

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056377.D
 Acq On : 19 Jun 2019 10:49
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:12 PM

Quant Time: Jun 20 04:32:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	552357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	577304	143.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.10%	
35) Dibromofluoromethane	7.59	113	511155	145.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.84%	
50) Toluene-d8	10.09	98	1982359	147.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.40%	
62) 4-Bromofluorobenzene	12.40	95	699497	156.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	464094	149.543	ug/l	98
3) Chloromethane	2.06	50	596358	142.918	ug/l	100
4) Vinyl Chloride	2.18	62	596651	145.702	ug/l	99
5) Bromomethane	2.51	94	282679	119.354	ug/l	99
6) Chloroethane	2.66	64	339412m	144.898	ug/l	
7) Trichlorofluoromethane	2.99	101	750512	142.887	ug/l	100
8) Diethyl Ether	3.40	74	323338	153.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	481617	141.581	ug/l	100
10) Methyl Iodide	3.94	142	700405	159.430	ug/l	100
11) Tert butyl alcohol	4.80	59	506183	796.952	ug/l	99
12) 1,1-Dichloroethene	3.73	96	480230	145.889	ug/l	97
13) Acrolein	3.60	56	441442	1796.675	ug/l	99
14) Allyl chloride	4.31	41	839499	152.389	ug/l	98
15) Acrylonitrile	4.99	53	1413705	783.764	ug/l	100
16) Acetone	3.82	43	1408576	648.612	ug/l	100
17) Carbon Disulfide	4.04	76	1225006	142.628	ug/l	99
18) Methyl Acetate	4.32	43	581679	122.313	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1566634	154.986	ug/l	99
20) Methylene Chloride	4.54	84	553839	141.755	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	512351	146.502	ug/l	99
22) Diisopropyl ether	5.95	45	1659553	152.075	ug/l	93
23) Vinyl Acetate	5.89	43	7121792	803.758	ug/l	100
24) 1,1-Dichloroethane	5.84	63	949639	148.905	ug/l	99
25) 2-Butanone	6.84	43	2012981	754.162	ug/l	98
26) 2,2-Dichloropropane	6.82	77	687070	149.395	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	606309	149.187	ug/l	100
28) Bromochloromethane	7.19	49	438542	137.373	ug/l	99
29) Tetrahydrofuran	7.21	42	1239188	776.675	ug/l	100
30) Chloroform	7.37	83	929383	146.537	ug/l	100
31) Cyclohexane	7.65	56	886995	144.293	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	776462	148.257	ug/l	100
36) 1,1-Dichloropropene	7.79	75	720492	146.279	ug/l	99
37) Ethyl Acetate	6.93	43	743351	158.493	ug/l	98
38) Carbon Tetrachloride	7.77	117	664192	142.284	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	916147	152.791	ug/l	100
40) Benzene	8.04	78	2191529	146.788	ug/l	98
41) Methacrylonitrile	7.18	41	320028	152.363	ug/l	97
42) 1,2-Dichloroethane	8.12	62	709939	145.153	ug/l	100
43) Isopropyl Acetate	8.16	43	1212079	161.825	ug/l	100
44) Trichloroethene	8.83	130	598621	147.148	ug/l	99
45) 1,2-Dichloropropane	9.12	63	594879	150.487	ug/l	100
46) Dibromomethane	9.21	93	378899	144.915	ug/l	99
47) Bromodichloromethane	9.40	83	727077	146.801	ug/l	99
48) Methyl methacrylate	9.20	41	592445	157.900	ug/l	98
49) 1,4-Dioxane	9.20	88	232707	3082.885	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	3617380	759.063	ug/l	99
52) Toluene	10.16	92	1376285	151.367	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	820649	165.985	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	913831	159.556	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	556840	148.385	ug/l	99
56) Ethyl methacrylate	10.43	69	884775	164.232	ug/l	98
57) 1,3-Dichloropropane	10.71	76	938407	148.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1687721	947.807	ug/l	100
59) 2-Hexanone	10.75	43	2650002	751.007	ug/l	99
60) Dibromochloromethane	10.90	129	590988	152.751	ug/l	99
61) 1,2-Dibromoethane	11.00	107	590565	153.371	ug/l	99
64) Tetrachloroethene	10.63	164	556767	136.717	ug/l	100
65) Chlorobenzene	11.43	112	1507637	148.700	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	556522	147.974	ug/l	100
67) Ethyl Benzene	11.51	91	2653045	152.144	ug/l	100
68) m/p-Xylenes	11.62	106	1990788	307.304	ug/l	99
69) o-Xylene	11.95	106	966749	151.411	ug/l	100
70) Styrene	11.96	104	1661855	161.306	ug/l	99
71) Bromoform	12.13	173	436355	152.350	ug/l #	99
73) Isopropylbenzene	12.25	105	2540037	127.886	ug/l	100
74) N-amyl acetate	12.07	43	988721	135.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	774643	119.395	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	629404m	127.662	ug/l	
77) Bromobenzene	12.53	156	672421	128.529	ug/l	98
78) n-propylbenzene	12.59	91	2872415	138.303	ug/l	100
79) 2-Chlorotoluene	12.67	91	1697088	128.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2136810	132.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	231487	149.578	ug/l	89
82) 4-Chlorotoluene	12.77	91	1707948	139.873	ug/l	99
83) tert-Butylbenzene	12.99	119	1847019	127.333	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2124267	141.035	ug/l	100
85) sec-Butylbenzene	13.17	105	2435620	133.483	ug/l	100
86) p-Isopropyltoluene	13.29	119	2232904	143.045	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1136129	144.048	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1117808	147.753	ug/l	99
89) n-Butylbenzene	13.61	91	1887519	161.495	ug/l	99
90) Hexachloroethane	13.87	117	365813	122.385	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1108788	143.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	145408	146.755	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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Quant Time: Jun 20 04:32:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	689795	211.670	ug/l	98
94) Hexachlorobutadiene	15.01	225	388516	125.614	ug/l	100
95) Naphthalene	15.13	128	1795078	204.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	698512	199.003	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

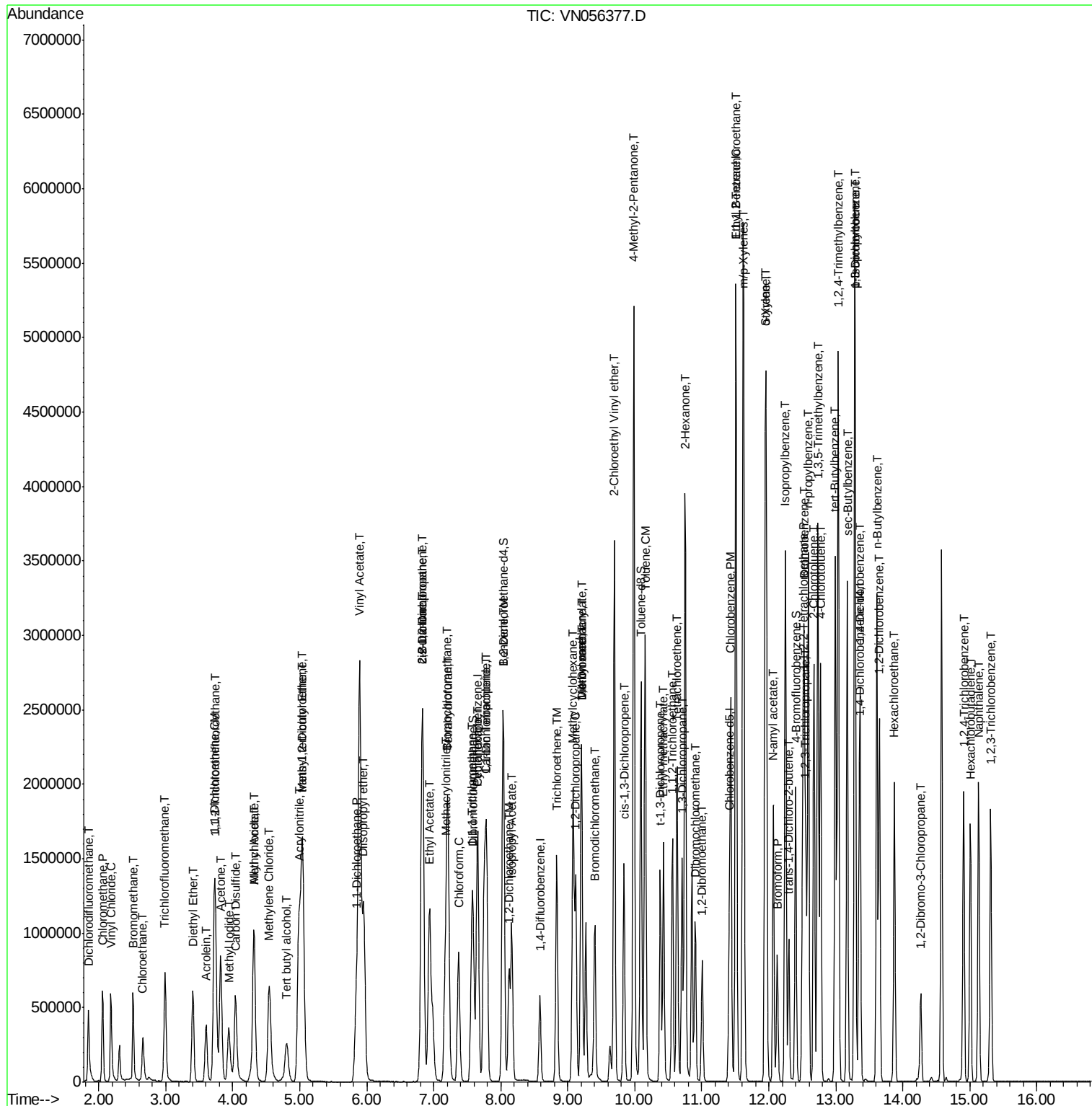
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 Data File : VN056377.D
 Acq On : 19 Jun 2019 10:49
 Operator : JC/SP
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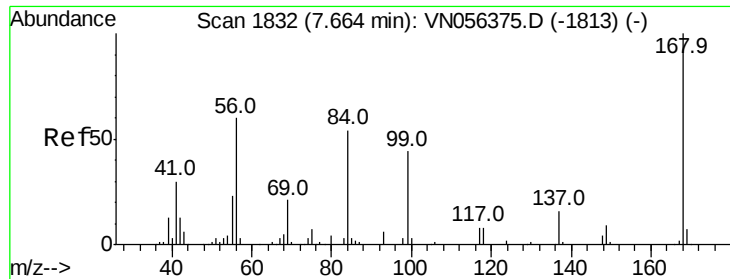
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 357905

Ion Ratio Lower Upper

168 100

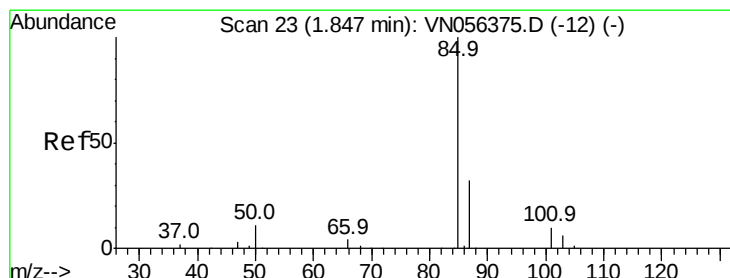
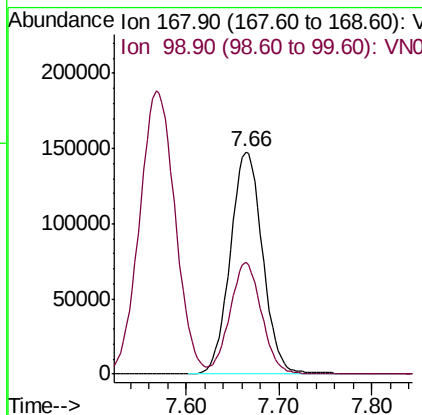
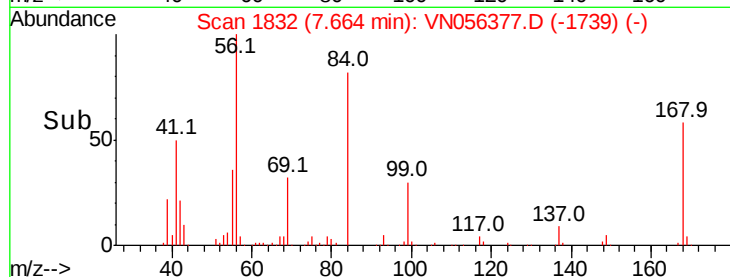
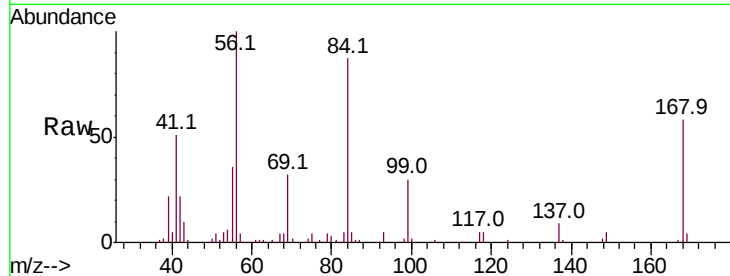
99 50.3 40.6 61.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 149.543 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056377.D

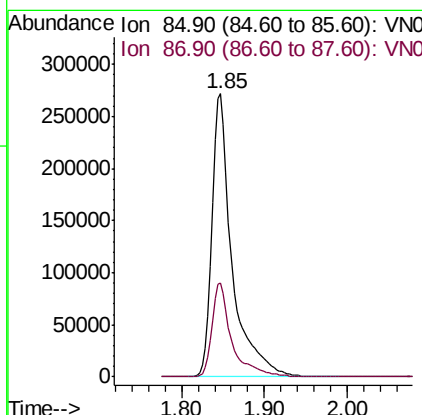
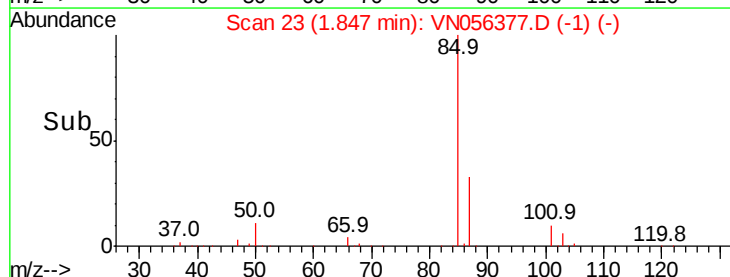
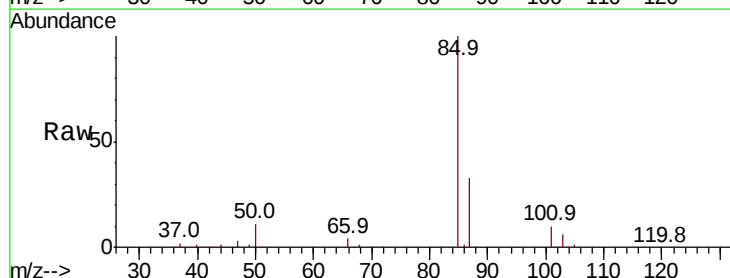
Acq: 19 Jun 2019 10:49

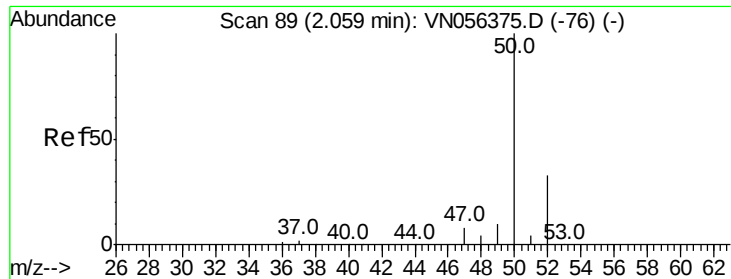
Tgt Ion: 85 Resp: 464094

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5





#3

Chloromethane

Concen: 142.918 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 596358

Ion Ratio Lower Upper

50 100

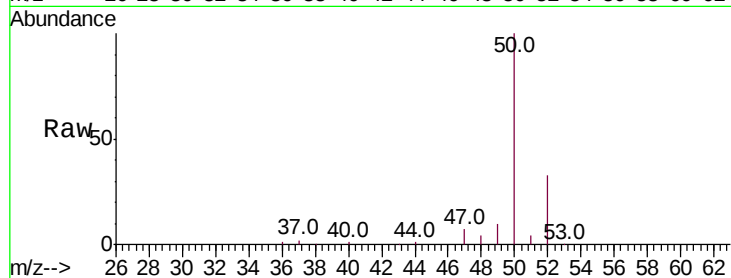
52 32.9 26.5 39.7

Manual Integrations

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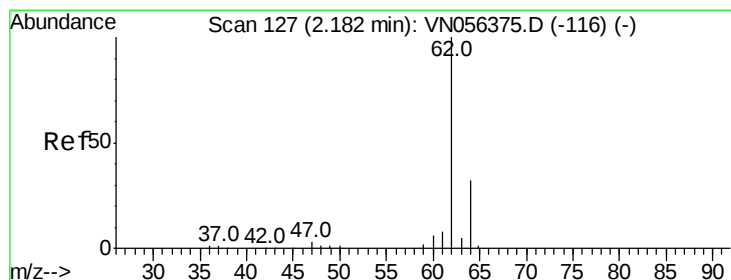
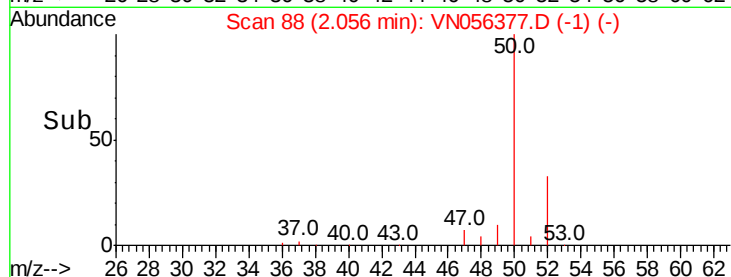
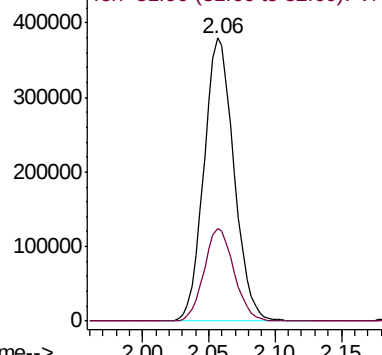
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 145.702 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056377.D

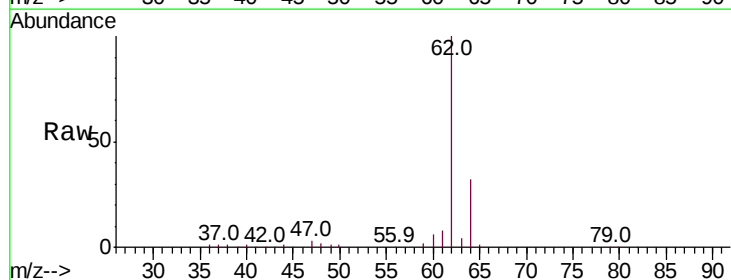
Acq: 19 Jun 2019 10:49

Tgt Ion: 62 Resp: 596651

Ion Ratio Lower Upper

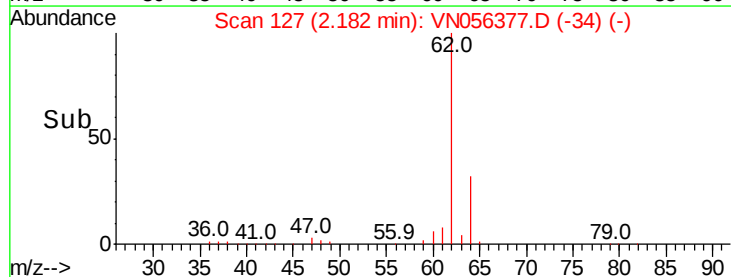
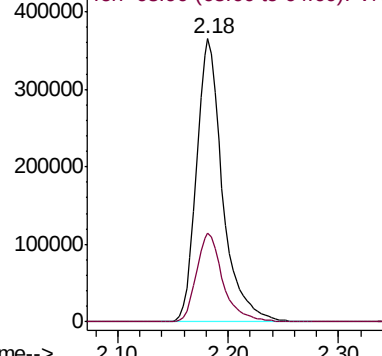
62 100

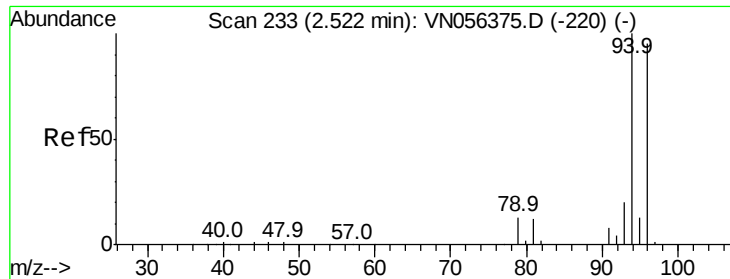
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 119.354 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 282679

Ion Ratio Lower Upper

94 100

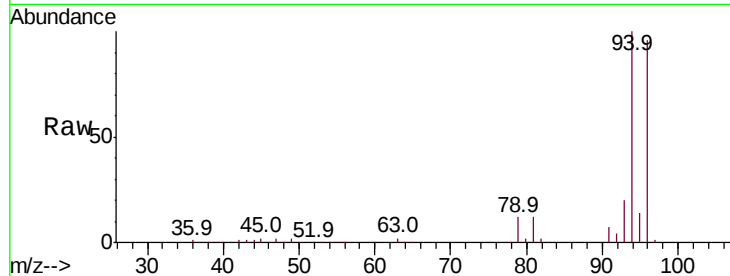
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Manual Integrations

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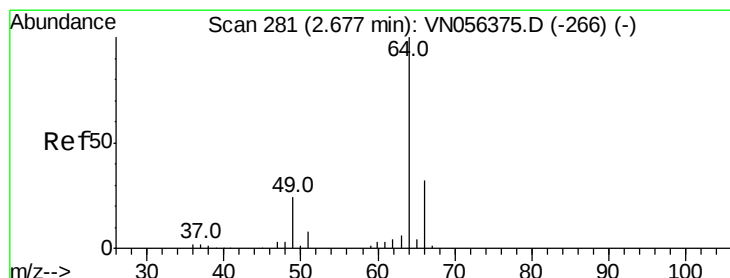
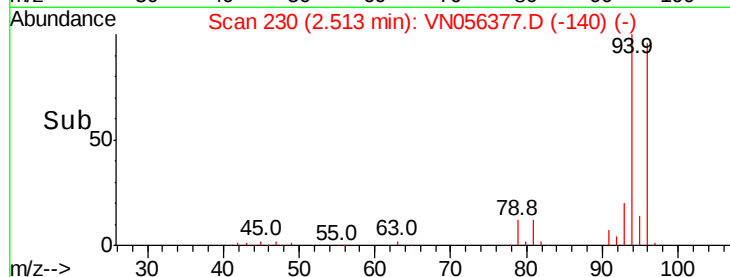
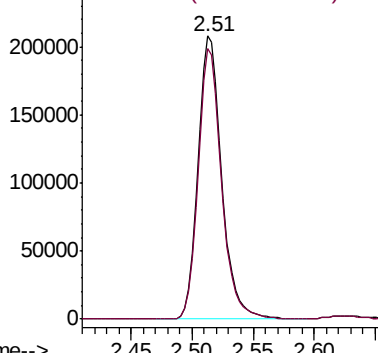
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 144.898 ug/l m

RT: 2.66 min Scan# 275

Delta R.T. -0.02 min

Lab File: VN056377.D

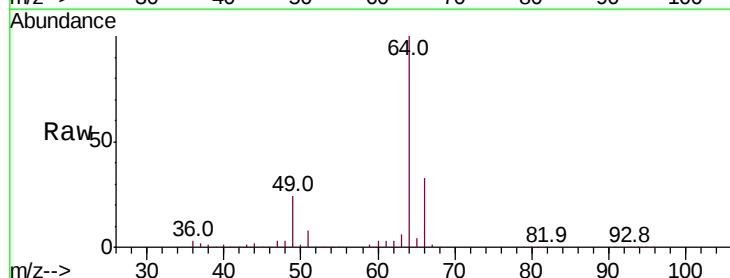
Acq: 19 Jun 2019 10:49

Tgt Ion: 64 Resp: 339412

Ion Ratio Lower Upper

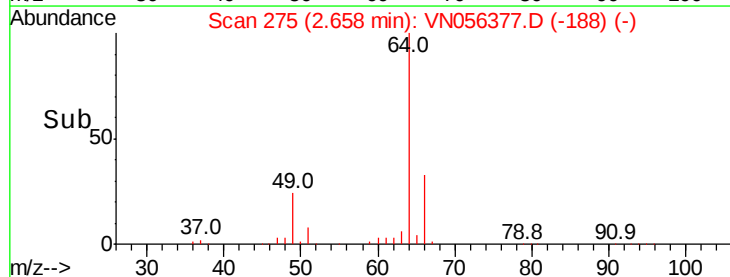
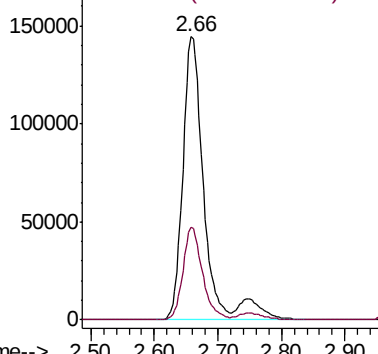
64 100

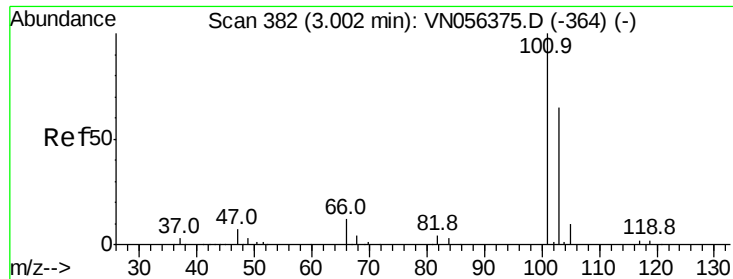
66 32.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

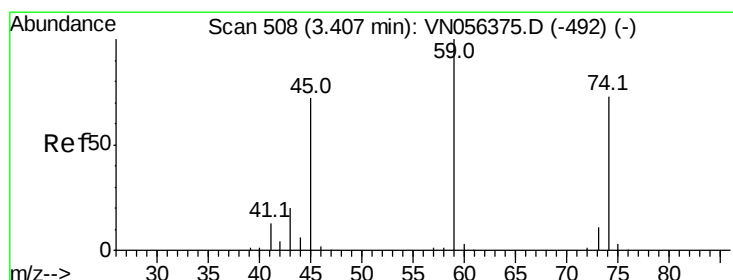
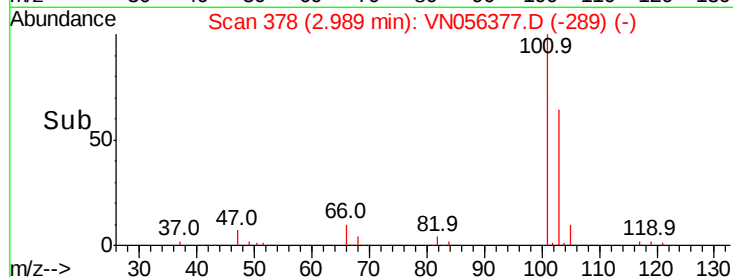
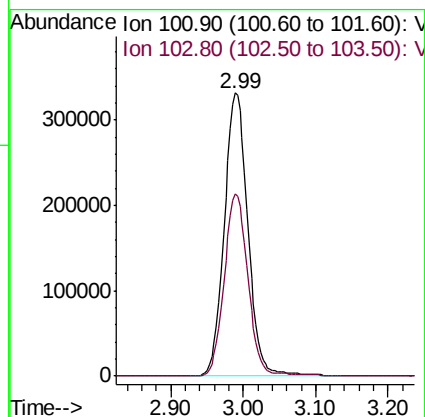
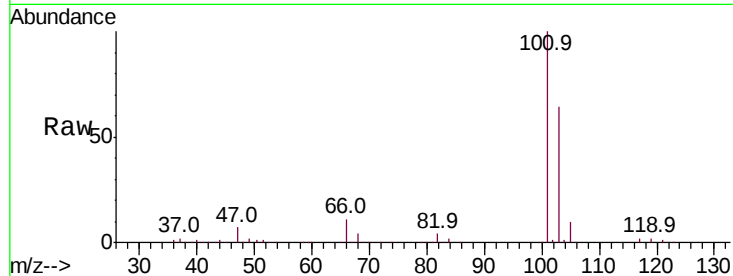
Trichlorofluoromethane
Concen: 142.887 ug/l
RT: 2.99 min Scan# 378
Delta R.T. -0.01 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 750512
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

Manual Integrations
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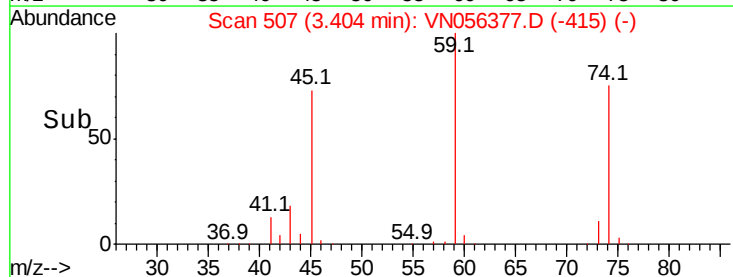
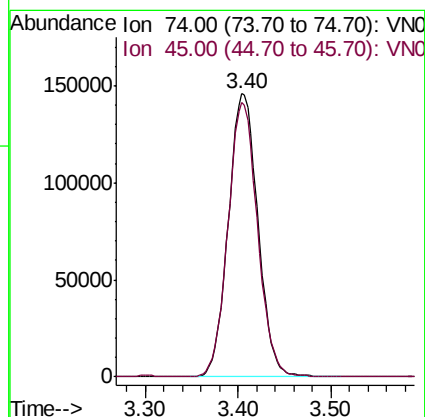
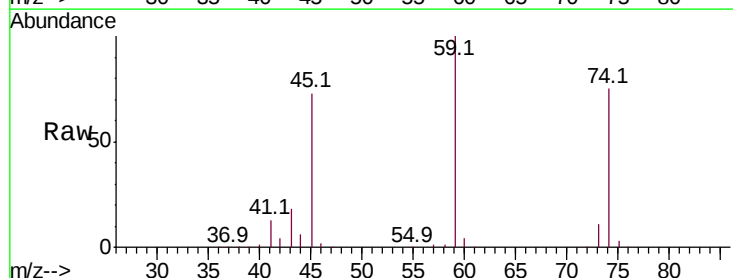
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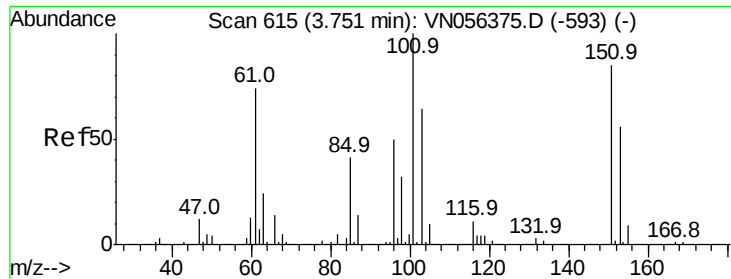


#8

Diethyl Ether
Concen: 153.681 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 74 Resp: 323338
Ion Ratio Lower Upper
74 100
45 96.4 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.581 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

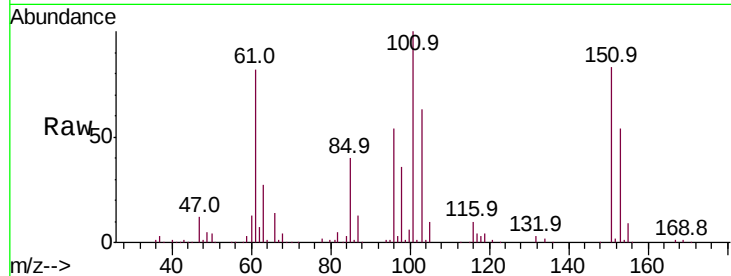
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	481617
Ion Ratio	Lower	Upper	
101	100		
85	41.1	32.7	49.1
151	84.0	66.8	100.2

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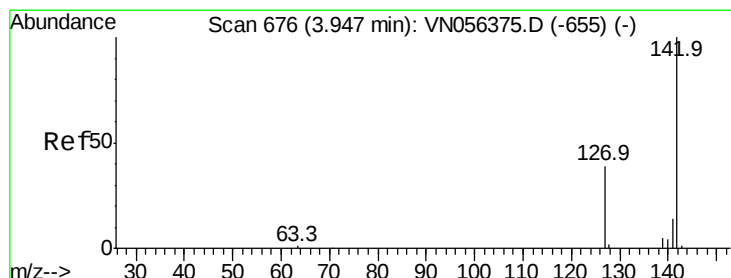
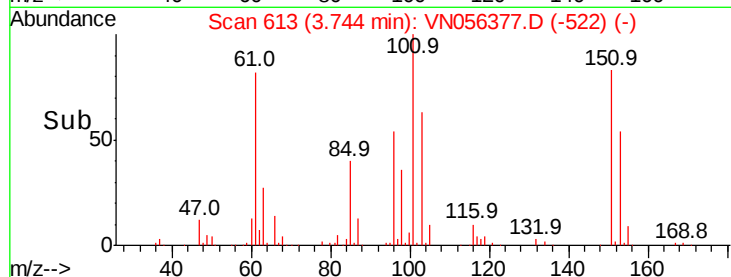
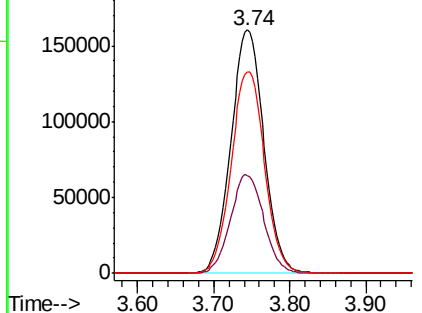
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 159.430 ug/l

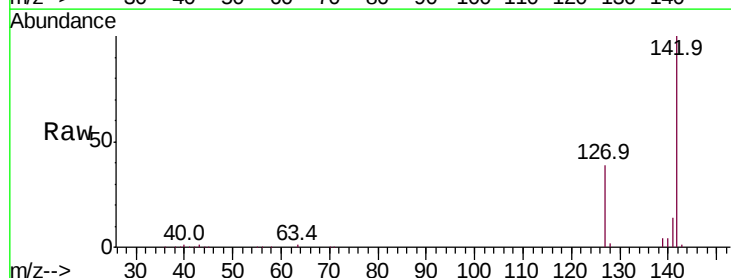
RT: 3.94 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

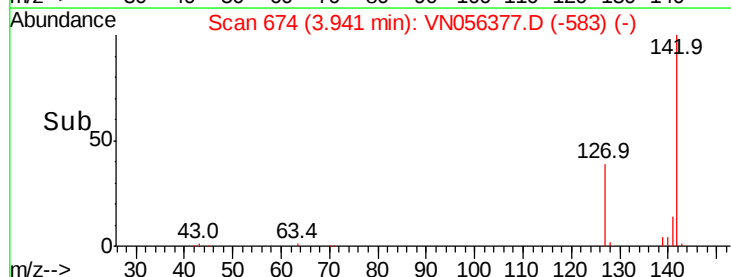
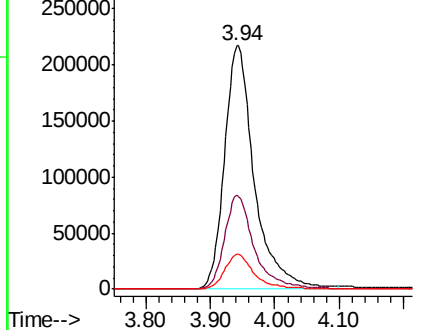
Tgt Ion:	142	Resp:	700405
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.6	46.0
141	14.2	11.4	17.2

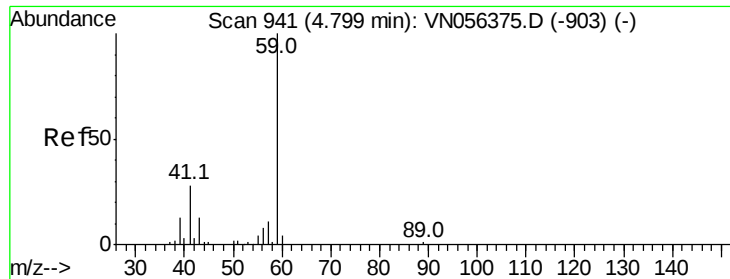


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





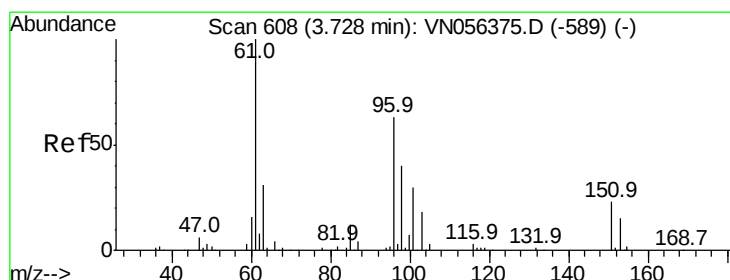
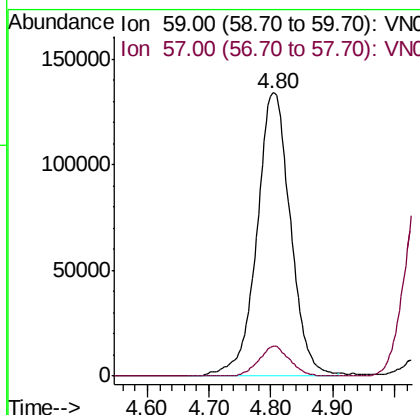
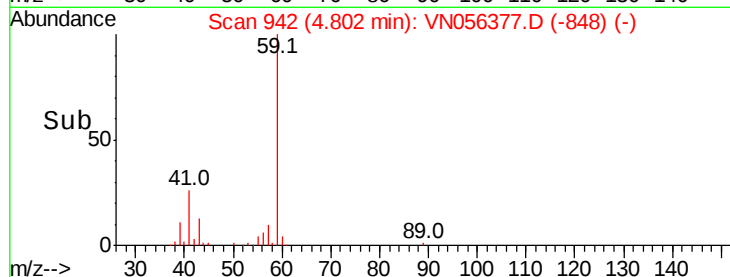
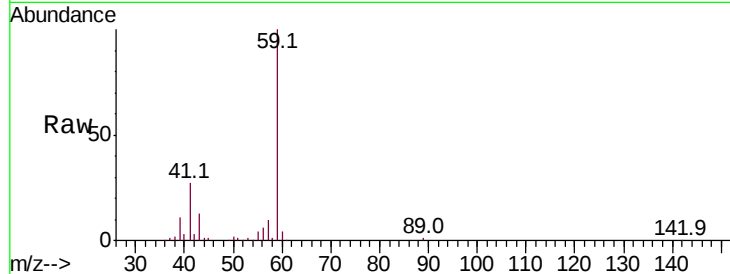
#11
Tert butyl alcohol
Concen: 796.952 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 506183
Ion Ratio Lower Upper
59 100
57 9.8 7.6 11.4

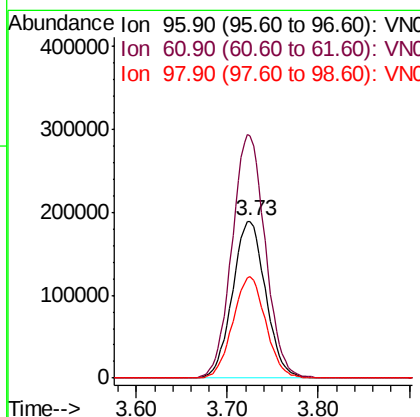
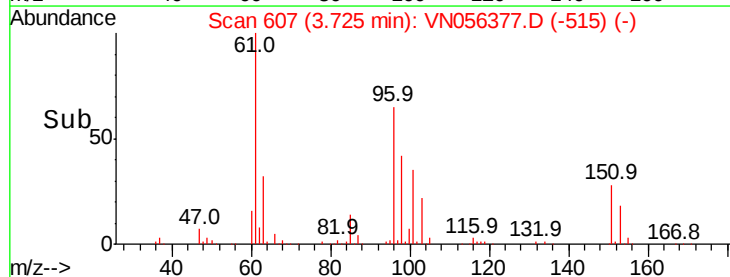
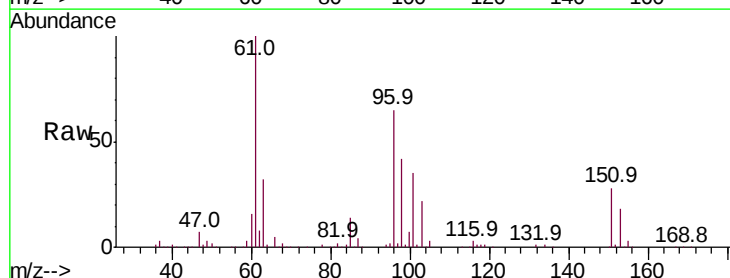
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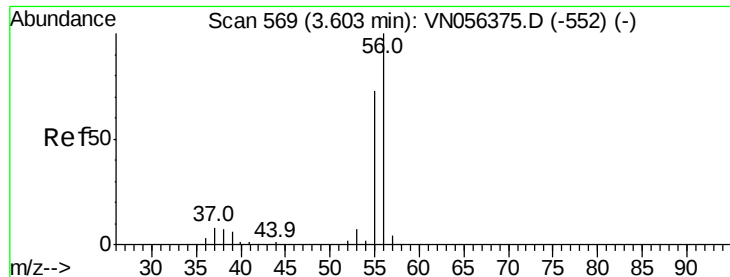
MMDadoda
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#12
1,1-Dichloroethene
Concen: 145.889 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 96 Resp: 480230
Ion Ratio Lower Upper
96 100
61 153.9 126.6 190.0
98 64.4 51.1 76.7





#13

Acrolein

Concen: 1796.675 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 441442

Ion Ratio Lower Upper

56 100

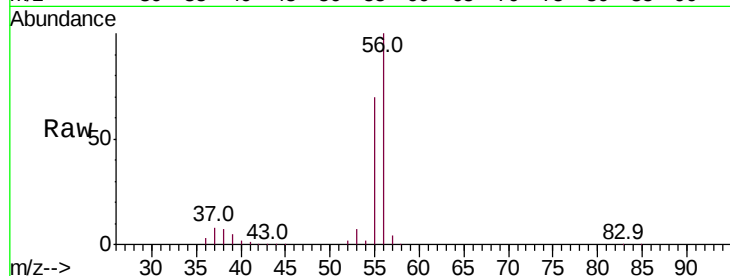
55 70.7 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

200000

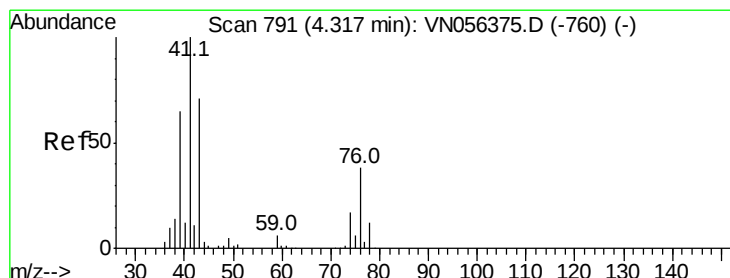
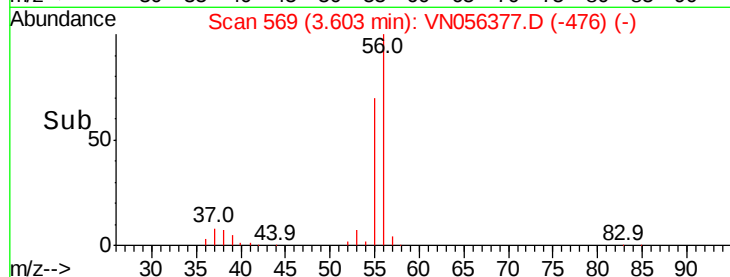
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 152.389 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

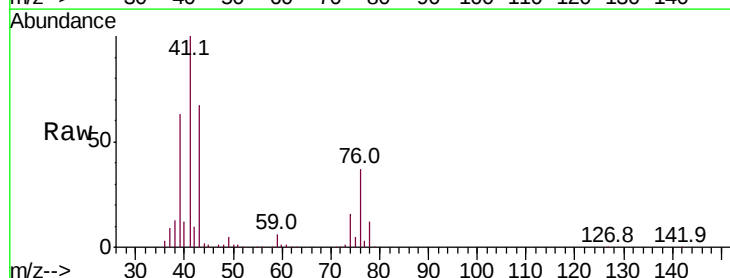
Tgt Ion: 41 Resp: 839499

Ion Ratio Lower Upper

41 100

39 59.5 48.6 73.0

76 34.4 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.31

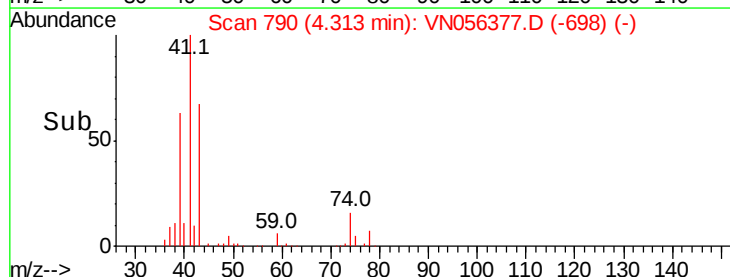
300000

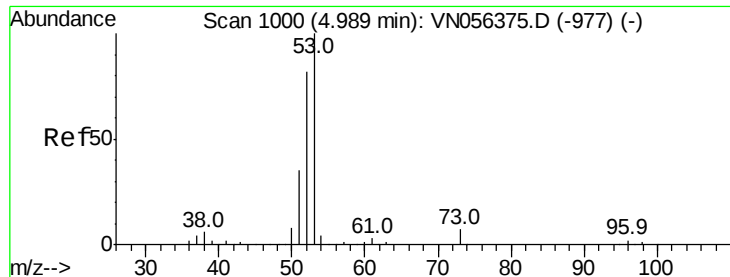
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 783.764 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1413705

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

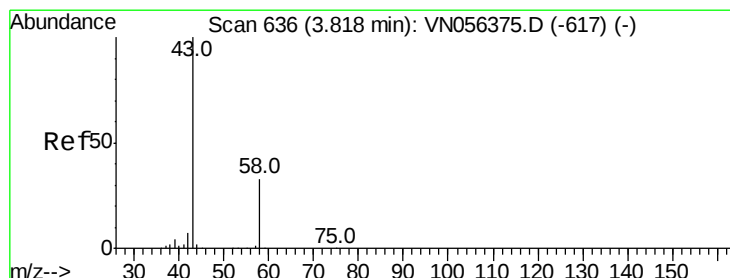
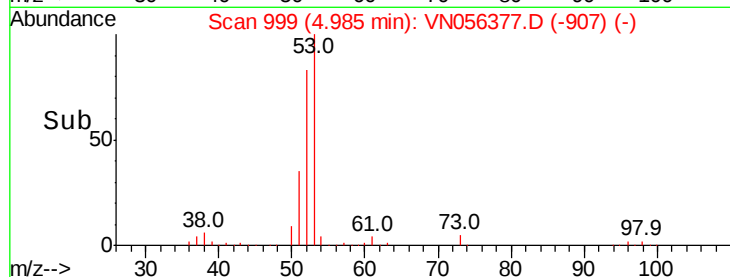
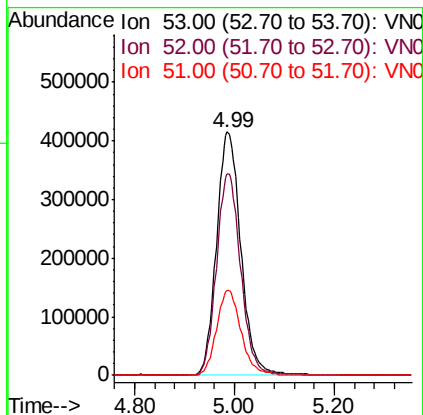
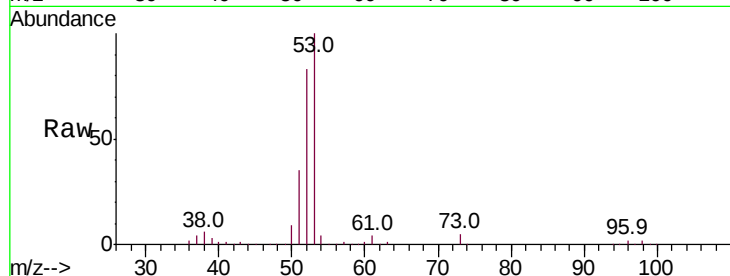
51 35.2 28.3 42.5

Manual Integrations

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#16

Acetone

Concen: 648.612 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056377.D

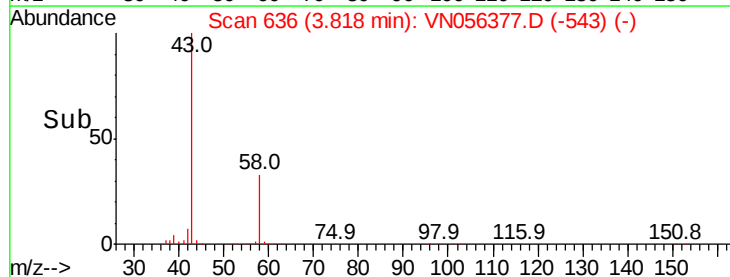
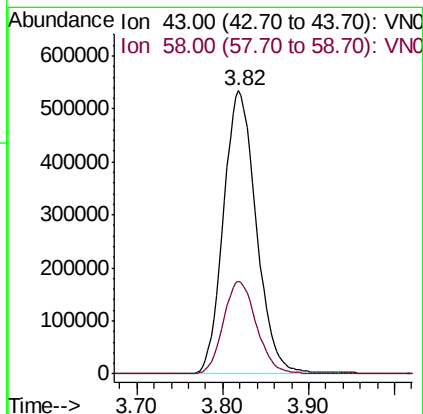
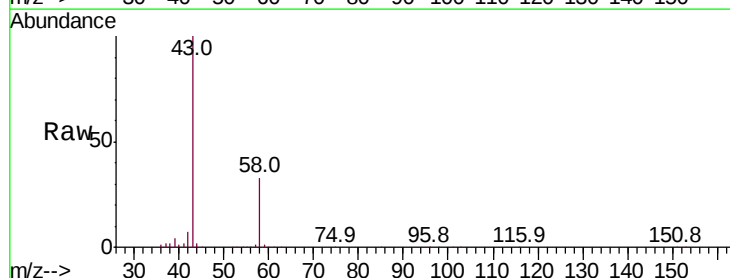
Acq: 19 Jun 2019 10:49

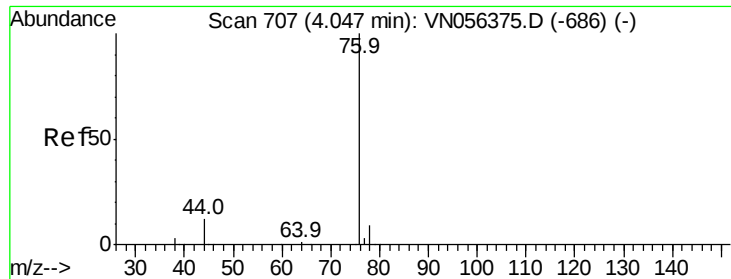
Tgt Ion: 43 Resp: 1408576

Ion Ratio Lower Upper

43 100

58 32.8 26.4 39.6





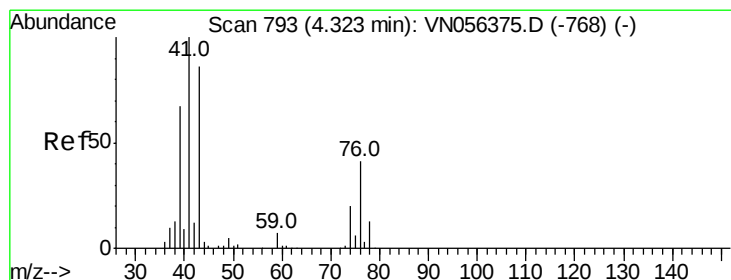
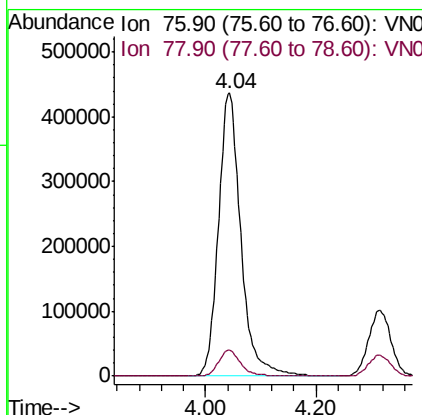
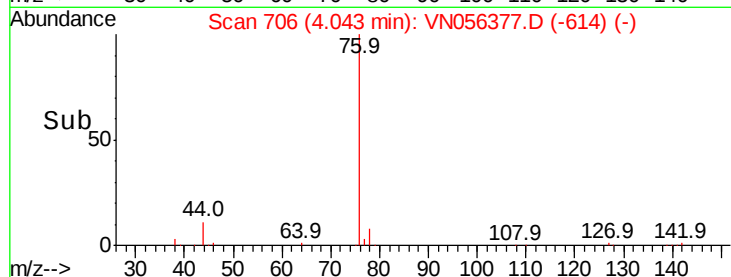
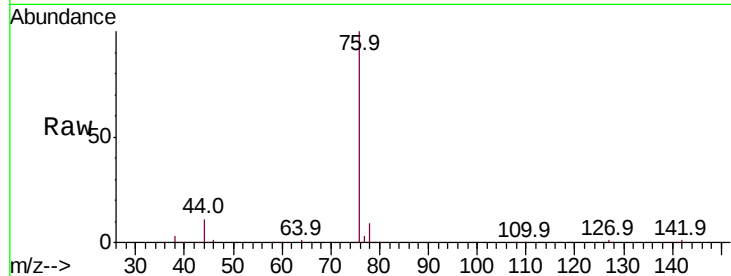
#17
Carbon Disulfide
Concen: 142.628 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1225006
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

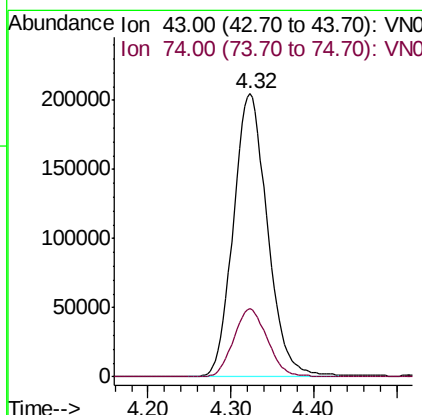
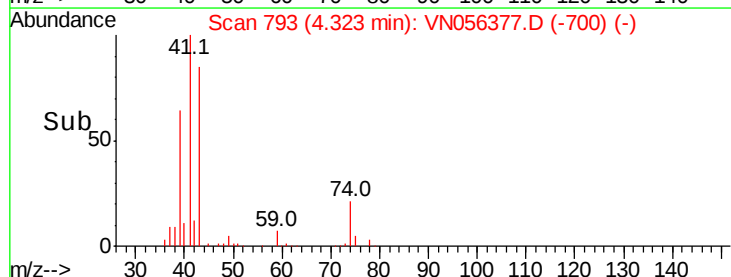
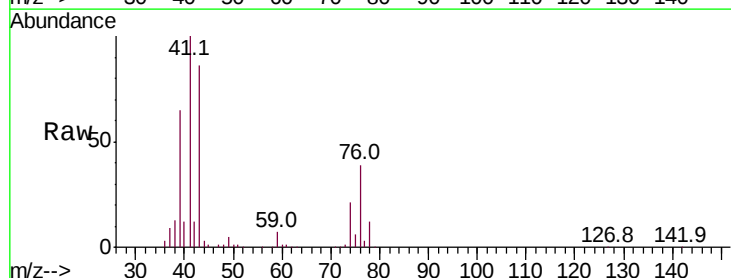
Manual Integrations
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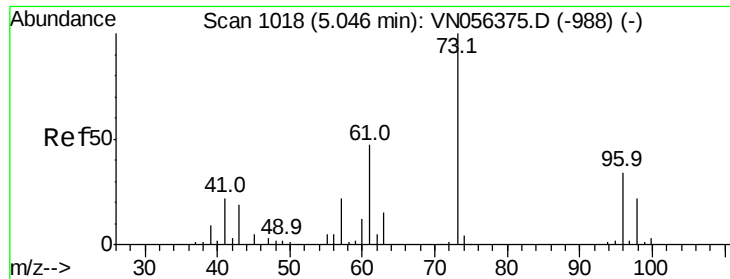
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6/21/2019 10:52:12 PM



#18
Methyl Acetate
Concen: 122.313 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 43 Resp: 581679
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





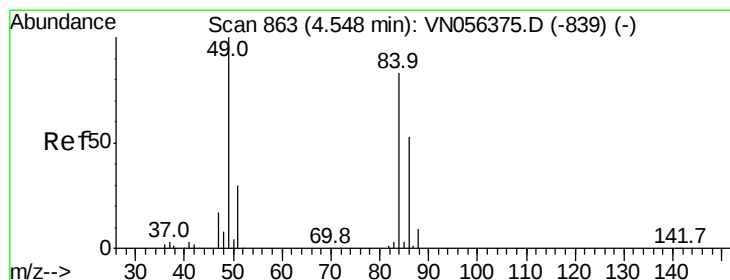
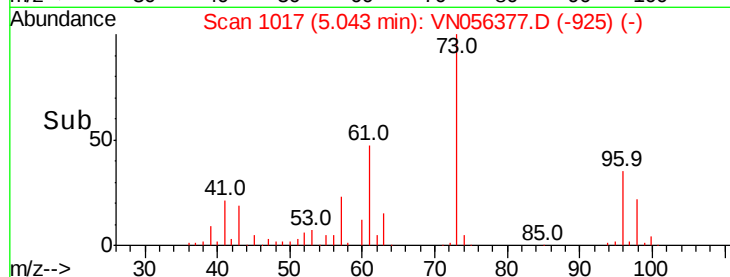
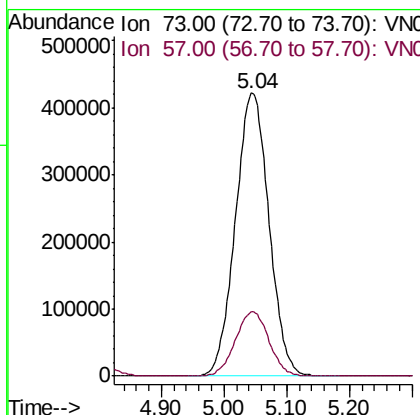
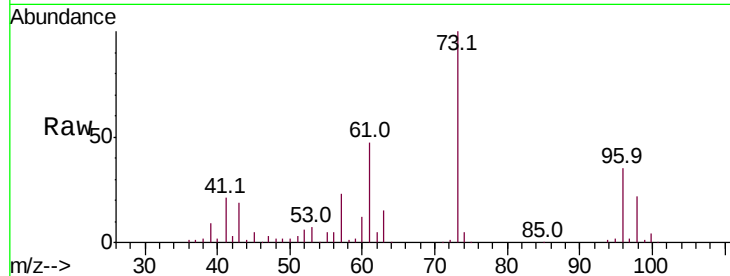
#19
Methyl tert-butyl Ether
Concen: 154.986 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1566634
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

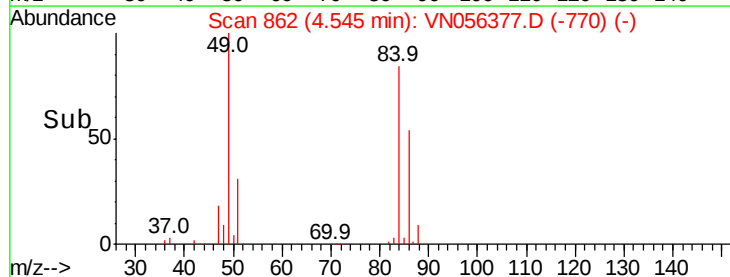
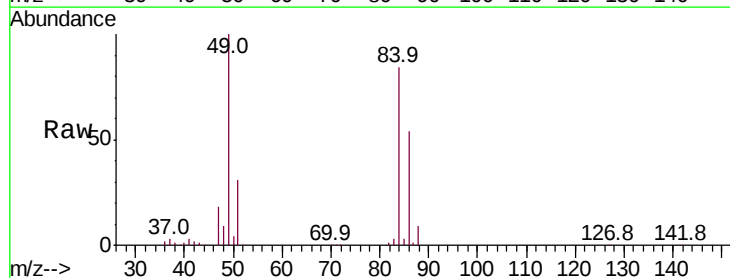
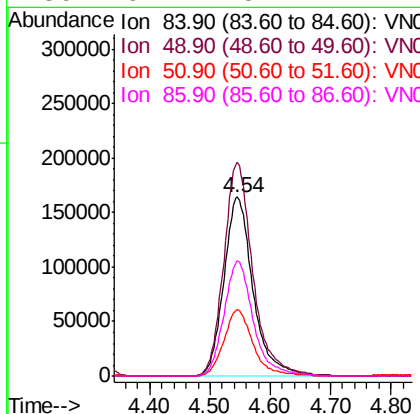
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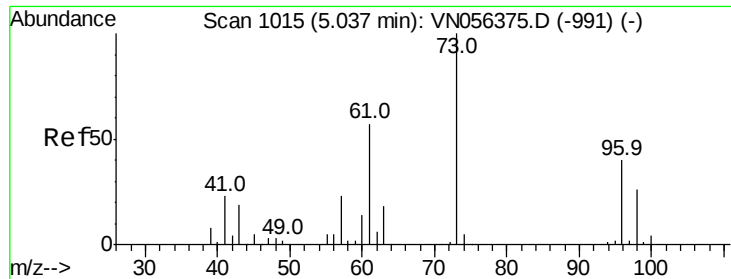
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#20
Methylene Chloride
Concen: 141.755 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 84 Resp: 553839
Ion Ratio Lower Upper
84 100
49 119.2 96.4 144.6
51 36.8 28.6 43.0
86 64.1 51.4 77.2





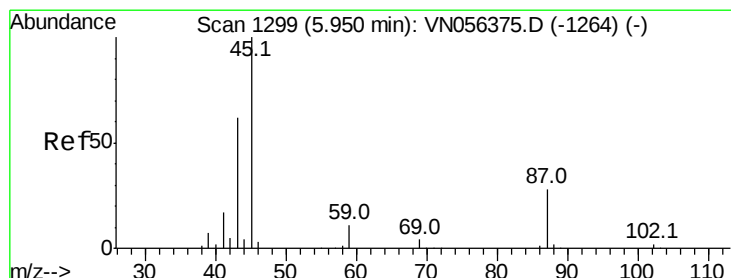
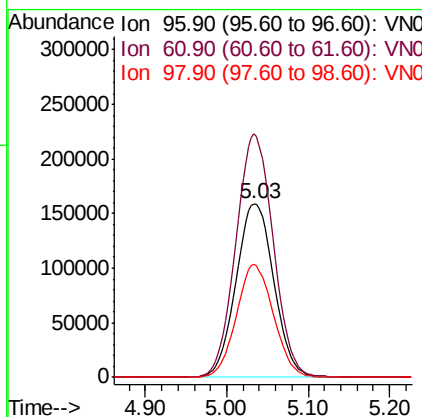
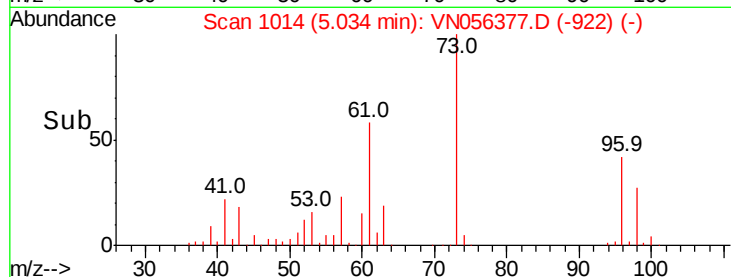
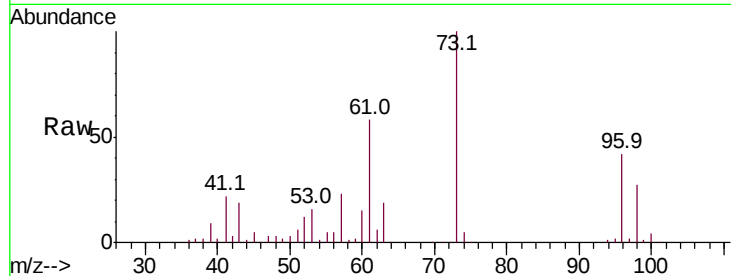
#21
trans-1,2-Dichloroethene
Concen: 146.502 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	113.0	169.6
98	65.0	52.2	78.2

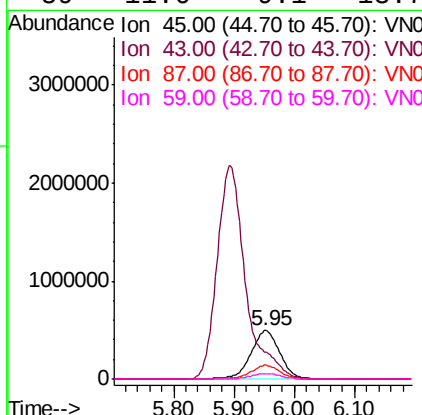
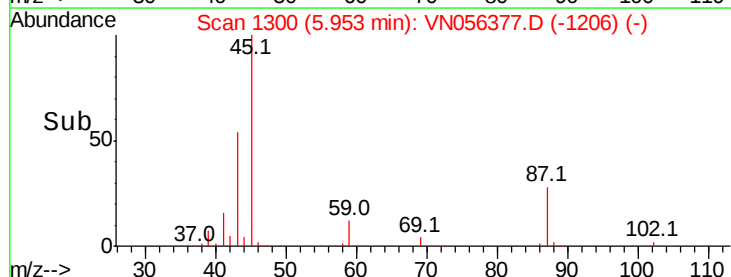
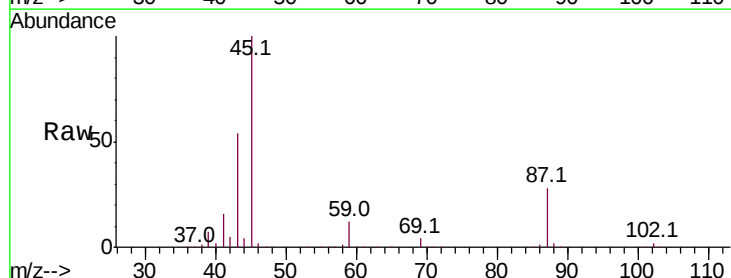
Manual Integrations
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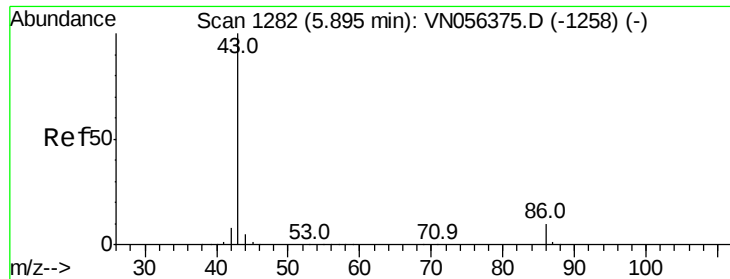
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#22
Diisopropyl ether
Concen: 152.075 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.1	50.4	75.6
87	27.9	23.0	34.4
59	11.6	9.1	13.7





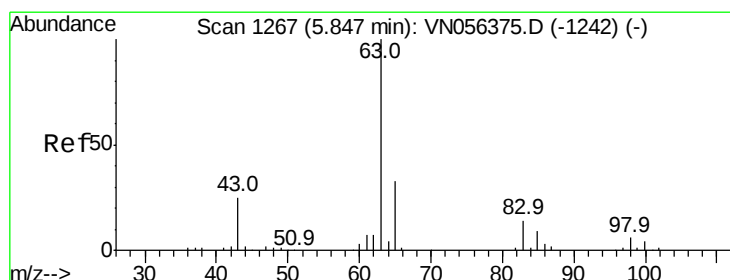
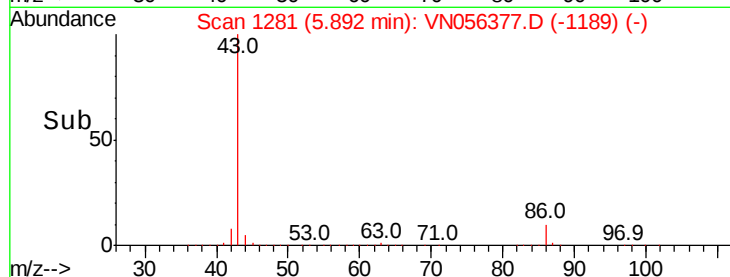
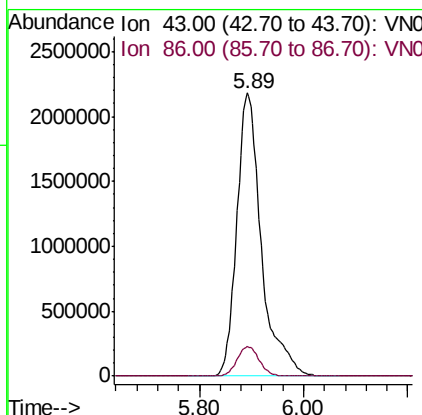
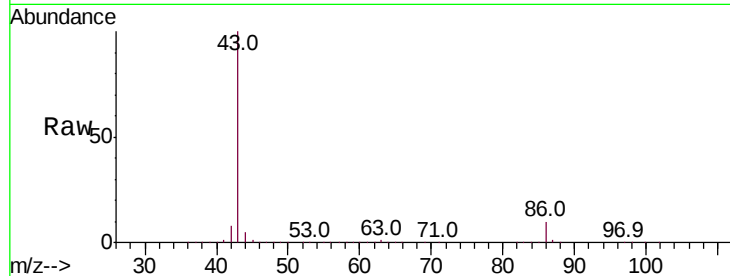
#23
 Vinyl Acetate
 Concen: 803.758 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 7121792
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

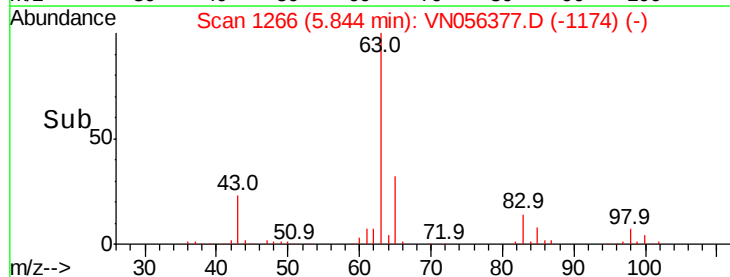
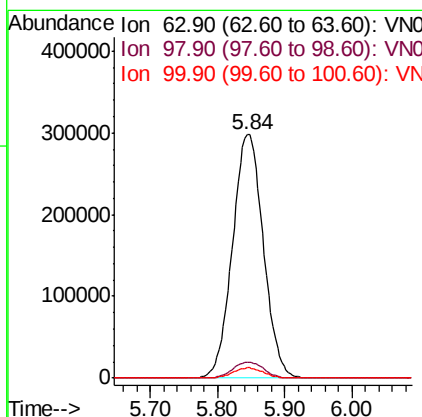
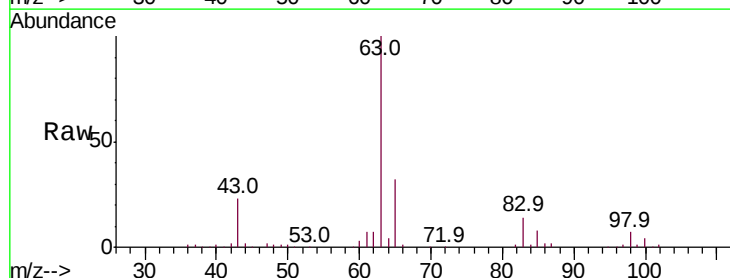
Manual Integrations
 APPROVED

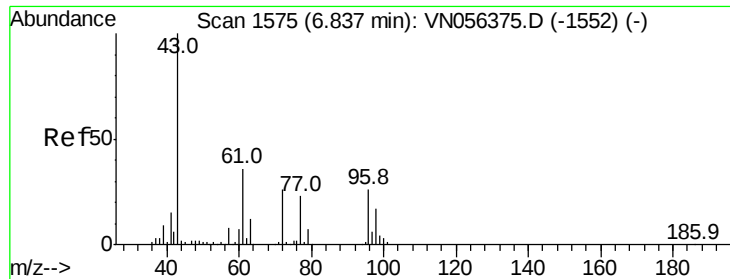
MMDadoda
 6/21/2019 10:52:12 PM



#24
 1,1-Dichloroethane
 Concen: 148.905 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion: 63 Resp: 949639
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 754.162 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2012981

Ion Ratio Lower Upper

43 100

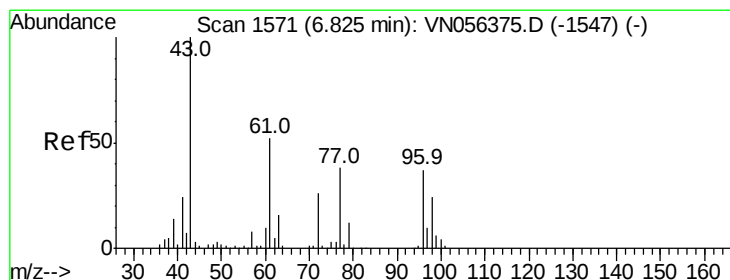
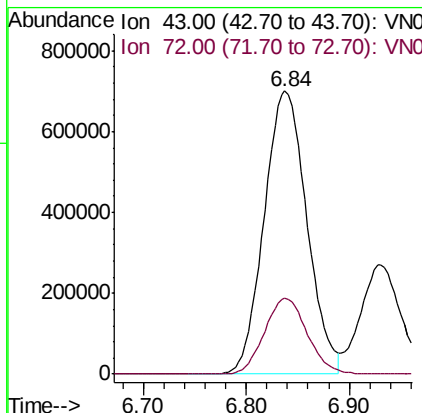
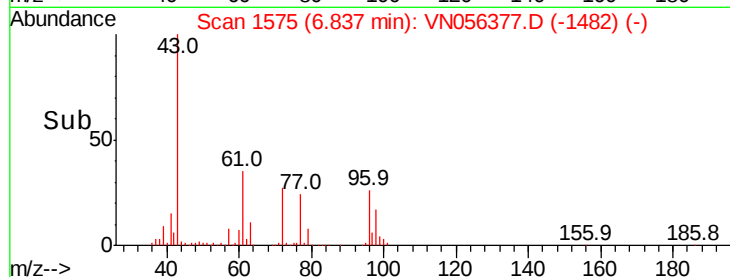
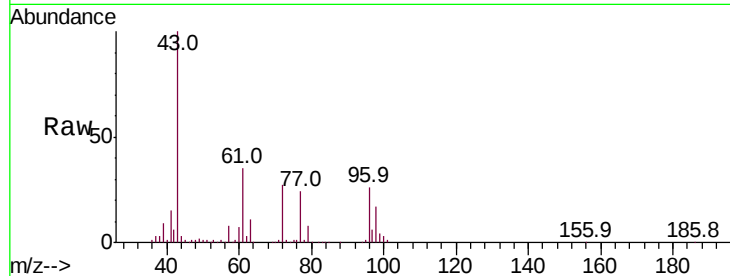
72 26.8 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 149.395 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056377.D

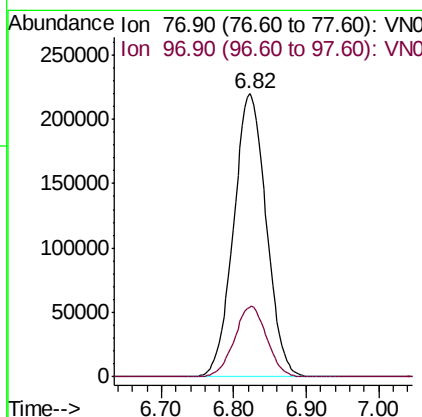
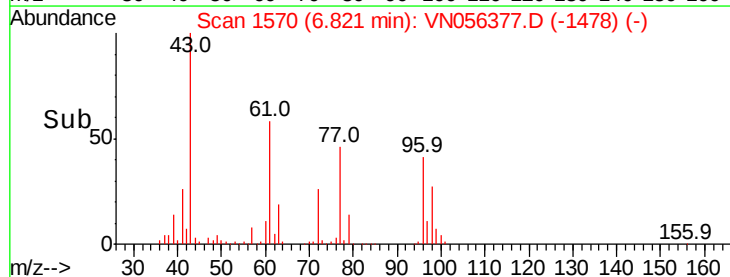
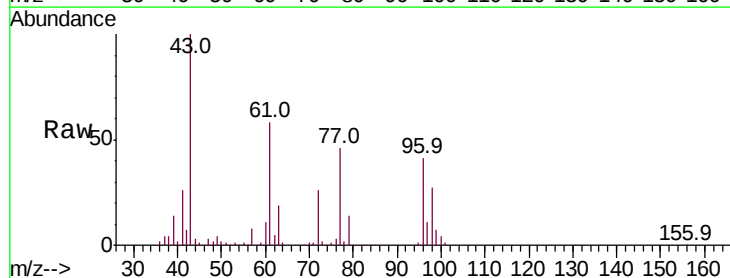
Acq: 19 Jun 2019 10:49

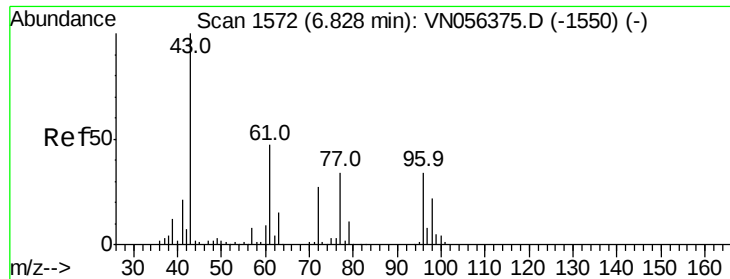
Tgt Ion: 77 Resp: 687070

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.5





#27

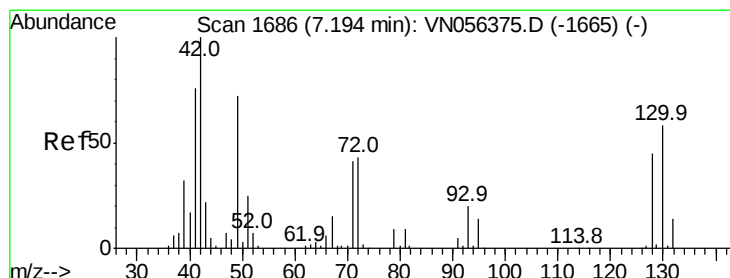
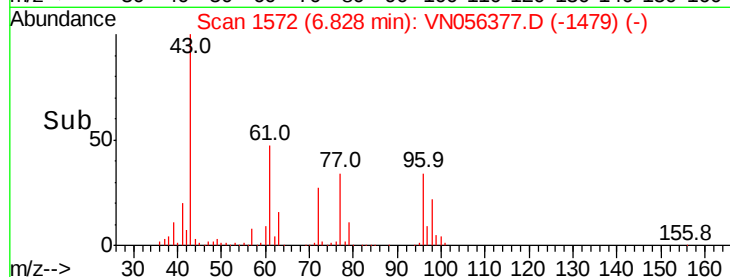
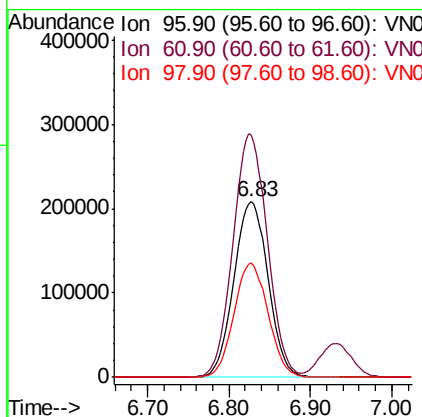
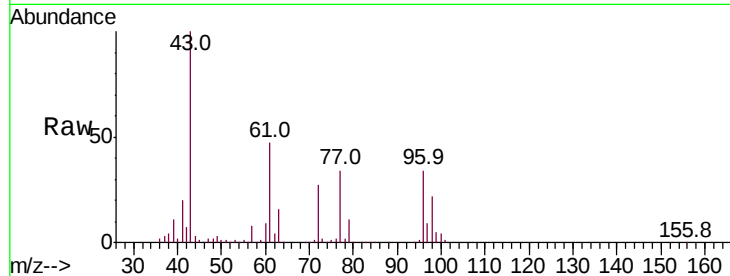
cis-1,2-Dichloroethene
Concen: 149.187 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	279.8
98	65.0	0.0	130.0

Manual Integrations
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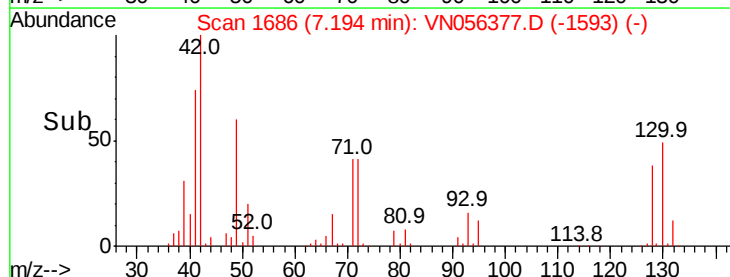
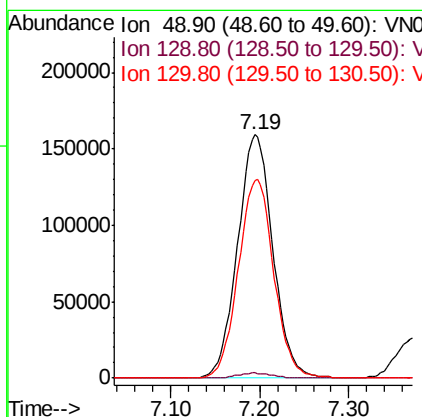
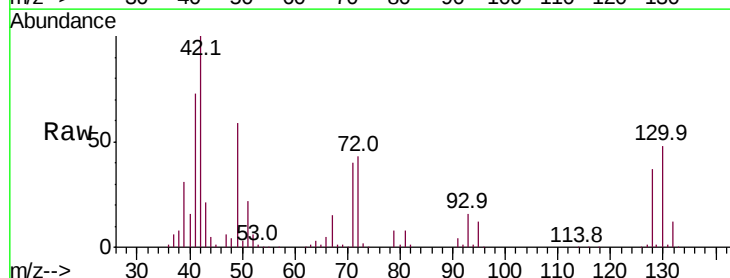
MMDadoda
6/21/2019 10:52:12 PM

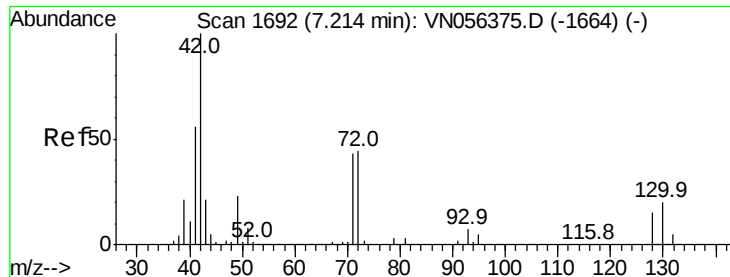


#28

Bromochloromethane
Concen: 137.373 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.2	64.9	97.3





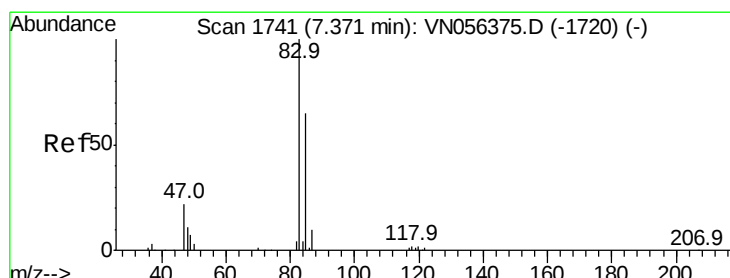
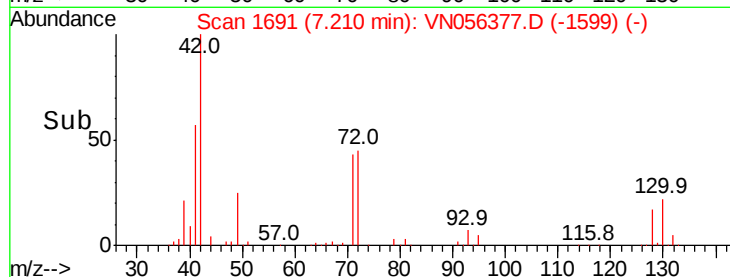
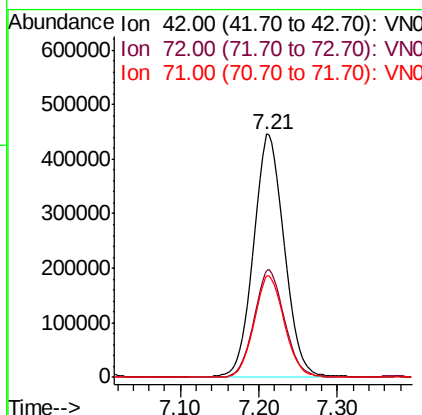
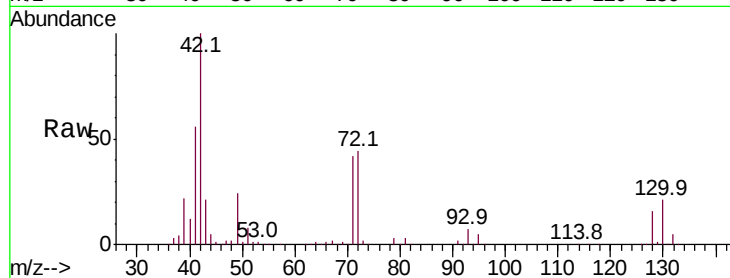
#29
Tetrahydrofuran
Concen: 776.675 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1239188
Ion Ratio Lower Upper
42 100
72 43.7 34.7 52.1
71 41.2 33.0 49.6

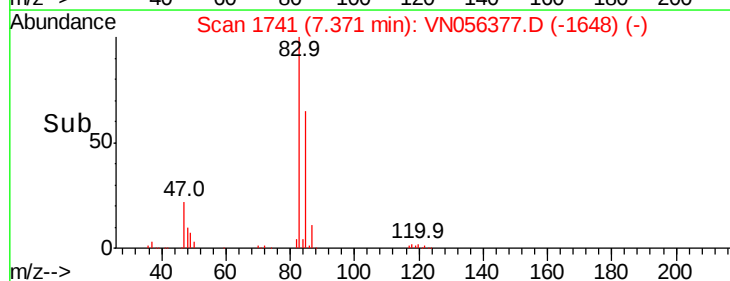
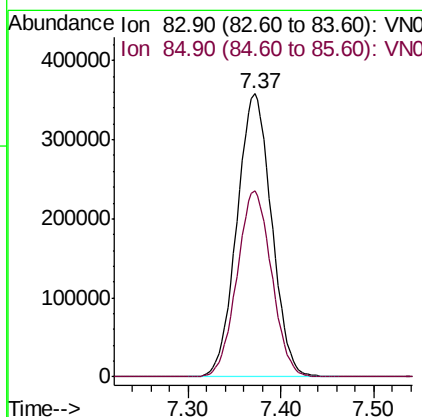
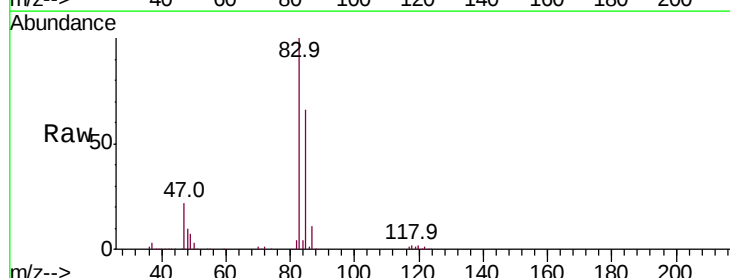
Manual Integrations
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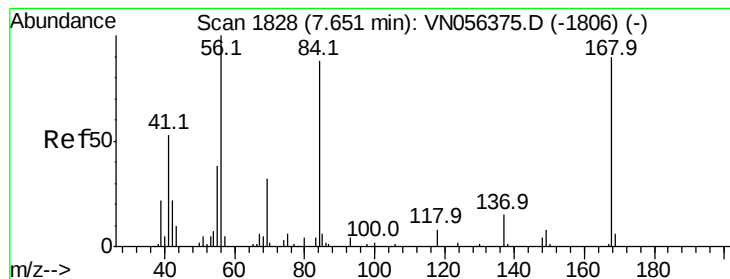
MMDadoda
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#30
Chloroform
Concen: 146.537 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 83 Resp: 929383
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5





#31

Cyclohexane

Concen: 144.293 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 886995

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.6

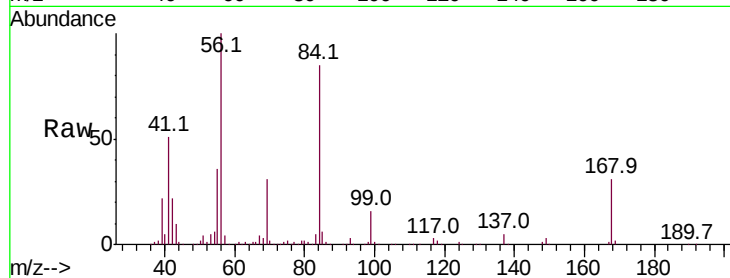
84 83.8 69.4 104.0

Manual Integrations

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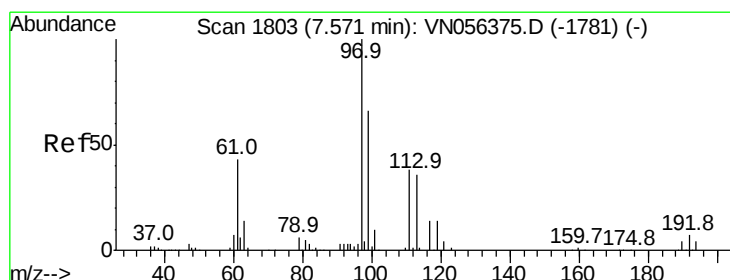
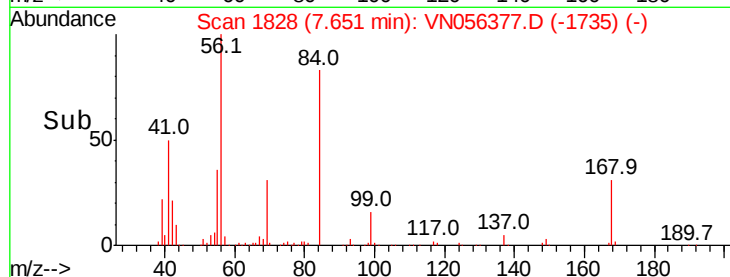
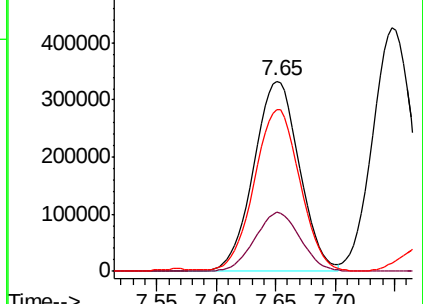
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 148.257 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

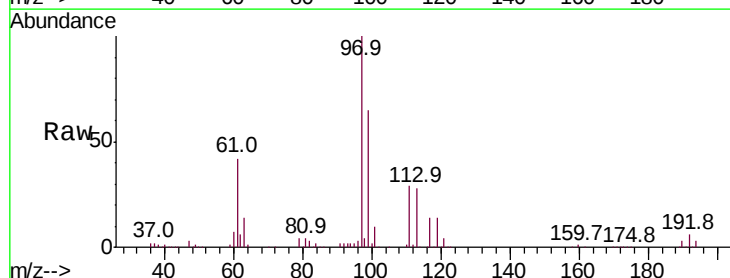
Tgt Ion: 97 Resp: 776462

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

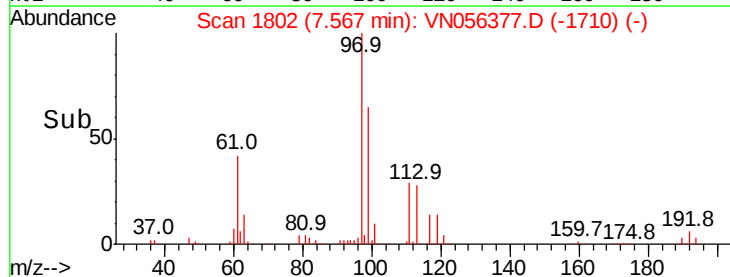
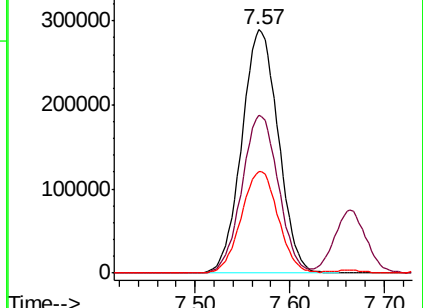
61 42.2 33.9 50.9

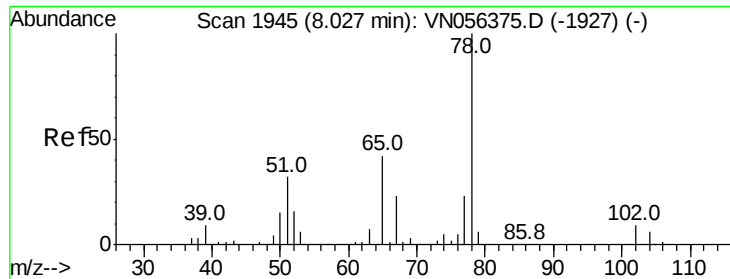


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





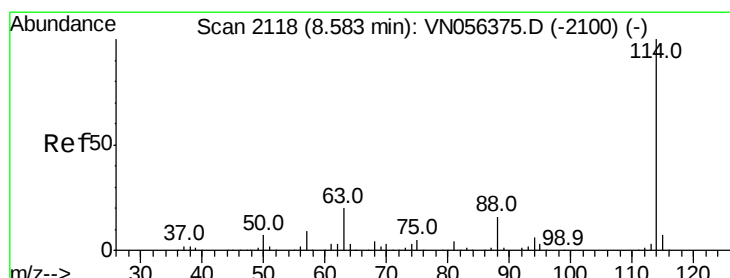
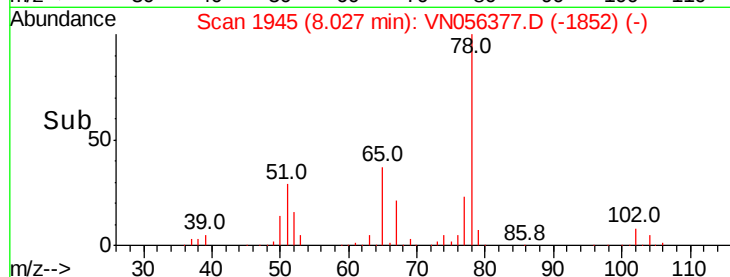
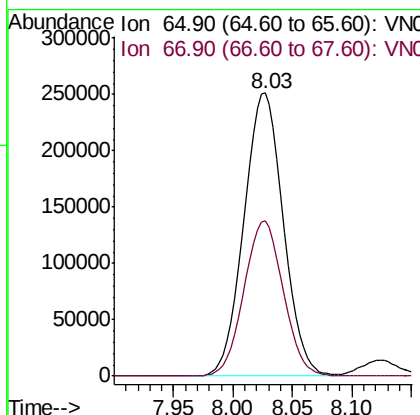
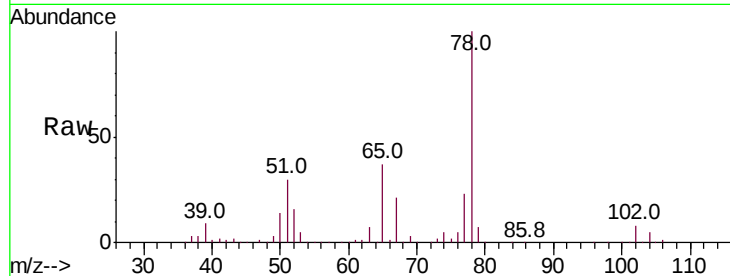
#33
 1,2-Dichloroethane-d4
 Concen: 143.548 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.0

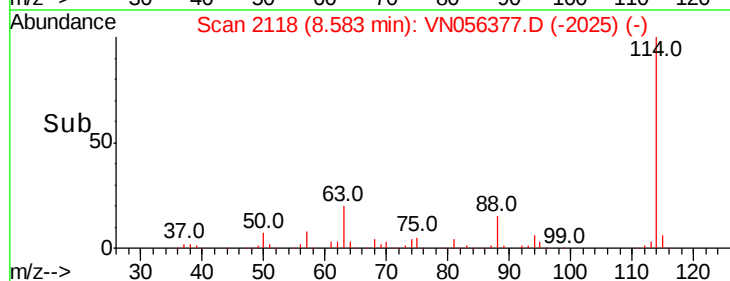
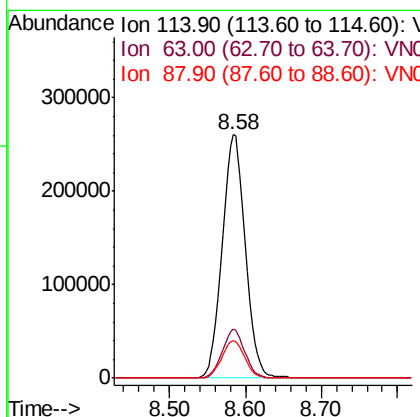
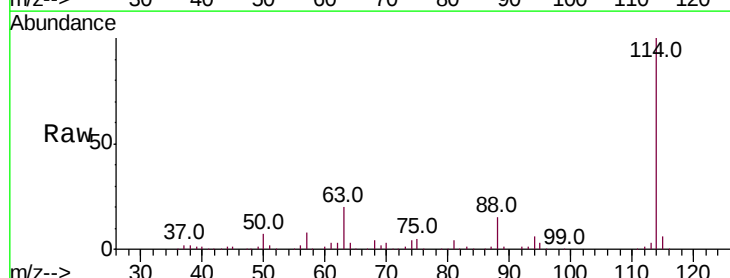
Manual Integrations
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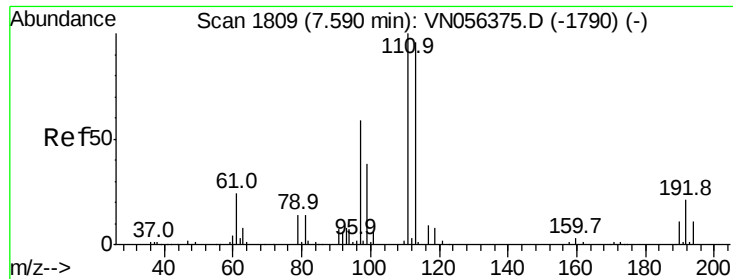
MMDadoda
 6/21/2019 10:52:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.3	0.0	31.4





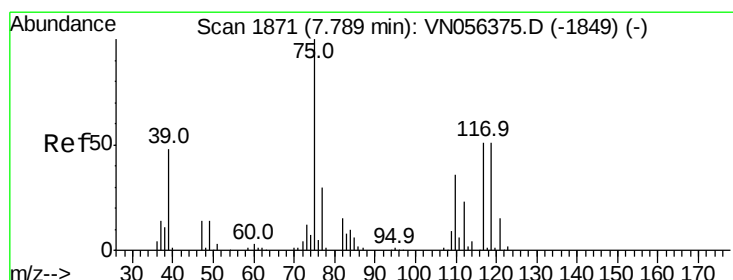
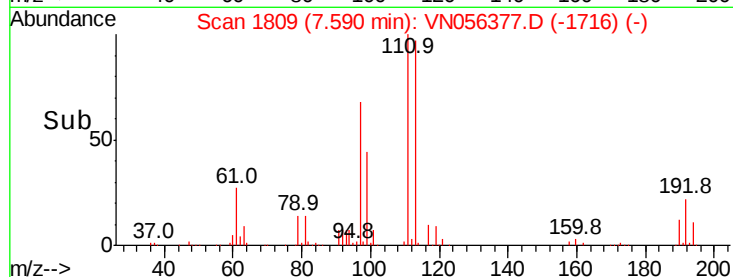
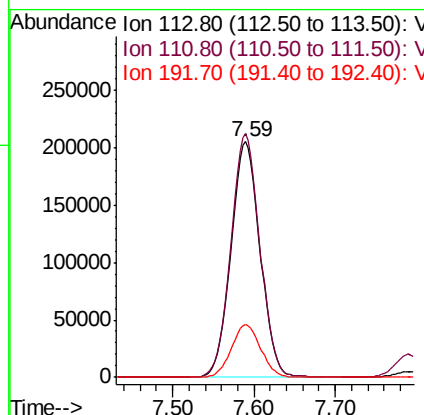
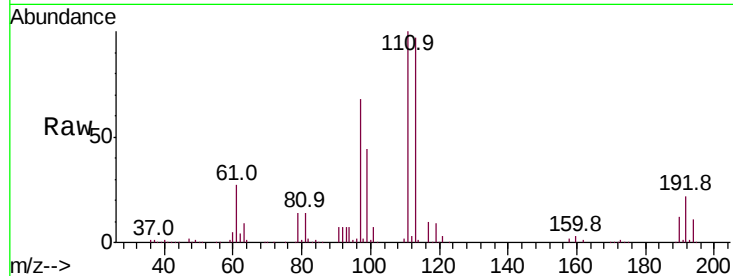
#35
 Dibromofluoromethane
 Concen: 145.417 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	511155		
111	103.3	82.9	124.3	
192	22.6	17.7	26.5	

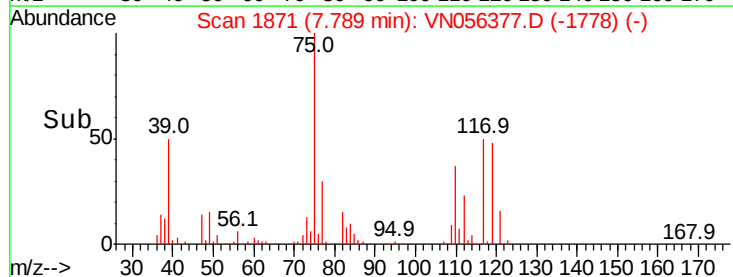
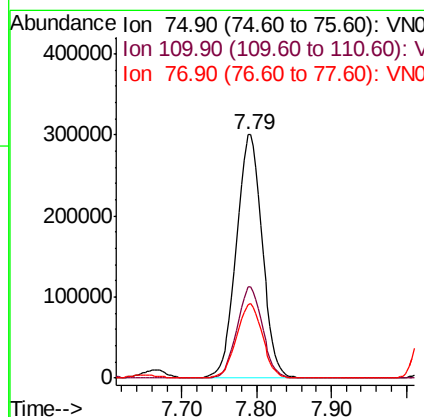
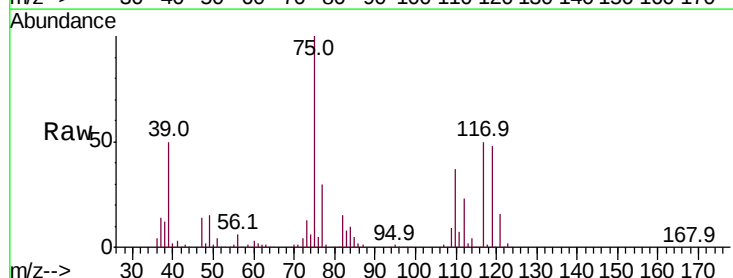
Manual Integrations
 APPROVED

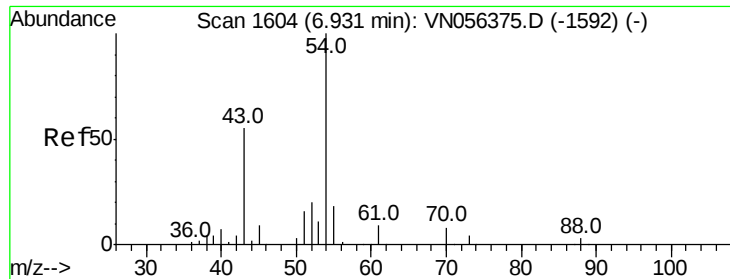
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 146.279 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	720492		
110	36.9	18.1	54.3	
77	30.9	24.6	36.8	





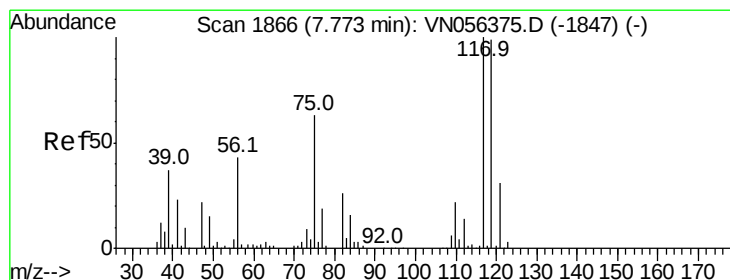
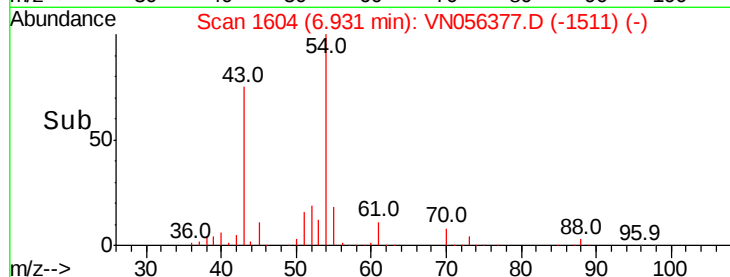
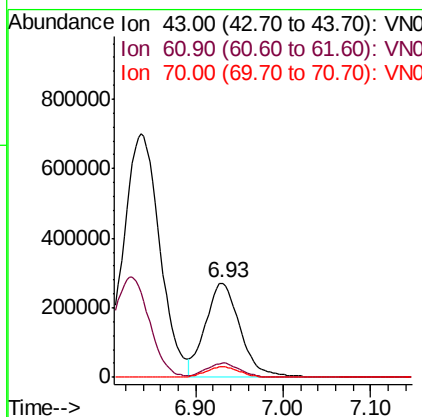
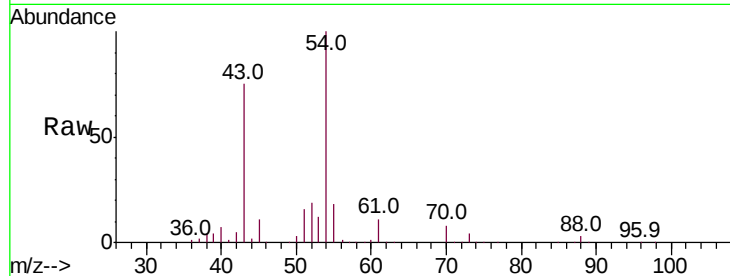
#37
Ethyl Acetate
Concen: 158.493 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.1	16.7
70	10.8	8.3	12.5

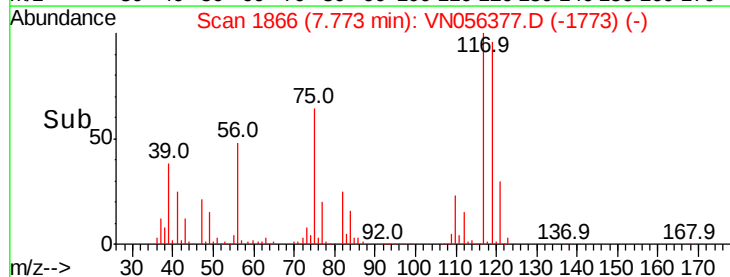
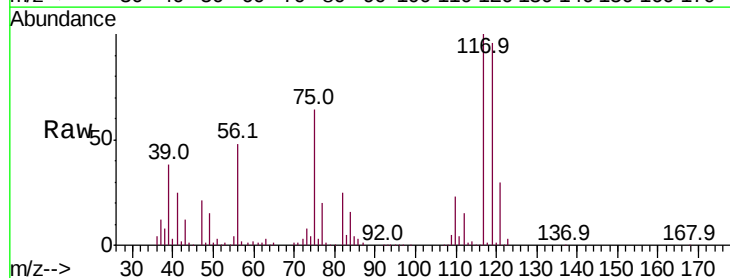
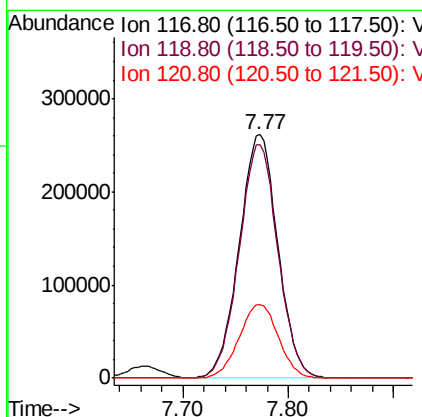
Manual Integrations
APPROVED

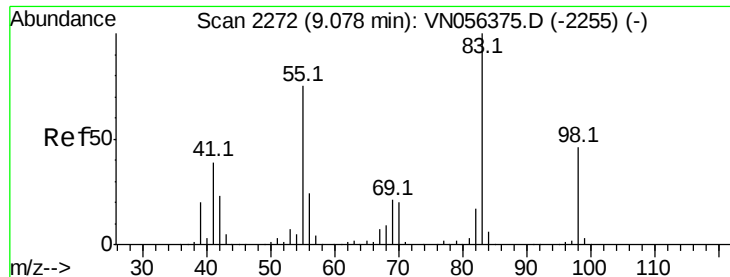
MMDadoda
6/21/2019 10:52:12 PM



#38
Carbon Tetrachloride
Concen: 142.284 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.1	118.7
121	30.3	24.8	37.2





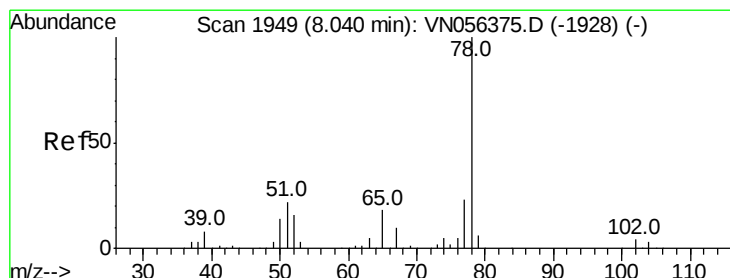
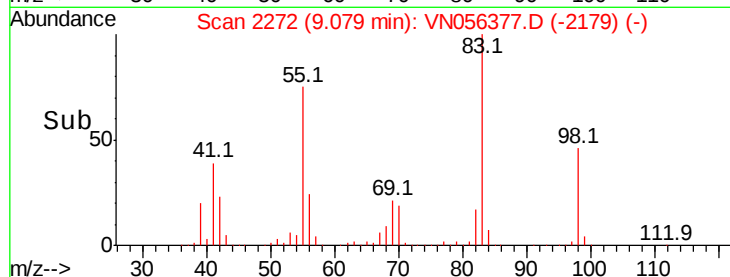
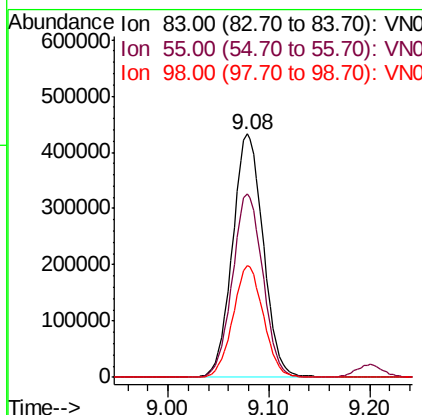
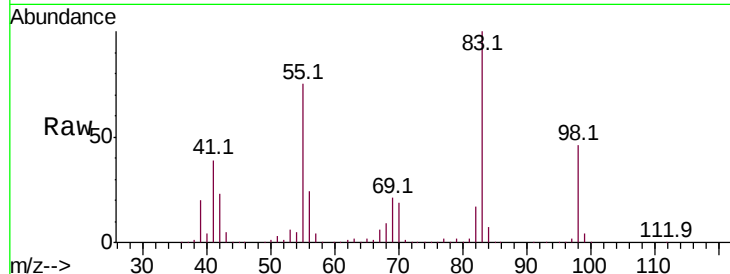
#39
Methvlcvclohexane
Concen: 152.791 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	916147
Ion Ratio	100	Lower	Upper
83	100		
55	75.4	60.0	90.0
98	45.9	36.6	54.8

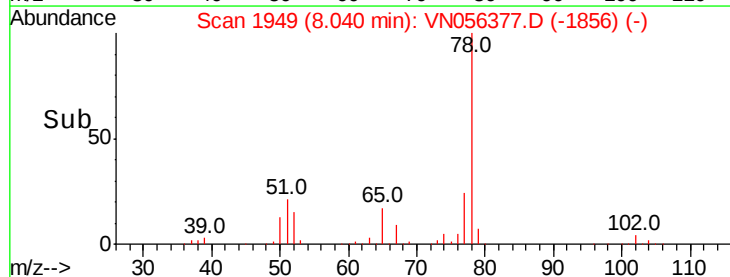
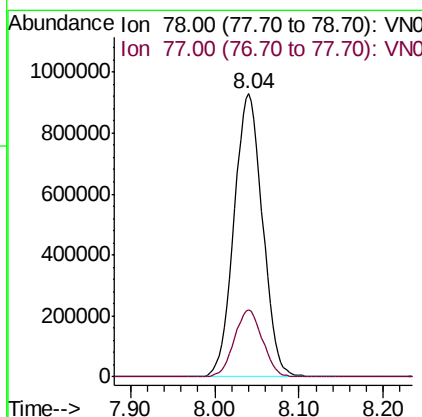
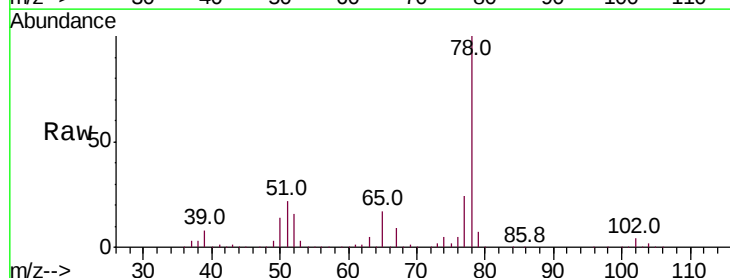
Manual Integrations
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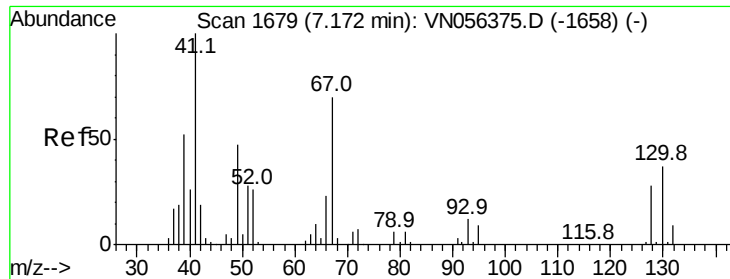
MMDadoda
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#40
Benzene
Concen: 146.788 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	78	Resp	2191529
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	18.3	27.5





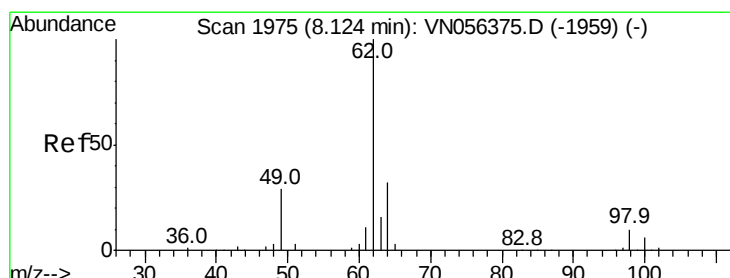
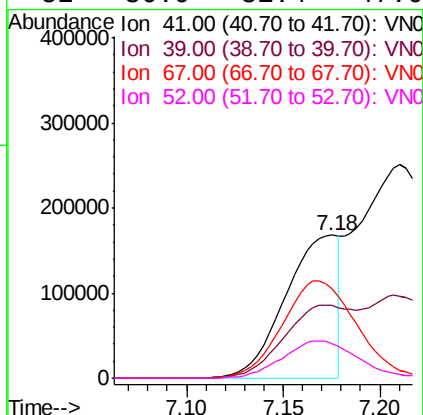
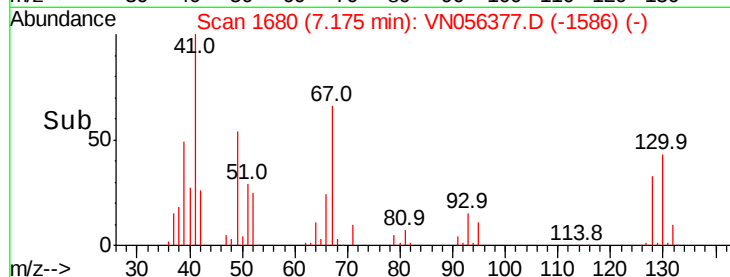
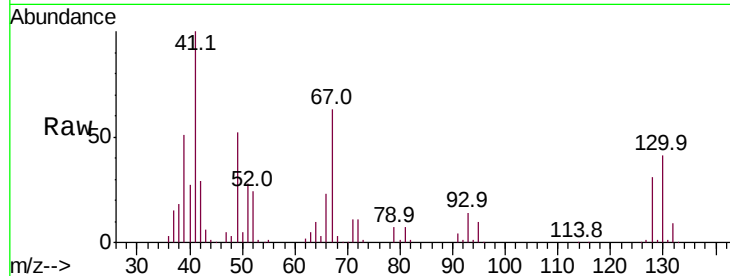
#41
Methacrylonitrile
Concen: 152.363 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.3	55.3	82.9
67	96.5	79.2	118.8
52	36.9	31.4	47.0

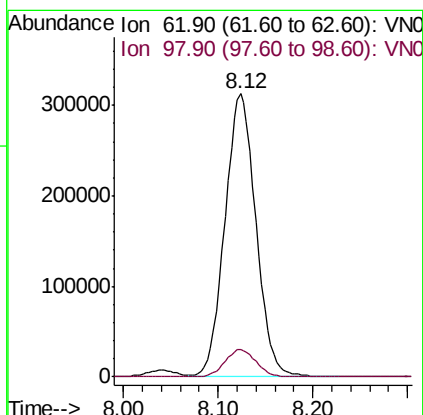
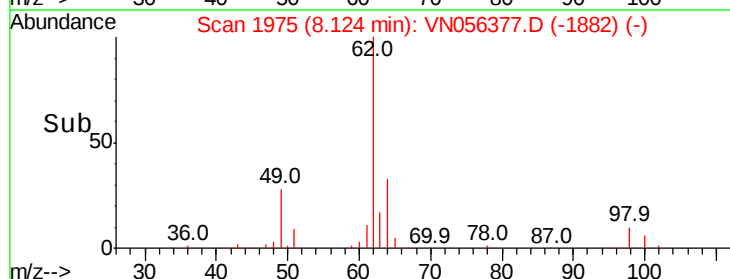
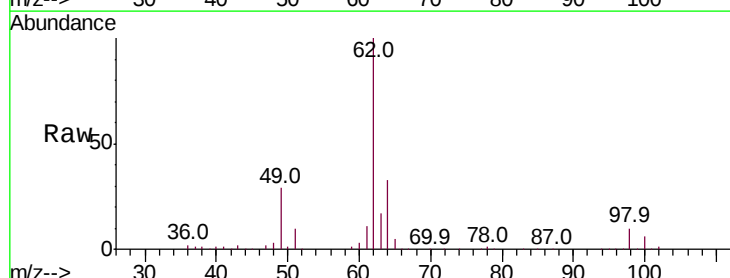
Manual Integrations
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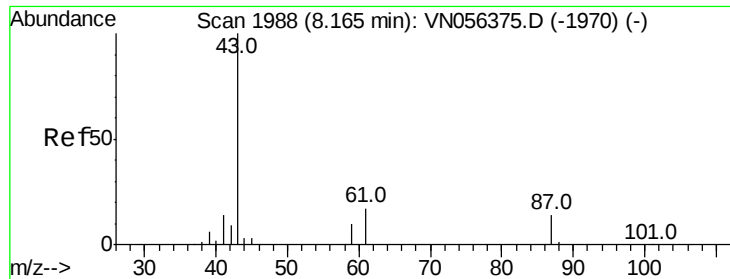
MMDadoda
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#42
1,2-Dichloroethane
Concen: 145.153 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





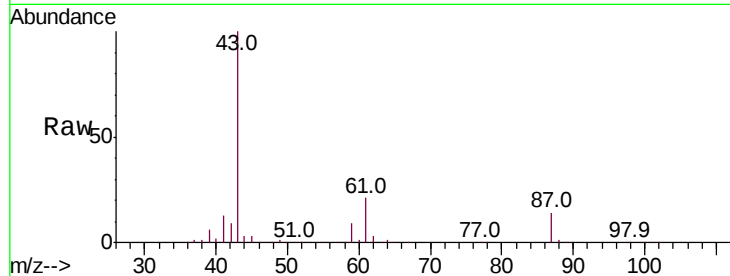
#43
Isopropyl Acetate
Concen: 161.825 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

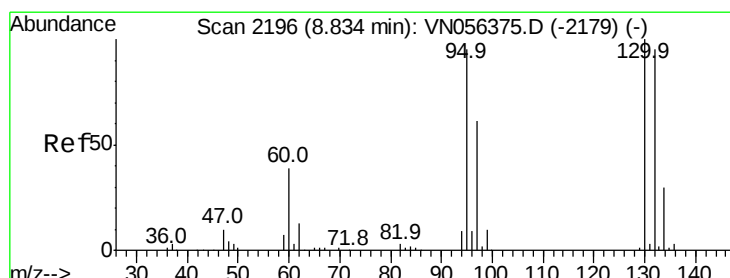
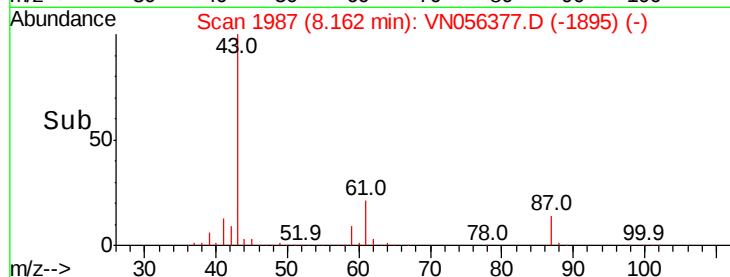
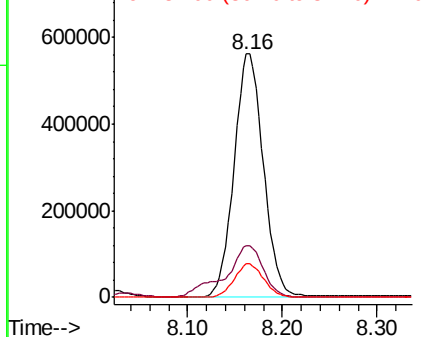
Tot Ion: 43 Resp: 1212079
Ion Ratio Lower Upper
43 100
61 27.7 22.0 33.0
87 13.9 11.0 16.4

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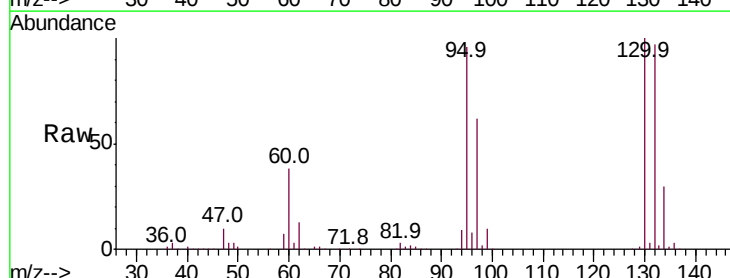


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

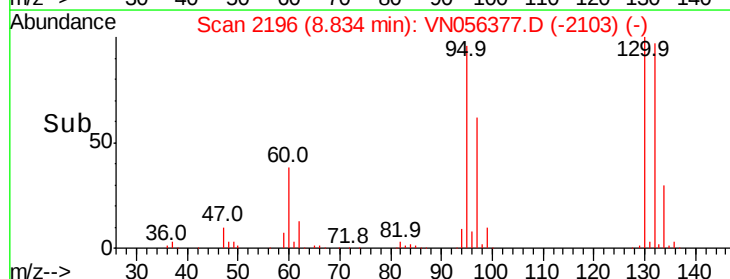
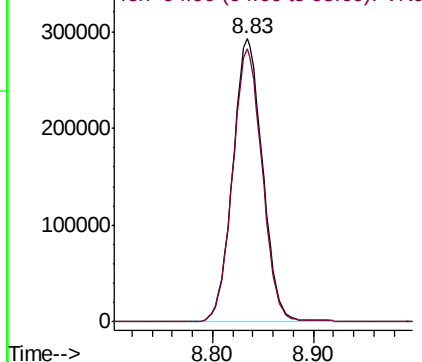


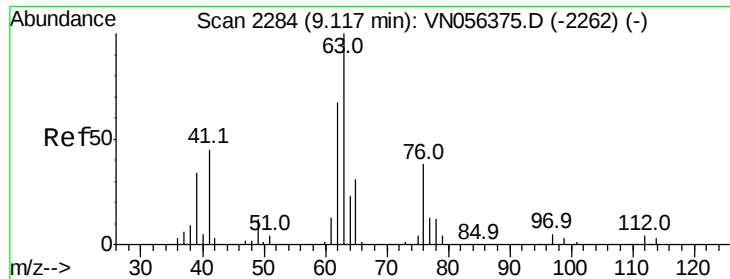
#44
Trichloroethene
Concen: 147.148 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:130 Resp: 598621
Ion Ratio Lower Upper
130 100
95 96.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 150.487 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 594879

Ion Ratio Lower Upper

63 100

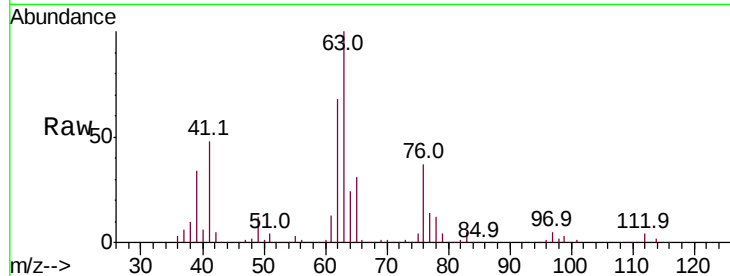
65 31.0 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.12

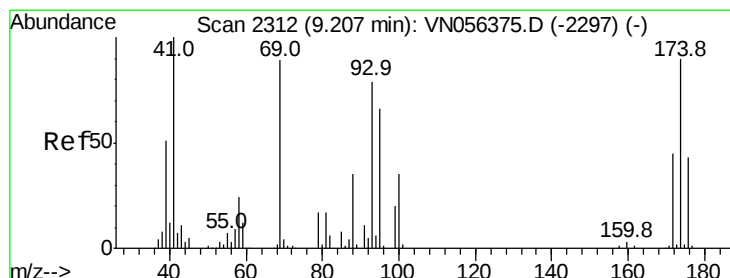
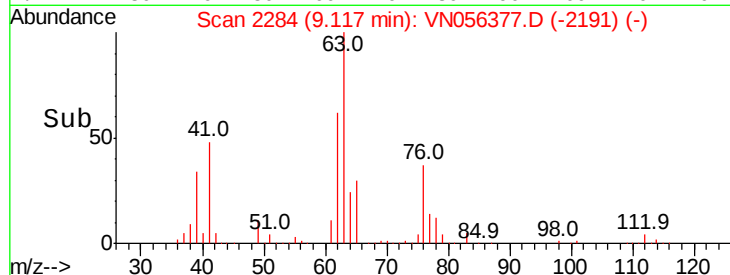
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 144.915 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

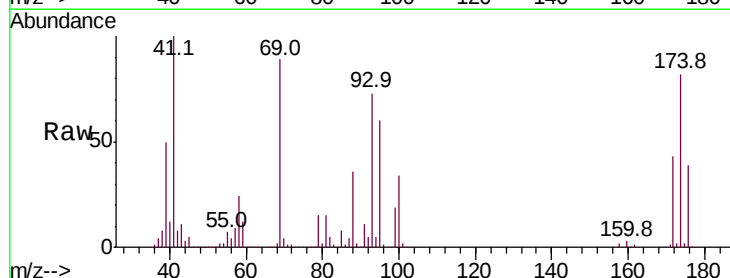
Tgt Ion: 93 Resp: 378899

Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 114.3 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.21

250000

200000

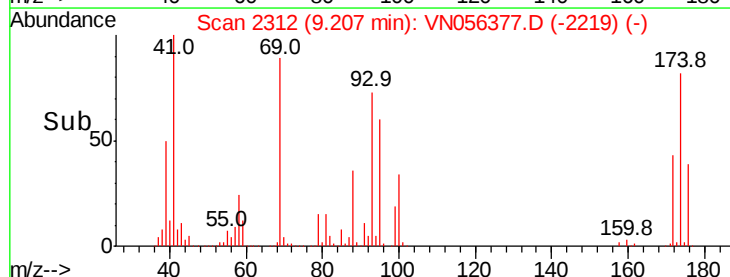
150000

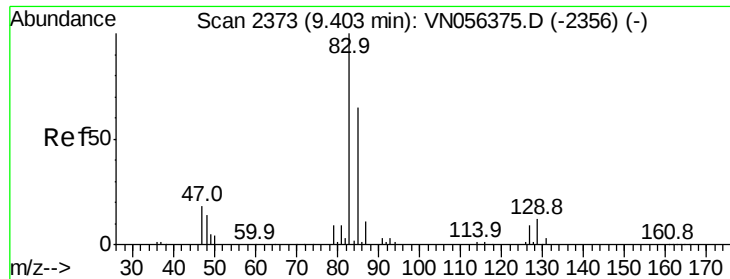
100000

50000

0

Time-->





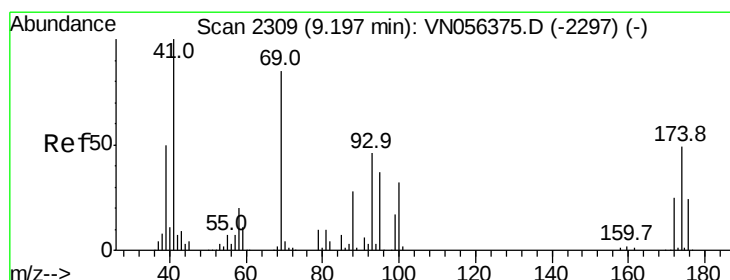
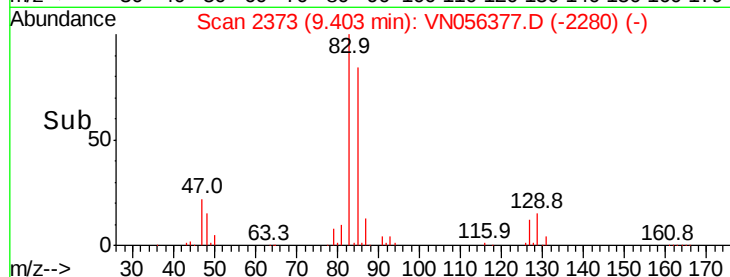
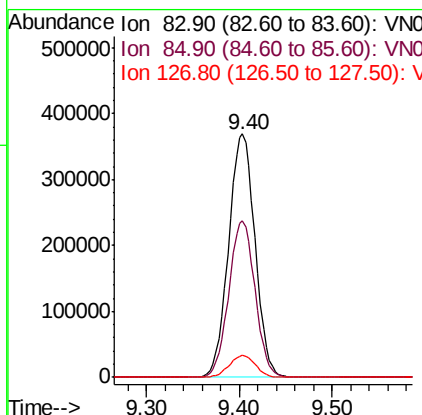
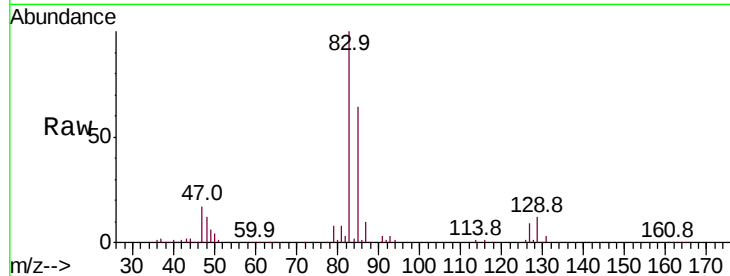
#47
Bromodichloromethane
Concen: 146.801 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.4
127	9.0	7.3	10.9

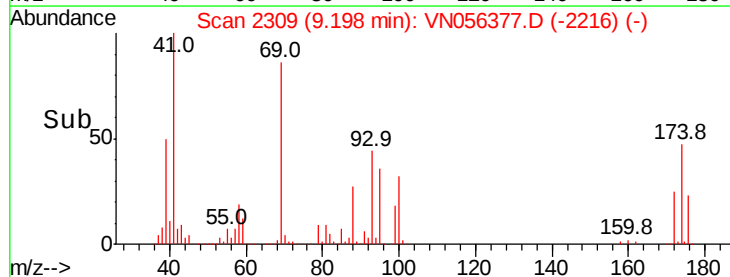
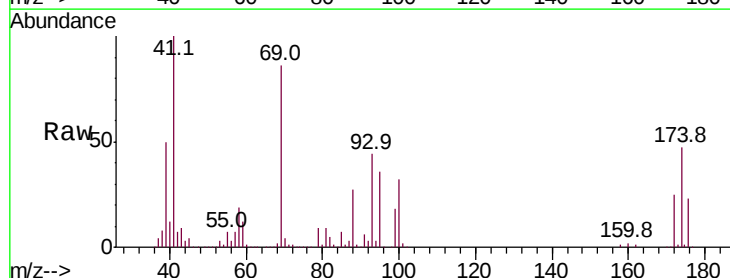
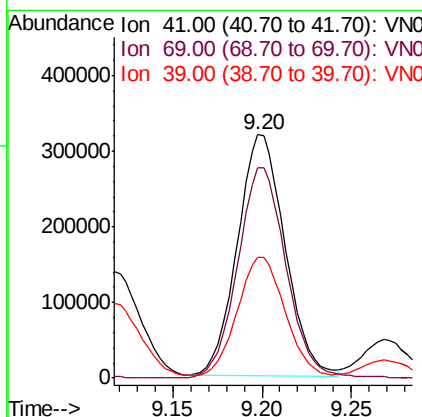
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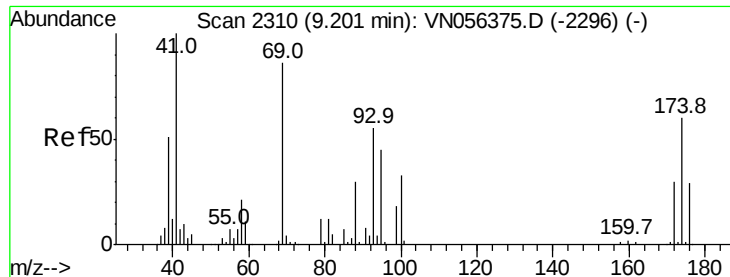
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#48
Methyl methacrylate
Concen: 157.900 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.1	72.6	109.0
39	51.3	42.6	63.8





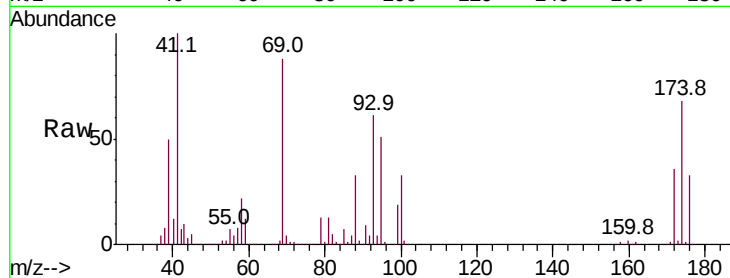
#49
1,4-Dioxane
Concen: 3082.885 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

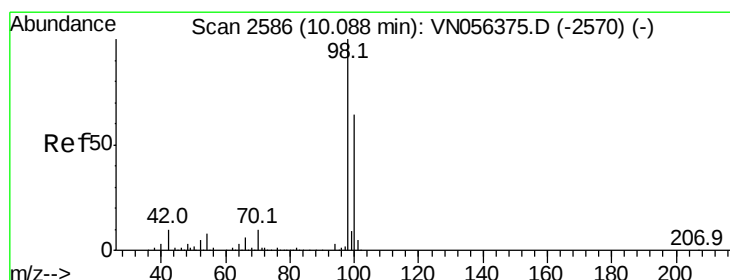
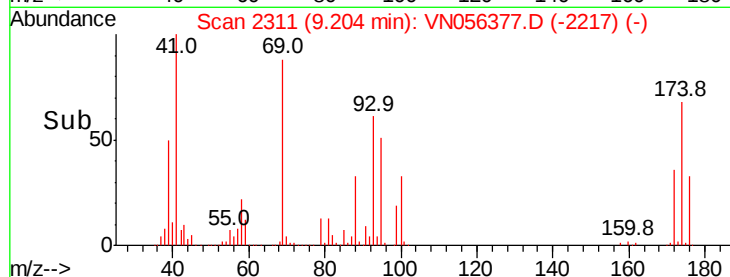
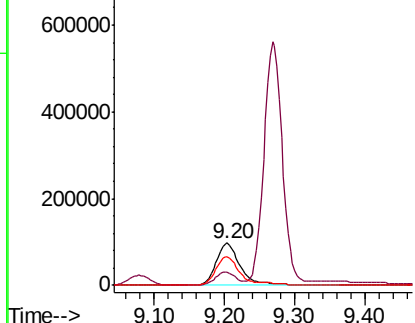
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	22.0	33.0
58	65.1	51.8	77.8

Manual Integrations
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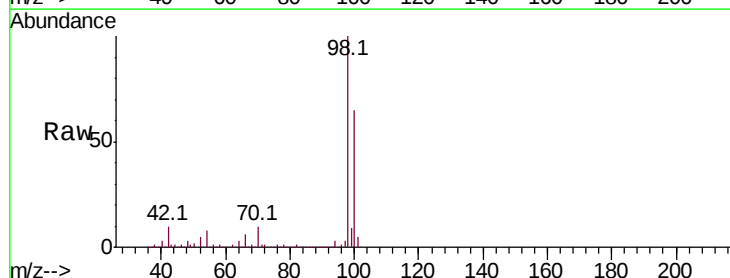


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

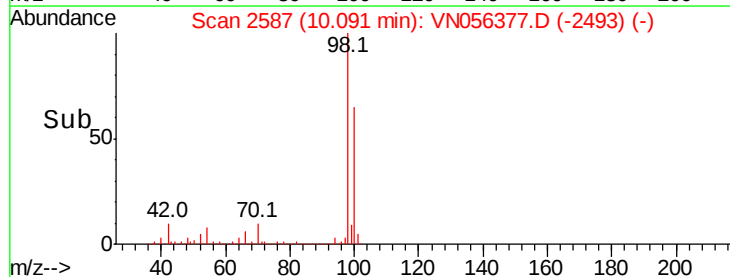
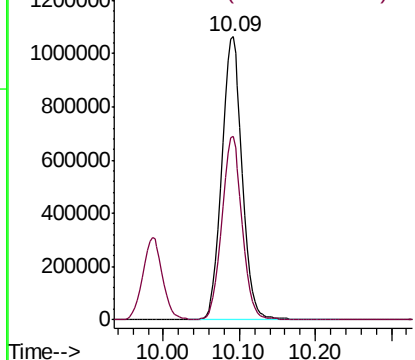


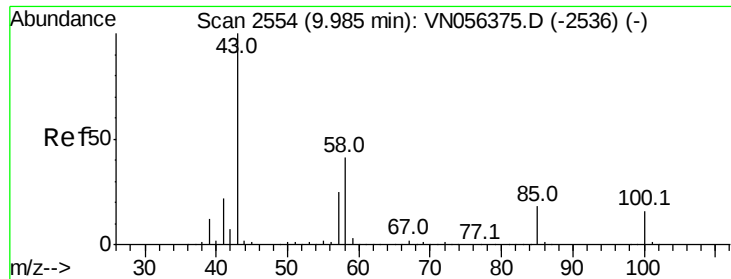
#50
Toluene-d8
Concen: 147.203 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 759.063 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tot Ion: 43 Resp: 3617380

Ion Ratio Lower Upper

43 100

58 40.5 31.8 47.8

Instrument :

MSVOA_N

ClientSampled :

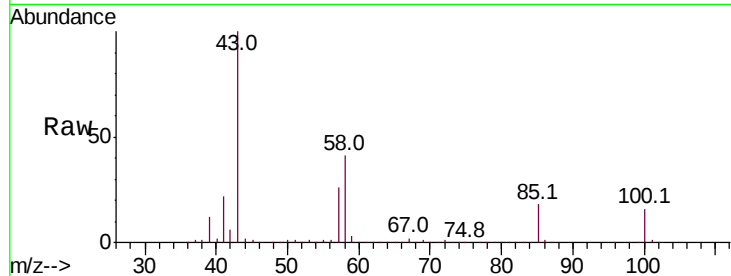
VSTDIC150

Manual Integrations

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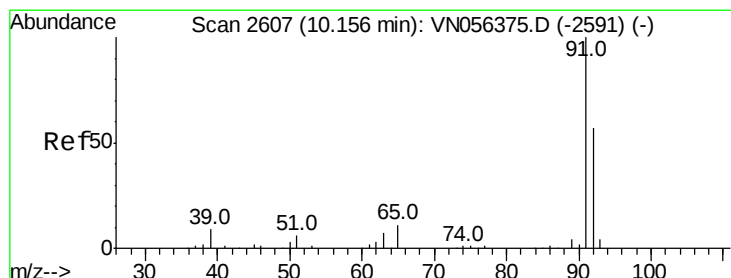
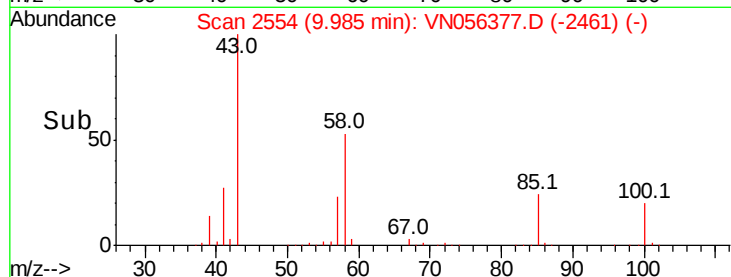
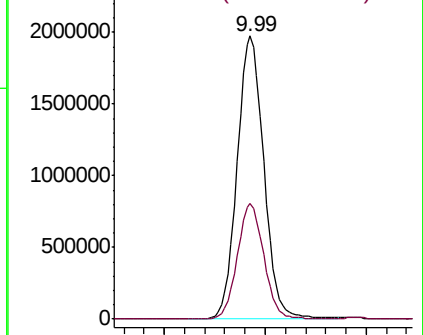
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 151.367 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056377.D

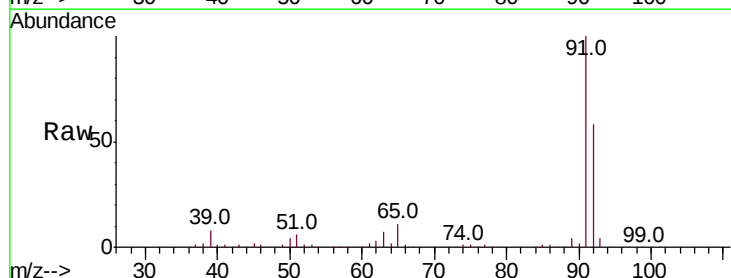
Acq: 19 Jun 2019 10:49

Tgt Ion: 92 Resp: 1376285

Ion Ratio Lower Upper

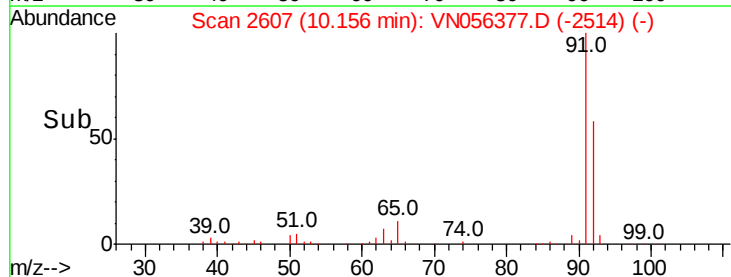
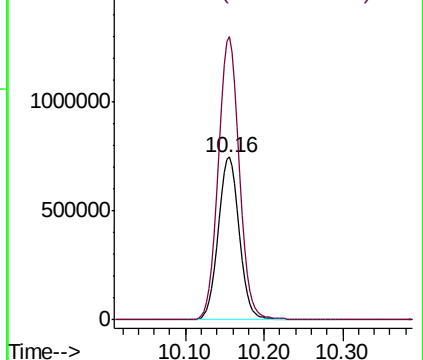
92 100

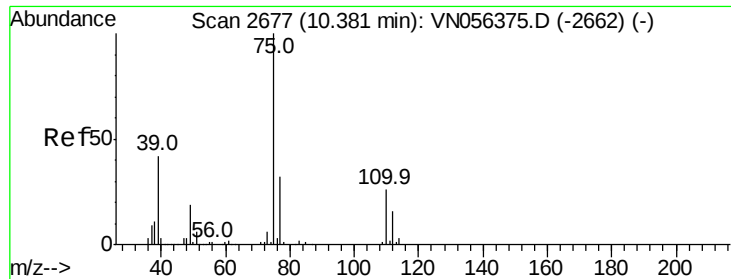
91 173.9 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





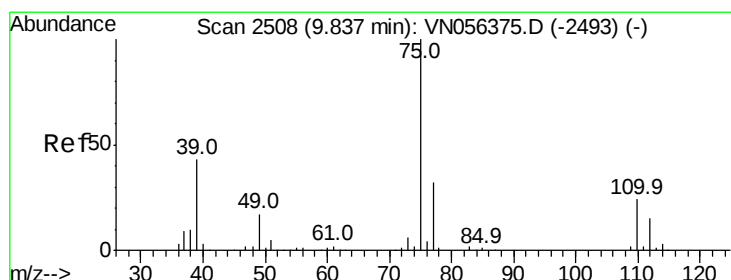
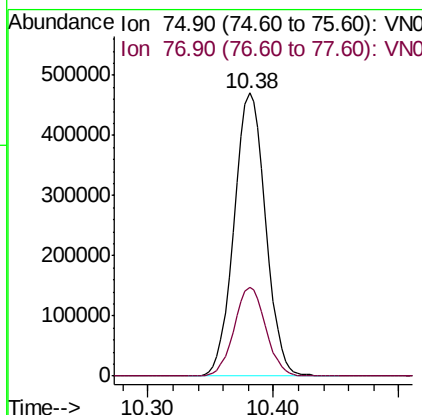
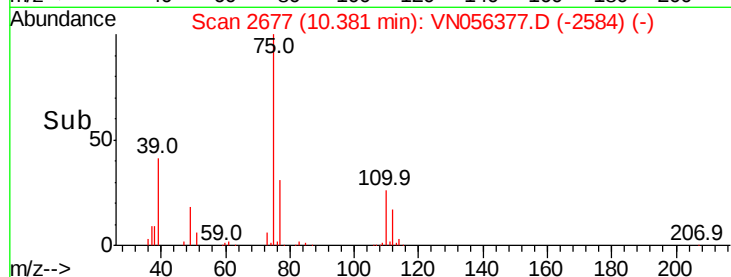
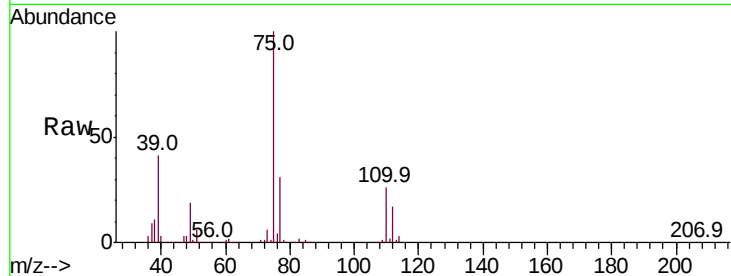
#53
t-1,3-Dichloropropene
Concen: 165.985 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 75 Resp: 820649
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

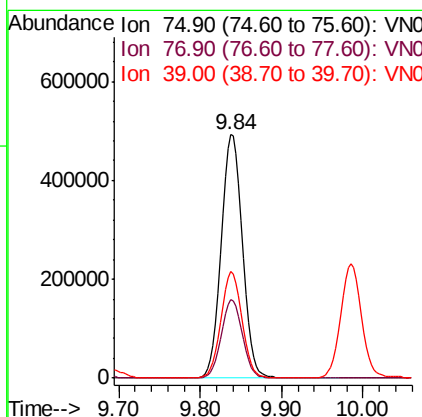
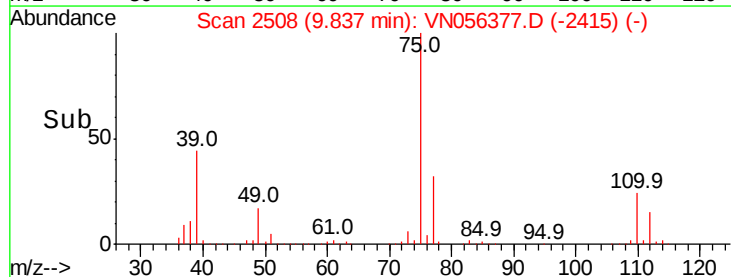
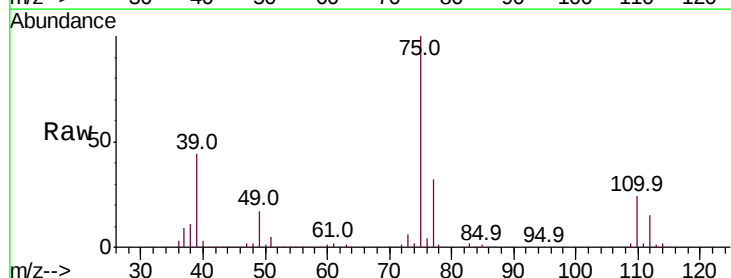
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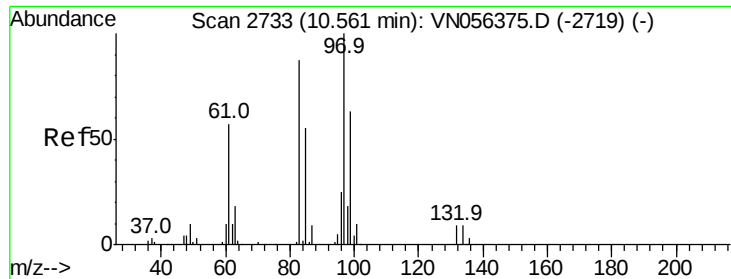
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#54
cis-1,3-Dichloropropene
Concen: 159.556 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 75 Resp: 913831
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 43.5 34.2 51.4





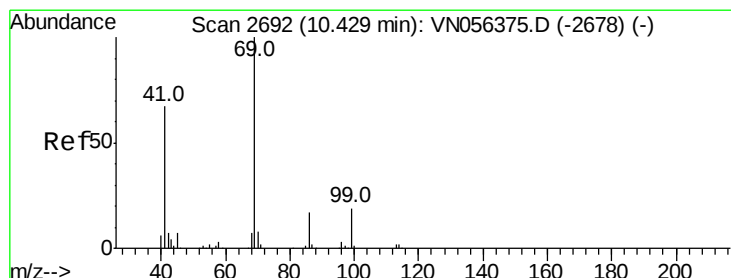
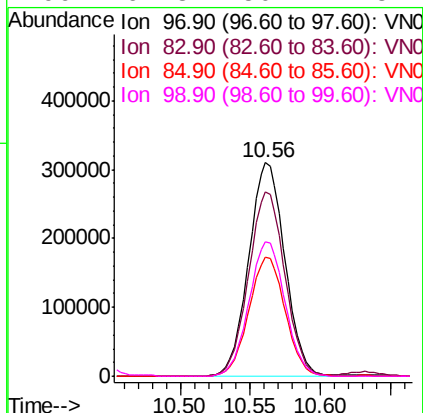
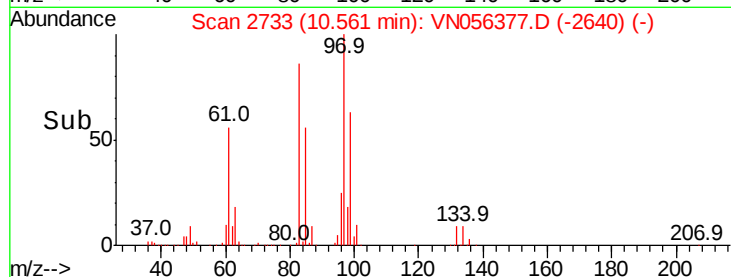
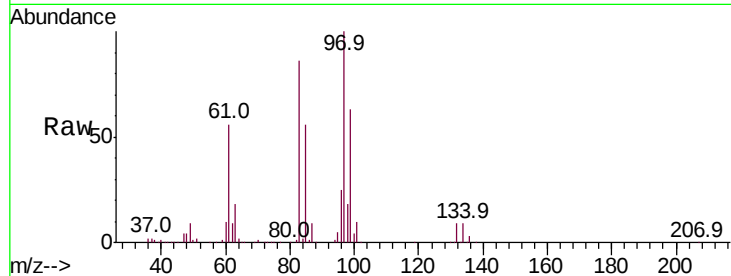
#55
 1,1,2-Trichloroethane
 Concen: 148.385 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	556840
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.6
85	55.5	43.8	65.8
99	62.8	50.2	75.2

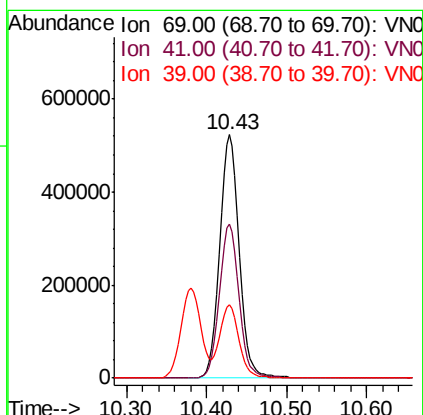
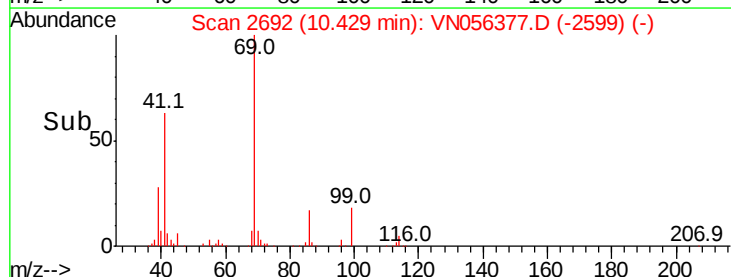
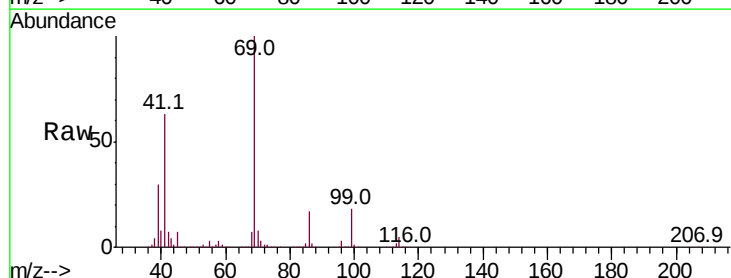
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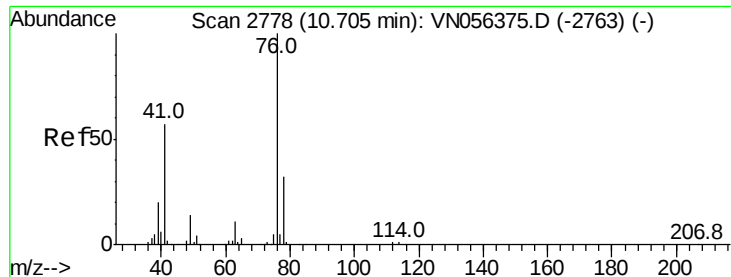
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#56
 Ethyl methacrylate
 Concen: 164.232 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion:	69	Resp:	884775
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.4	77.2
39	29.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 148.617 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 938407

Ion Ratio Lower Upper

76 100

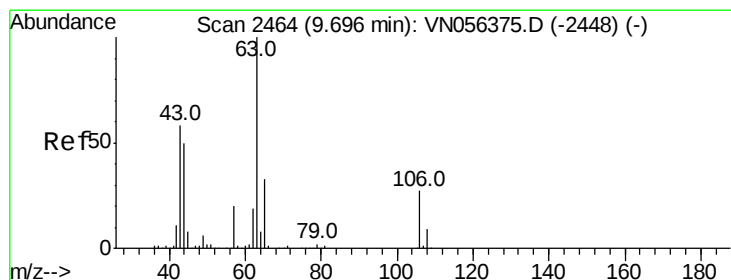
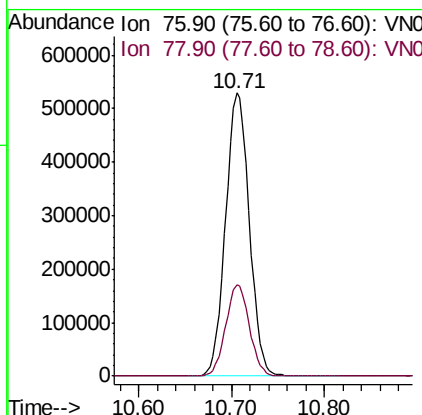
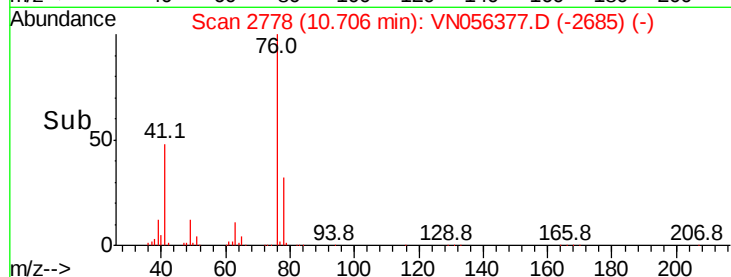
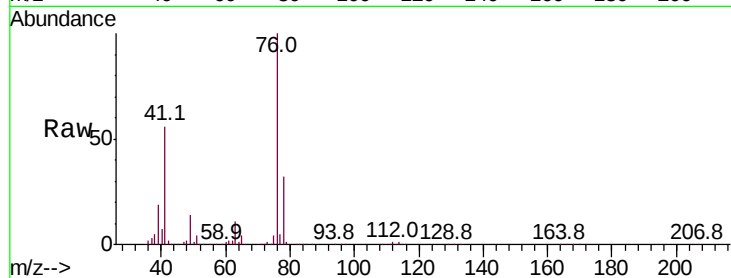
78 32.3 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 947.807 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056377.D

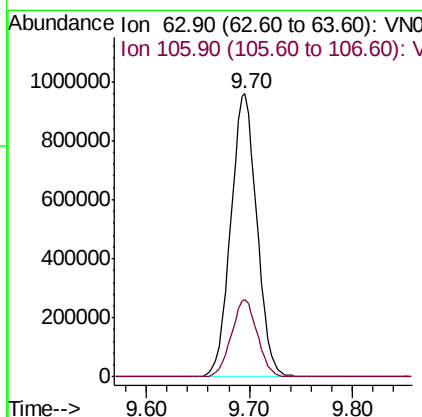
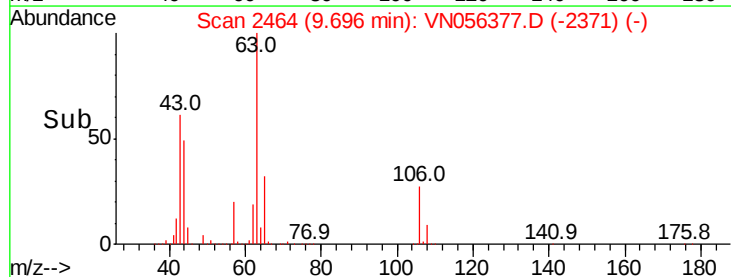
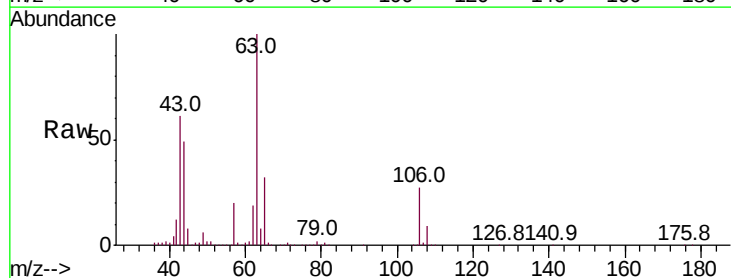
Acq: 19 Jun 2019 10:49

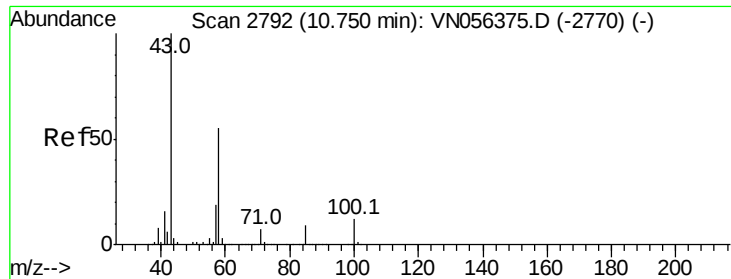
Tgt Ion: 63 Resp: 1687721

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





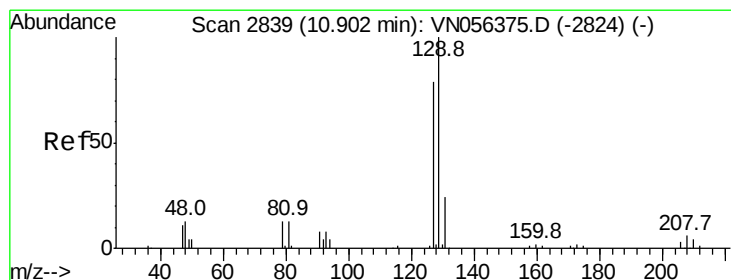
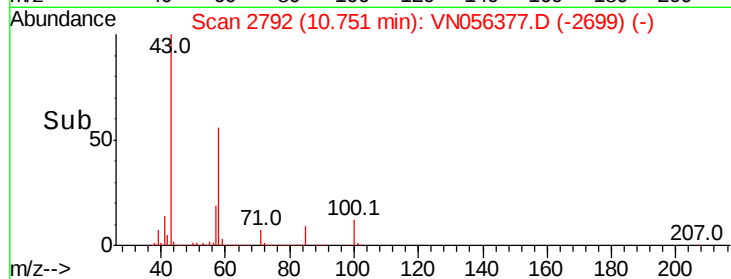
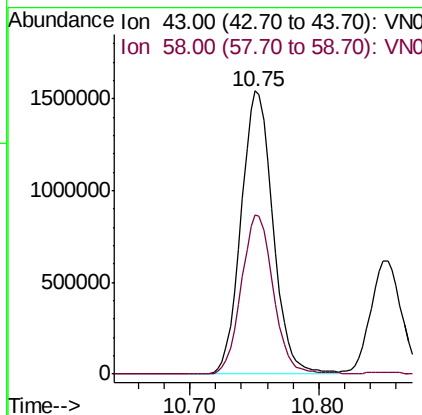
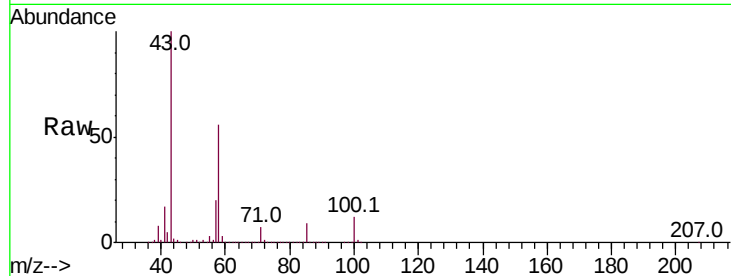
#59
2-Hexanone
Concen: 751.007 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2650002
Ion Ratio Lower Upper
43 100
58 56.6 27.8 83.4

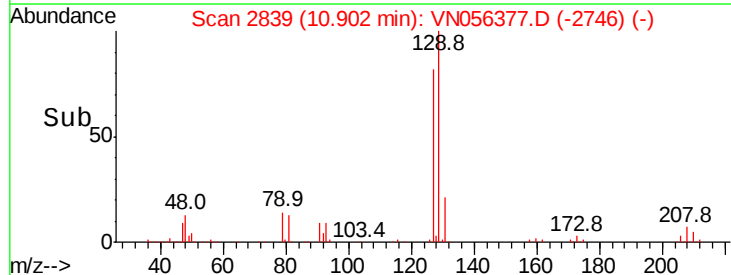
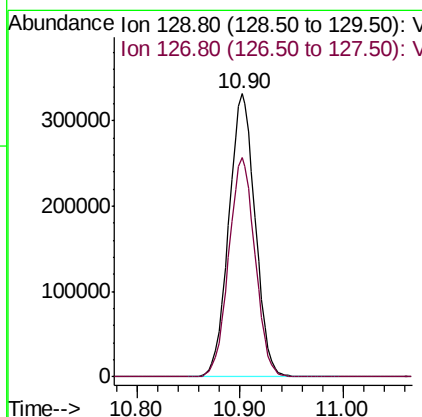
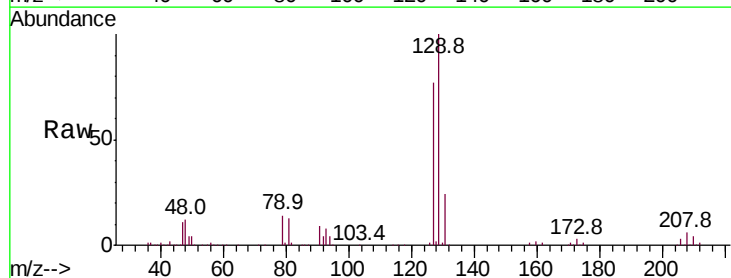
Manual Integrations
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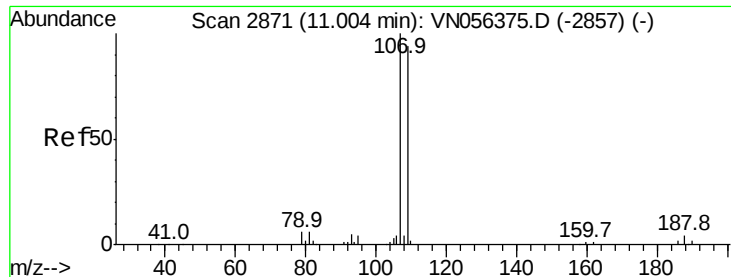
MMDadoda
6/21/2019 10:52:12 PM



#60
Dibromochloromethane
Concen: 152.751 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 129 Resp: 590988
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





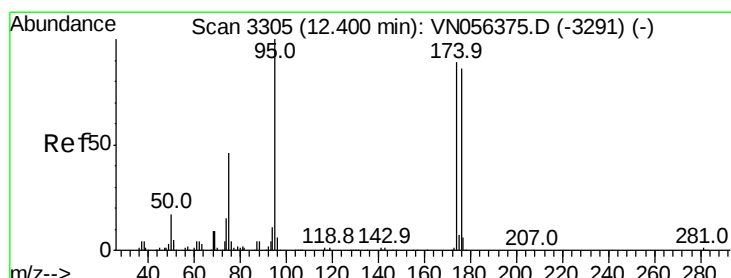
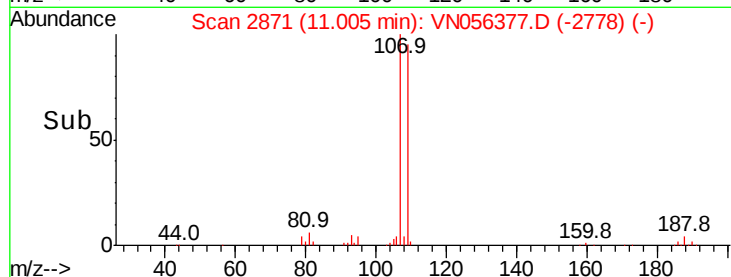
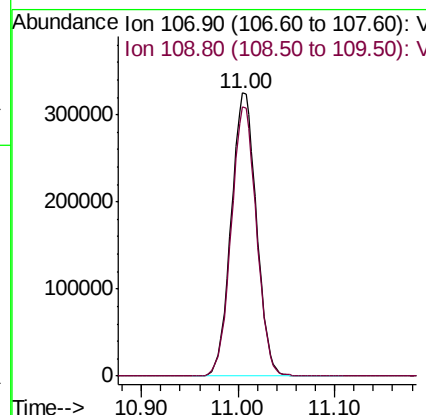
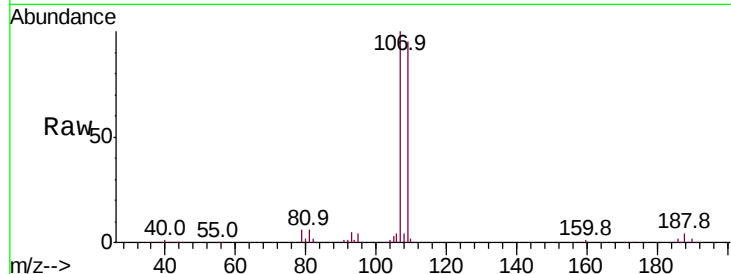
#61
 1,2-Dibromoethane
 Concen: 153.371 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	590565		
109	94.8	75.3	112.9	

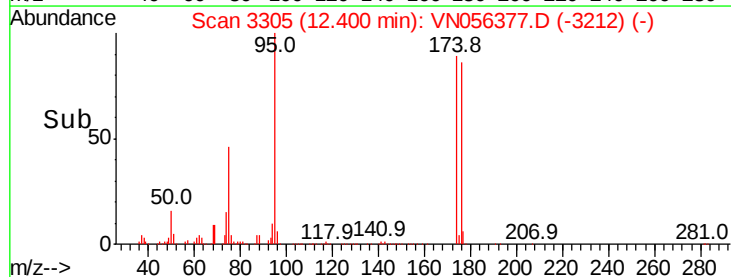
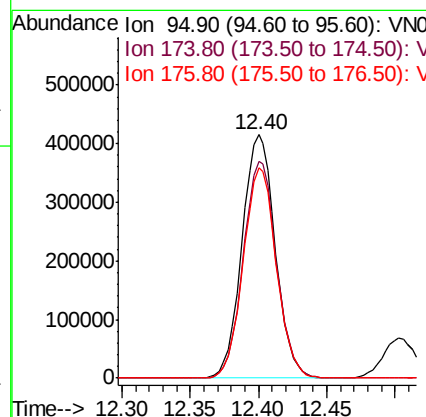
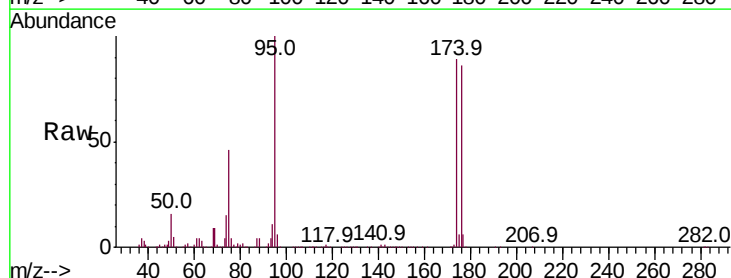
Manual Integrations
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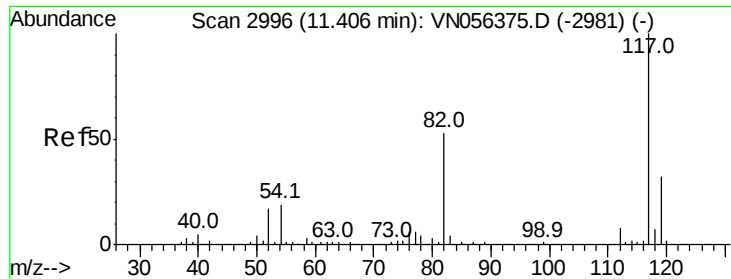
MMDadoda
 6/21/2019 10:52:12 PM



#62
 4-Bromofluorobenzene
 Concen: 156.916 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	699497		
174	88.9	0.0	179.4	
176	86.4	0.0	173.4	





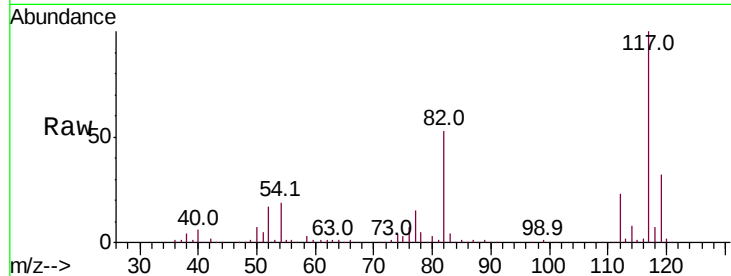
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	31.7	25.3	37.9

Manual Integrations
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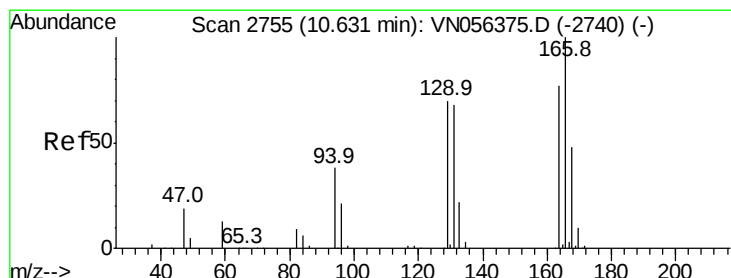
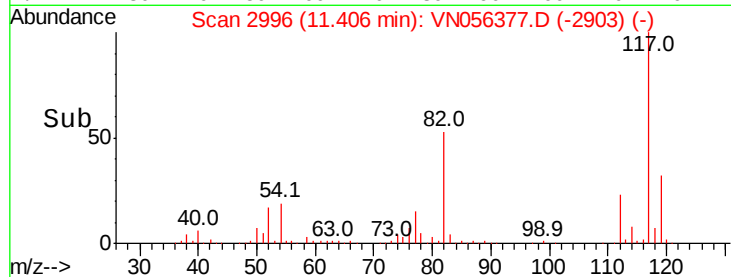
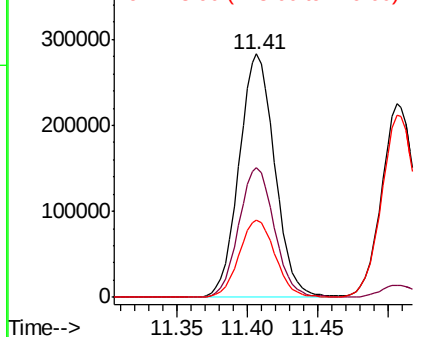


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 136.717 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.4	155.0
129	90.8	72.0	108.0
131	88.1	70.2	105.2

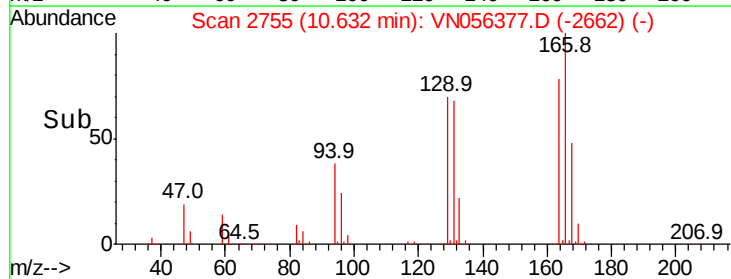
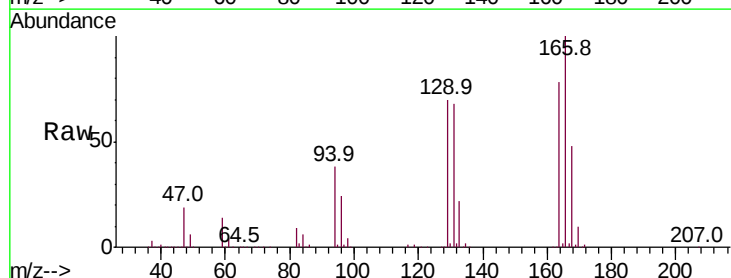
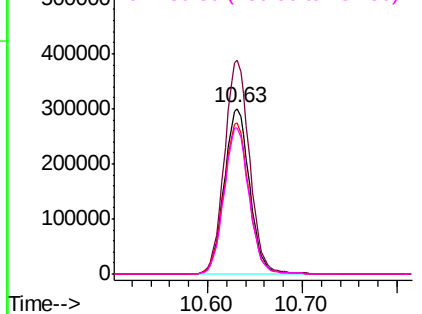
Abundance

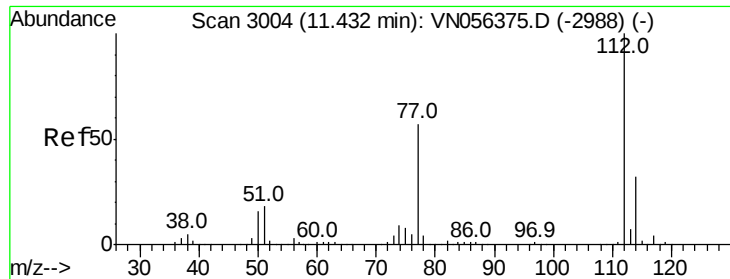
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





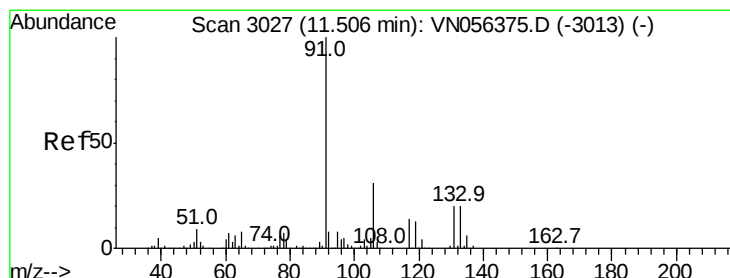
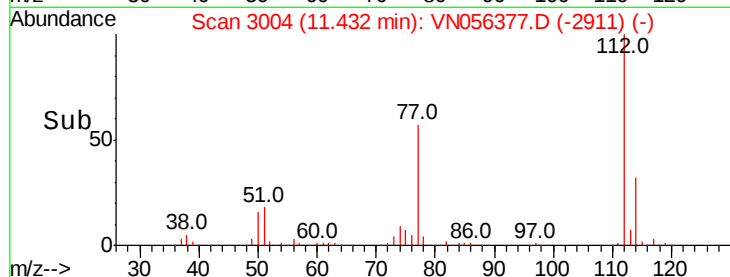
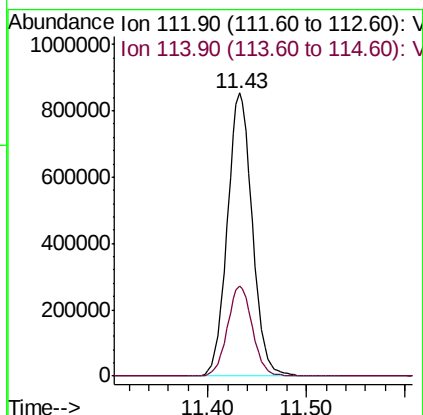
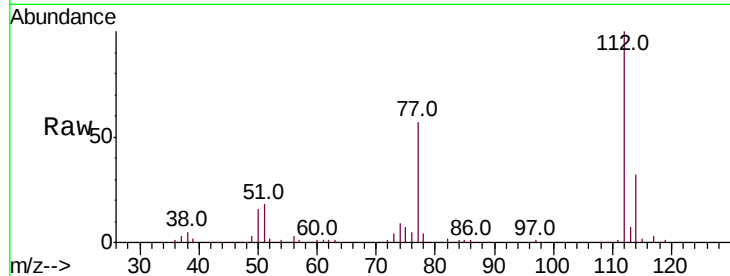
#65
Chlorobenzene
Concen: 148.700 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1507637
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

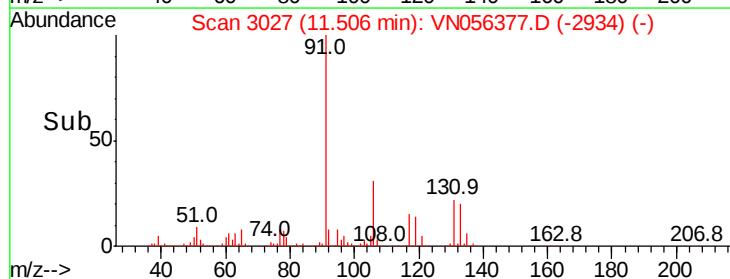
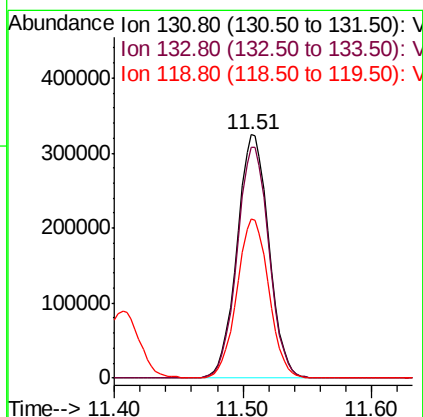
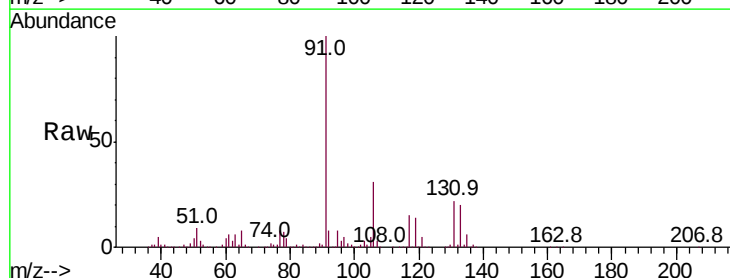
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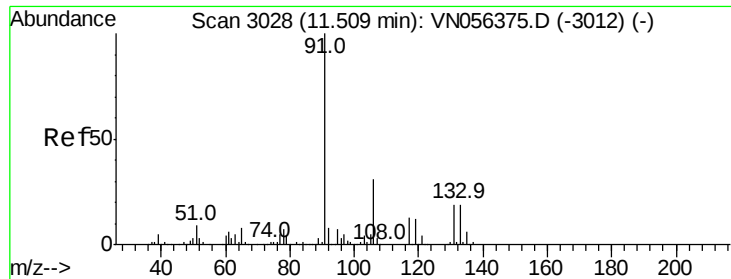
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 147.974 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:131 Resp: 556522
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 65.6 32.8 98.4





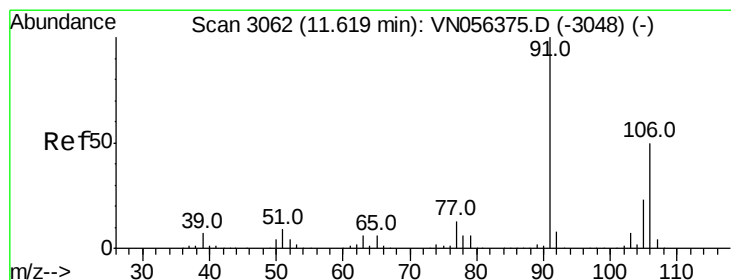
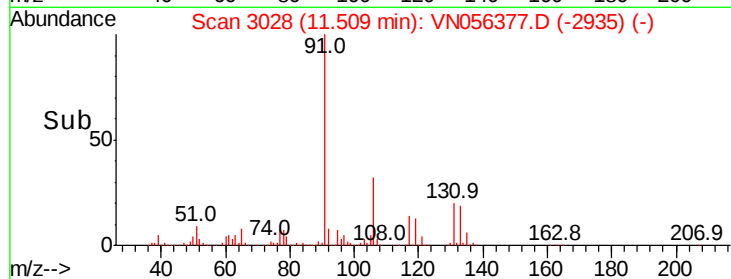
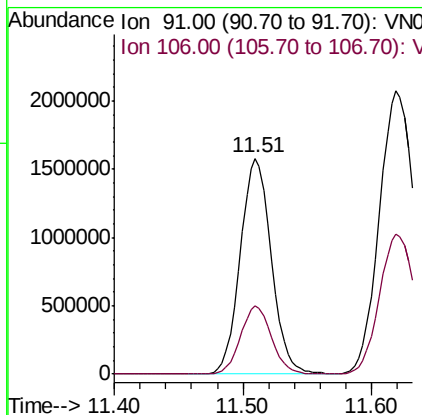
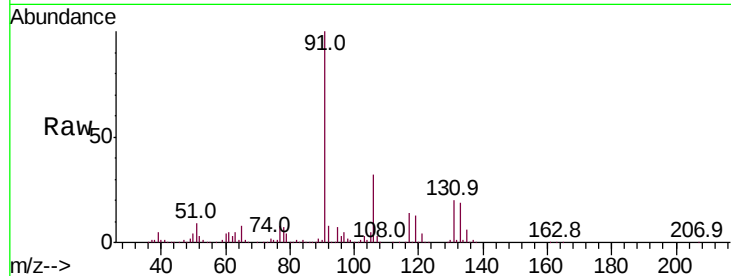
#67
Ethyl Benzene
Concen: 152.144 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2653045
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

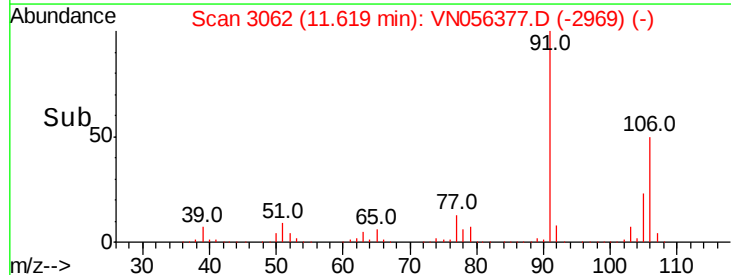
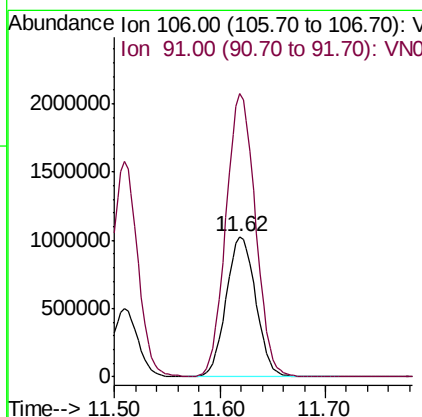
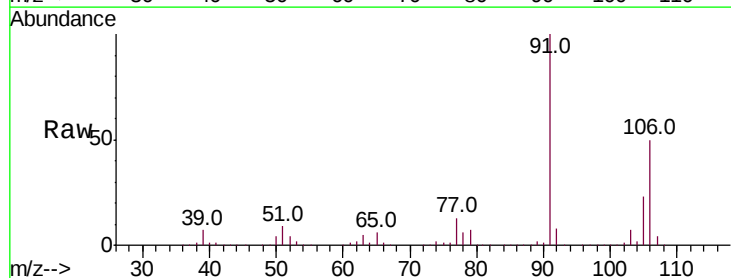
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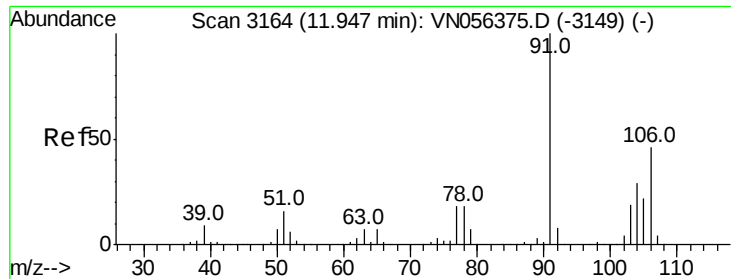
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#68
m/p-Xylenes
Concen: 307.304 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 106 Resp: 1990788
Ion Ratio Lower Upper
106 100
91 201.8 160.1 240.1





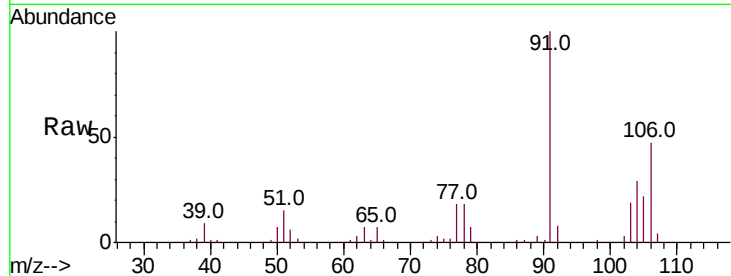
#69
o-Xylene
Concen: 151.411 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

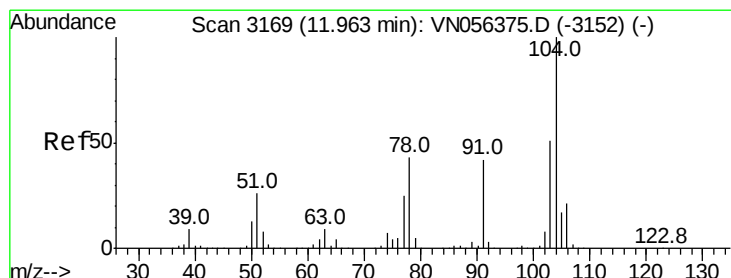
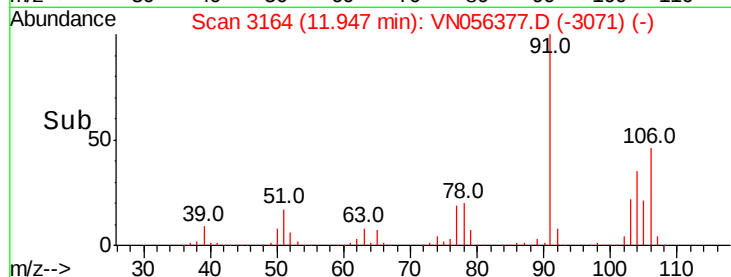
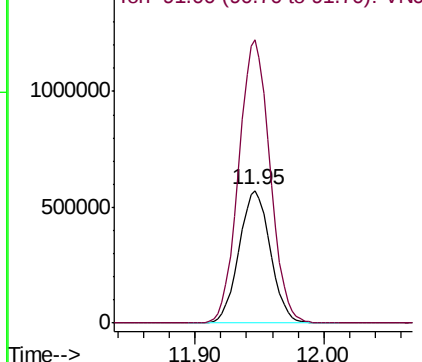
Tot Ion:106 Resp: 966749
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.3

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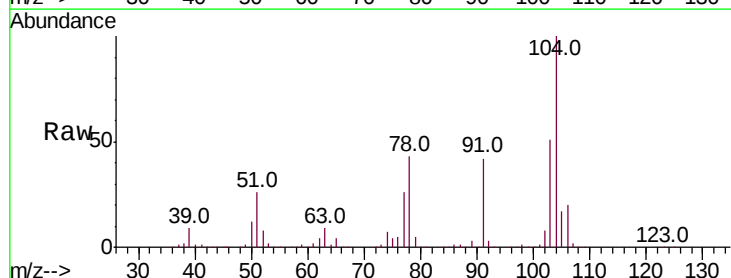


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

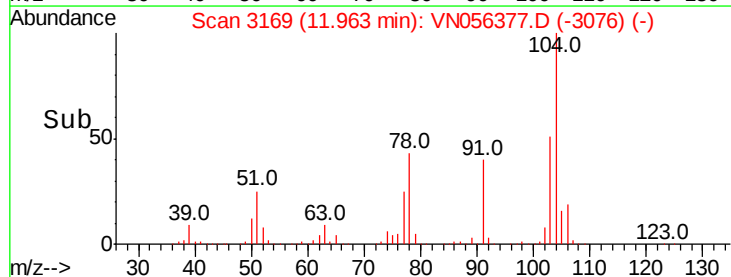
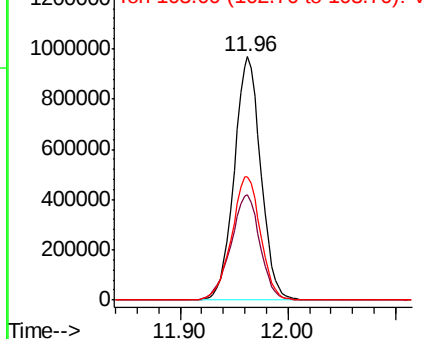


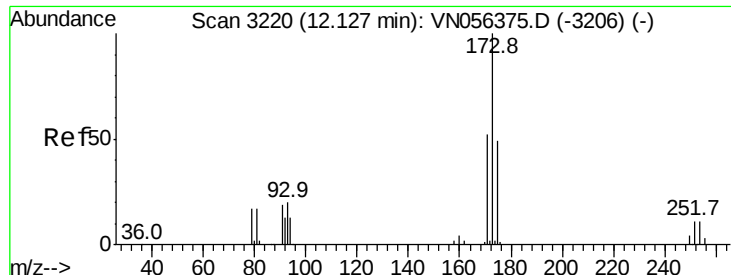
#70
Styrene
Concen: 161.306 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:104 Resp: 1661855
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





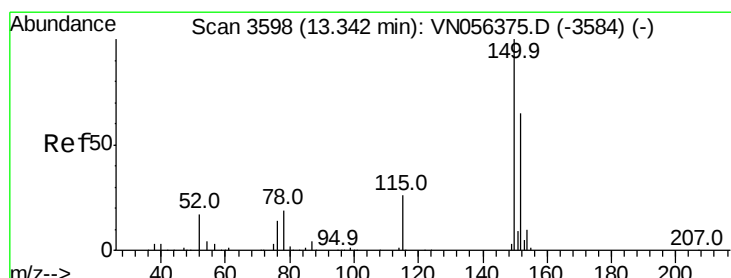
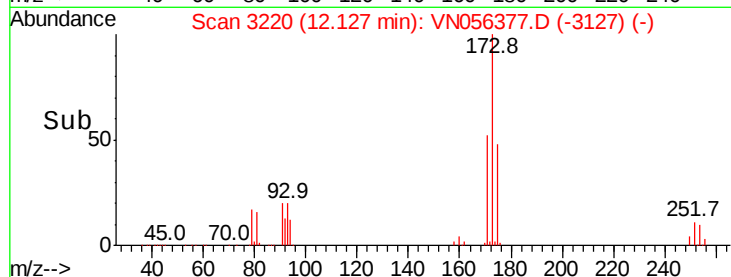
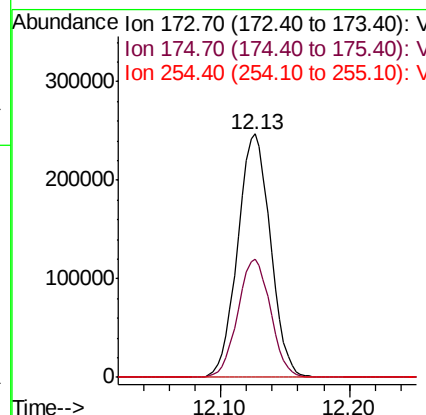
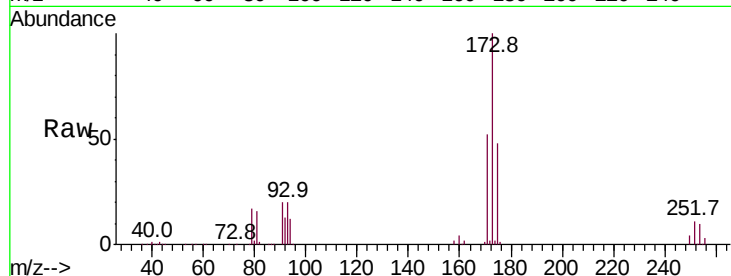
#71
Bromoform
Concen: 152.350 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	0.1	0.0	0.0#

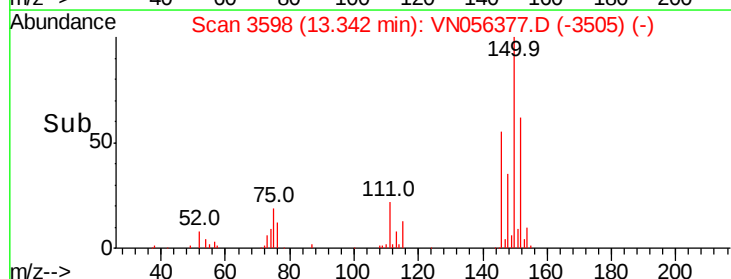
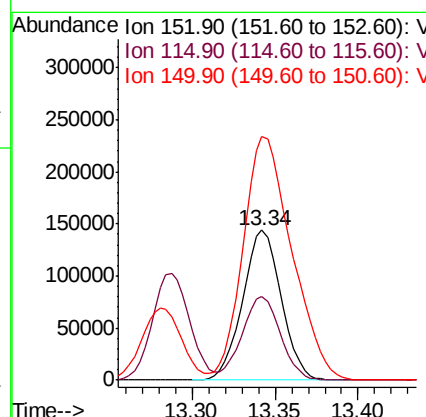
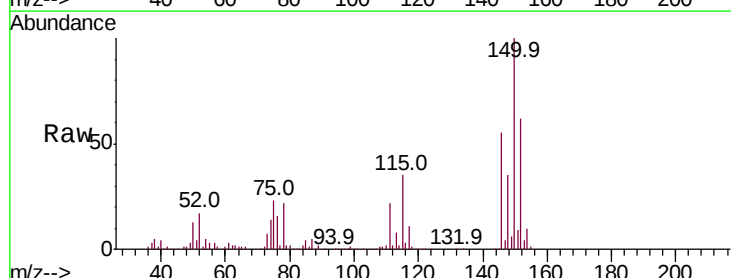
Manual Integrations
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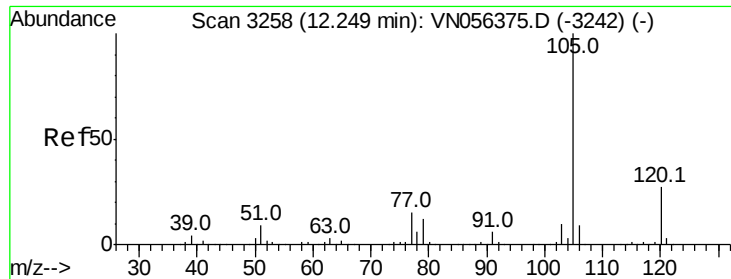
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.4
150	205.1	0.0	348.4





#73

Isopropylbenzene

Concen: 127.886 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tot Ion: 105 Resp: 2540037

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2

Instrument :

MSVOA_N

ClientSampleId :

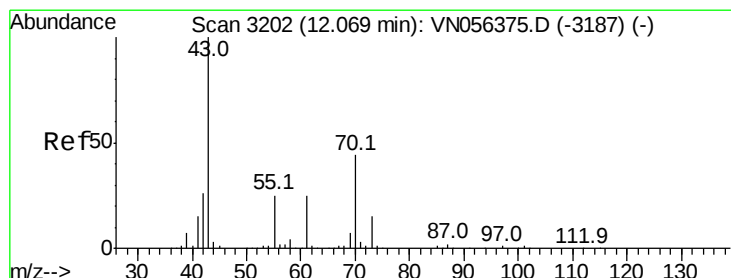
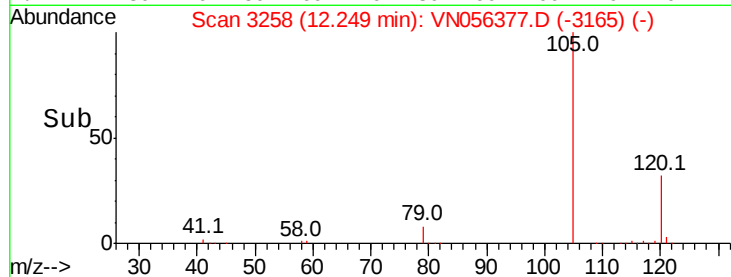
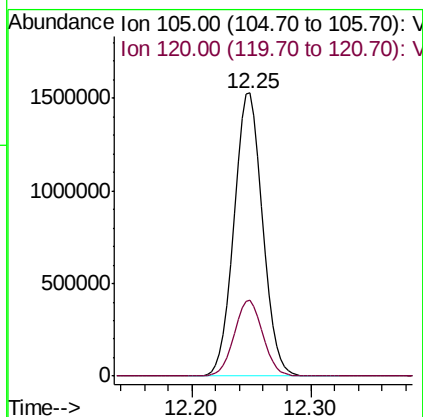
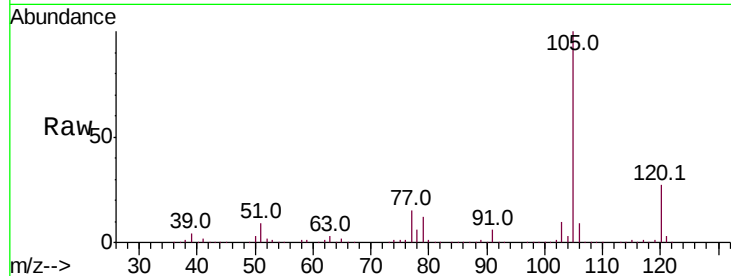
VSTDIC150

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 135.395 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tgt Ion: 43 Resp: 988721

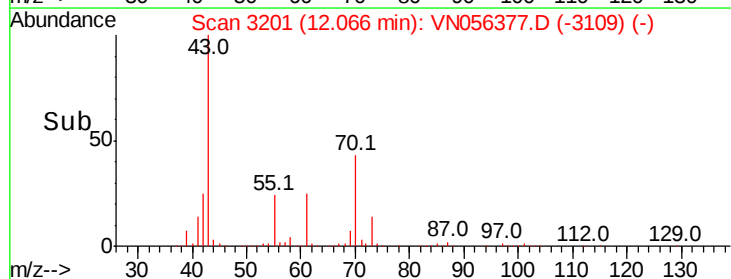
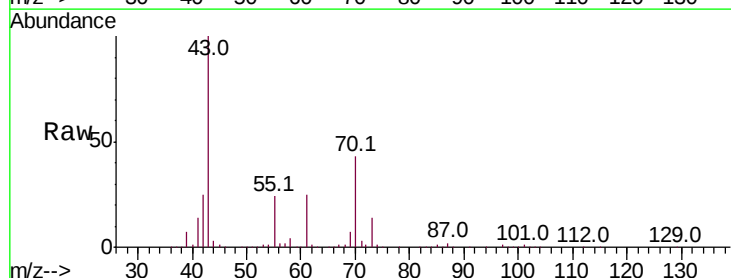
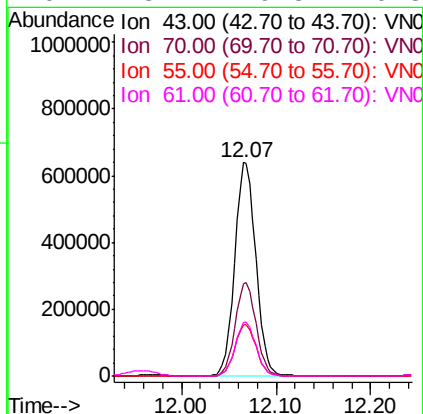
Ion Ratio Lower Upper

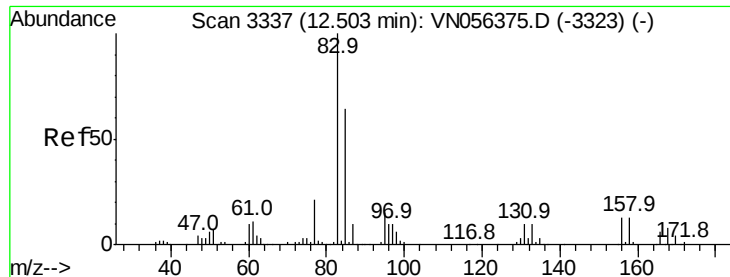
43 100

70 43.4 34.9 52.3

55 24.4 20.4 30.6

61 25.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 119.395 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

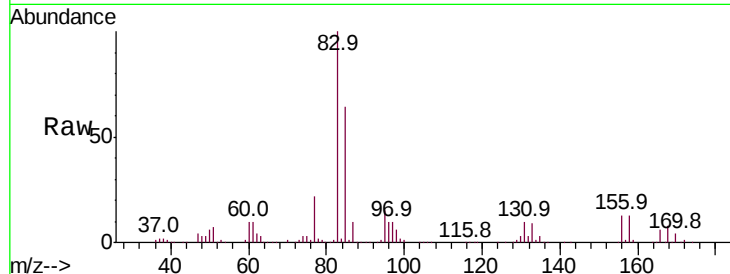
ClientSampleId :

VSTDIC150

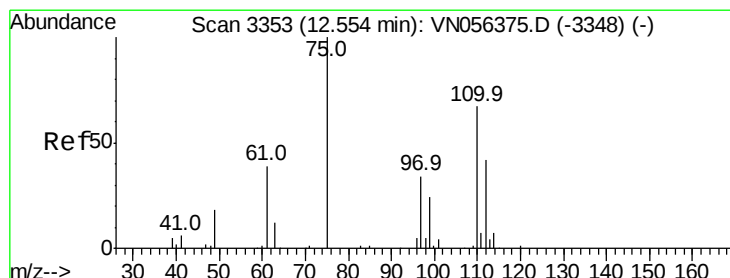
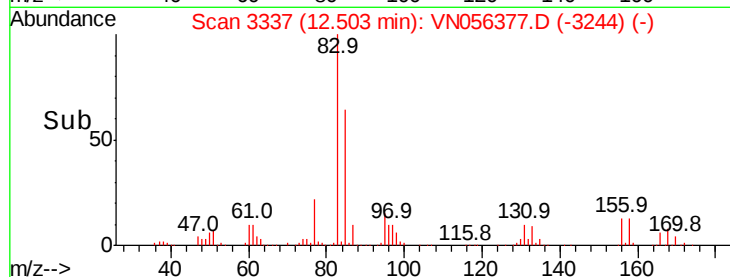
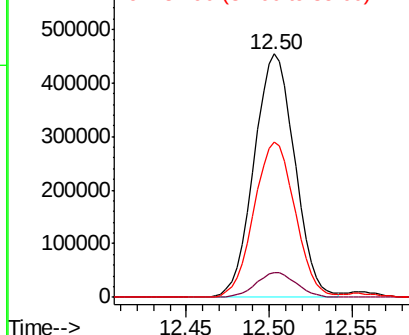
Tot Ion:	83	Resp:	774643
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.5	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 127.662 ug/l m

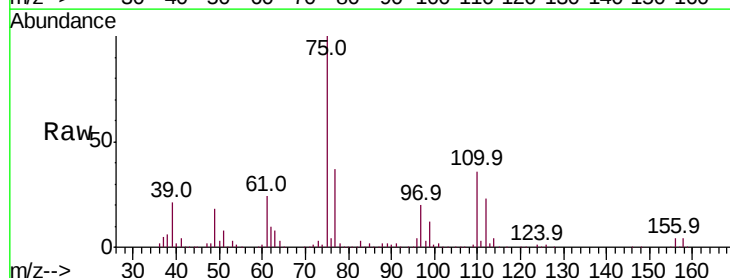
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

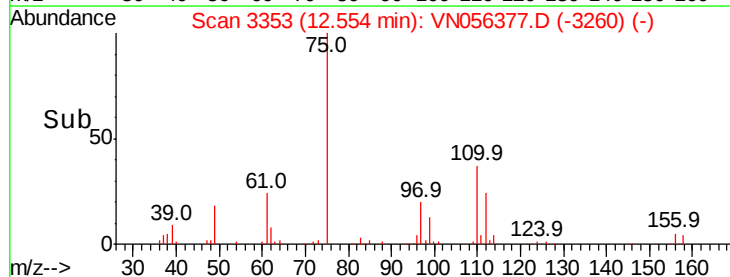
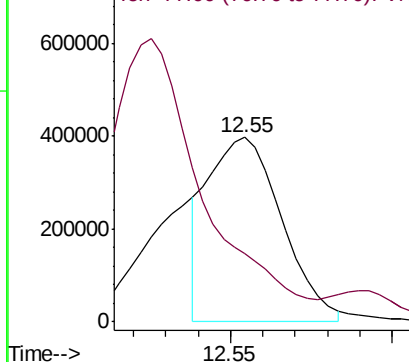
Lab File: VN056377.D

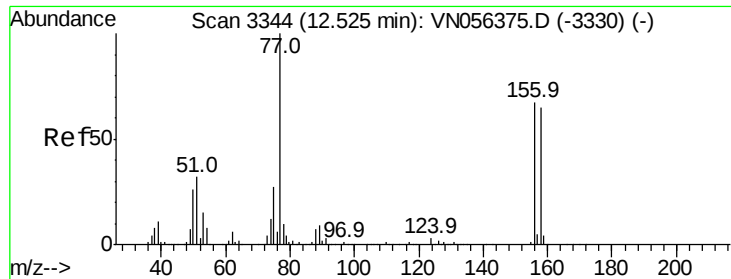
Acq: 19 Jun 2019 10:49

Tgt Ion:	75	Resp:	629404
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 128.529 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

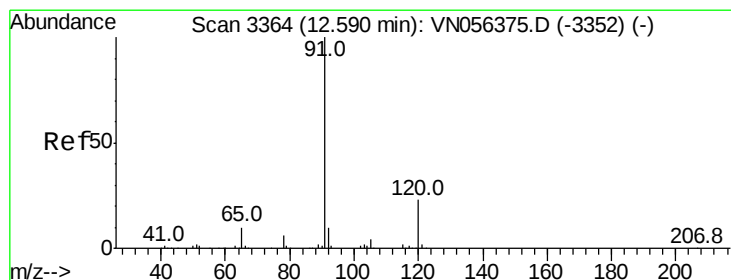
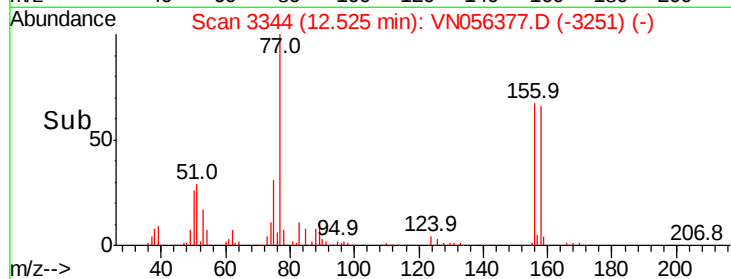
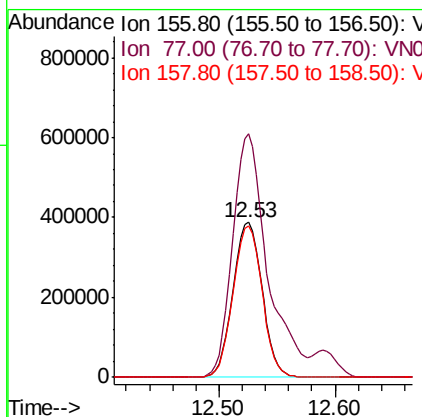
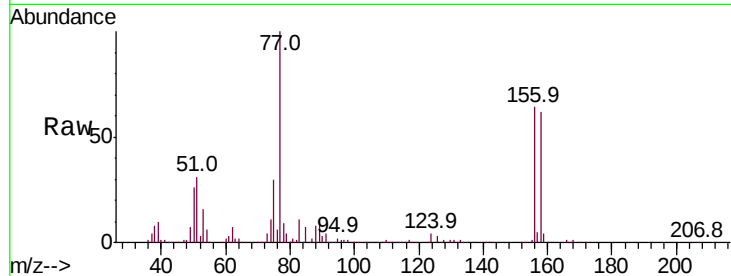
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	672421
Ion Ratio	Lower	Upper	
156	100		
77	188.6	92.5	277.3
158	97.6	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 138.303 ug/l

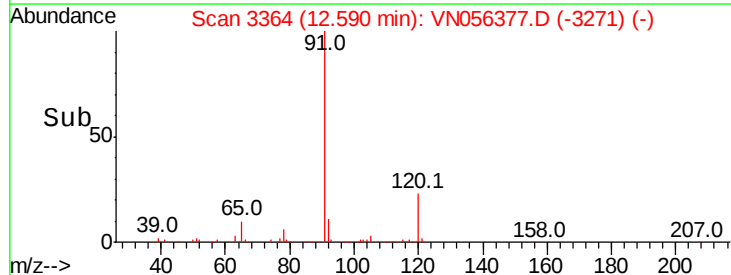
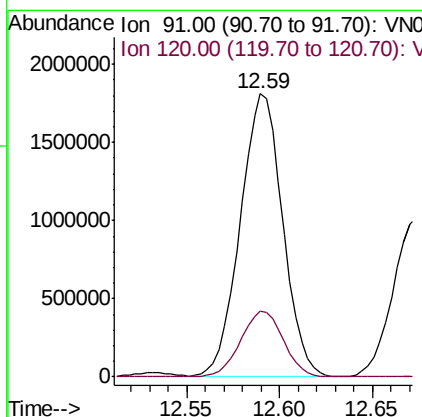
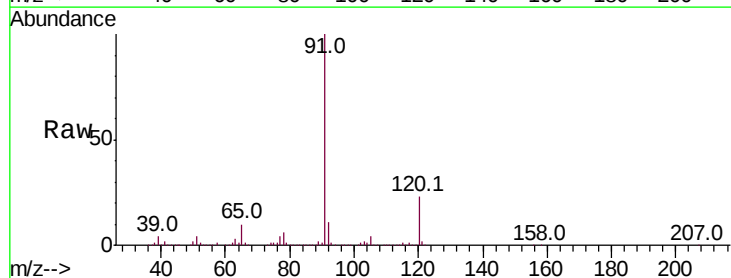
RT: 12.59 min Scan# 3364

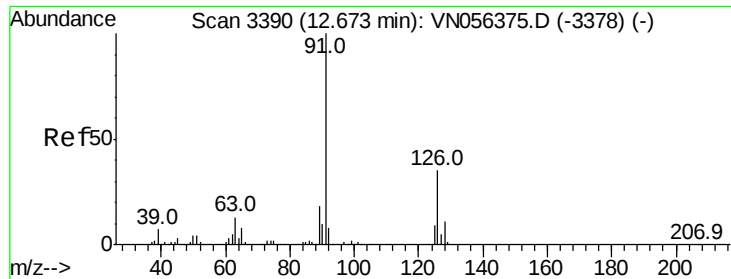
Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tgt Ion:	91	Resp:	2872415
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 128.229 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1697088

Ion Ratio Lower Upper

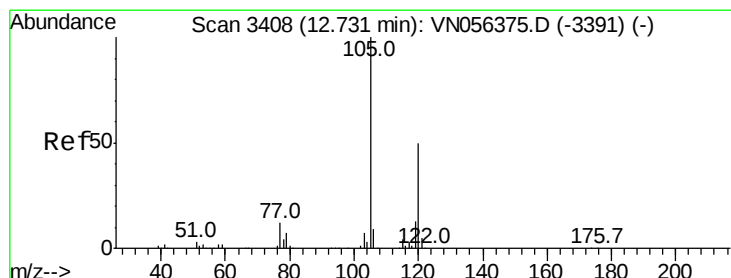
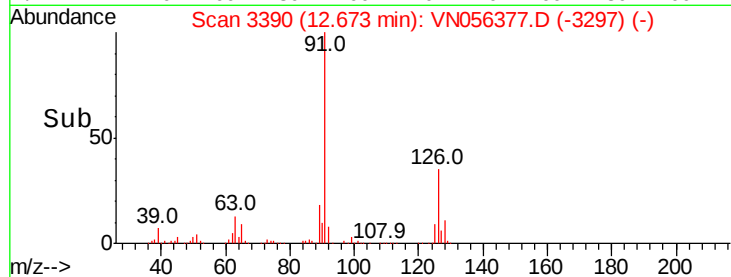
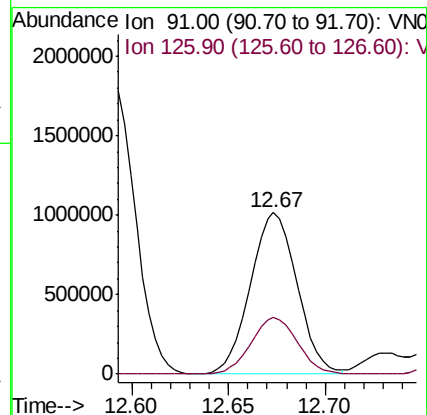
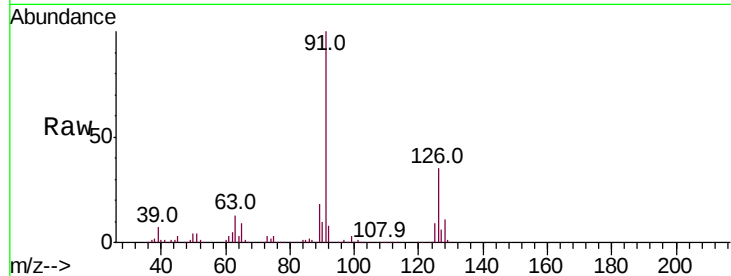
91 100

126 35.3 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 132.236 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056377.D

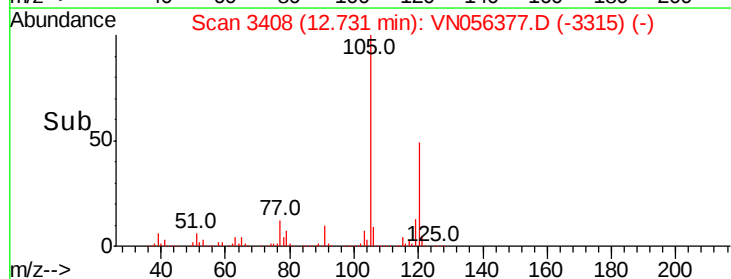
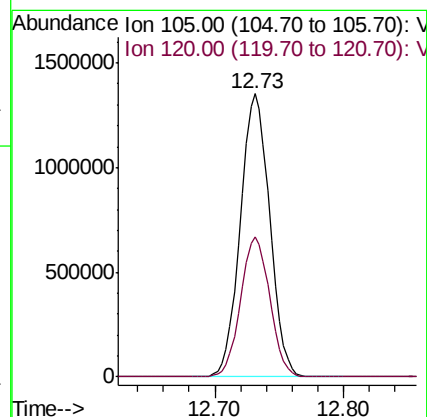
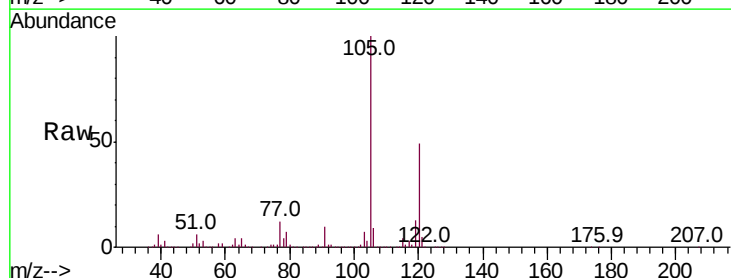
Acq: 19 Jun 2019 10:49

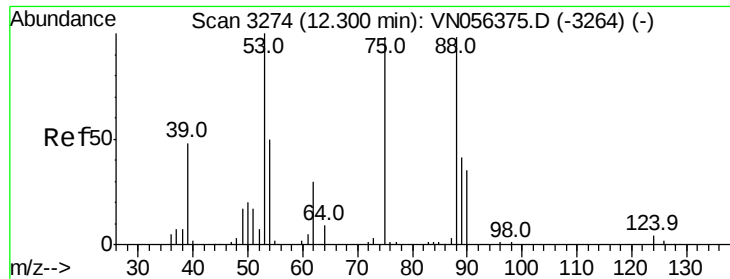
Tgt Ion:105 Resp: 2136810

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 149.578 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

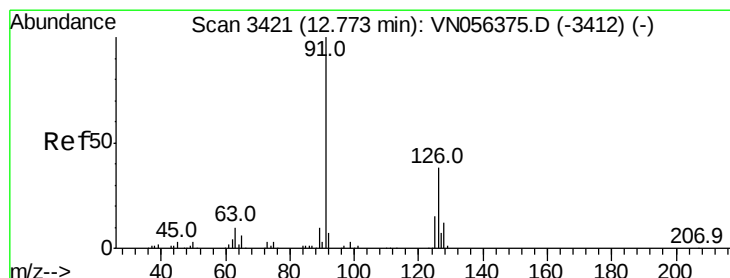
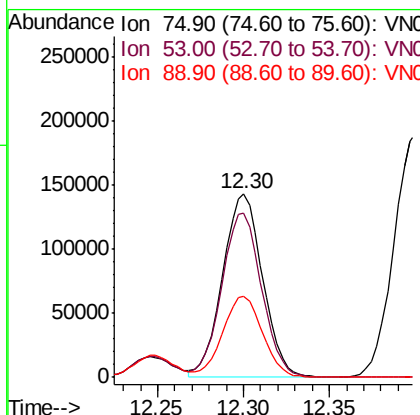
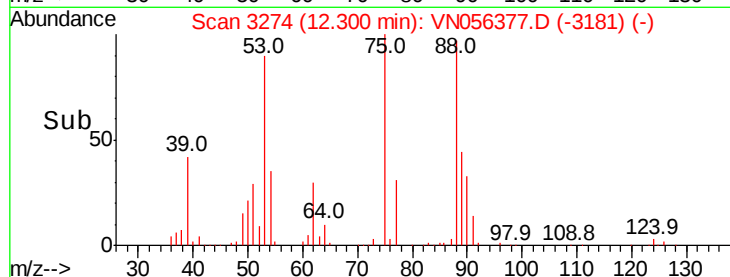
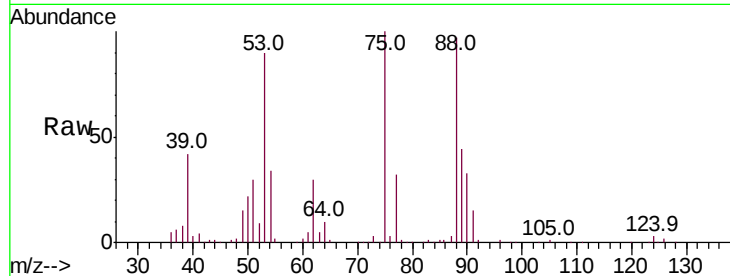
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	231487
Ion	Ratio	Lower	Upper
75	100		
53	89.0	83.9	125.9
89	44.0	35.0	52.6

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#82

4-Chlorotoluene

Concen: 139.873 ug/l

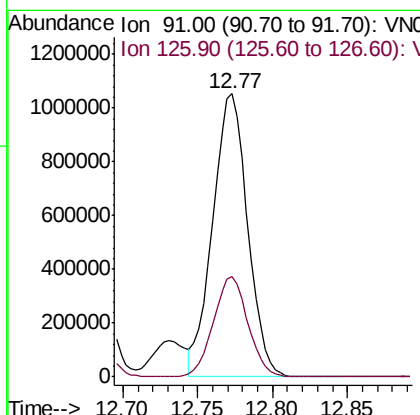
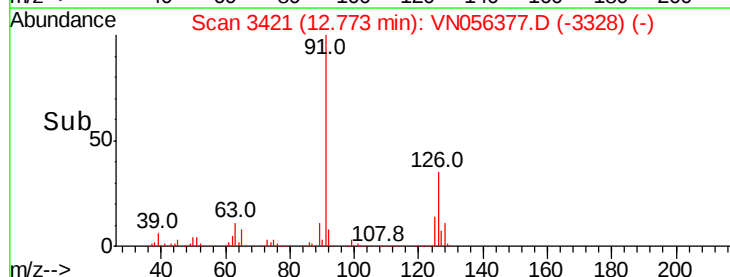
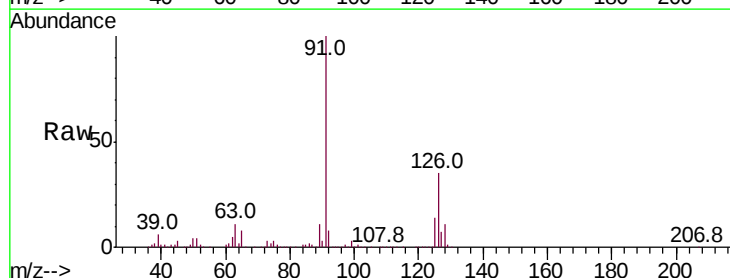
RT: 12.77 min Scan# 3421

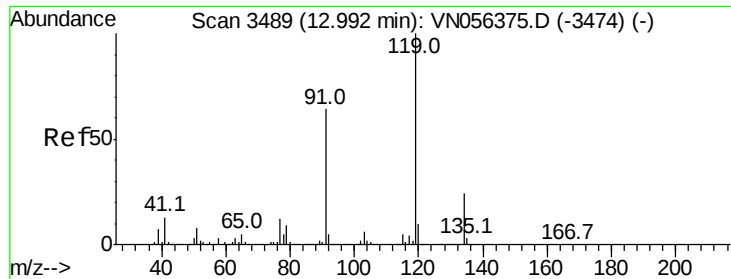
Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Tgt Ion:	91	Resp:	1707948
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	52.0





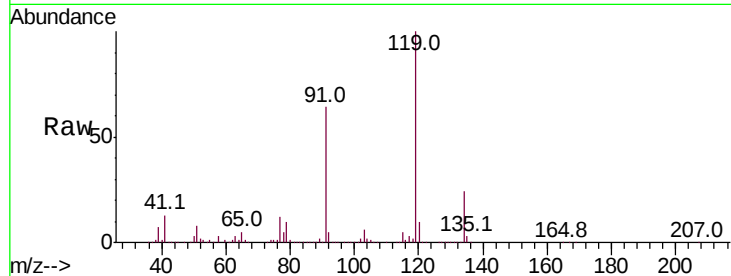
#83
tert-Butylbenzene
Concen: 127.333 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

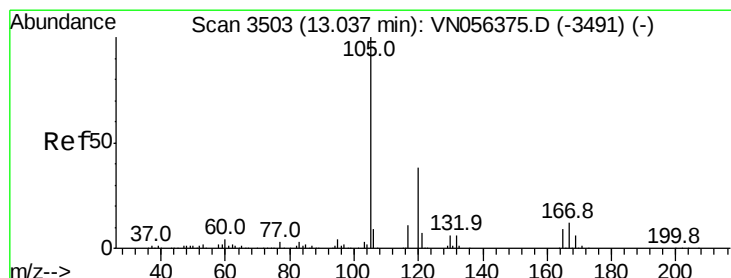
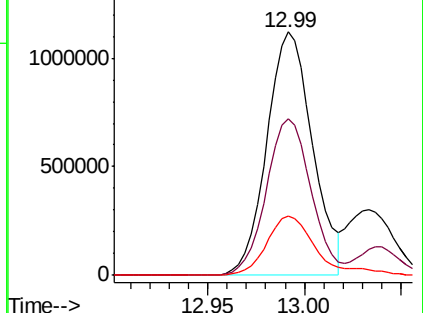
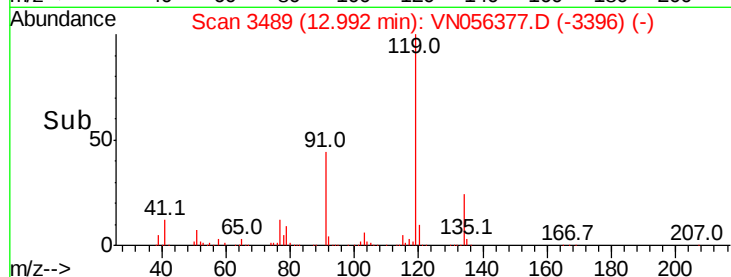
Tot Ion:119 Resp: 1847019
Ion Ratio Lower Upper
119 100
91 63.2 31.6 94.7
134 26.4 13.2 39.5

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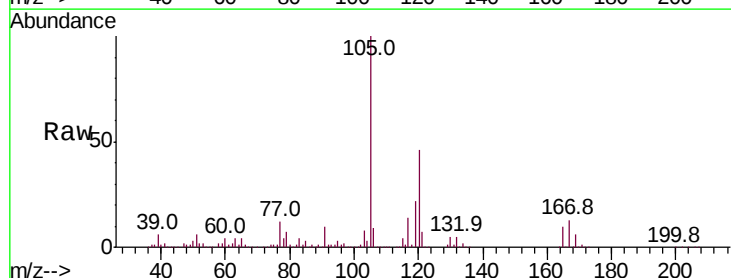


Abundance Ion 119.00 (118.70 to 119.70): V
1500000 Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

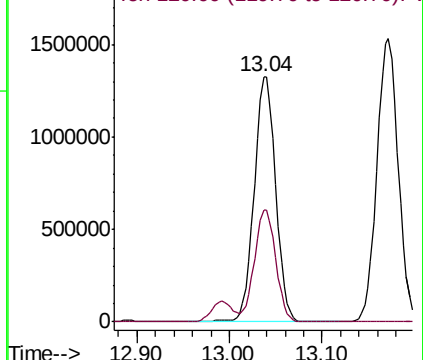
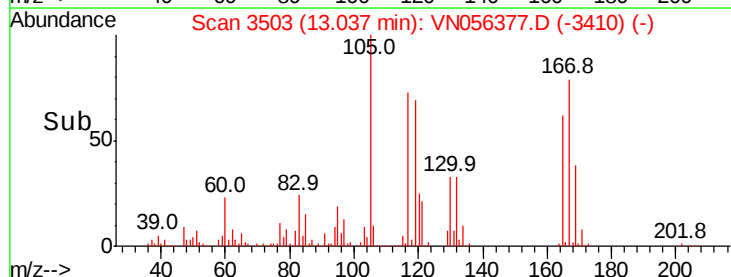


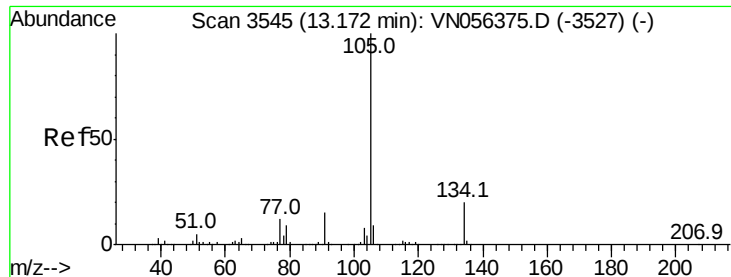
#84
1,2,4-Trimethylbenzene
Concen: 141.035 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion:105 Resp: 2124267
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
1500000 Ion 120.00 (119.70 to 120.70): V





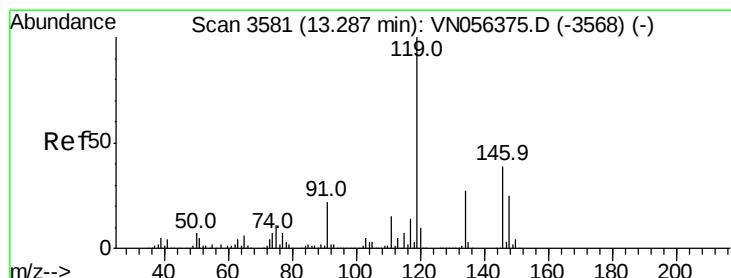
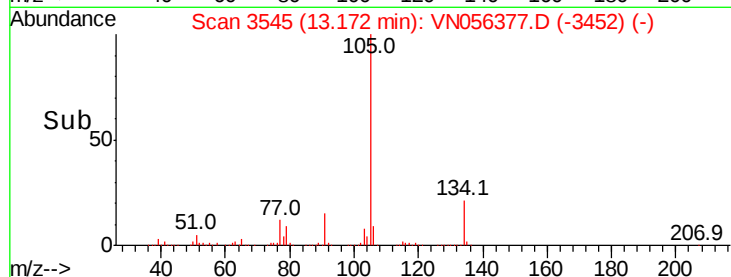
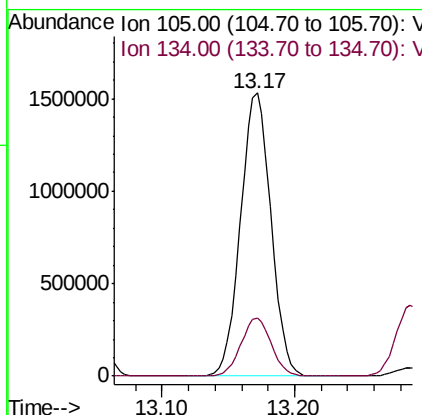
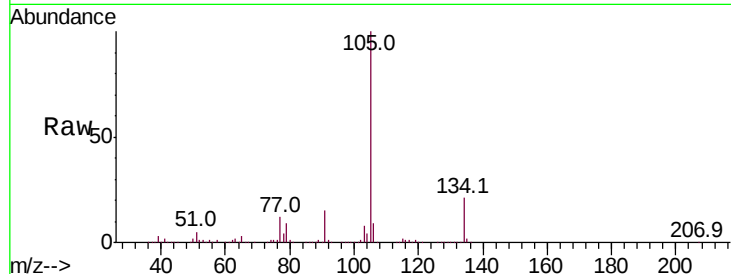
#85
 sec-Butylbenzene
 Concen: 133.483 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2435620
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

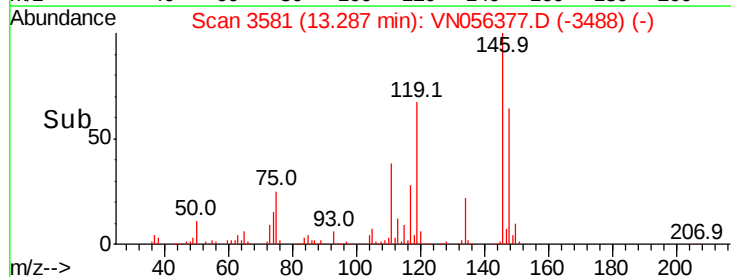
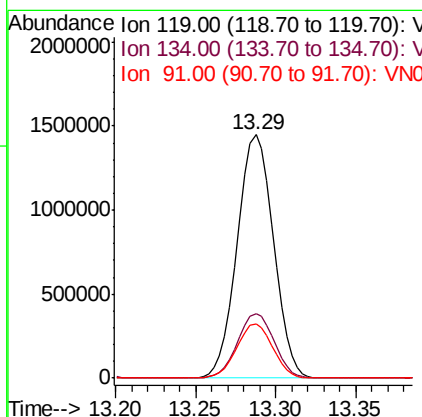
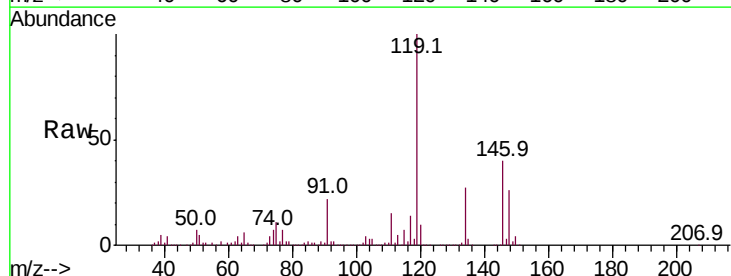
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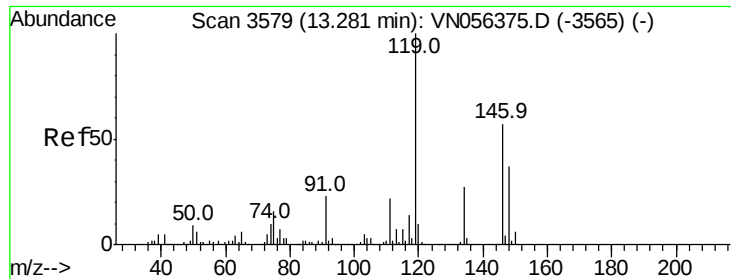
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#86
 p-Isopropyltoluene
 Concen: 143.045 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion:119 Resp: 2232904
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.0 11.2 33.5





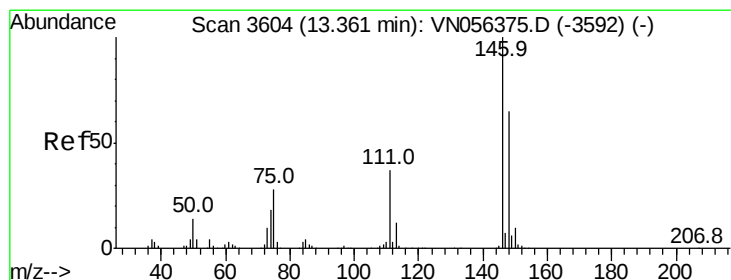
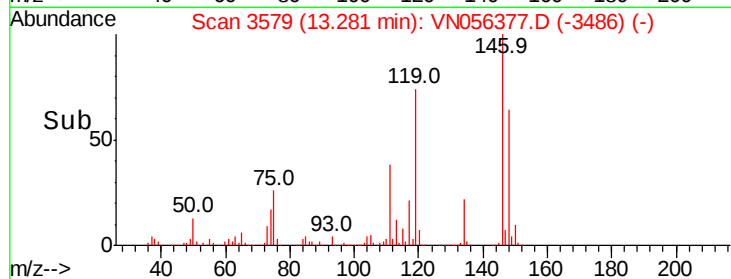
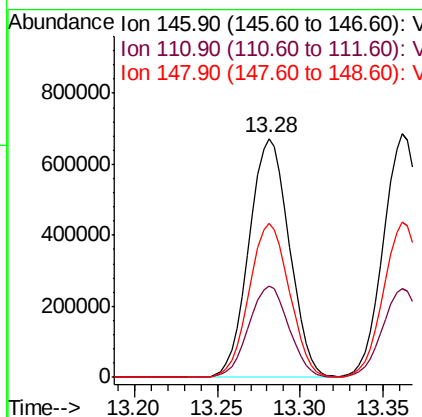
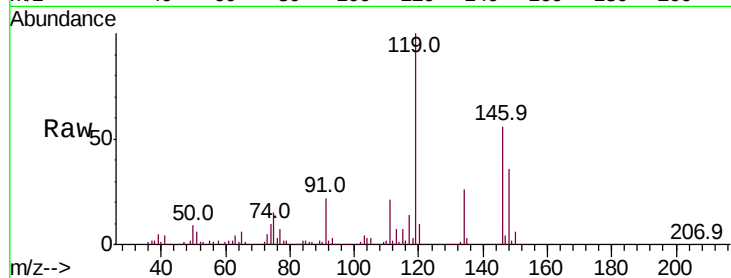
#87
 1,3-Dichlorobenzene
 Concen: 144.048 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1136129
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.3 32.1 96.5

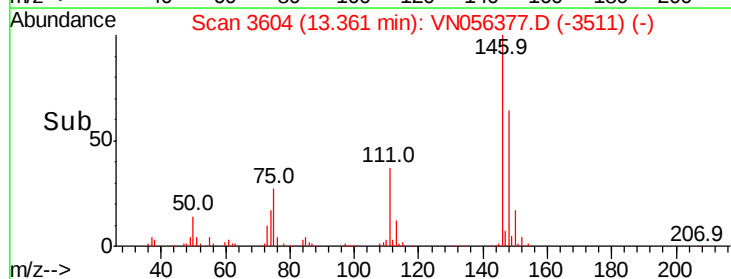
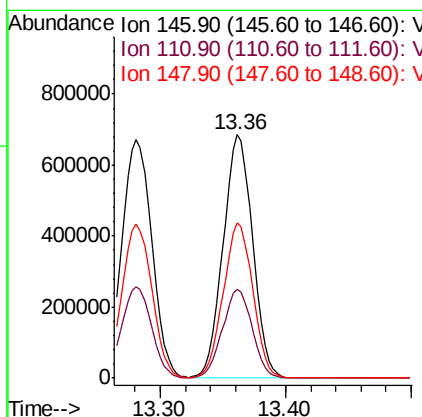
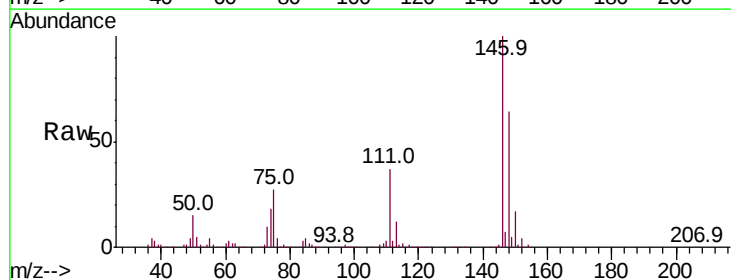
Manual Integrations
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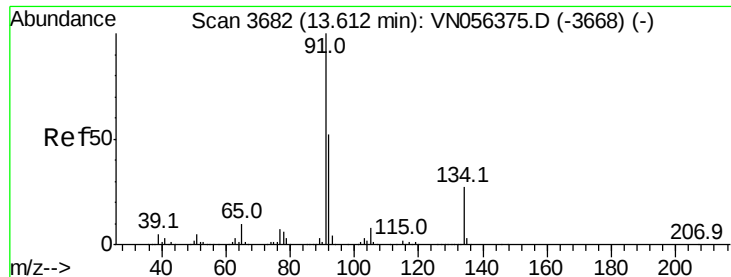
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#88
 1,4-Dichlorobenzene
 Concen: 147.753 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion:146 Resp: 1117808
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.4
 148 63.9 32.4 97.0





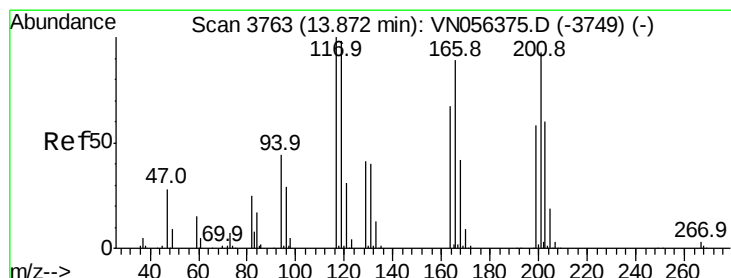
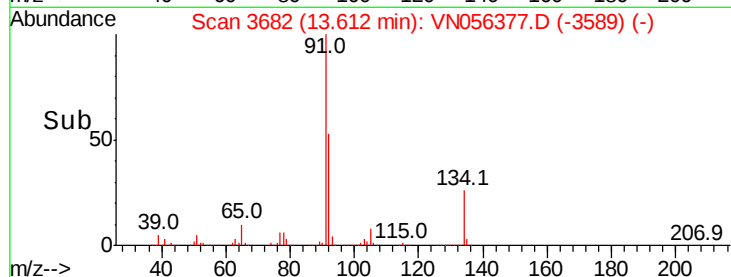
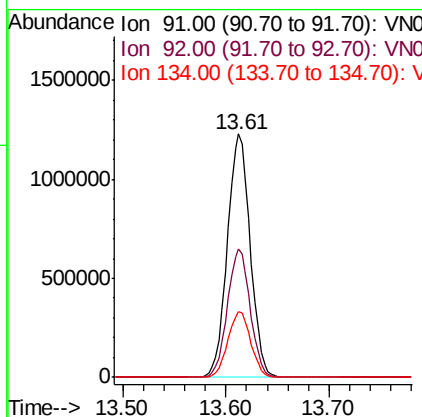
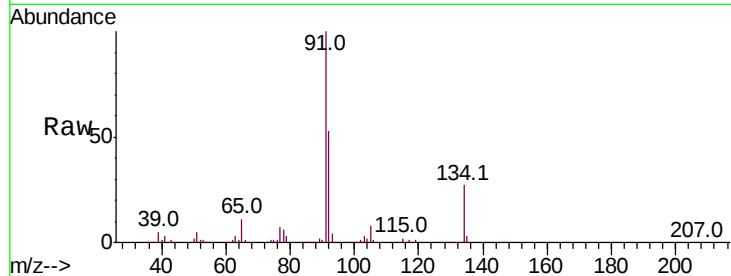
#89
n-Butylbenzene
Concen: 161.495 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1887519
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.1 13.4 40.2

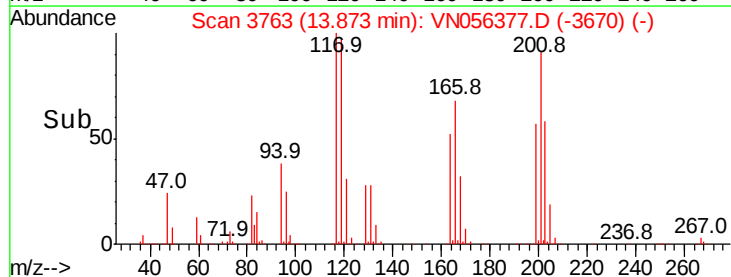
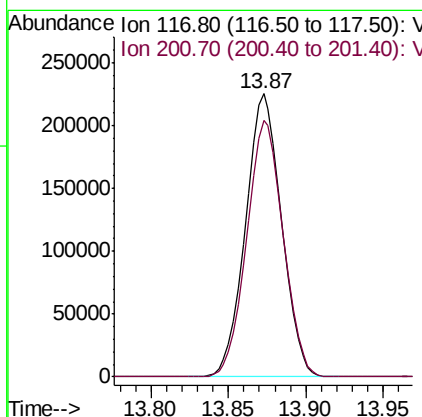
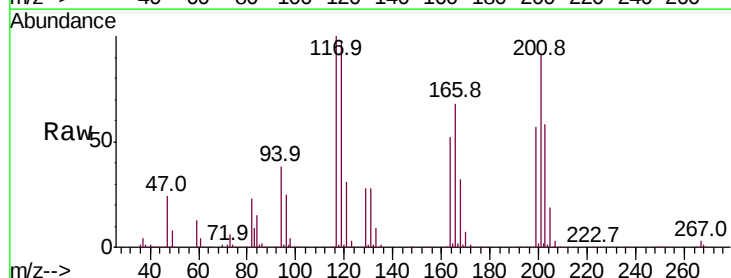
Manual Integrations
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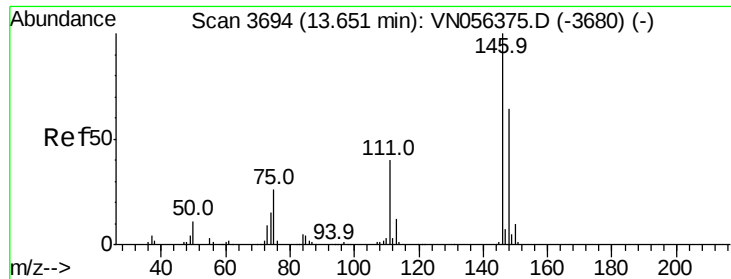
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#90
Hexachloroethane
Concen: 122.385 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056377.D
Acq: 19 Jun 2019 10:49

Tgt Ion: 117 Resp: 365813
Ion Ratio Lower Upper
117 100
201 91.6 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 143.254 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1108788

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

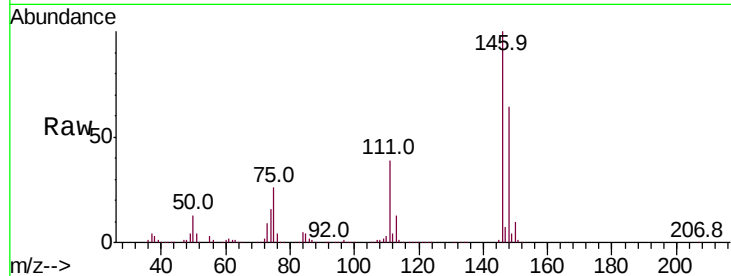
148 64.1 32.0 96.0

Manual Integrations

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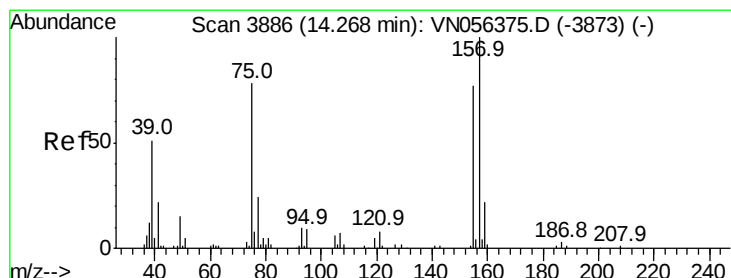
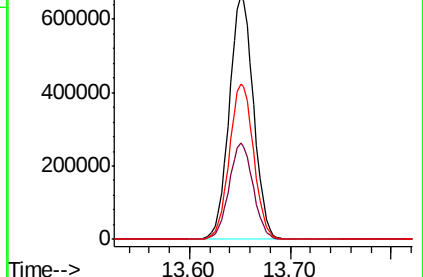
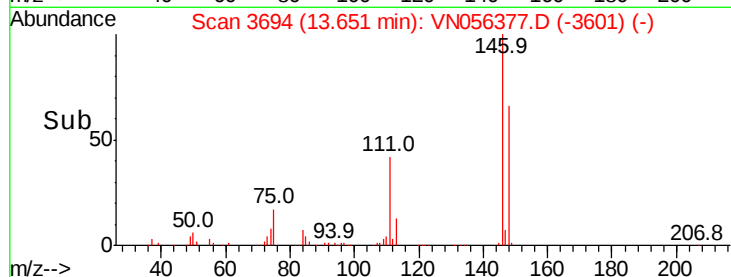
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 146.755 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

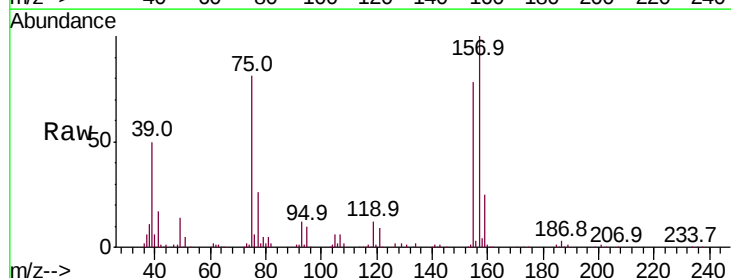
Tgt Ion: 75 Resp: 145408

Ion Ratio Lower Upper

75 100

155 96.8 48.9 146.8

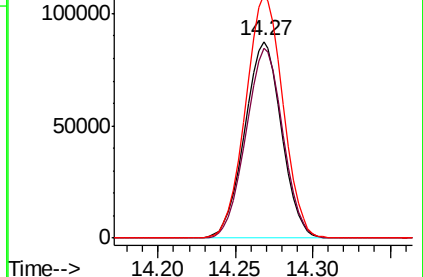
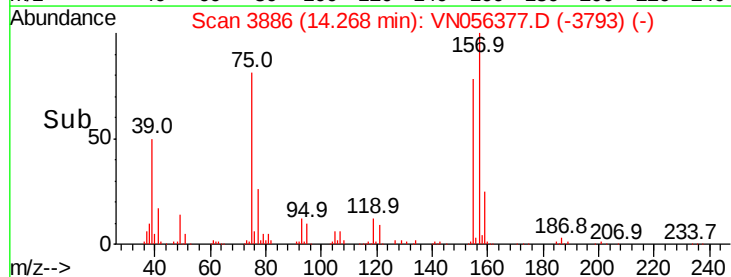
157 124.9 62.9 188.8

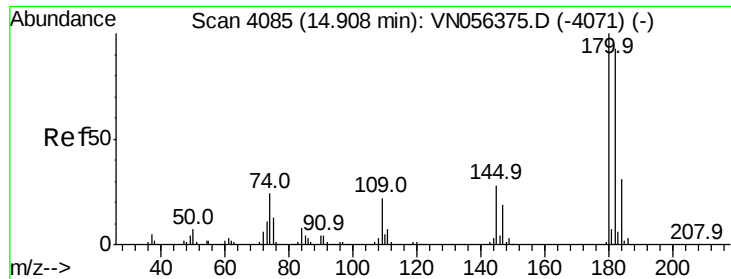


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





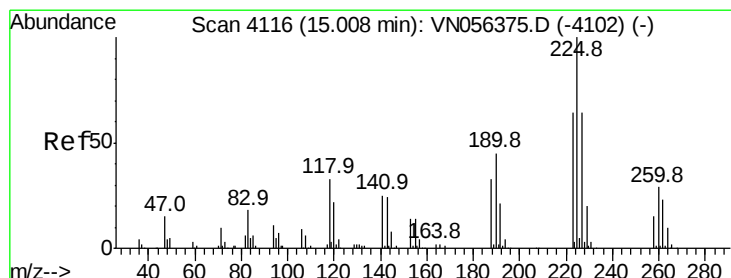
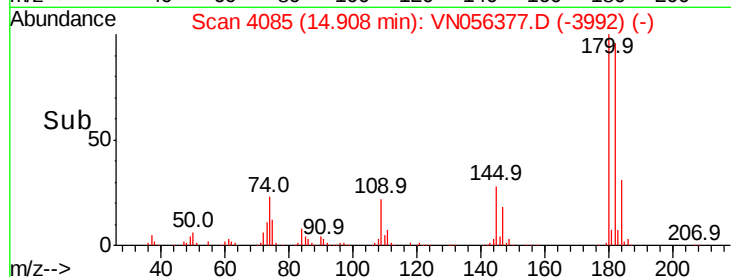
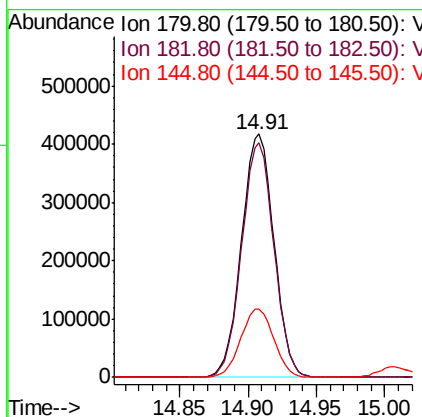
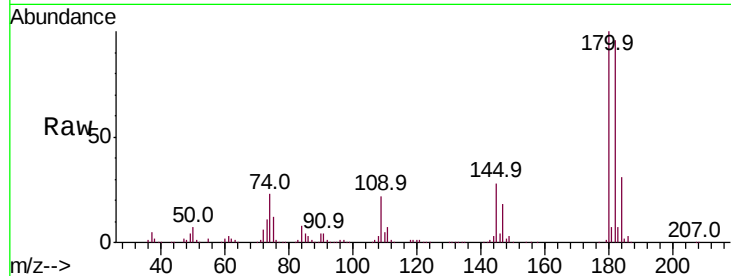
#93
 1,2,4-Trichlorobenzene
 Concen: 211.670 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	689795		
182	95.7	46.9	140.6	
145	28.6	14.4	43.0	

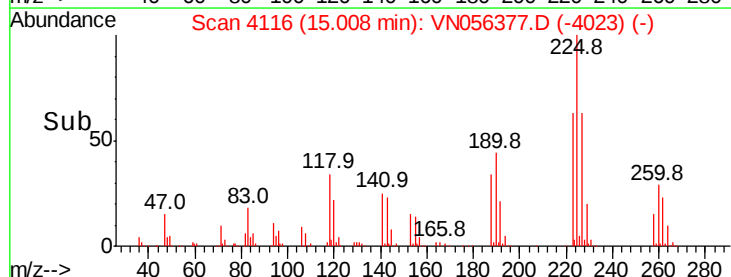
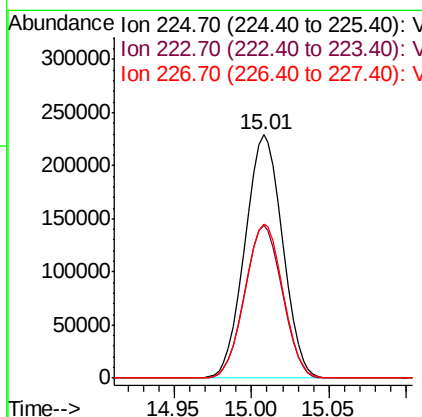
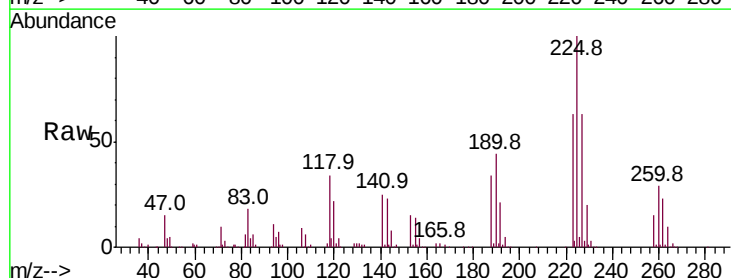
Manual Integrations
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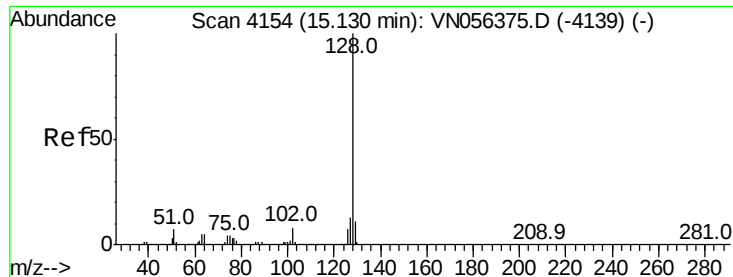
MMDadoda
 6/21/2019 10:52:12 PM



#94
 Hexachlorobutadiene
 Concen: 125.614 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056377.D
 Acq: 19 Jun 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	388516		
223	62.8	31.4	94.3	
227	63.7	32.1	96.3	





#95

Naphthalene

Concen: 204.412 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1795078

Ion Ratio Lower Upper

128 100

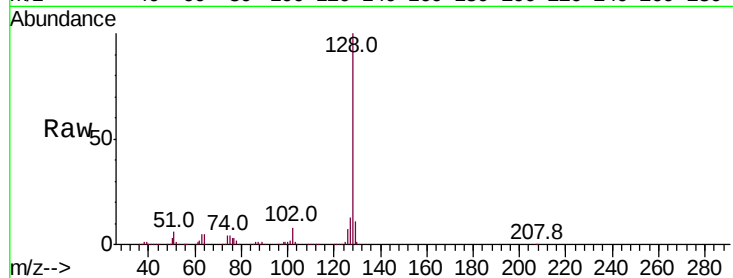
127 12.7 10.2 15.2

129 10.9 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

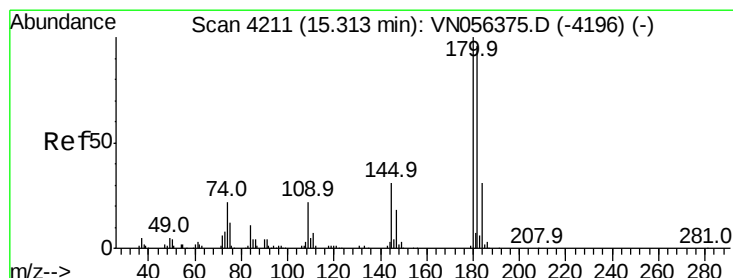
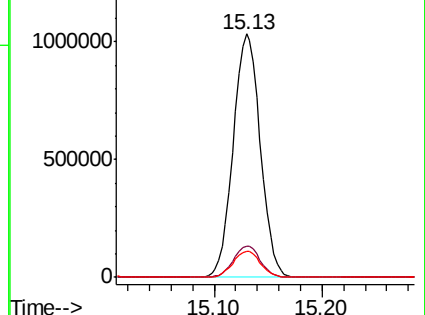
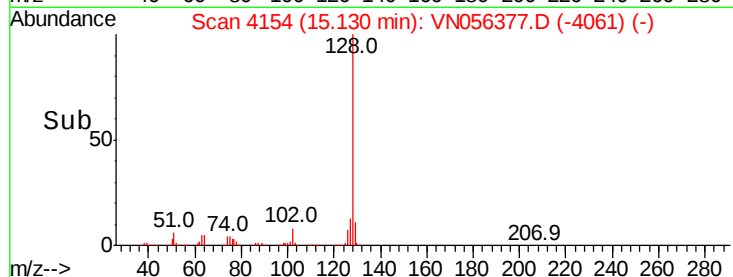
6/21/2019 10:52:12 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 199.003 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056377.D

Acq: 19 Jun 2019 10:49

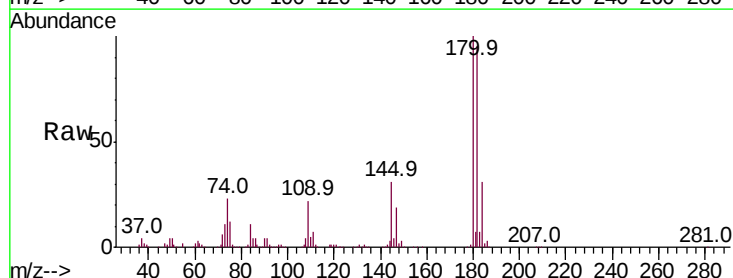
Tgt Ion:180 Resp: 698512

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 30.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

