

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056386.D
 Acq On : 19 Jun 2019 15:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/21/2019 10:52:18 PM

Quant Time: Jun 21 04:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	394311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	237019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	206813	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.59	113	183678	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.09	98	704287	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	249854	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	165384	49.534	ug/l	99
3) Chloromethane	2.06	50	210472	46.296	ug/l	98
4) Vinyl Chloride	2.18	62	209704	47.759	ug/l	100
5) Bromomethane	2.53	94	130884m	50.846	ug/l	
6) Chloroethane	2.68	64	122599	48.214	ug/l	97
7) Trichlorofluoromethane	3.00	101	270172	47.567	ug/l	99
8) Diethyl Ether	3.41	74	112587	46.837	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	175779	48.529	ug/l	99
10) Methyl Iodide	3.95	142	240946	49.217	ug/l	99
11) Tert butyl alcohol	4.79	59	151227	205.457	ug/l	100
12) 1,1-Dichloroethene	3.73	96	168857	48.476	ug/l	95
13) Acrolein	3.60	56	132631	213.798	ug/l	98
14) Allyl chloride	4.32	41	280100	48.306	ug/l	99
15) Acrylonitrile	4.98	53	453653	222.785	ug/l	99
16) Acetone	3.81	43	464103	211.965	ug/l	98
17) Carbon Disulfide	4.05	76	378864	47.820	ug/l	98
18) Methyl Acetate	4.32	43	187804	43.684	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	540830	46.923	ug/l	100
20) Methylene Chloride	4.54	84	196611	47.591	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	180676	48.110	ug/l	96
22) Diisopropyl ether	5.95	45	578130	47.476	ug/l	94
23) Vinyl Acetate	5.89	43	2386328	248.454	ug/l	100
24) 1,1-Dichloroethane	5.84	63	329900	47.194	ug/l	100
25) 2-Butanone	6.83	43	632639	218.313	ug/l	98
26) 2,2-Dichloropropane	6.82	77	243033	49.989	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	211877	48.222	ug/l	100
28) Bromochloromethane	7.19	49	164340	47.531	ug/l	98
29) Tetrahydrofuran	7.21	42	393229	222.052	ug/l	99
30) Chloroform	7.37	83	326018	47.265	ug/l	100
31) Cyclohexane	7.65	56	313328	46.430	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	263670	48.226	ug/l	99
36) 1,1-Dichloropropene	7.79	75	252274	48.820	ug/l	99
37) Ethyl Acetate	6.92	43	240835	47.425	ug/l	99
38) Carbon Tetrachloride	7.77	117	225688	49.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	311140	48.798	ug/l	99
40) Benzene	8.04	78	769457	48.409	ug/l	99
41) Methacrylonitrile	7.17	41	114039	50.855	ug/l	89
42) 1,2-Dichloroethane	8.12	62	247273	47.139	ug/l	99
43) Isopropyl Acetate	8.16	43	374274	47.797	ug/l	99
44) Trichloroethene	8.83	130	212004	49.514	ug/l	99
45) 1,2-Dichloropropane	9.12	63	206946	48.683	ug/l	98
46) Dibromomethane	9.21	93	129335	48.631	ug/l	99
47) Bromodichloromethane	9.40	83	241941	51.293	ug/l	97
48) Methyl methacrylate	9.20	41	184560	47.034	ug/l	100
49) 1,4-Dioxane	9.20	88	71183	874.145	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1191517	235.755	ug/l	100
52) Toluene	10.15	92	476418	49.025	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	256966	46.961	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	300392	52.885	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191580	49.046	ug/l	99
56) Ethyl methacrylate	10.43	69	287366	50.340	ug/l	99
57) 1,3-Dichloropropane	10.71	76	320371	48.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	490295	239.075	ug/l	100
59) 2-Hexanone	10.75	43	855717	230.368	ug/l	100
60) Dibromochloromethane	10.90	129	187437	46.842	ug/l	99
61) 1,2-Dibromoethane	11.00	107	195541	49.014	ug/l	100
64) Tetrachloroethene	10.63	164	197995	47.643	ug/l	99
65) Chlorobenzene	11.43	112	515266	48.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	183096	51.376	ug/l	99
67) Ethyl Benzene	11.51	91	914894	49.414	ug/l	99
68) m/p-Xylenes	11.62	106	691026	101.842	ug/l	100
69) o-Xylene	11.95	106	337372	50.257	ug/l	99
70) Styrene	11.96	104	564329	52.593	ug/l	100
71) Bromoform	12.13	173	130536	45.692	ug/l #	100
73) Isopropylbenzene	12.25	105	889900	49.987	ug/l	100
74) N-amyl acetate	12.07	43	321444	42.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	269420	48.812	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	228003m	46.393	ug/l	
77) Bromobenzene	12.53	156	231395	43.662	ug/l	99
78) n-propylbenzene	12.59	91	1001002	46.118	ug/l	99
79) 2-Chlorotoluene	12.67	91	594897	49.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	747230	50.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	64123	46.372	ug/l	97
82) 4-Chlorotoluene	12.77	91	584857	45.636	ug/l	99
83) tert-Butylbenzene	12.99	119	644034	49.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	732370	45.899	ug/l	100
85) sec-Butylbenzene	13.17	105	845223	44.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	763155	46.612	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	386408	48.111	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	367956	47.305	ug/l	99
89) n-Butylbenzene	13.61	91	603596	48.699	ug/l	100
90) Hexachloroethane	13.87	117	115098	45.092	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	375869	47.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39967	45.572	ug/l	98

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QLast Update : Fri Jun 21 03:45:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	168512	41.663	ug/l	98
94) Hexachlorobutadiene	15.01	225	130276	48.174	ug/l	99
95) Naphthalene	15.13	128	419505	39.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	176225	41.793	ug/l	99

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

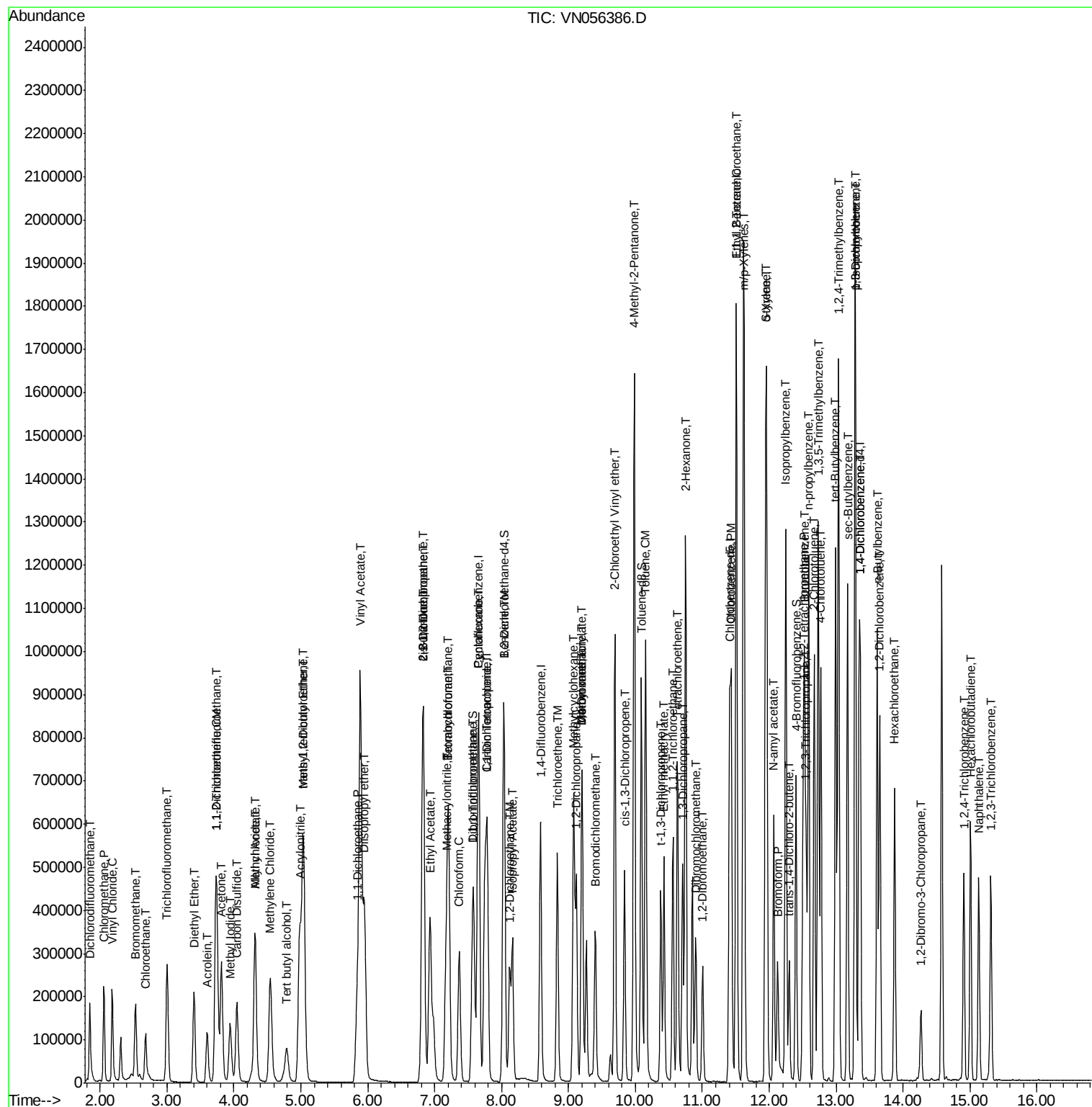
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
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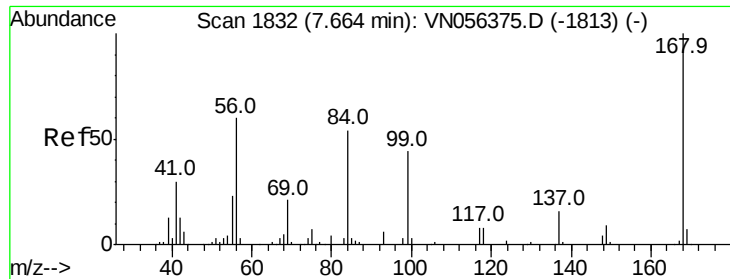
Instrument :
 MSVOA_N
 Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 394311

Ion Ratio Lower Upper

168 100

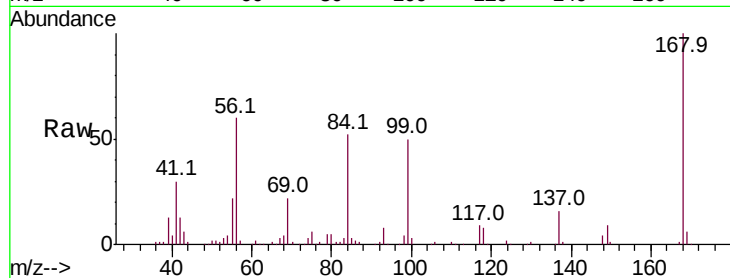
99 50.0 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

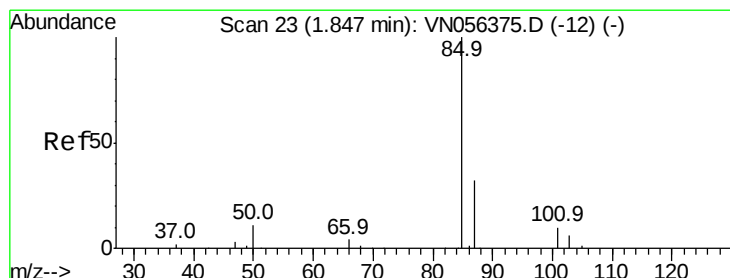
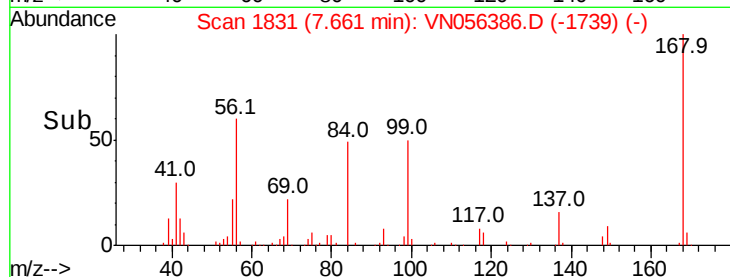
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.534 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056386.D

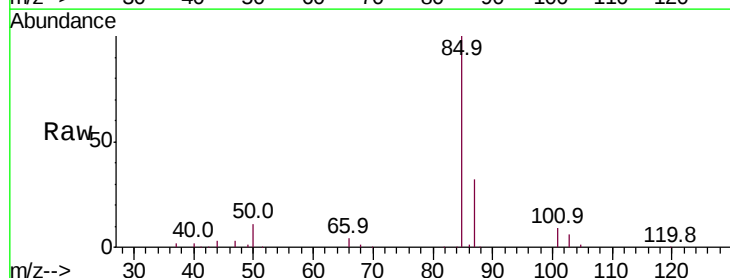
Acq: 19 Jun 2019 15:21

Tgt Ion: 85 Resp: 165384

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

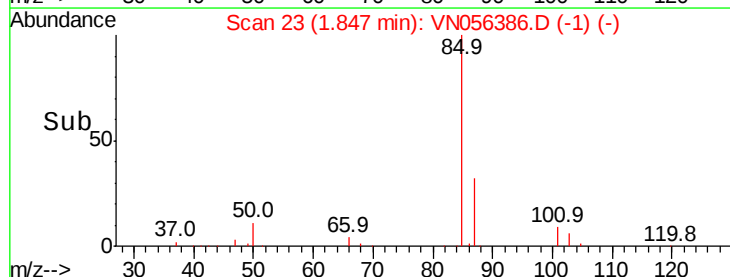
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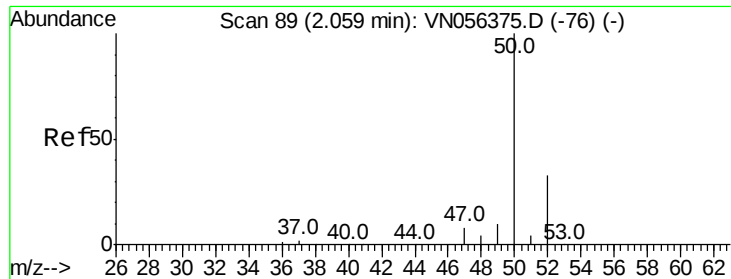
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Time-->





#3

Chloromethane

Concen: 46.296 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 210472

Ion Ratio Lower Upper

50 100

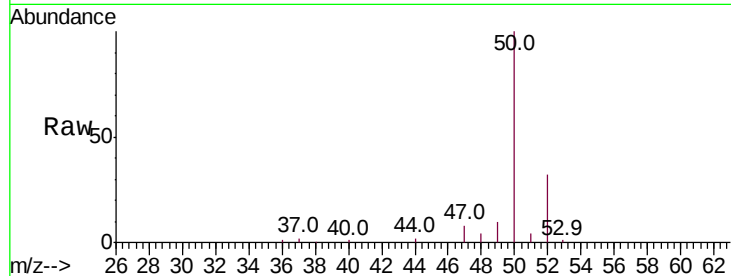
52 32.0 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

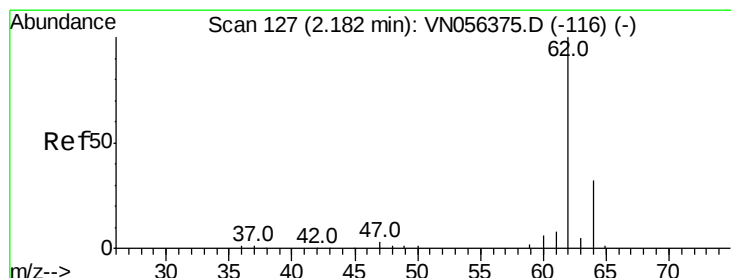
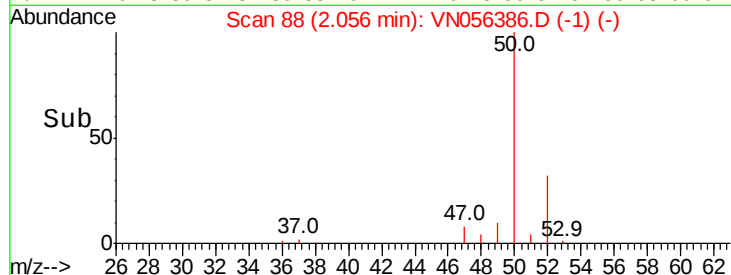
150000

100000

50000

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Time-->



#4

Vinyl Chloride

Concen: 47.759 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056386.D

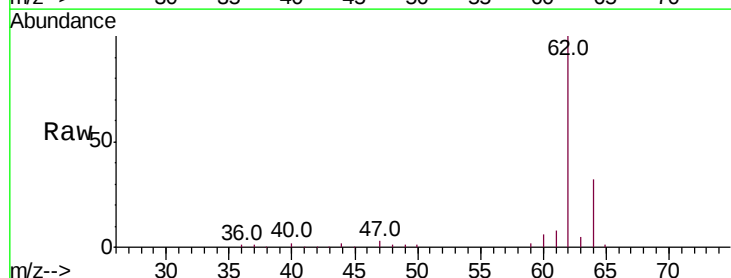
Acq: 19 Jun 2019 15:21

Tgt Ion: 62 Resp: 209704

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.18

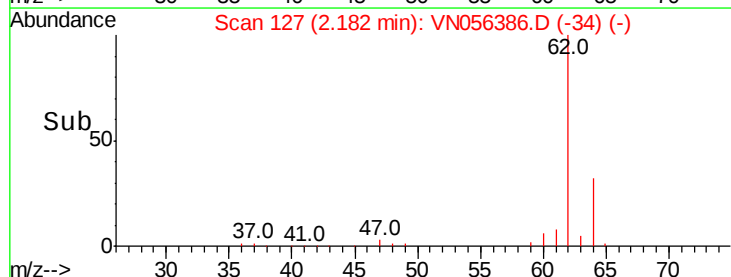
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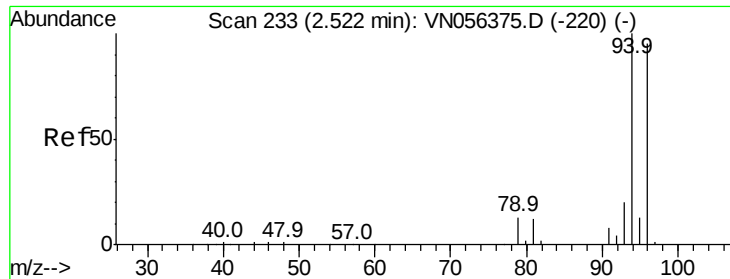
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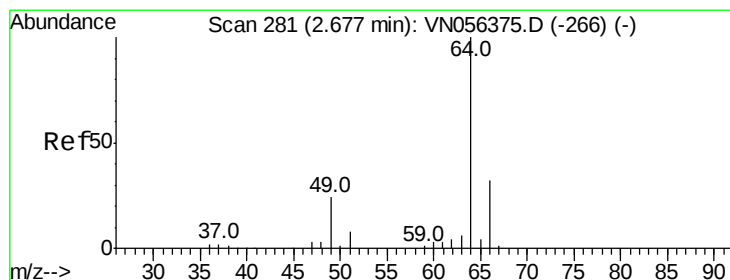
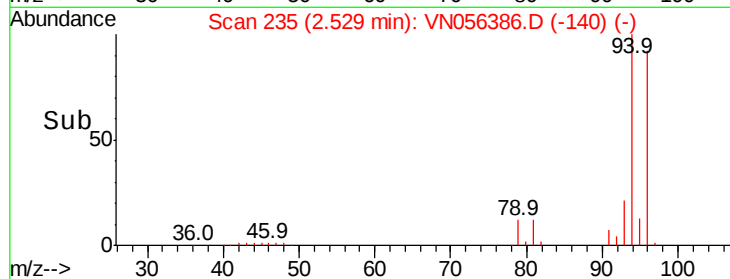
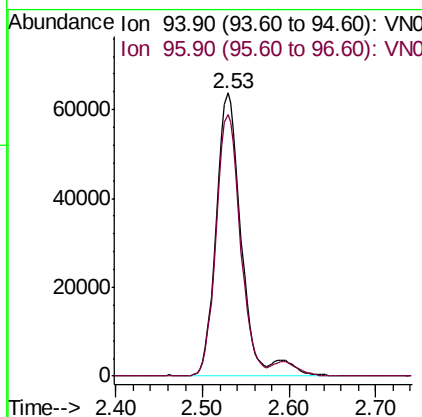
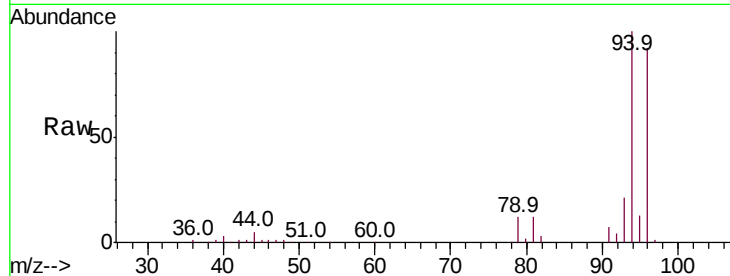
#5
Bromomethane
Concen: 50.846 ug/l m
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 94 Resp: 130884
Ion Ratio Lower Upper
94 100
96 92.3 76.0 114.0

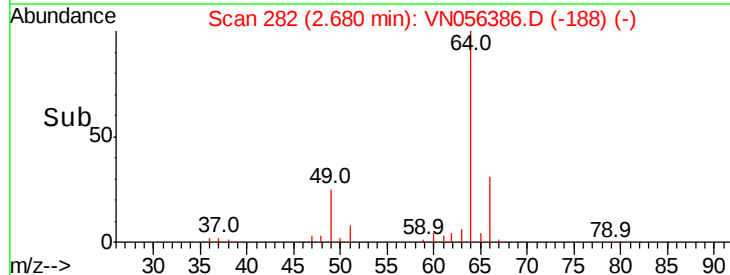
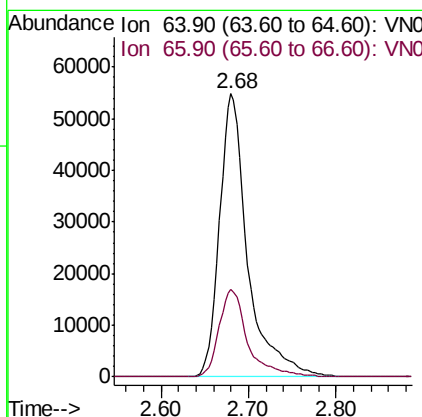
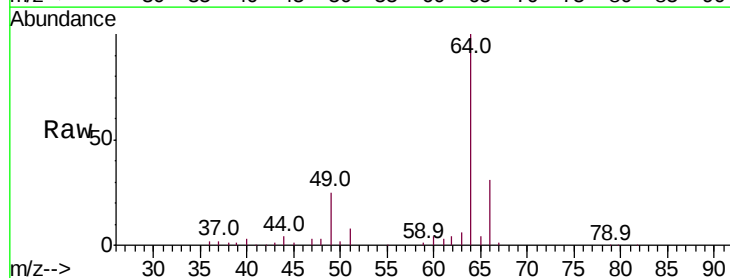
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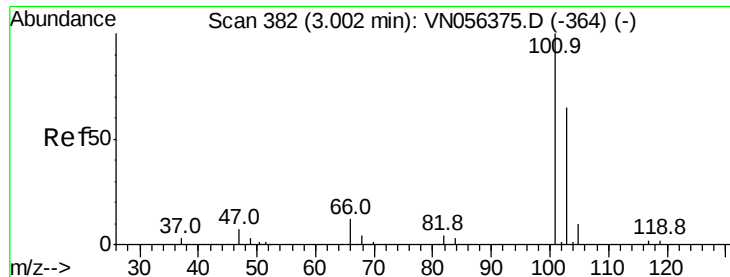
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#6
Chloroethane
Concen: 48.214 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 64 Resp: 122599
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.8





#7

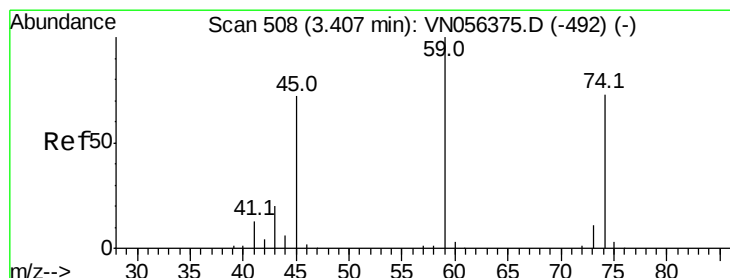
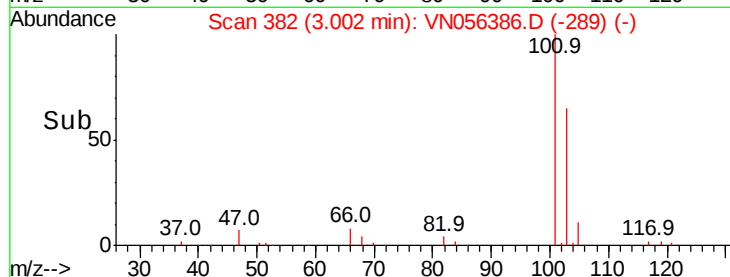
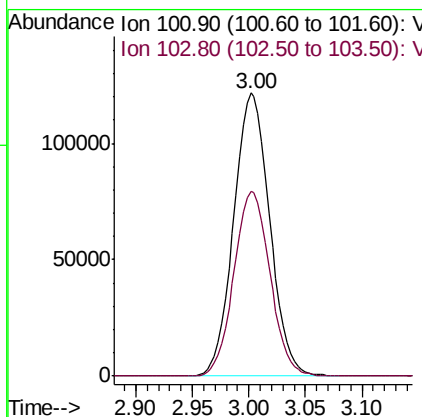
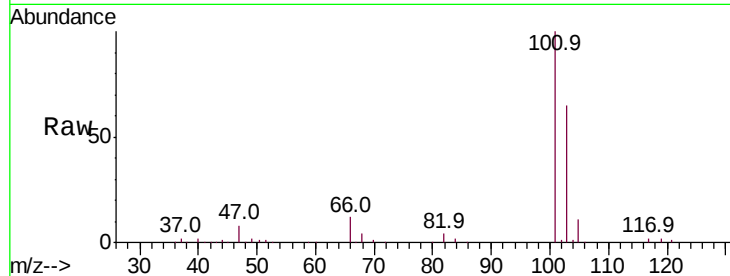
Trichlorofluoromethane
 Concen: 47.567 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.7	77.5

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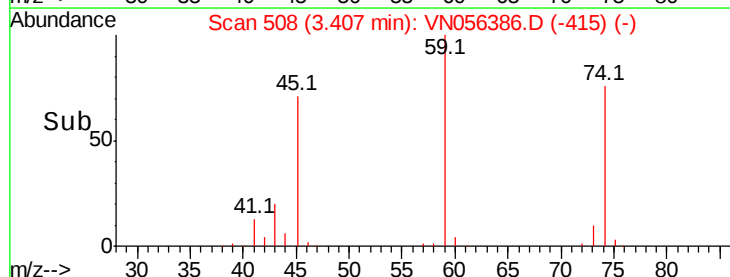
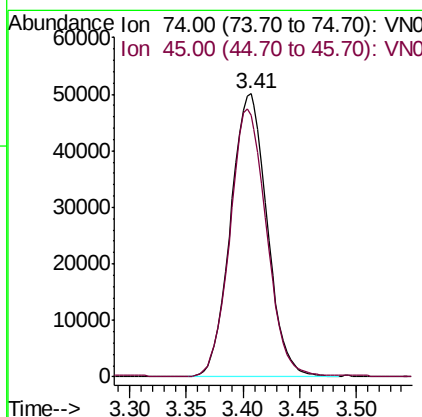
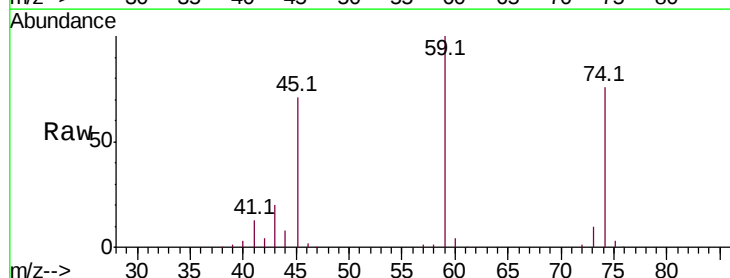
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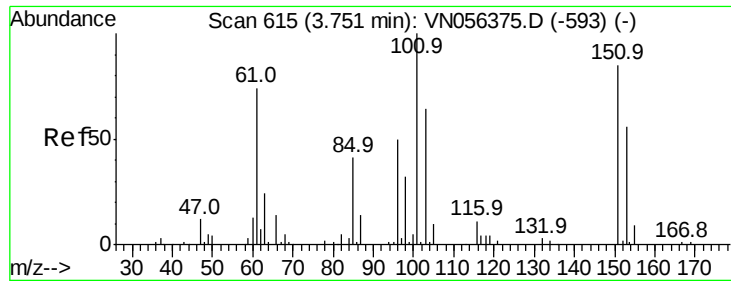


#8

Diethyl Ether
 Concen: 46.837 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.9	146.6





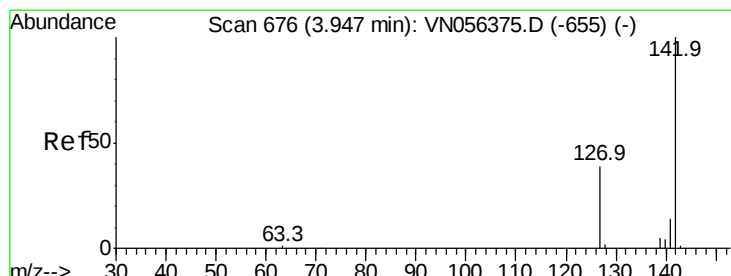
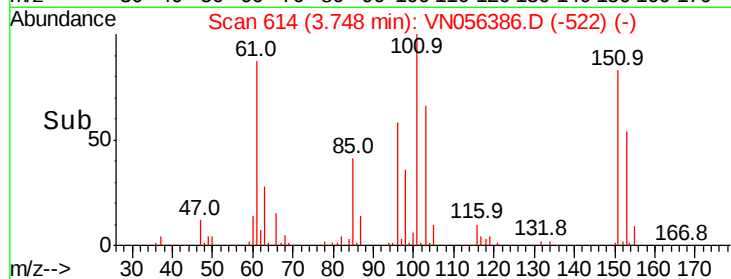
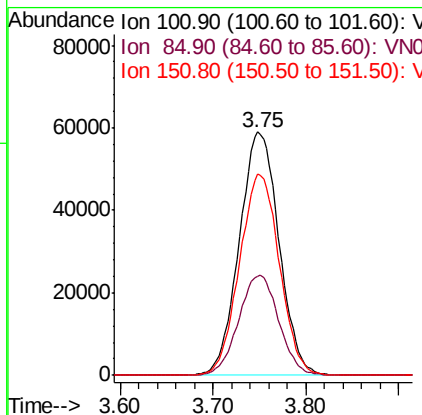
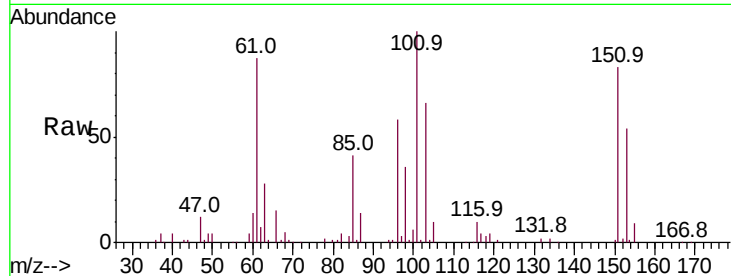
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.529 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.5	32.7	49.1
151	83.1	66.8	100.2

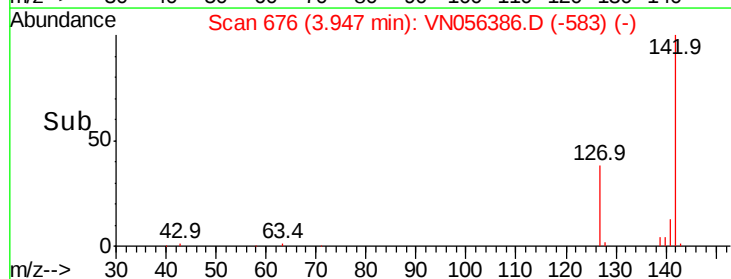
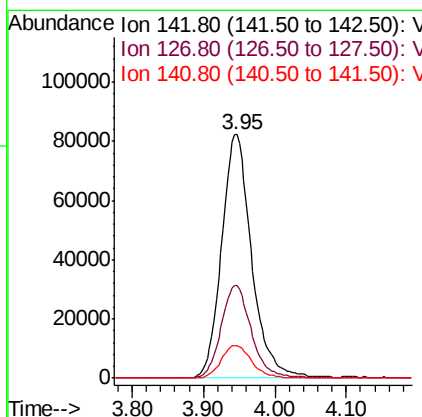
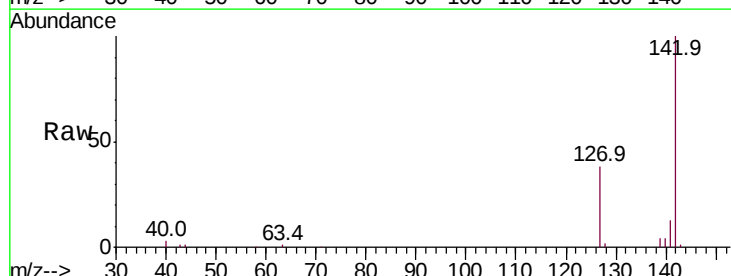
Manual Integrations
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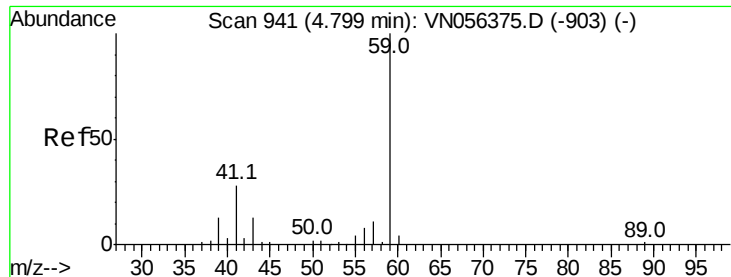
MMDadoda
 6/21/2019 10:52:18 PM



#10
 Methyl Iodide
 Concen: 49.217 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.0	30.6	46.0
141	13.7	11.4	17.2





#11

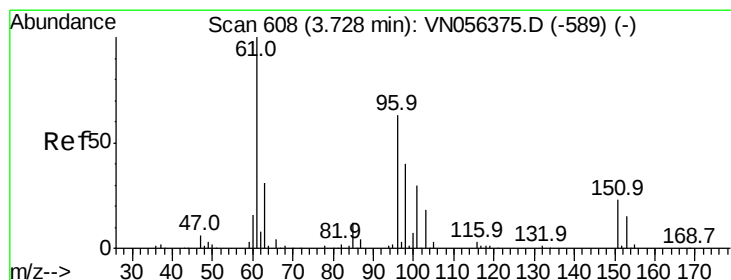
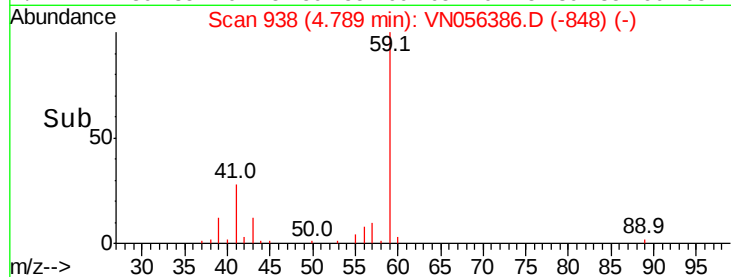
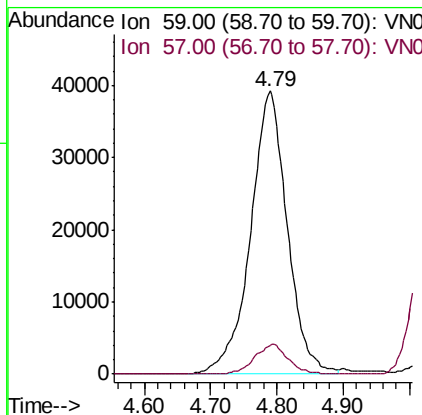
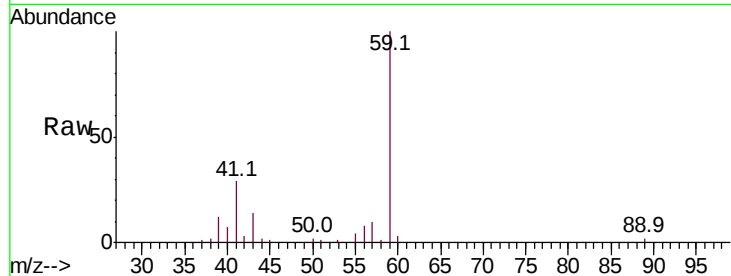
Tert butyl alcohol
 Concen: 205.457 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	151227
Ion Ratio	100	Lower	Upper
57	9.5	7.6	11.4

Manual Integrations
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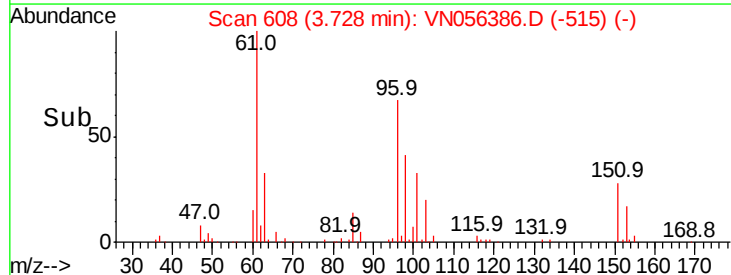
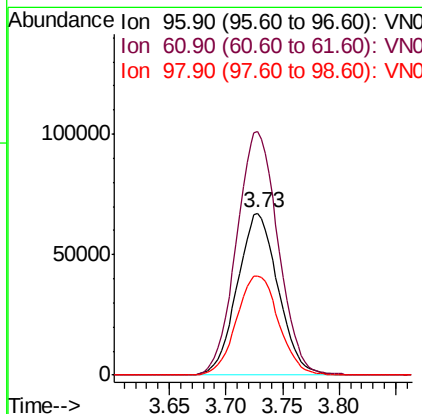
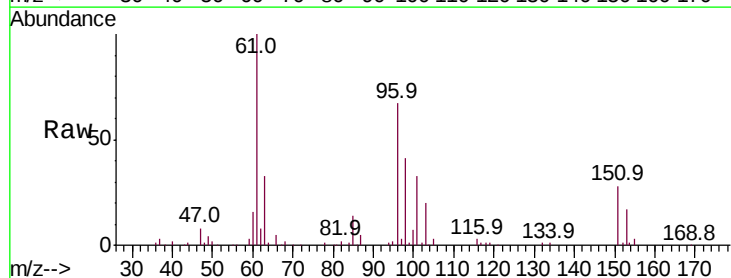
MMDadoda
 6/21/2019 10:52:18 PM

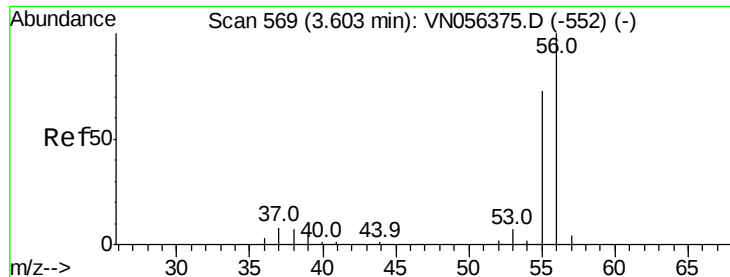


#12

1,1-Dichloroethene
 Concen: 48.476 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	96	Resp	168857
Ion Ratio	100	Lower	Upper
61	150.0	126.6	190.0
98	61.3	51.1	76.7





#13

Acrolein

Concen: 213.798 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 132631

Ion Ratio Lower Upper

56 100

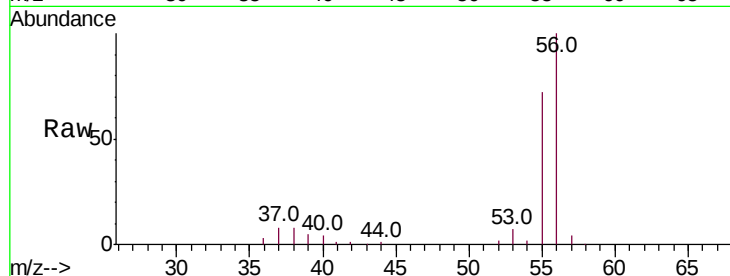
55 69.6 57.1 85.7

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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

60000

50000

40000

30000

20000

10000

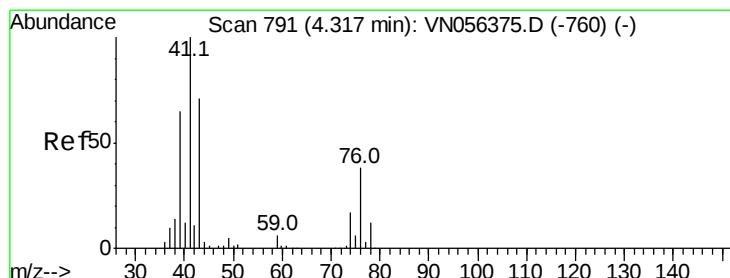
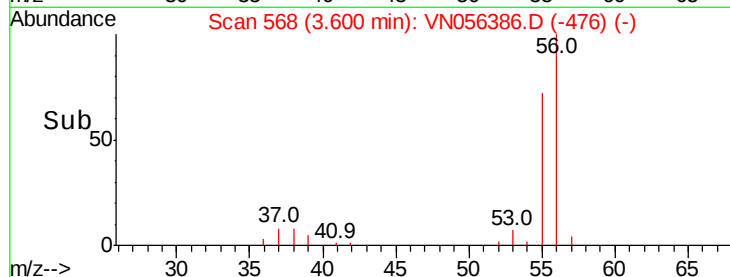
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 48.306 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

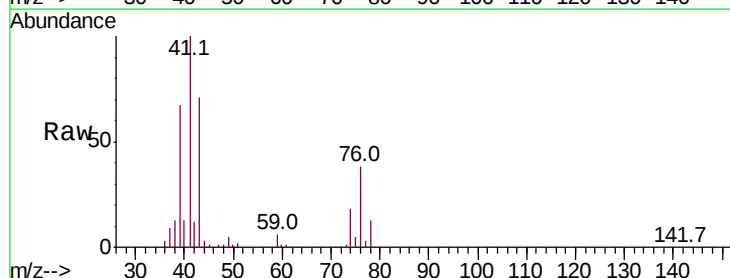
Tgt Ion: 41 Resp: 280100

Ion Ratio Lower Upper

41 100

39 61.7 48.6 73.0

76 34.2 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

120000

100000

80000

60000

40000

20000

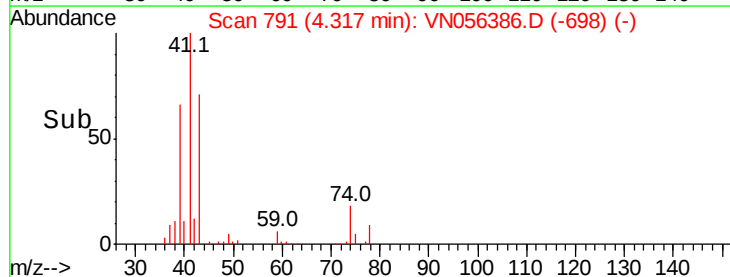
0

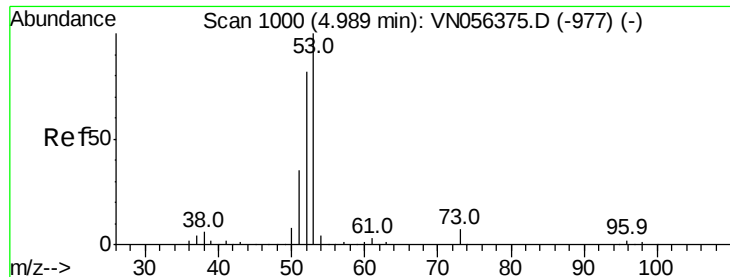
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 222.785 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

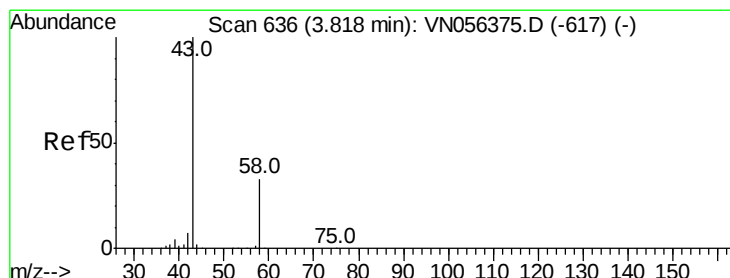
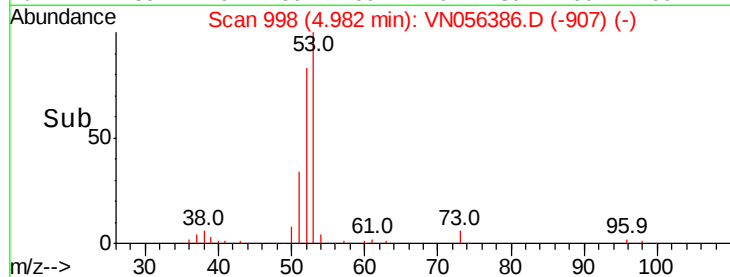
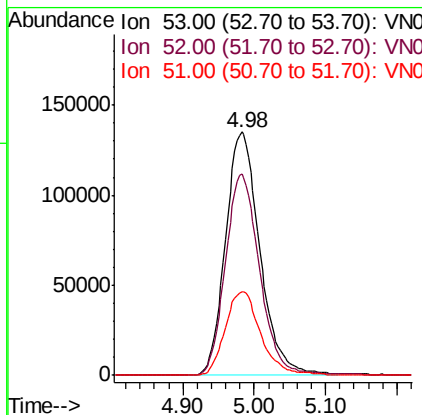
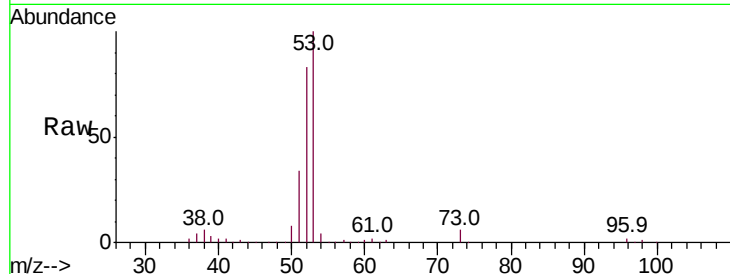
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	453653
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.9	98.9
51	35.6	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 211.965 ug/l

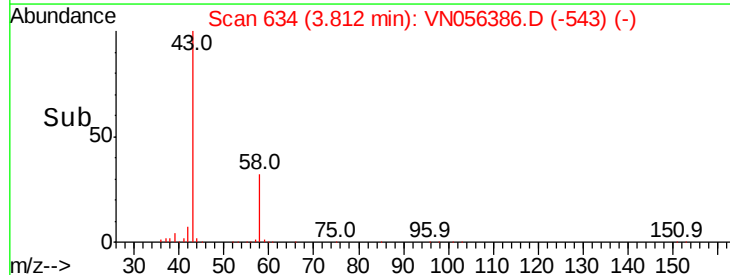
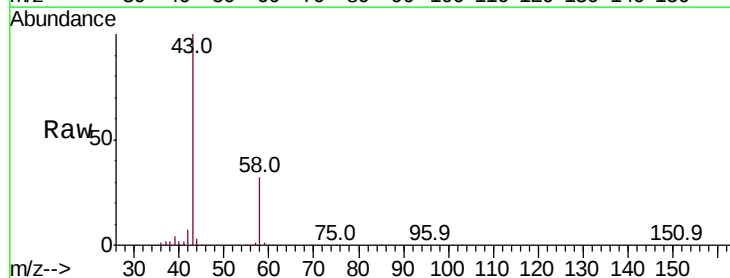
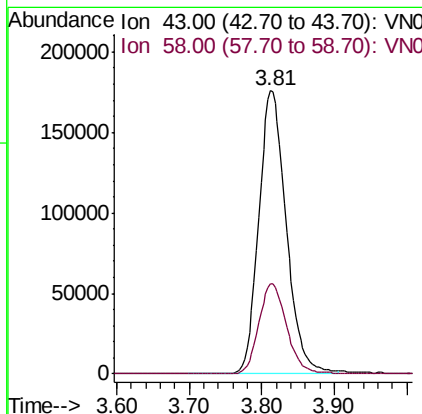
RT: 3.81 min Scan# 634

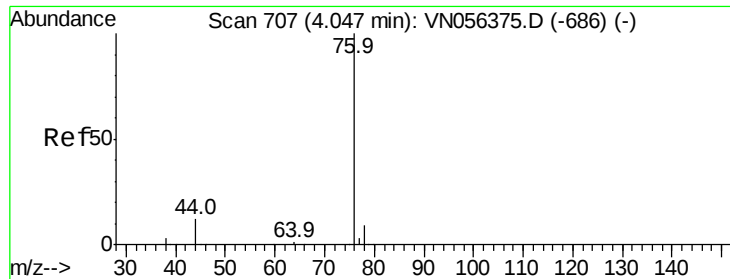
Delta R.T. -0.01 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion:	43	Resp:	464103
Ion Ratio	Lower	Upper	
43	100		
58	31.7	26.4	39.6





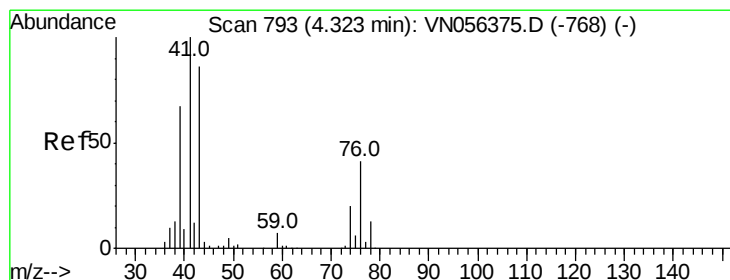
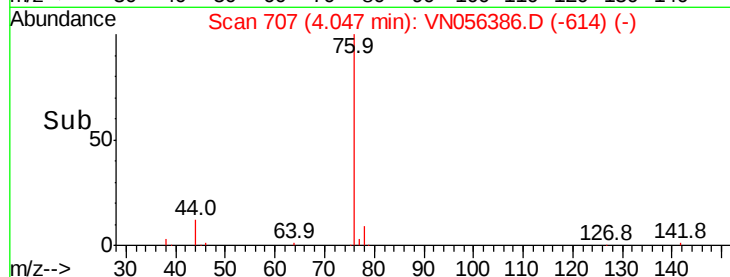
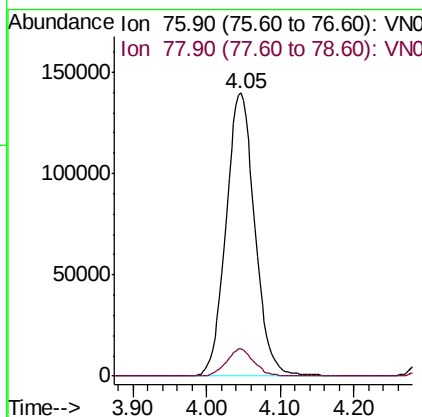
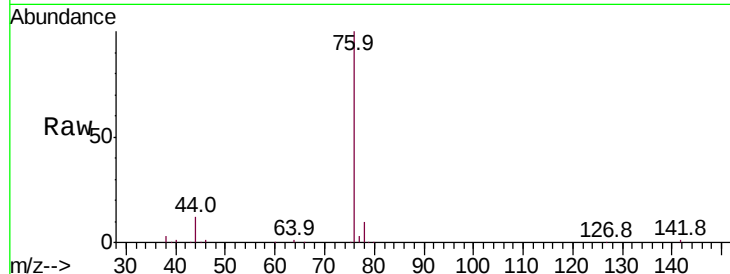
#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 378864
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

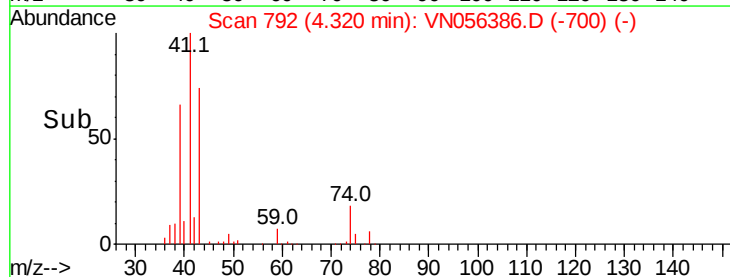
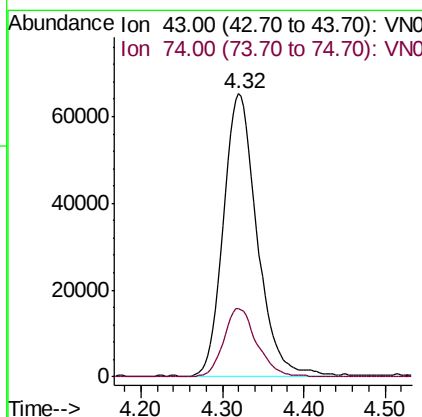
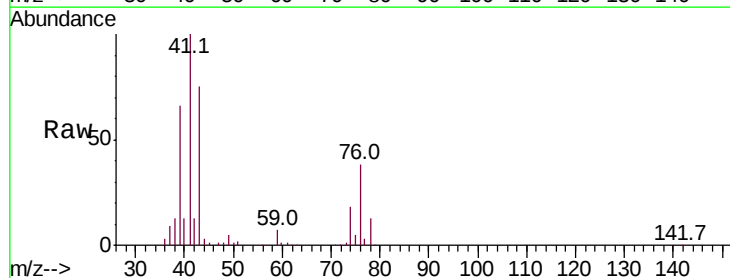
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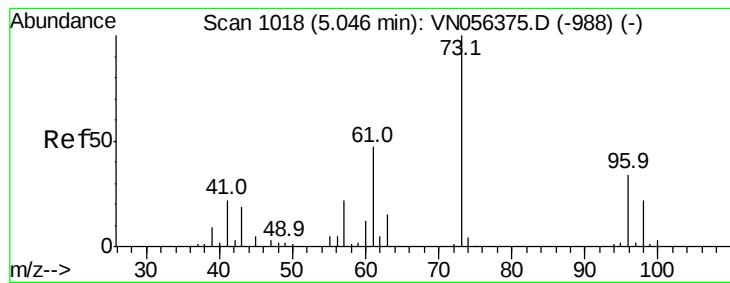
MMDadoda
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#18
Methyl Acetate
Concen: 43.684 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 43 Resp: 187804
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





#19

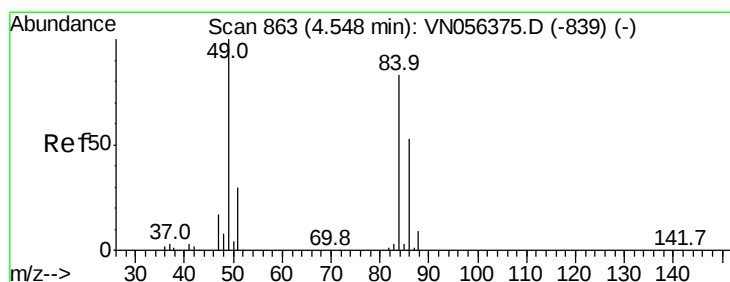
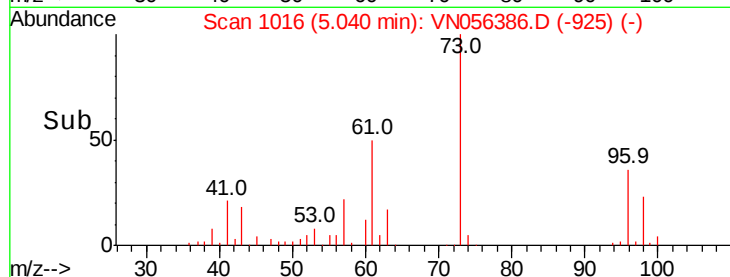
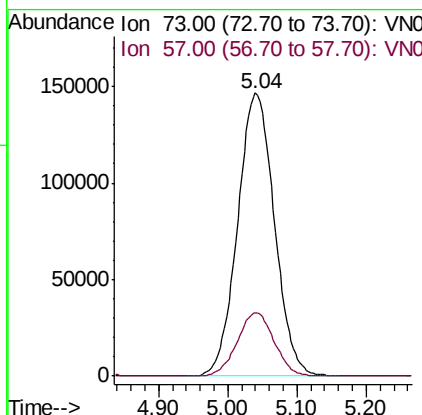
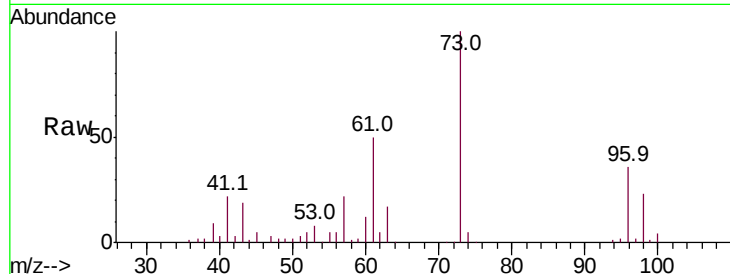
Methyl tert-butyl Ether
 Concen: 46.923 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.9	26.9

Manual Integrations
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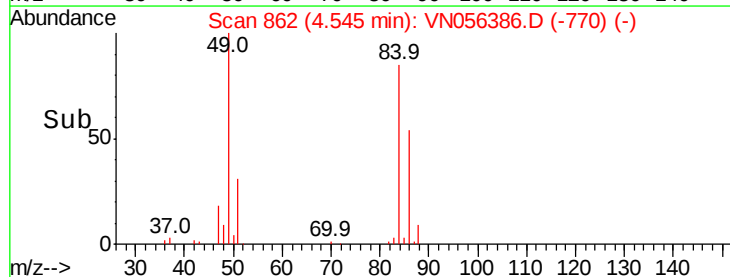
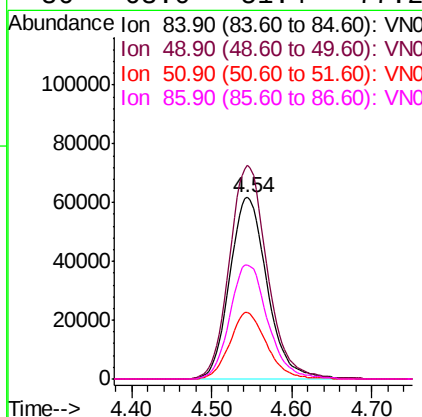
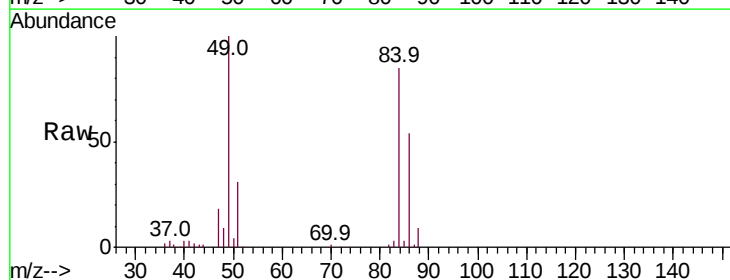
MMDadoda
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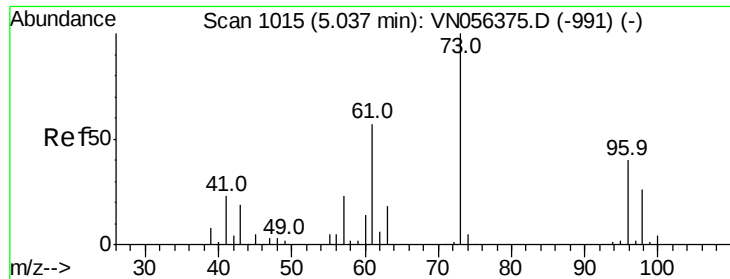


#20

Methylene Chloride
 Concen: 47.591 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	96.4	144.6
51	36.9	28.6	43.0
86	63.0	51.4	77.2





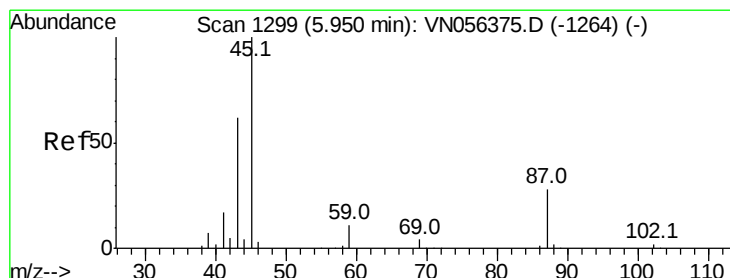
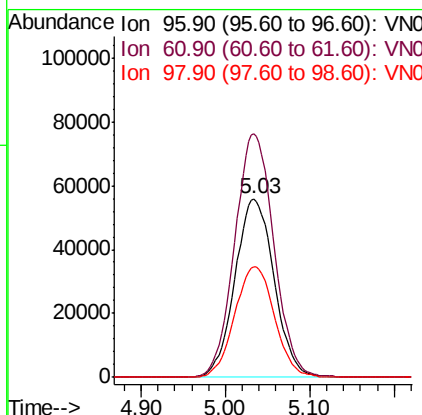
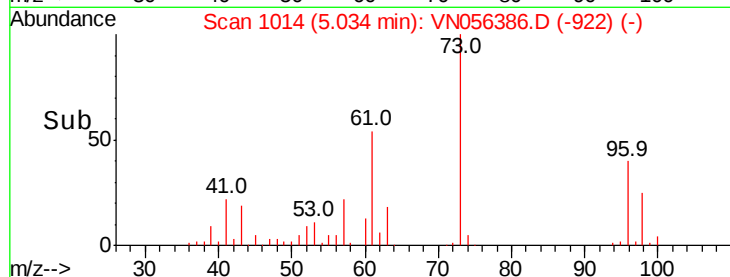
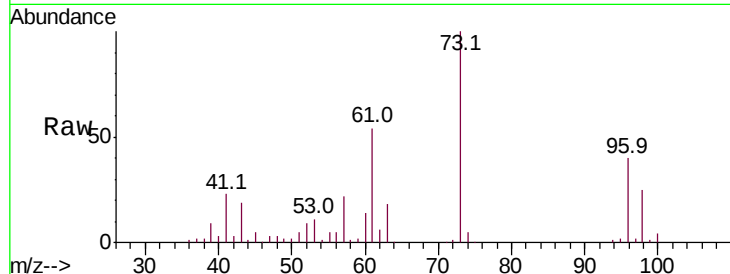
#21
trans-1,2-Dichloroethene
Concen: 48.110 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	113.0	169.6
98	62.1	52.2	78.2

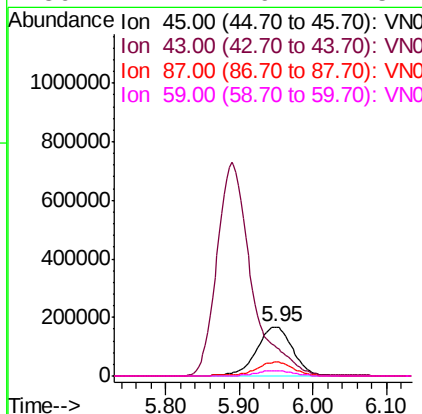
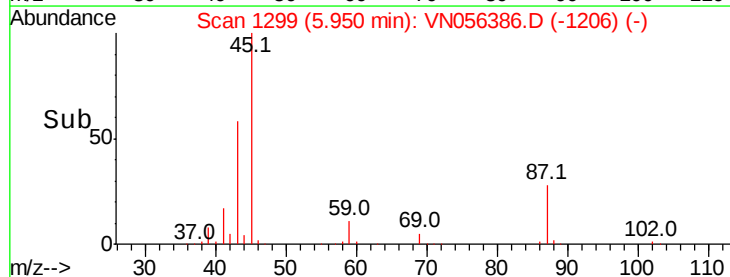
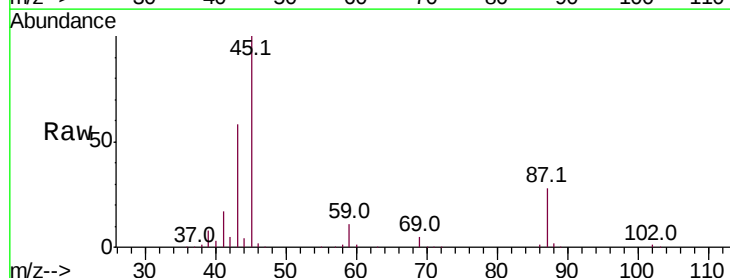
Manual Integrations
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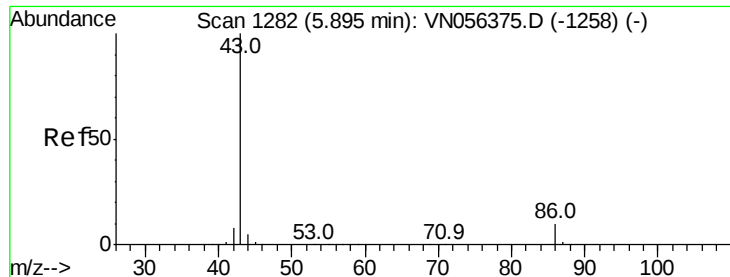
MMDadoda
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#22
Diisopropyl ether
Concen: 47.476 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.6	50.4	75.6
87	27.9	23.0	34.4
59	11.1	9.1	13.7





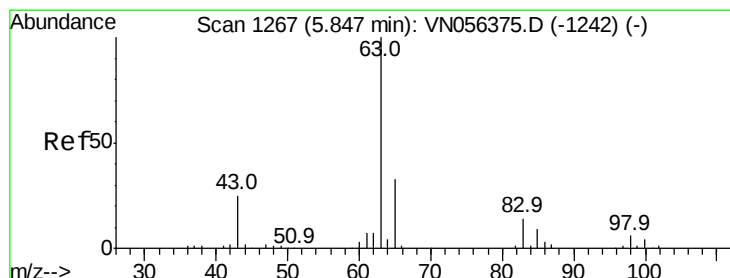
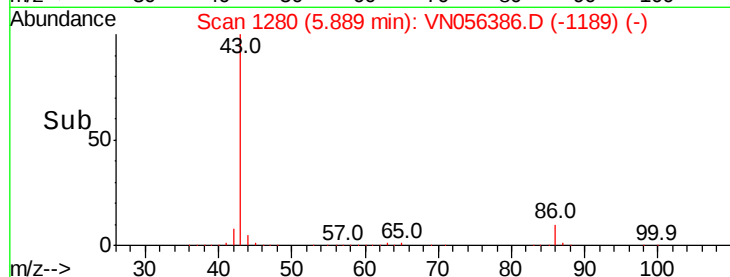
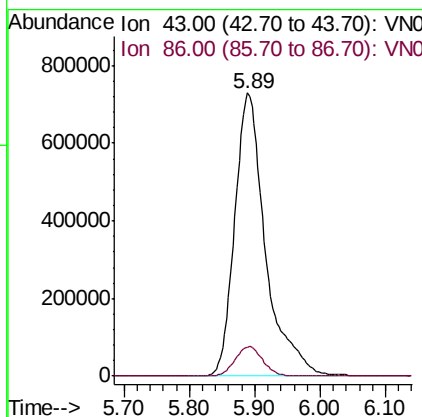
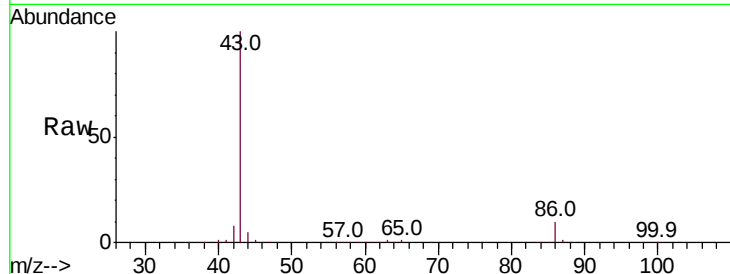
#23
 Vinyl Acetate
 Concen: 248.454 ug/l
 RT: 5.89 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2386328
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5

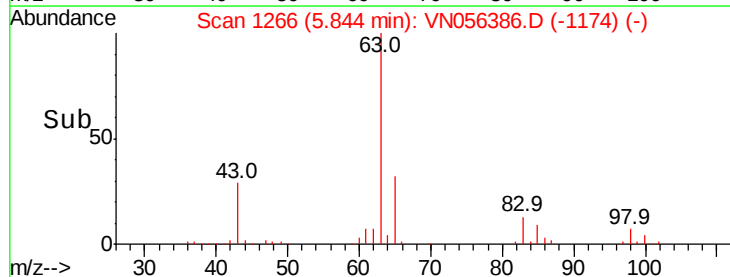
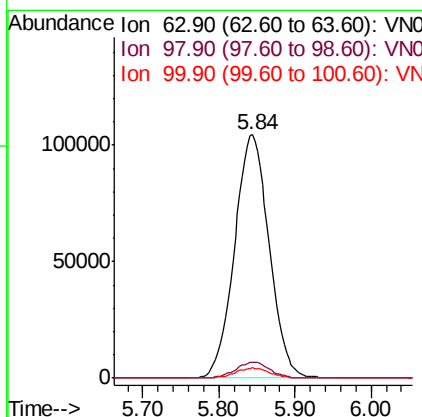
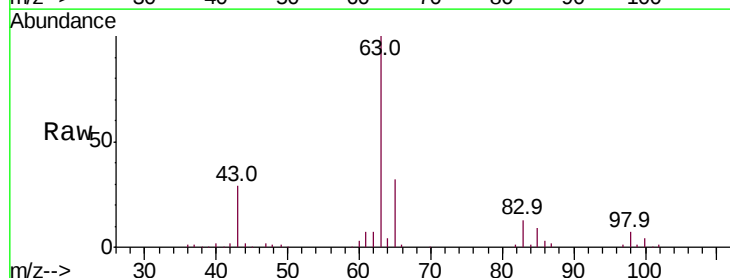
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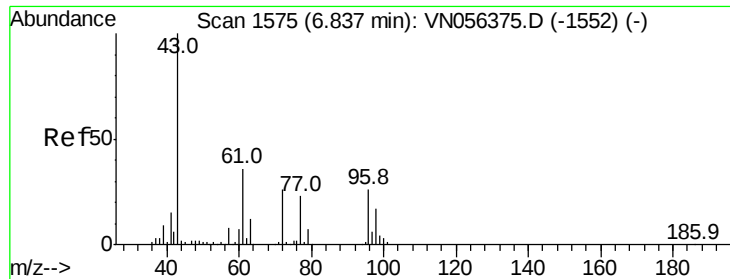
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 47.194 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 63 Resp: 329900
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 218.313 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 632639

Ion Ratio Lower Upper

43 100

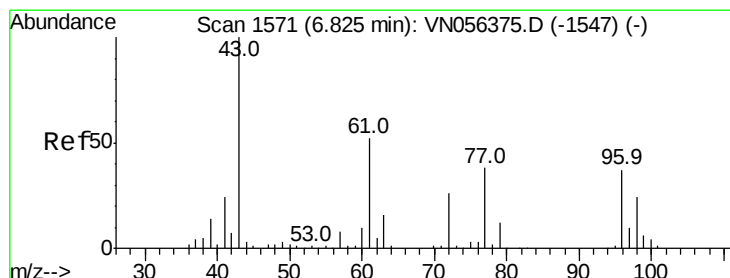
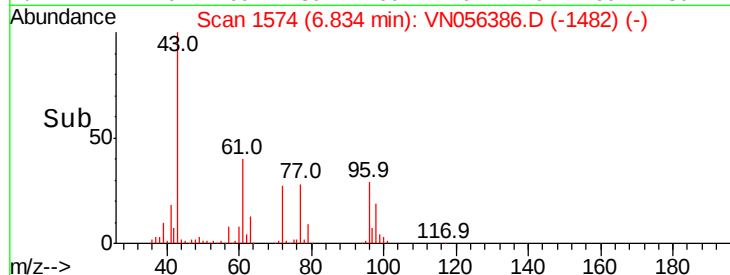
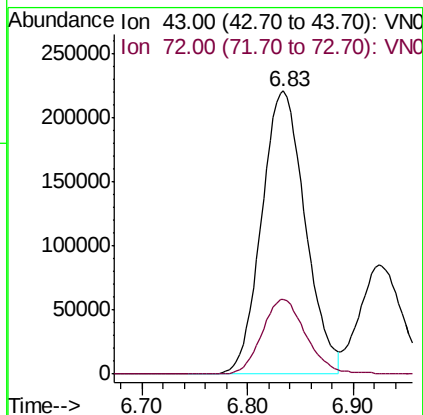
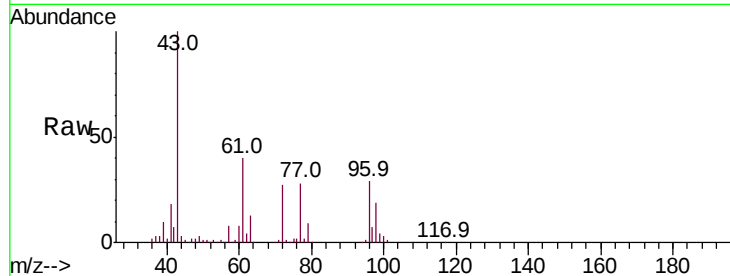
72 26.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.989 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056386.D

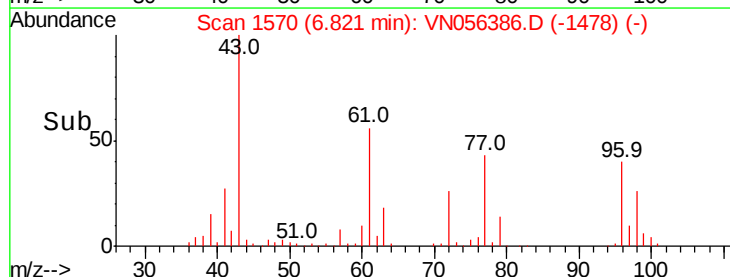
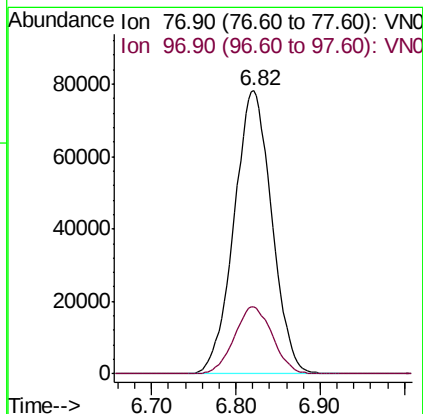
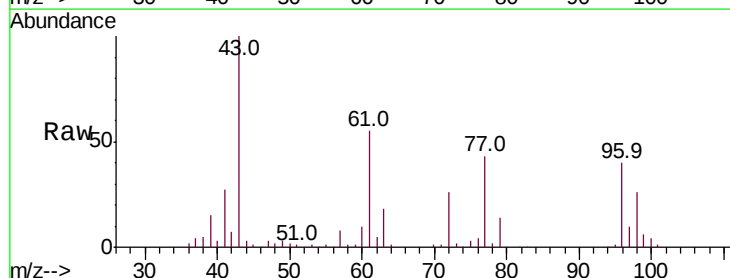
Acq: 19 Jun 2019 15:21

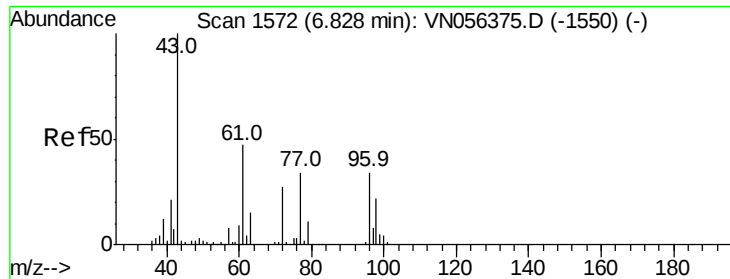
Tgt Ion: 77 Resp: 243033

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





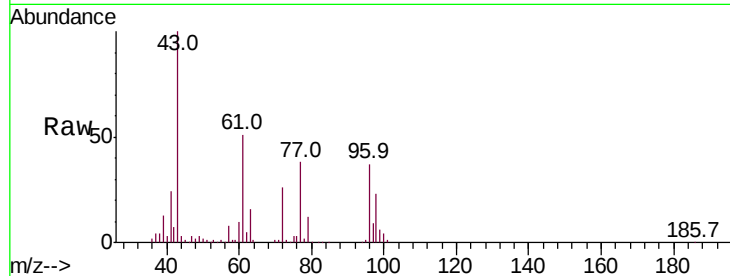
#27
 cis-1,2-Dichloroethene
 Concen: 48.222 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

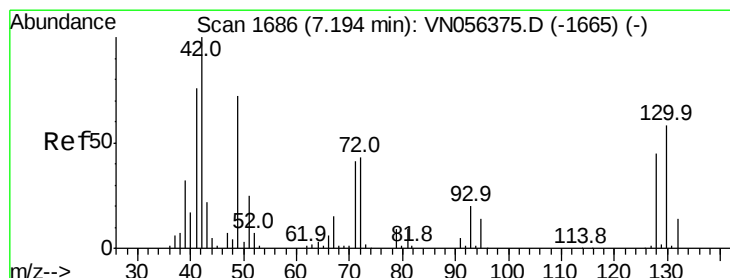
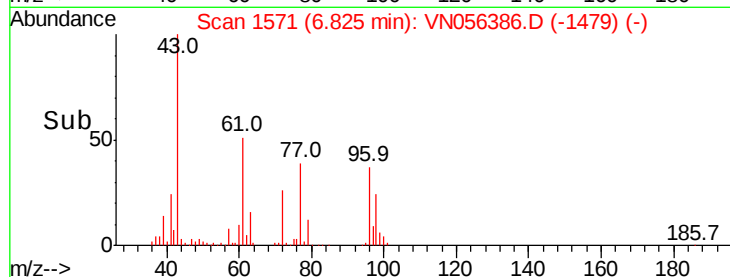
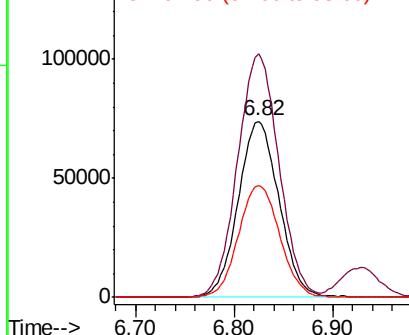
Tot Ion	Ratio	Resp	Lower	Upper
96	100	211877		
61	140.6	0.0	279.8	
98	64.8	0.0	130.0	

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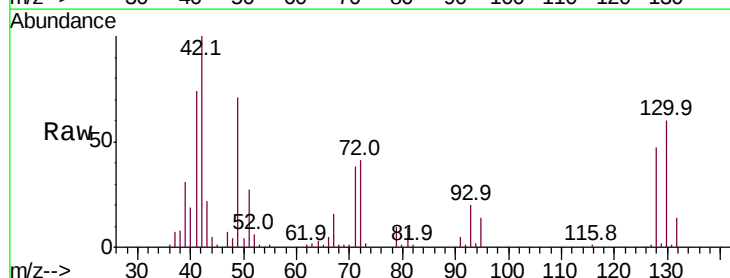


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

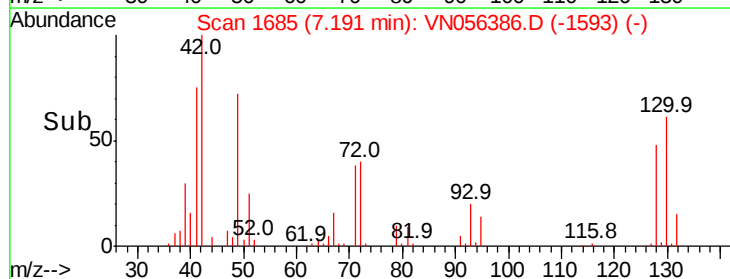
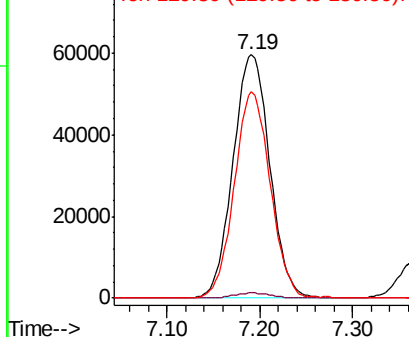


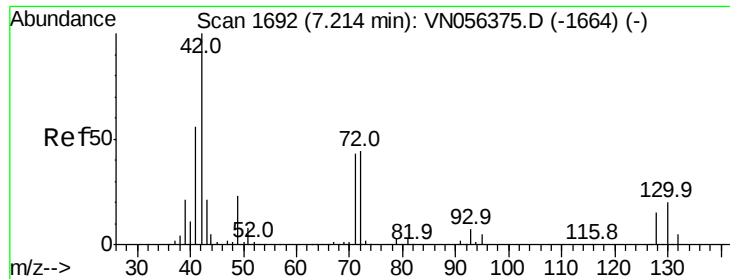
#28
 Bromochloromethane
 Concen: 47.531 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164340		
129	2.0	0.0	4.2	
130	82.7	64.9	97.3	



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





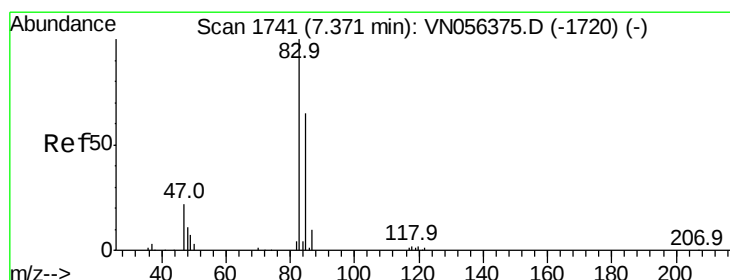
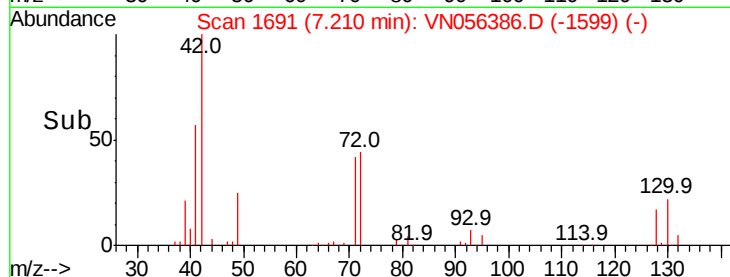
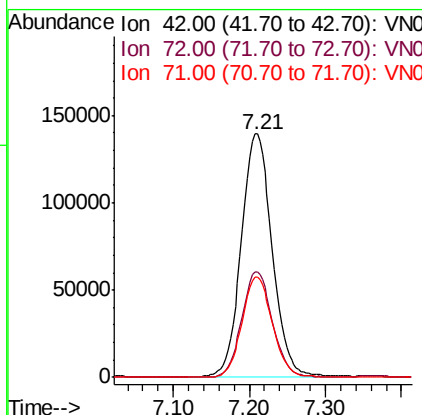
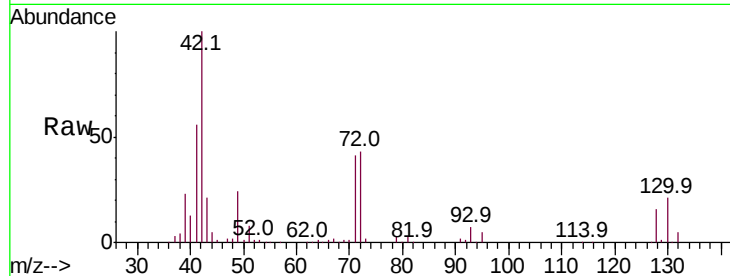
#29
Tetrahydrofuran
Concen: 222.052 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.7	52.1
71	40.6	33.0	49.6

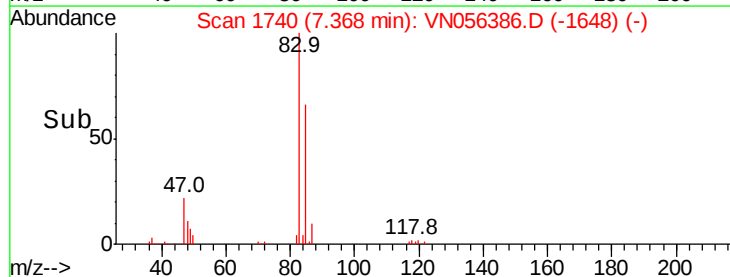
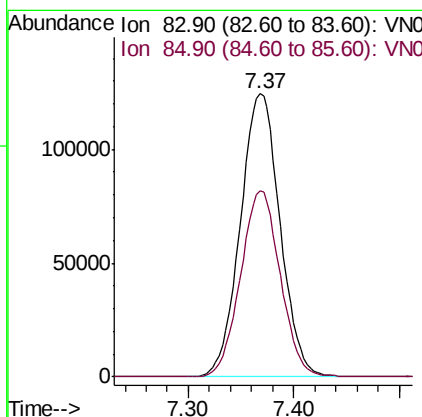
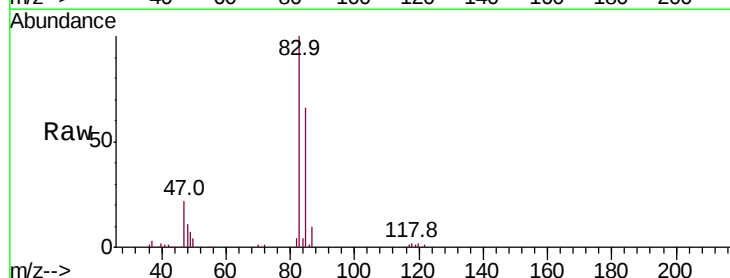
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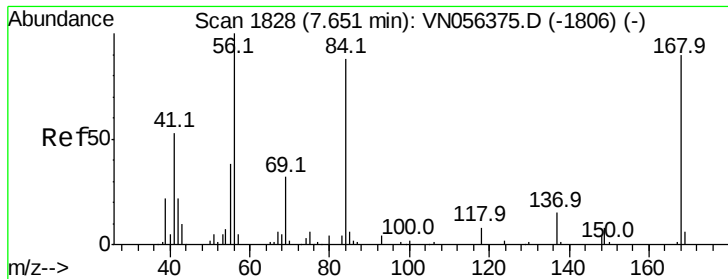
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#30
Chloroform
Concen: 47.265 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.3	78.5





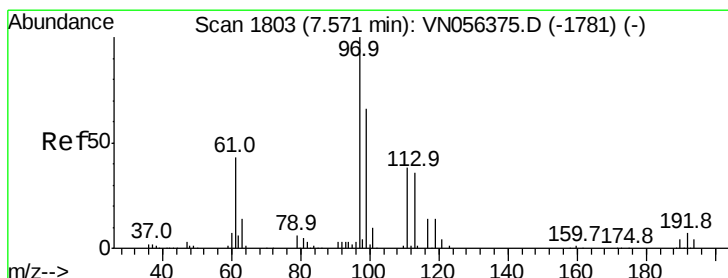
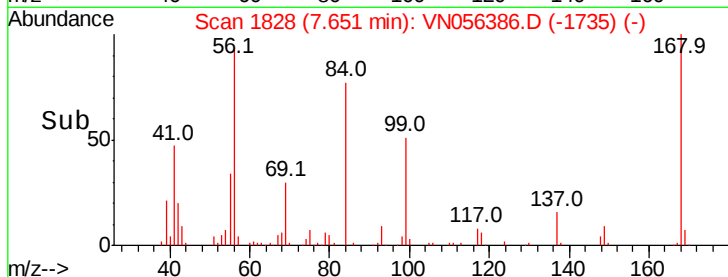
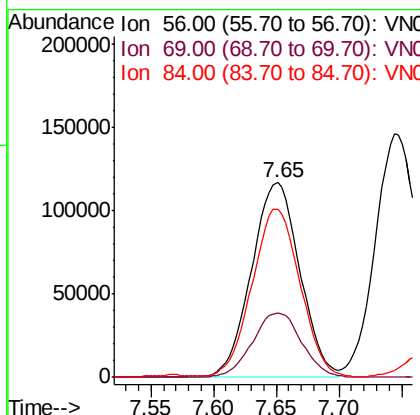
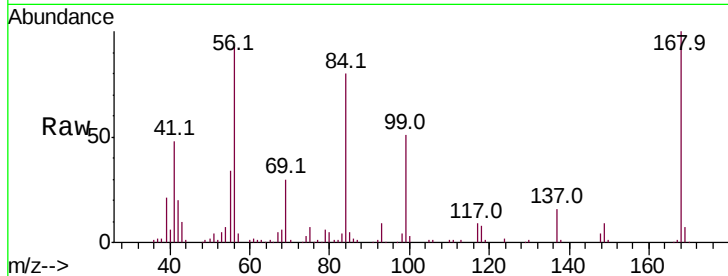
#31
Cyclohexane
Concen: 46.430 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.8	38.6
84	85.2	69.4	104.0

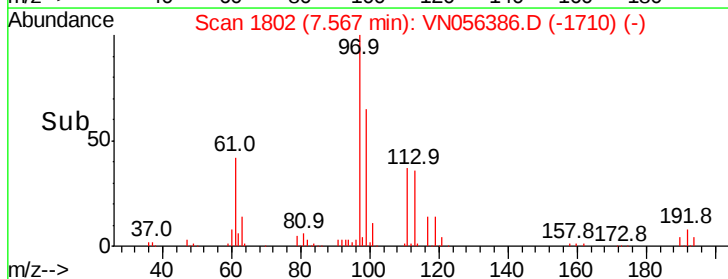
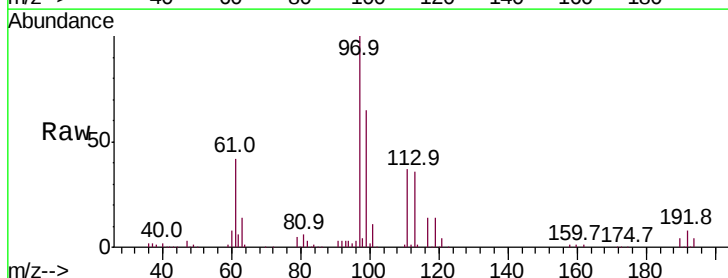
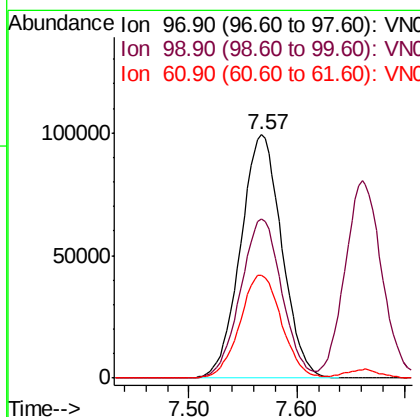
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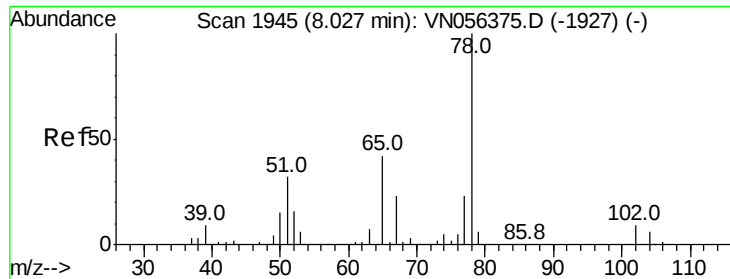
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#32
1,1,1-Trichloroethane
Concen: 48.226 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	42.8	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 47.324 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 206813

Ion Ratio Lower Upper

65 100

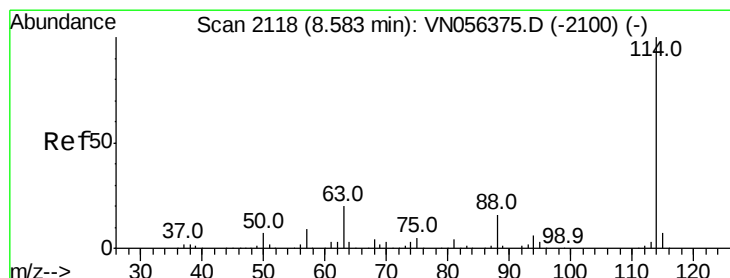
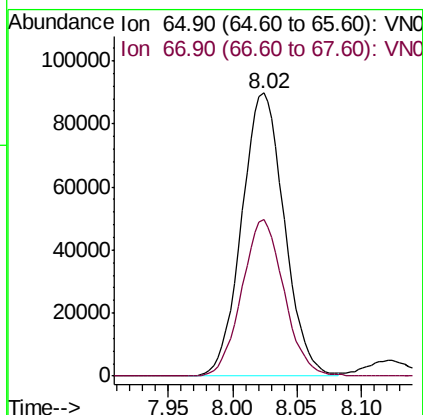
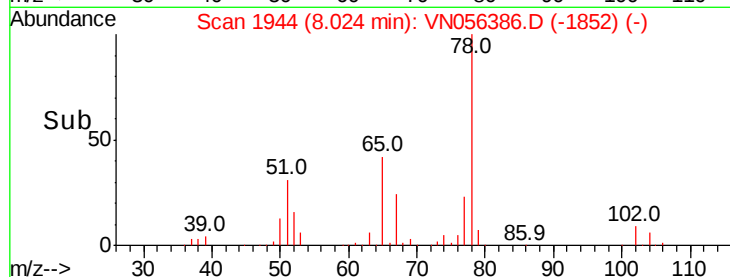
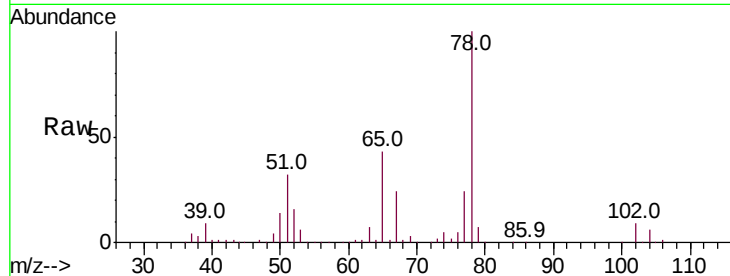
67 54.7 0.0 109.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

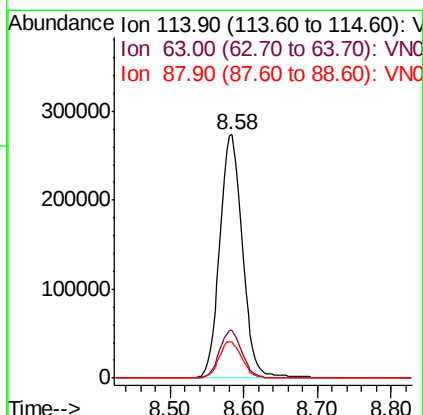
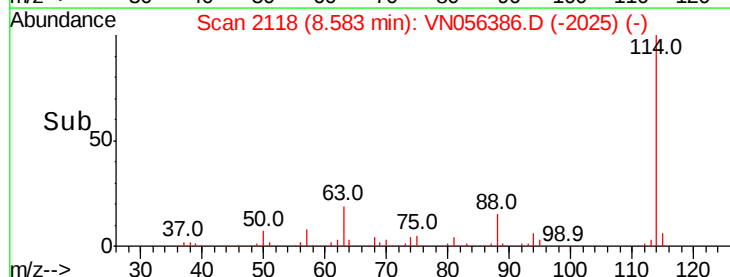
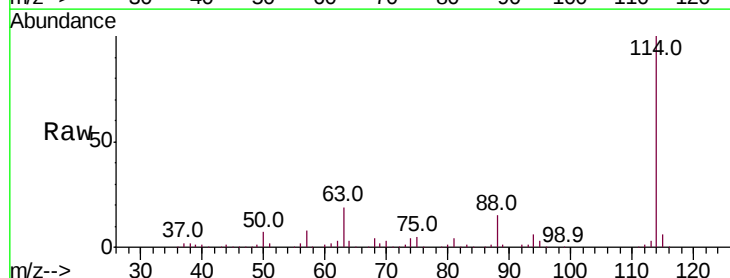
Tgt Ion: 114 Resp: 587083

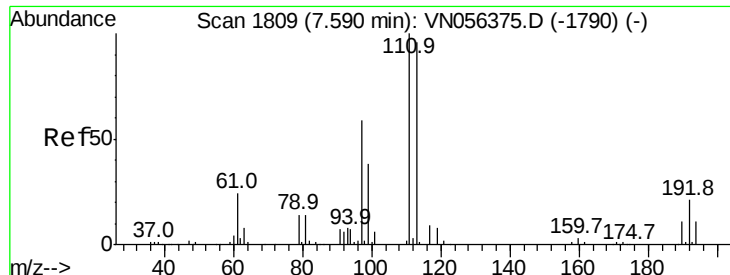
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 14.8 0.0 31.4





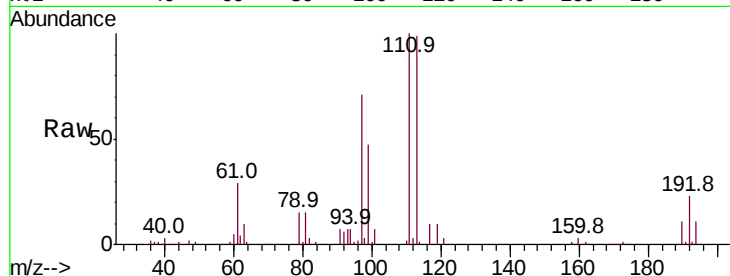
#35
Dibromofluoromethane
Concen: 50.152 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

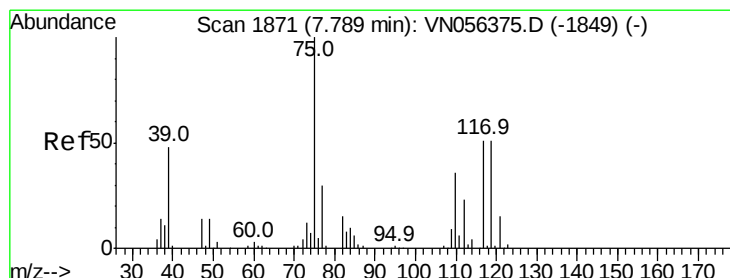
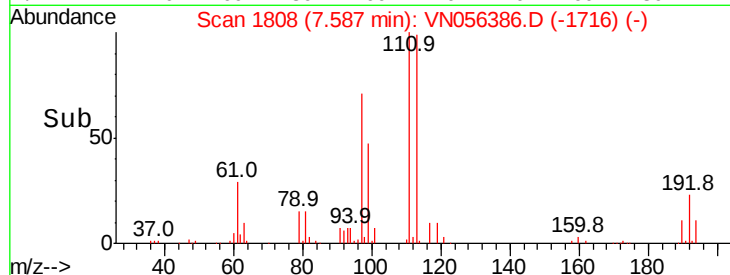
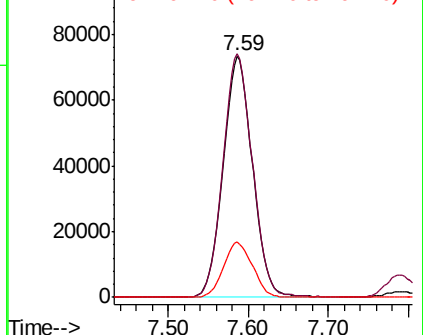
Tot Ion	Ratio	Resp	Lower	Upper
113	100	183678		
111	101.4	82.9	124.3	
192	22.5	17.7	26.5	

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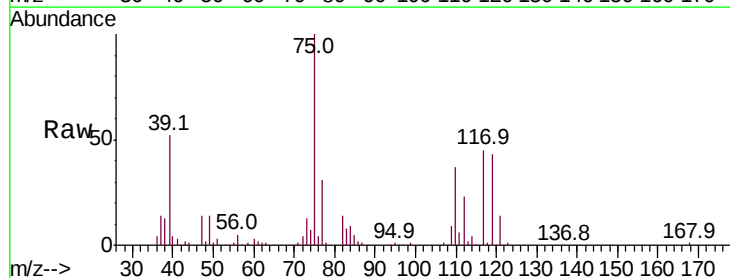


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

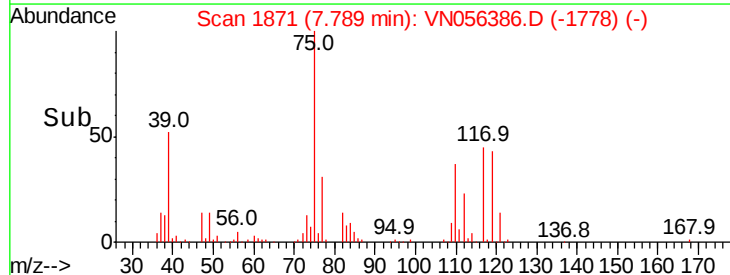
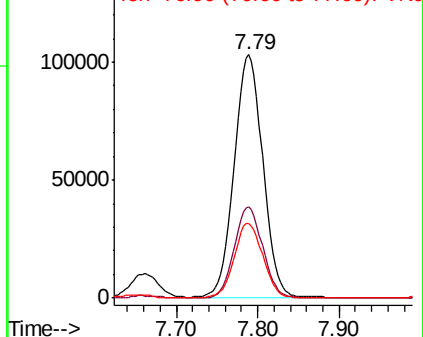


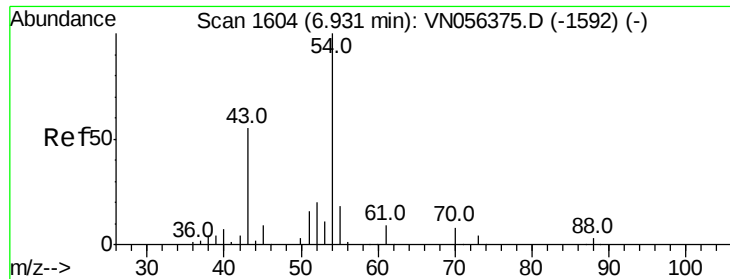
#36
1,1-Dichloropropene
Concen: 48.820 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	252274		
110	37.2	18.1	54.3	
77	31.0	24.6	36.8	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





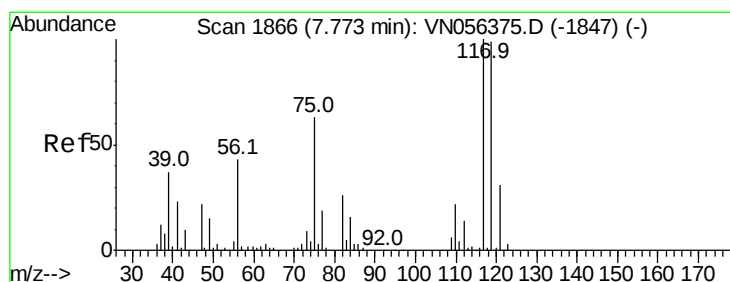
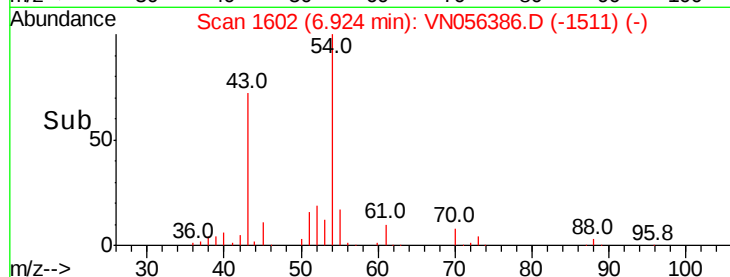
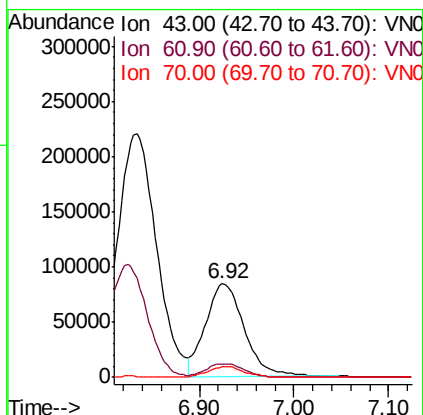
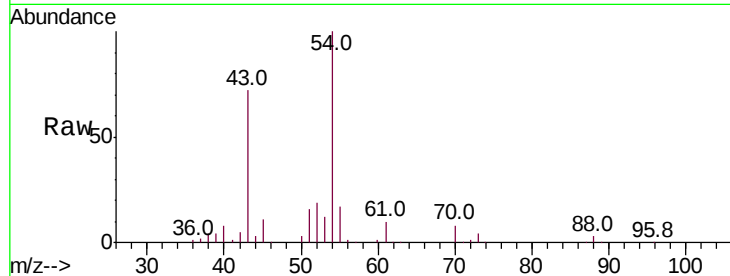
#37
Ethyl Acetate
Concen: 47.425 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.9	8.3	12.5

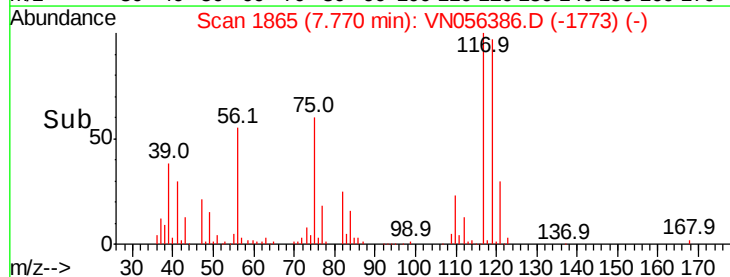
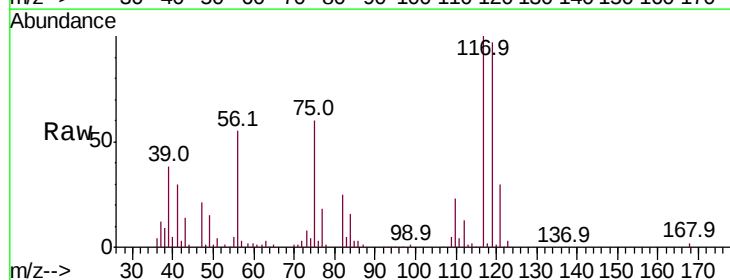
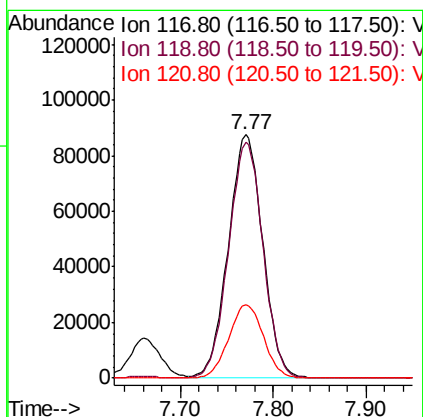
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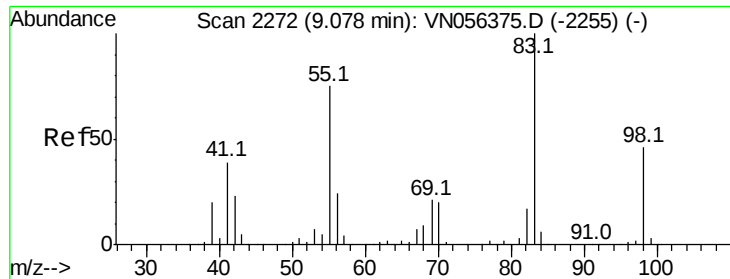
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#38
Carbon Tetrachloride
Concen: 49.944 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.1	118.7
121	30.1	24.8	37.2





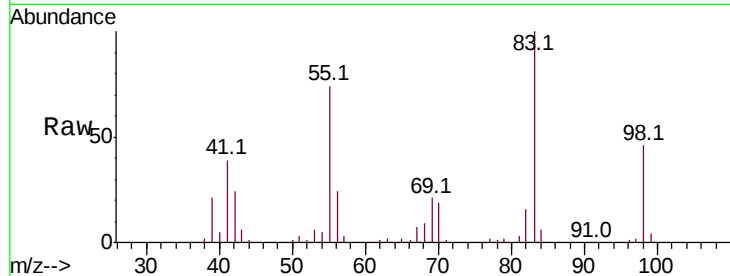
#39
Methylvlcyclohexane
Concen: 48.798 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.0	90.0
98	45.8	36.6	54.8

Manual Integrations
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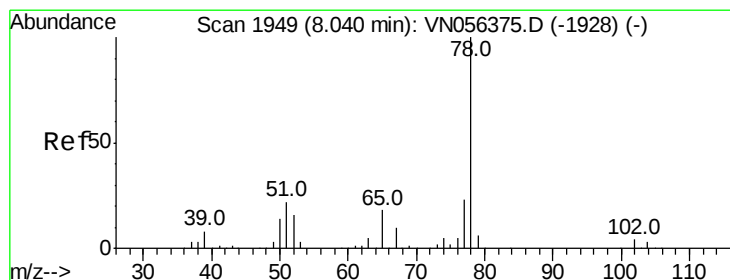
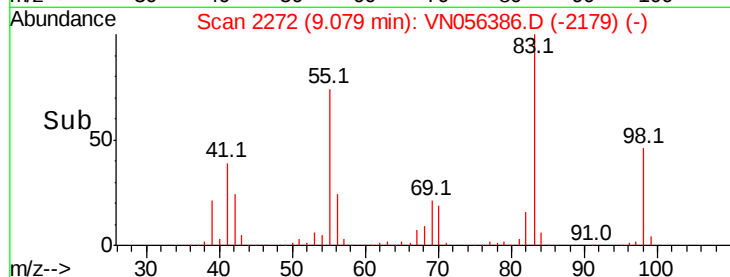
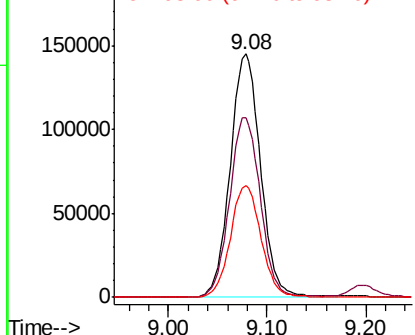


Abundance

Ion 83.00 (82.70 to 83.70): VN0

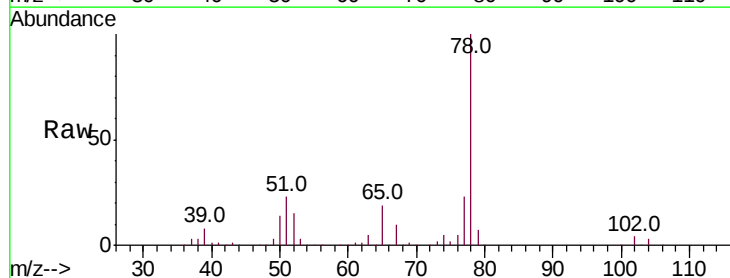
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 48.409 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

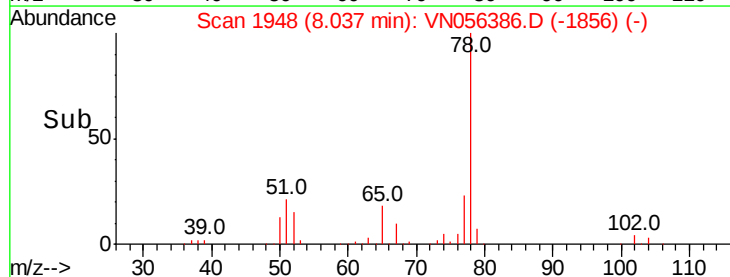
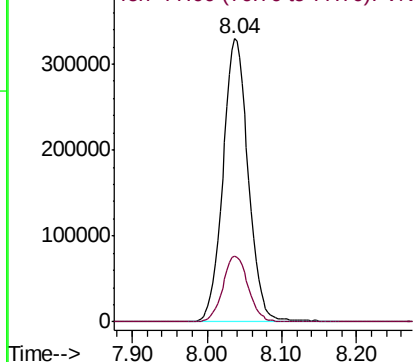
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5

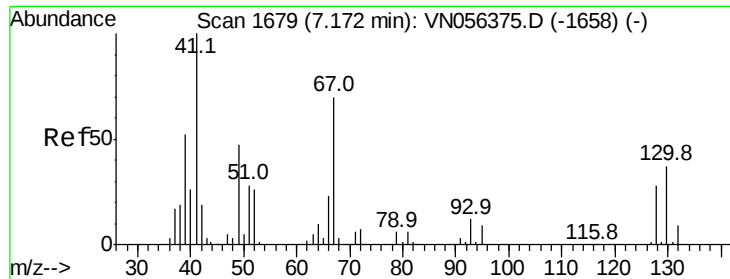


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





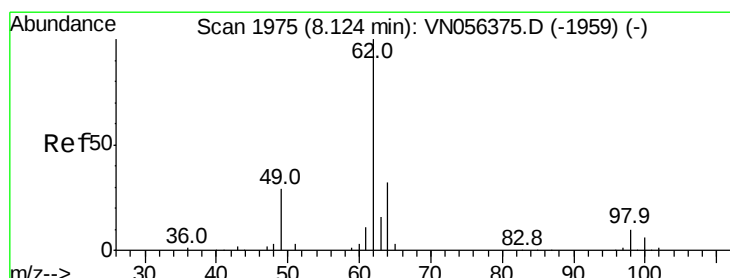
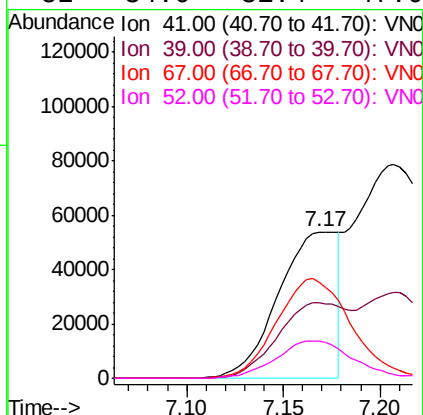
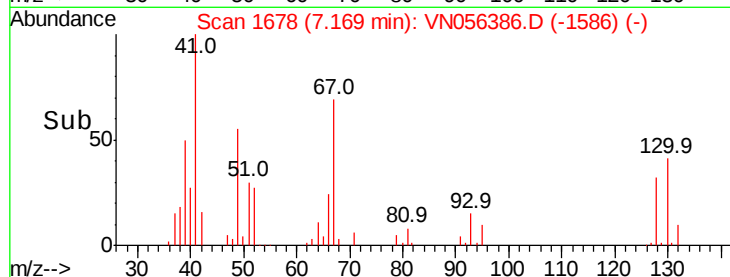
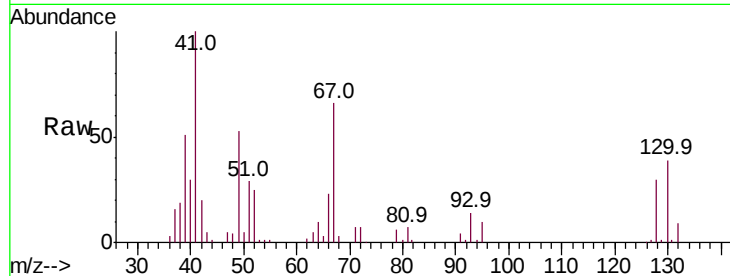
#41
Methacrylonitrile
Concen: 50.855 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	114039
Ion	Ratio	Lower	Upper
41	100		
39	60.3	55.3	82.9
67	86.5	79.2	118.8
52	34.0	31.4	47.0

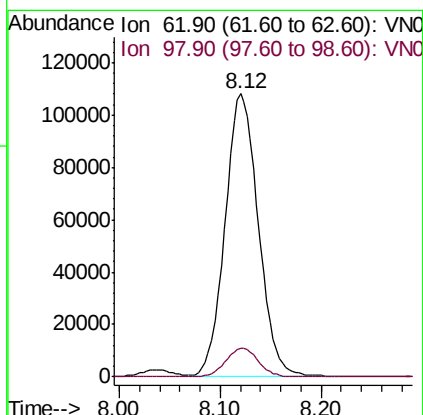
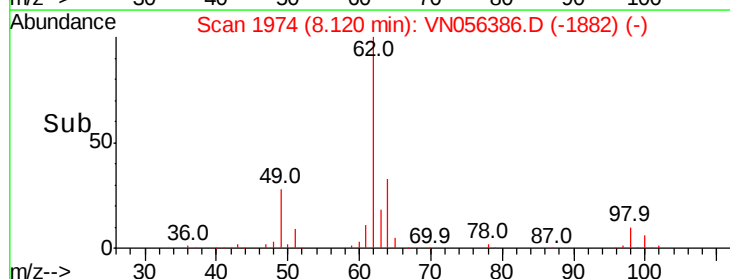
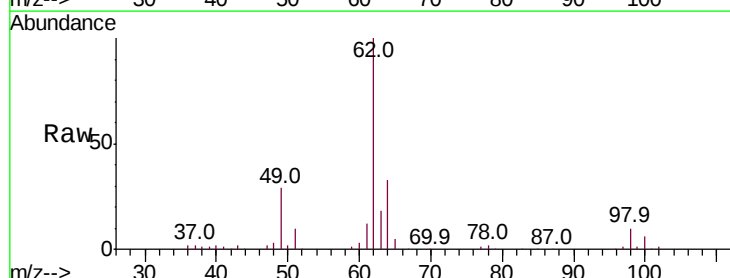
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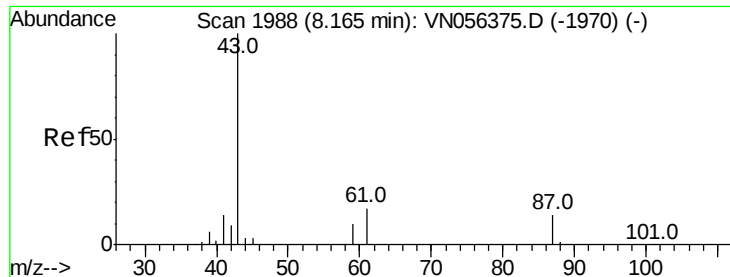
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.139 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	62	Resp	247273
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

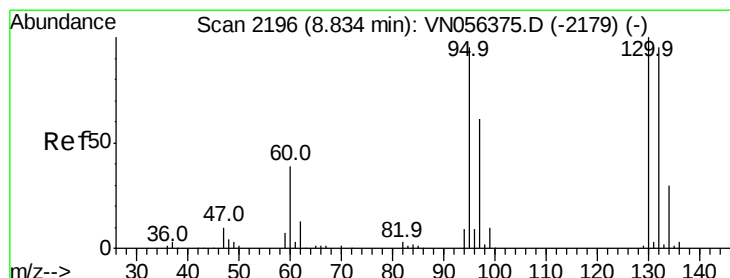
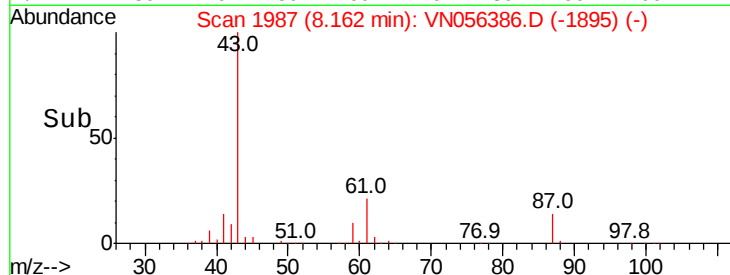
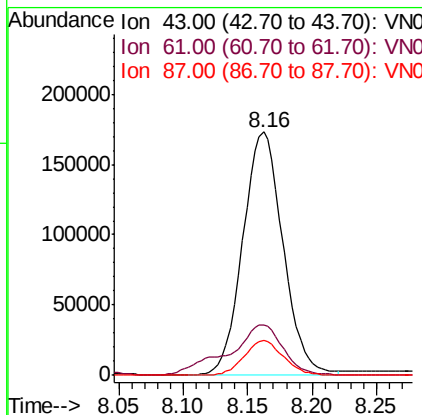
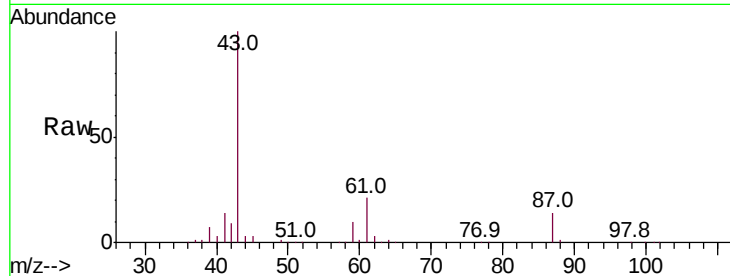
Isopropyl Acetate
 Concen: 47.797 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.0	33.0
87	14.1	11.0	16.4

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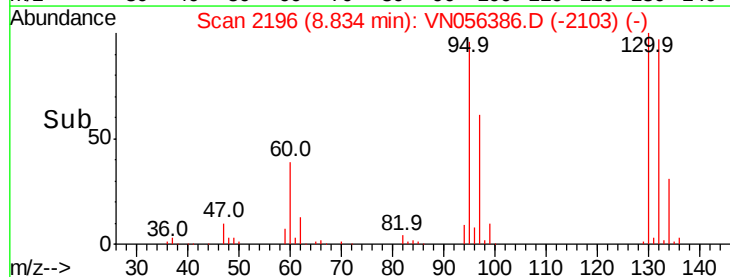
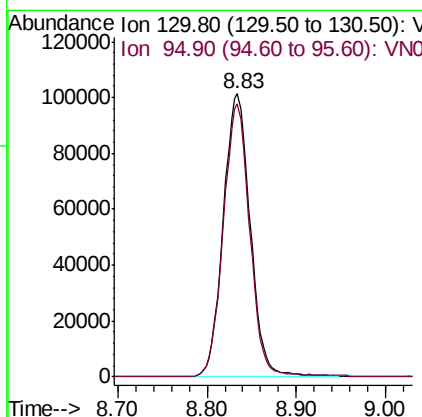
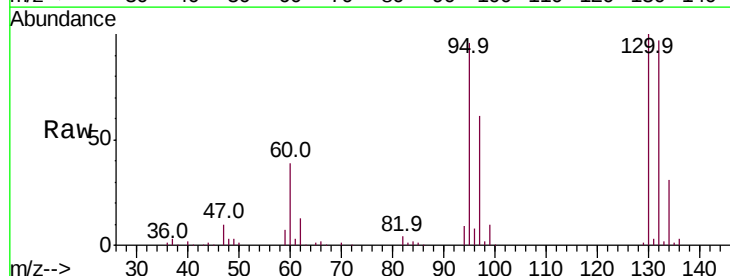
MMDadoda
 6/21/2019 10:52:18 PM

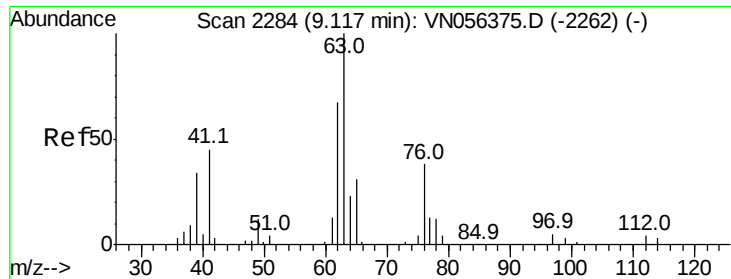


#44

Trichloroethene
 Concen: 49.514 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	191.0





#45

1,2-Dichloropropane

Concen: 48.683 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 206946

Ion Ratio Lower Upper

63 100

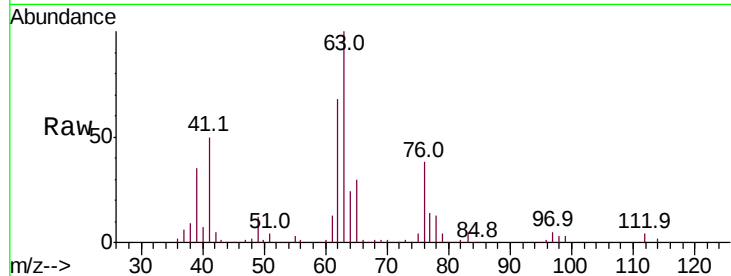
65 30.1 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

120000

100000

80000

60000

40000

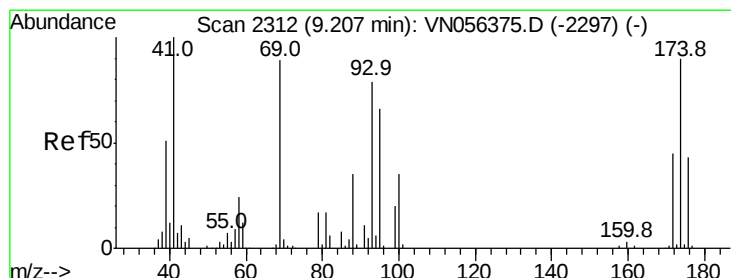
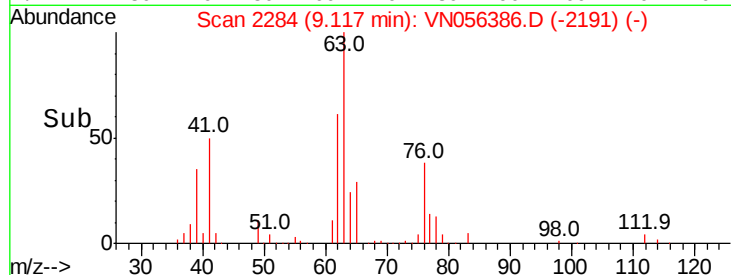
20000

0

9.12

9.00 9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 48.631 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

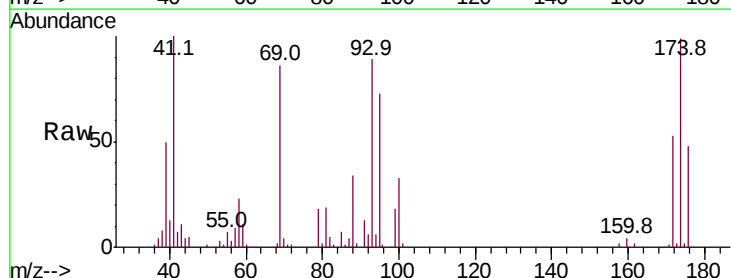
Tgt Ion: 93 Resp: 129335

Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.2

174 113.8 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

40000

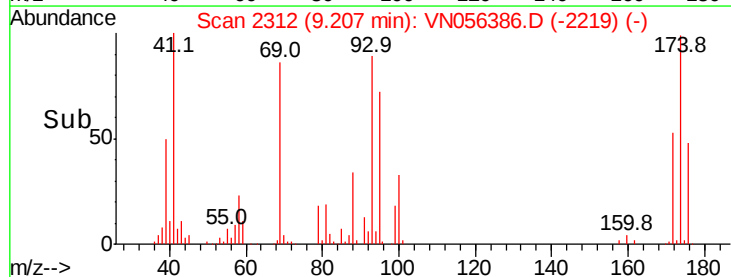
20000

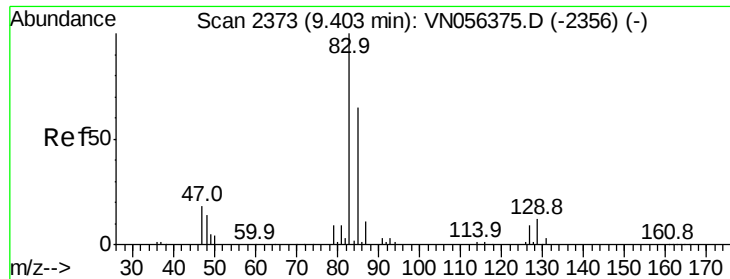
0

9.21

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 51.293 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

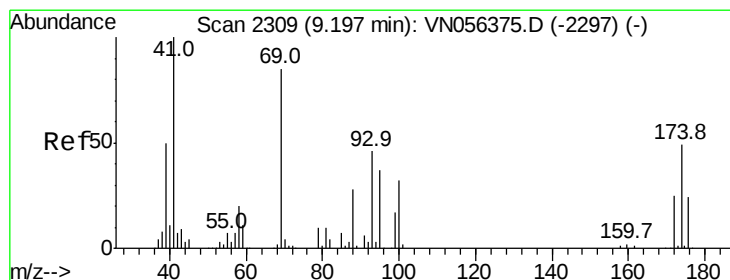
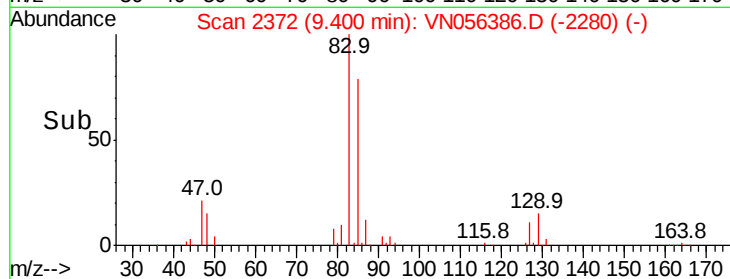
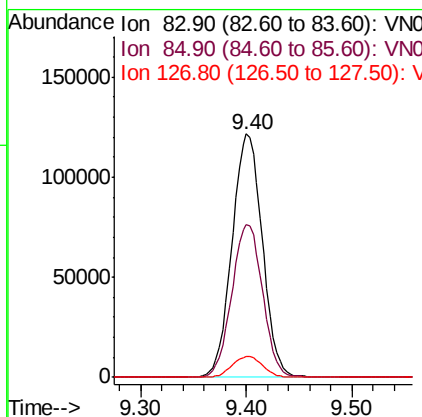
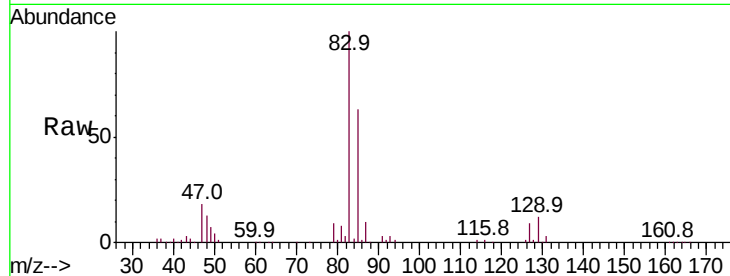
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	241941
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.2	78.4
127	8.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.034 ug/l

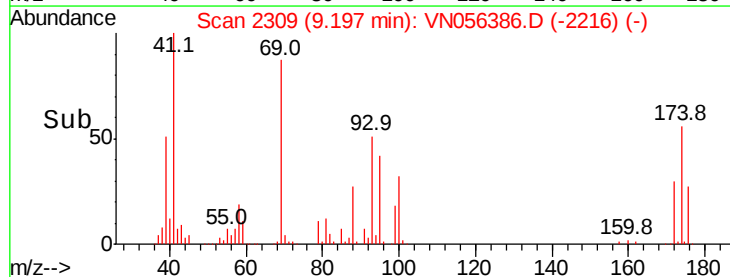
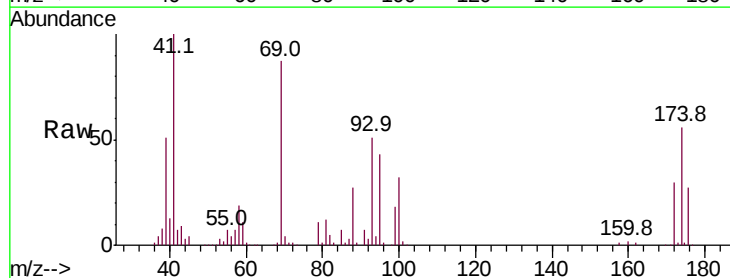
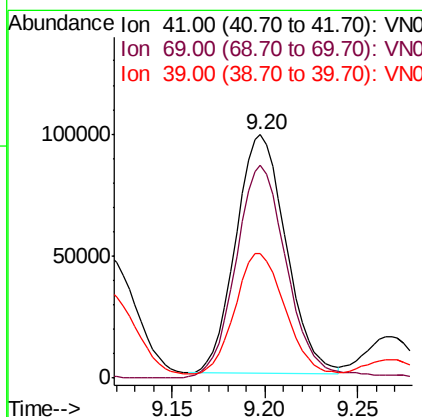
RT: 9.20 min Scan# 2309

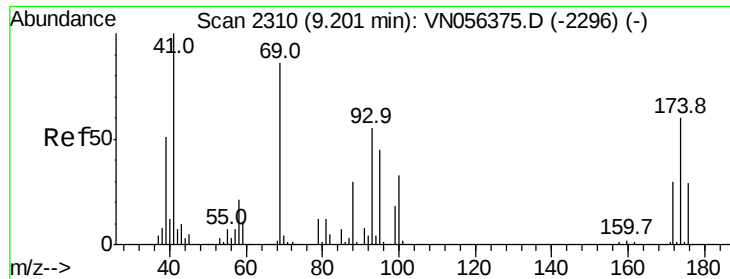
Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion:	41	Resp:	184560
Ion Ratio	Lower	Upper	
41	100		
69	90.5	72.6	109.0
39	53.3	42.6	63.8





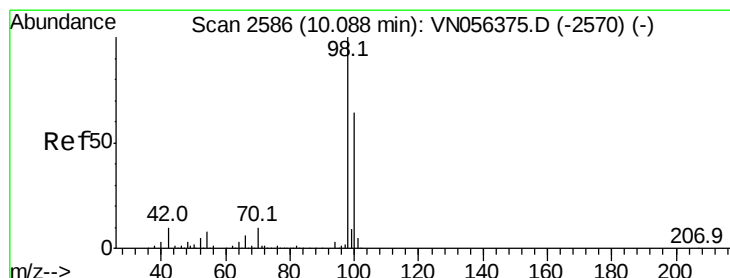
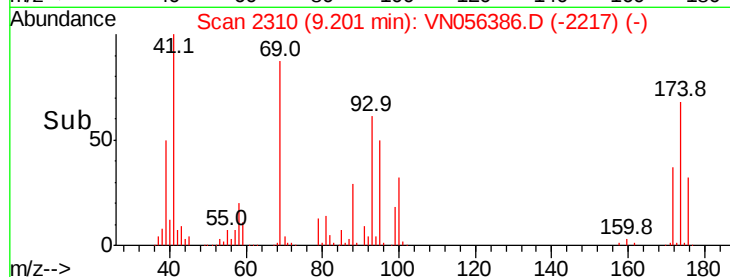
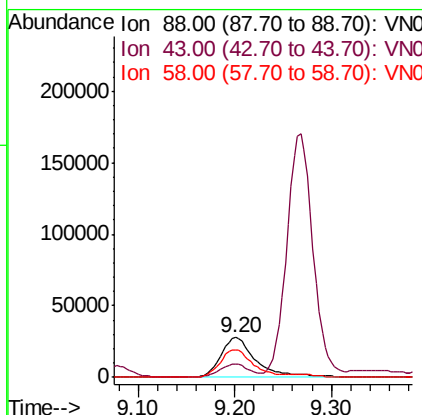
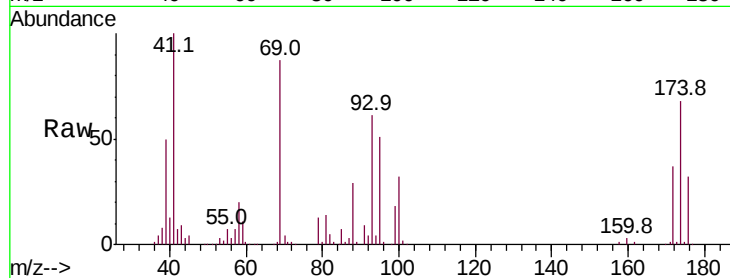
#49
1,4-Dioxane
Concen: 874.145 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	71183
Ion	Ratio	Lower	Upper
88	100		
43	26.1	22.0	33.0
58	64.0	51.8	77.8

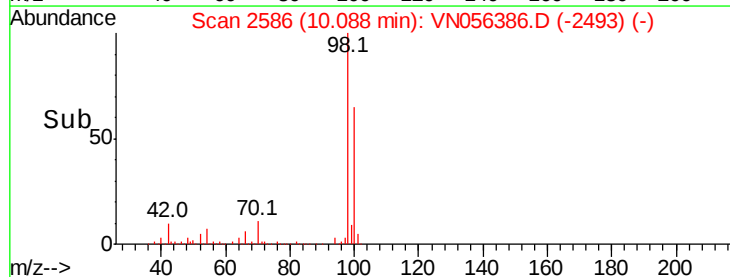
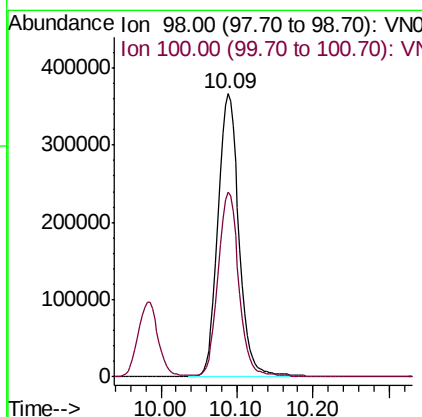
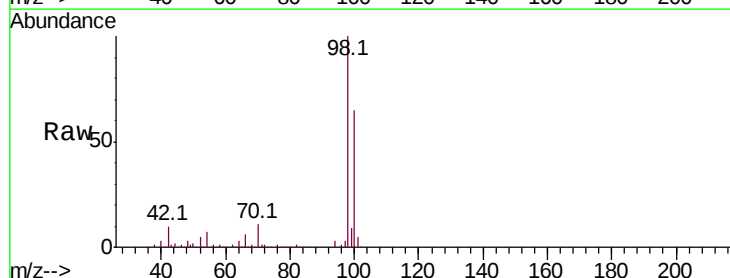
Manual Integrations
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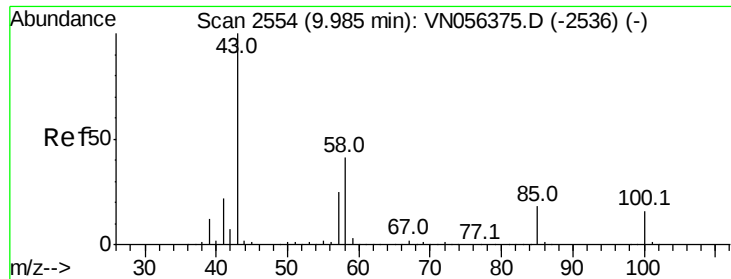
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#50
Toluene-d8
Concen: 49.421 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	98	Resp	704287
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 235.755 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1191517

Ion Ratio Lower Upper

43 100

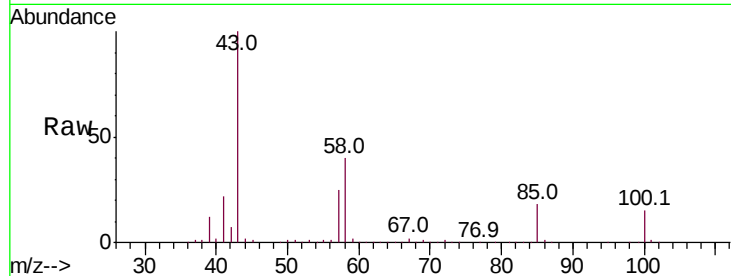
58 39.5 31.8 47.8

Manual Integrations

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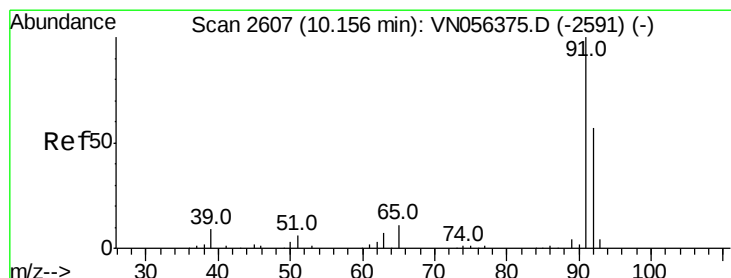
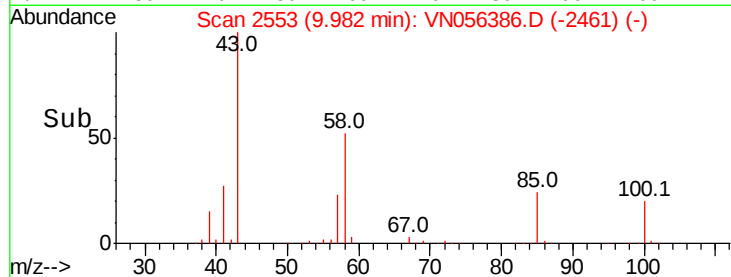
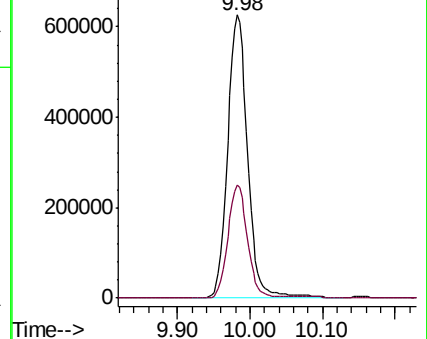
MMDadoda

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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: 49.025 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056386.D

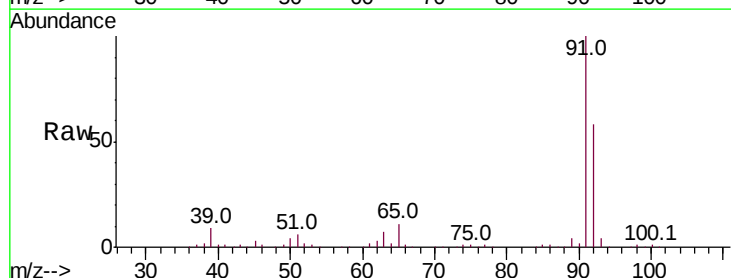
Acq: 19 Jun 2019 15:21

Tgt Ion: 92 Resp: 476418

Ion Ratio Lower Upper

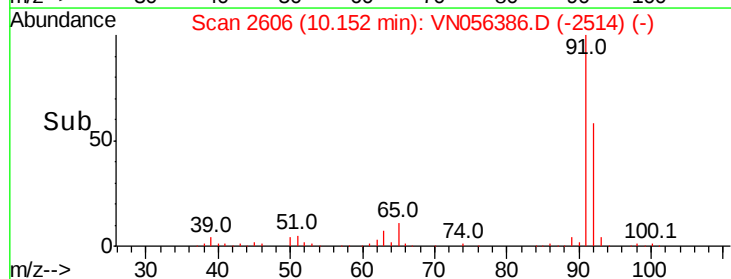
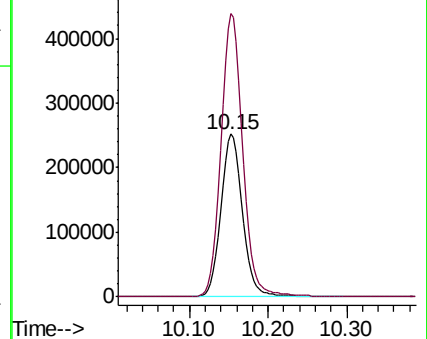
92 100

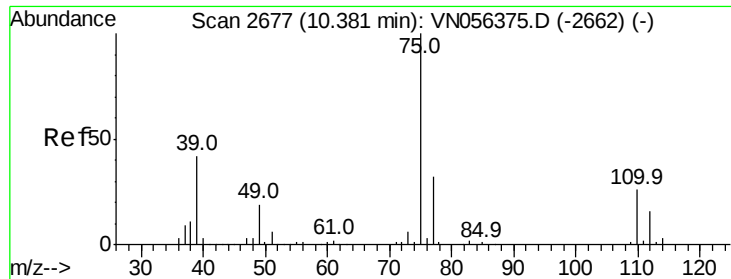
91 174.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





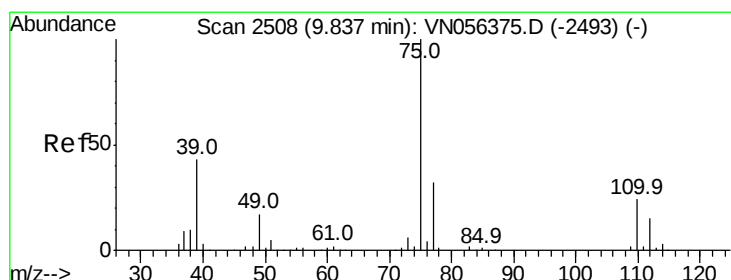
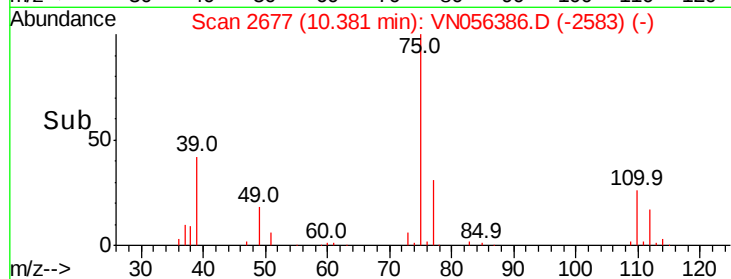
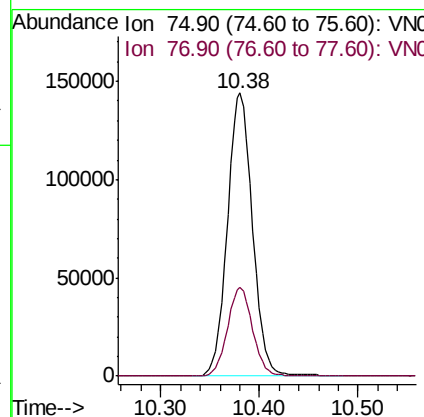
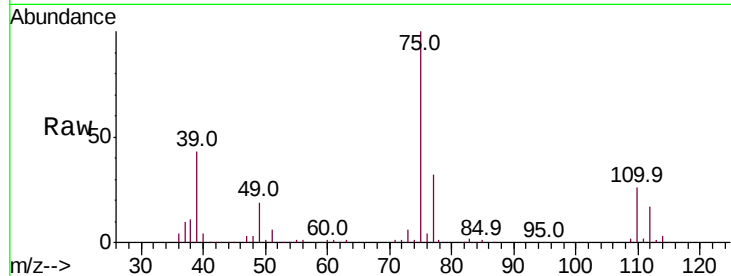
#53
t-1,3-Dichloropropene
Concen: 46.961 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 256966
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

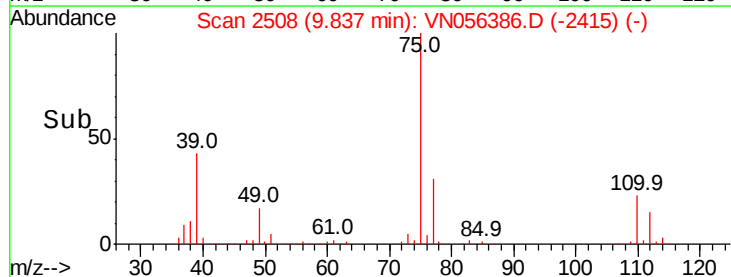
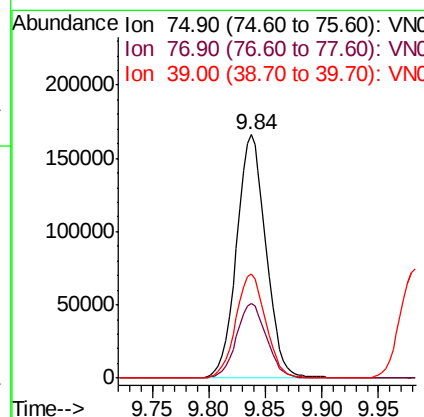
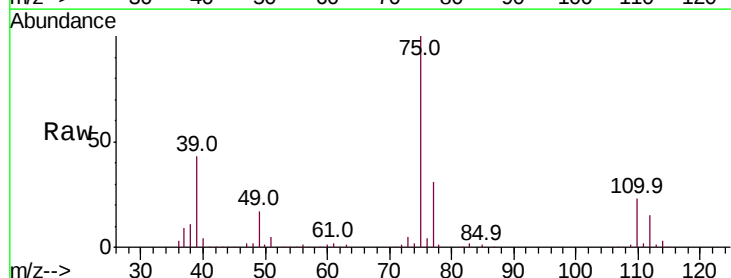
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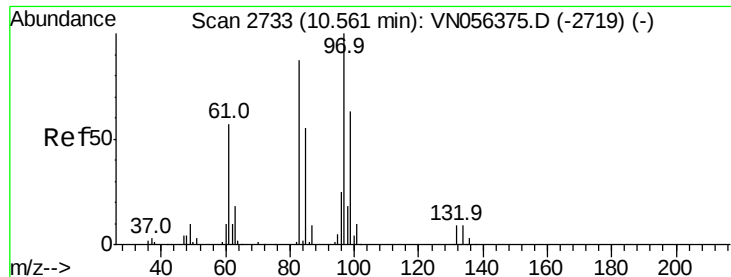
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#54
cis-1,3-Dichloropropene
Concen: 52.885 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 75 Resp: 300392
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 43.0 34.2 51.4





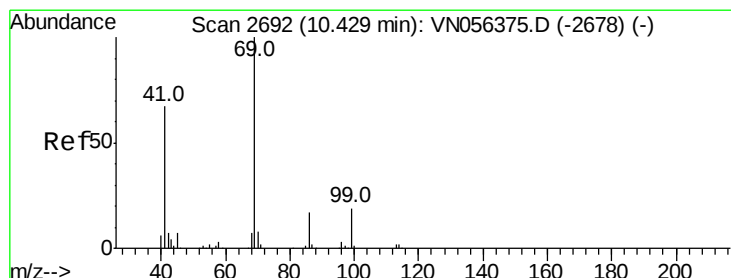
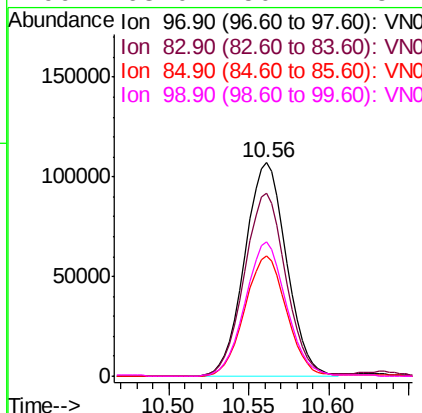
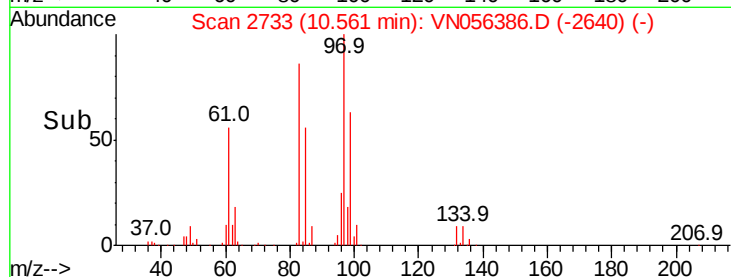
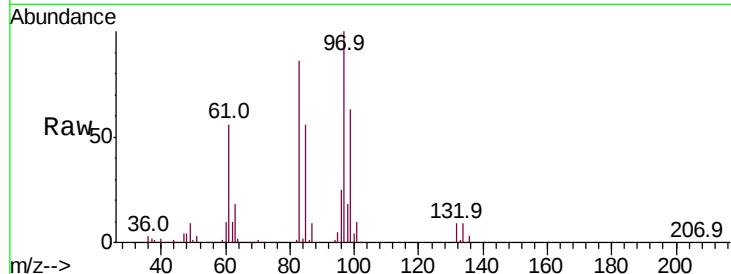
#55
 1,1,2-Trichloroethane
 Concen: 49.046 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	191580
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.8	104.6
85	56.2	43.8	65.8
99	63.0	50.2	75.2

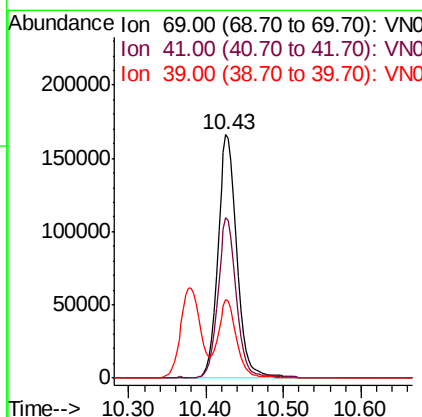
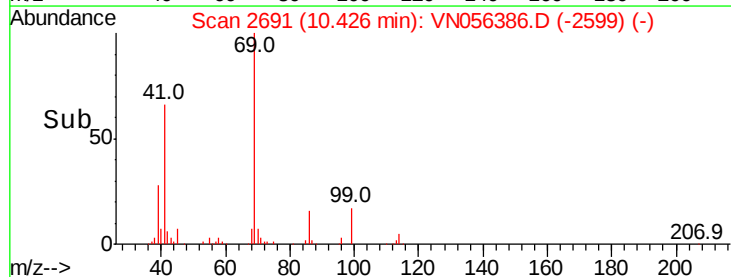
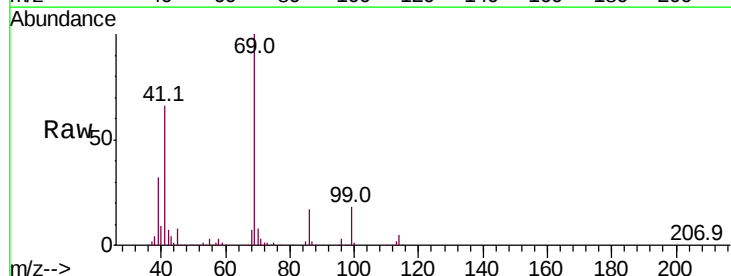
Manual Integrations
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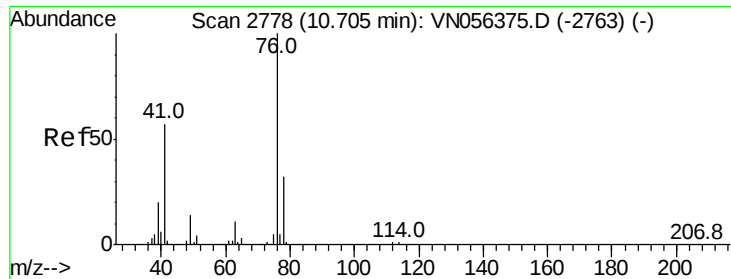
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#56
 Ethyl methacrylate
 Concen: 50.340 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	69	Resp	287366
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.4	77.2
39	31.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 48.822 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 320371

Ion Ratio Lower Upper

76 100

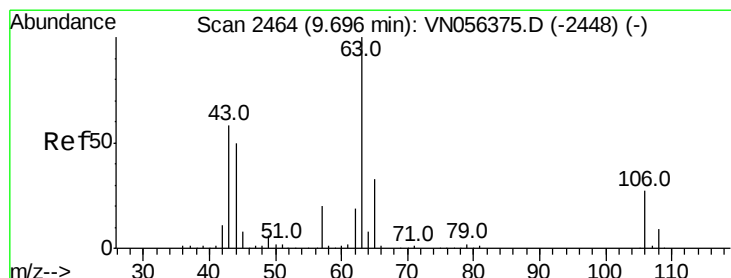
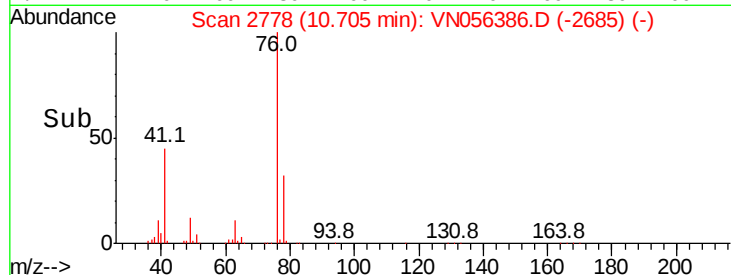
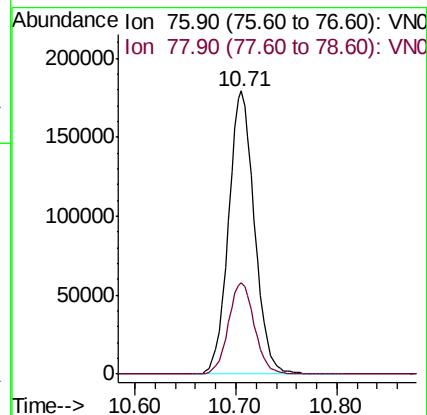
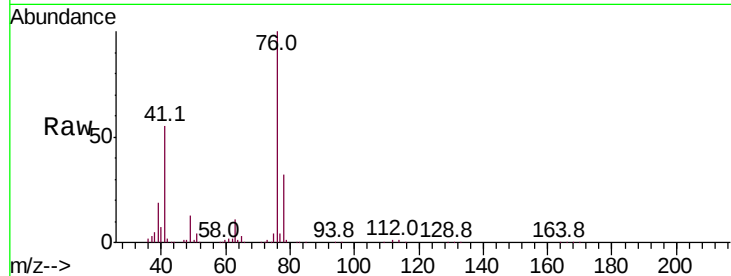
78 32.6 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 239.075 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056386.D

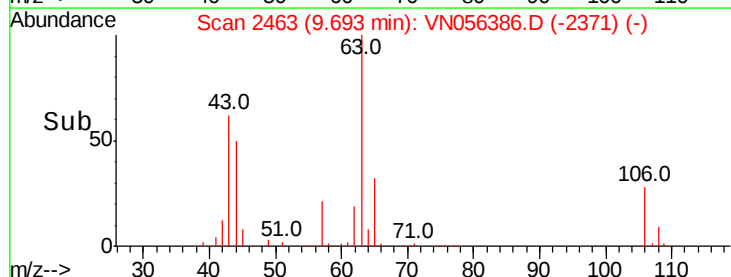
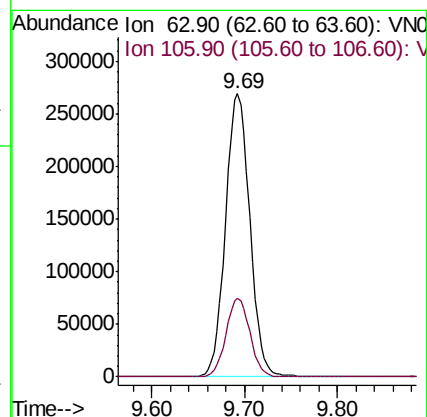
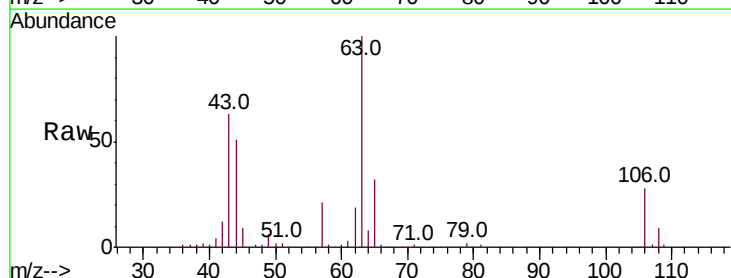
Acq: 19 Jun 2019 15:21

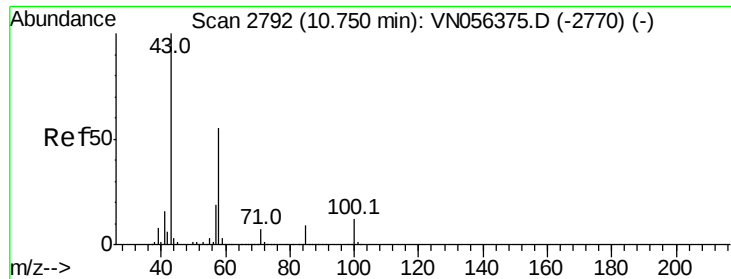
Tgt Ion: 63 Resp: 490295

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





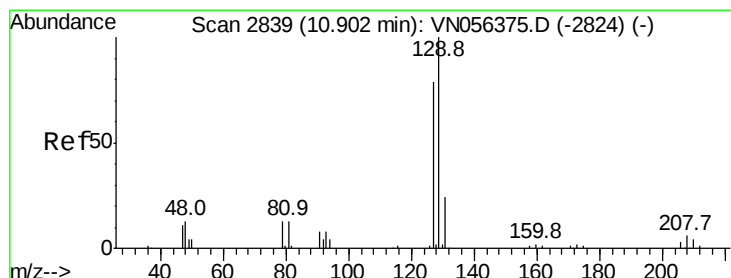
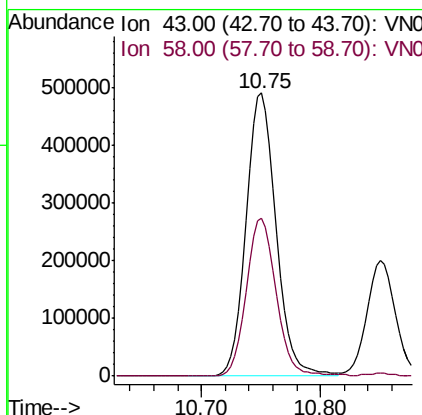
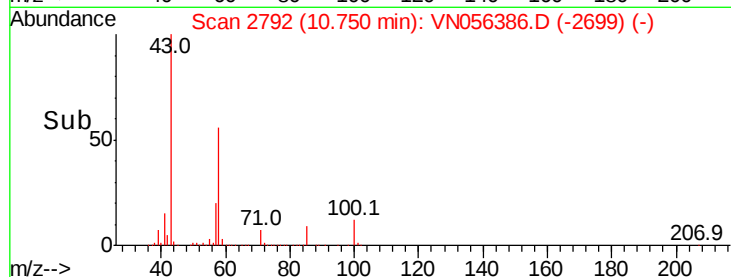
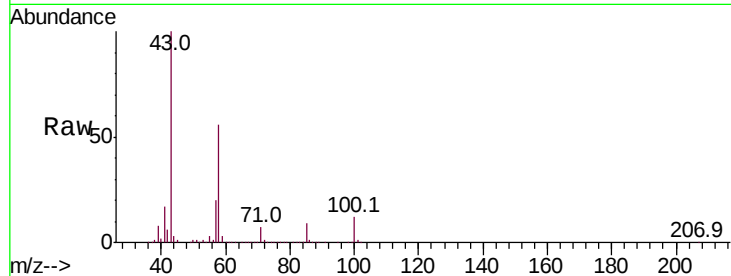
#59
2-Hexanone
Concen: 230.368 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	100	55.7	Resp	855717	Lower	Upper
Ion	43	58	Ratio	100	55.7	Resp	855717	Lower	Upper
								27.8	83.4

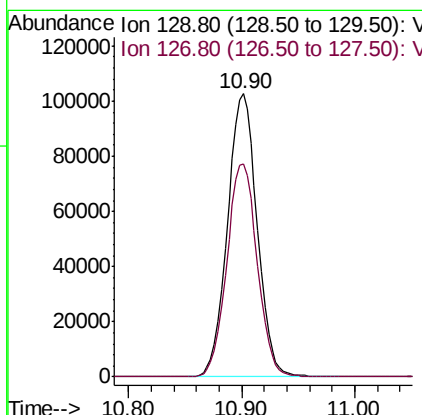
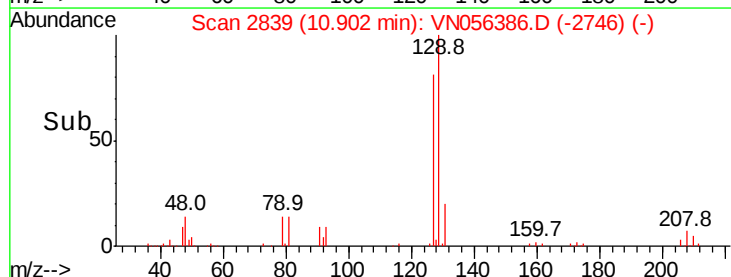
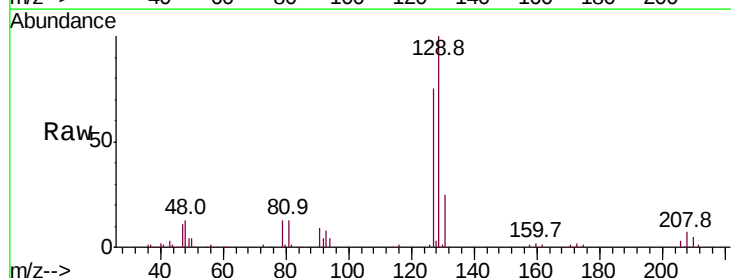
Manual Integrations
APPROVED

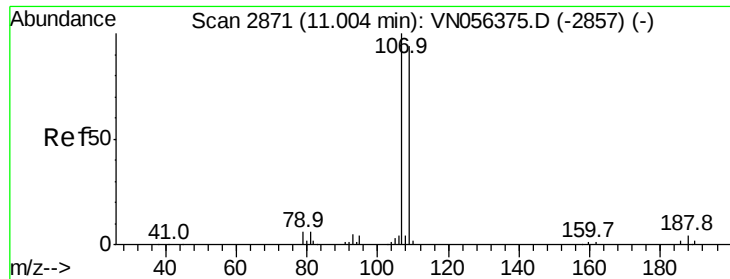
MMDadoda
6/21/2019 10:52:18 PM



#60
Dibromochloromethane
Concen: 46.842 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	129	127	Ratio	100	77.0	Resp	187437	Lower	Upper
Ion	129	127	Ratio	100	77.0	Resp	187437	Lower	Upper
								38.9	116.7





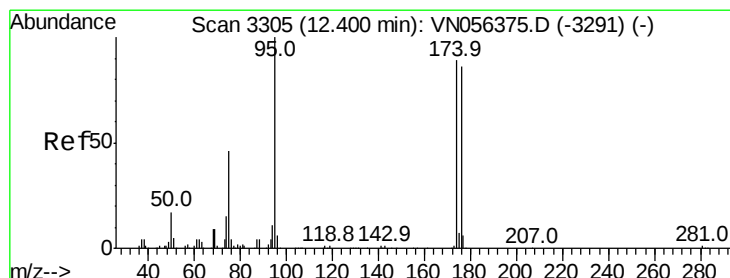
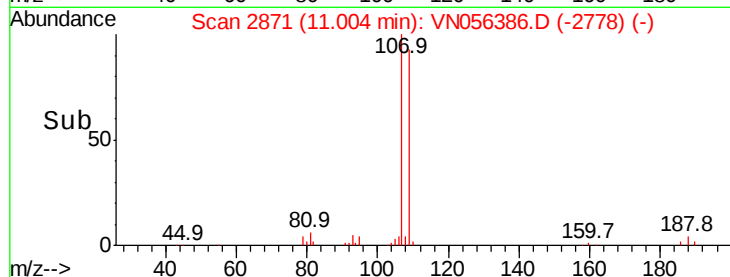
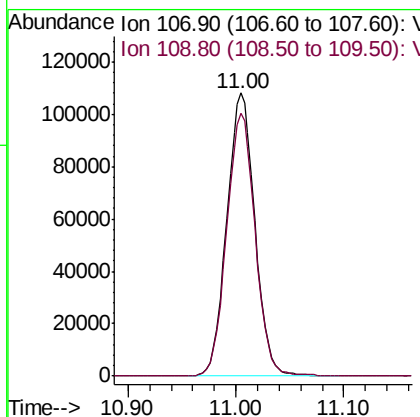
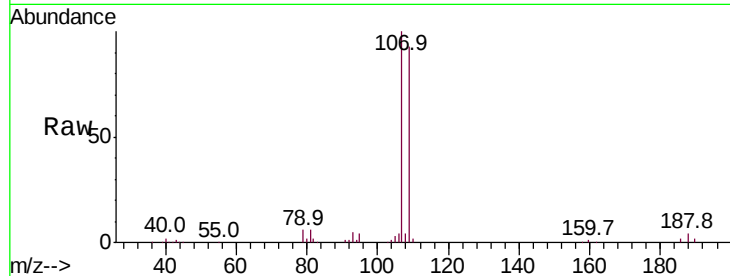
#61
1,2-Dibromoethane
Concen: 49.014 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.3	112.9

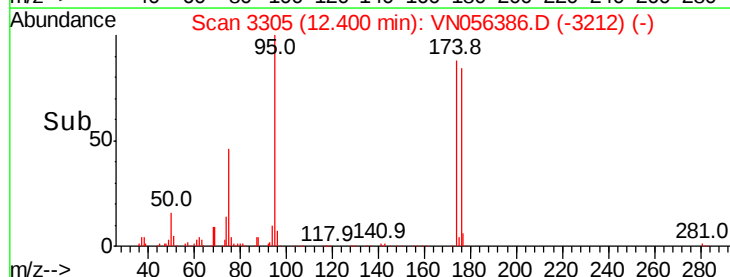
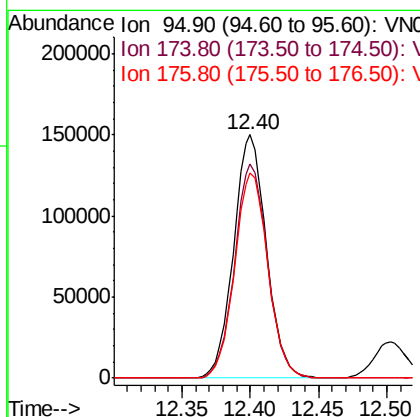
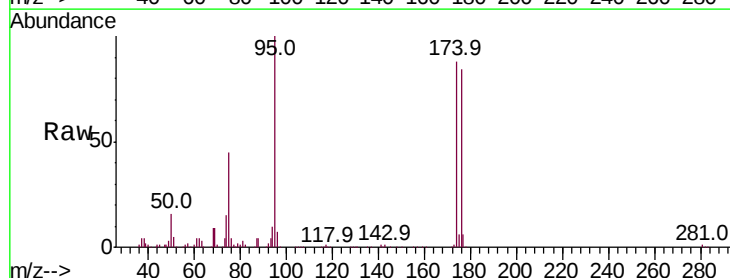
Manual Integrations
APPROVED

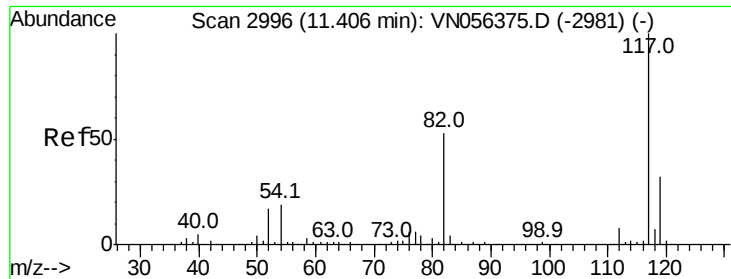
MMDadoda
6/21/2019 10:52:18 PM



#62
4-Bromofluorobenzene
Concen: 52.594 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	179.4
176	85.8	0.0	173.4





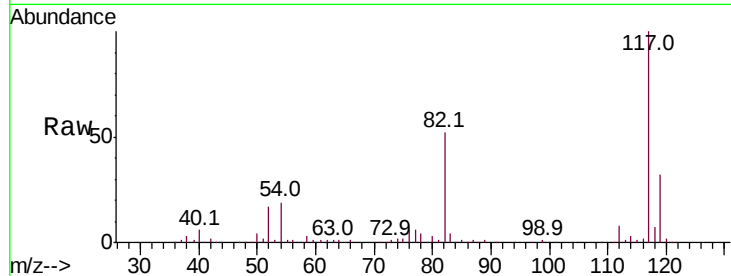
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.0	63.0
119	31.7	25.3	37.9

Manual Integrations
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MMDadoda
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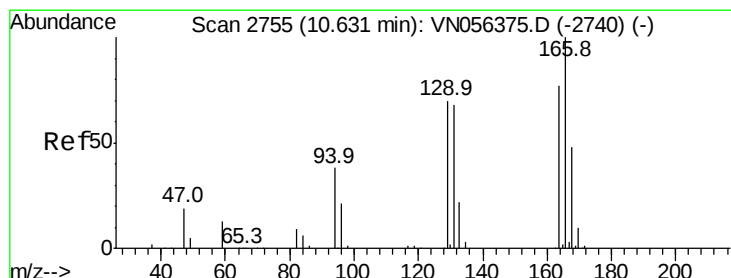
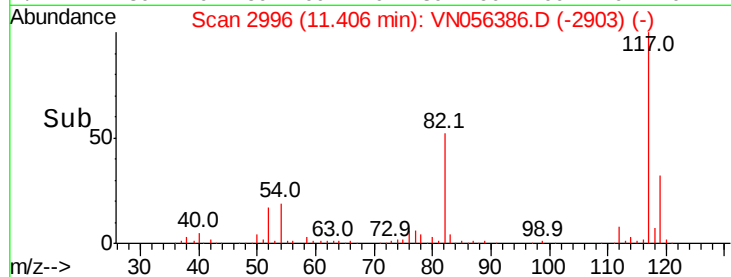
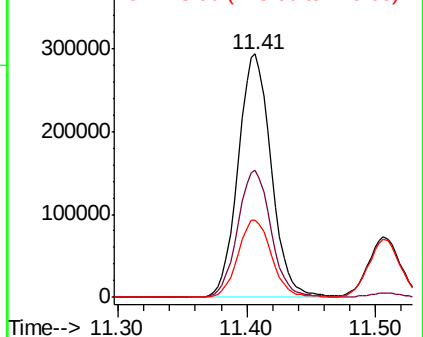


Abundance

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: 47.643 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.4	155.0
129	91.8	72.0	108.0
131	88.7	70.2	105.2

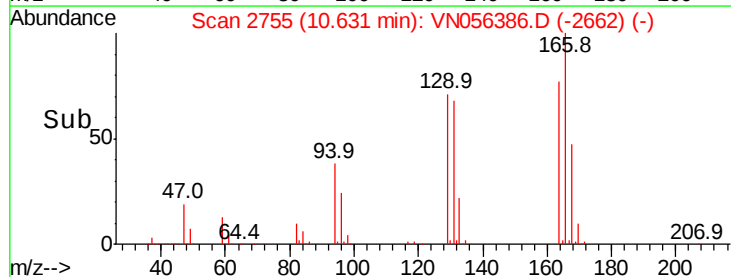
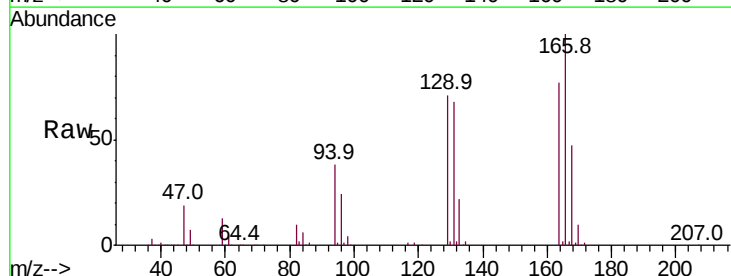
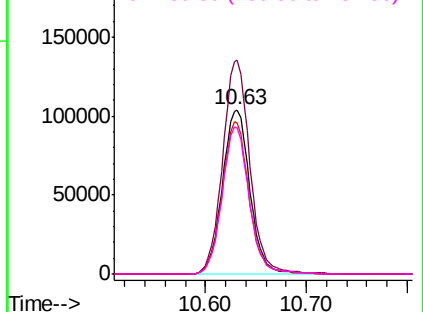
Abundance

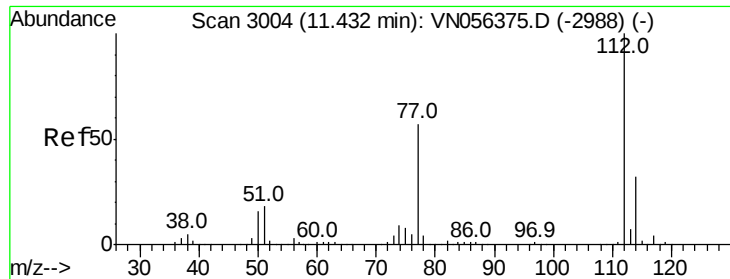
Ion 163.80 (163.50 to 164.50): V

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





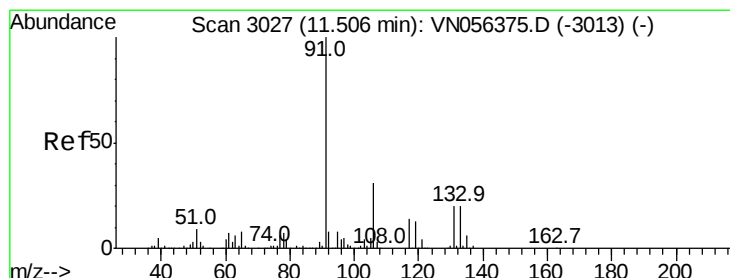
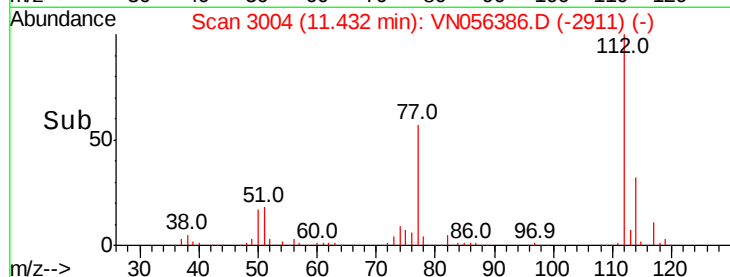
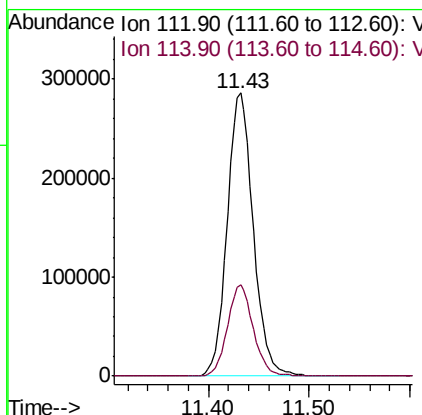
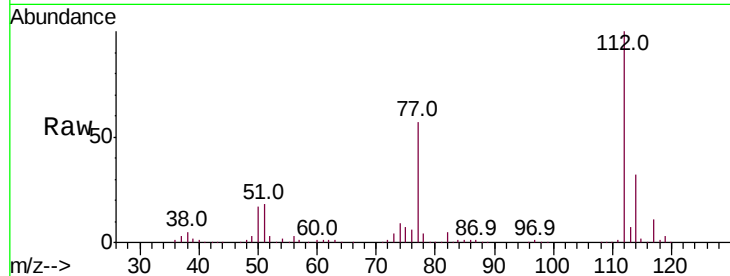
#65
Chlorobenzene
Concen: 48.865 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 515266
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

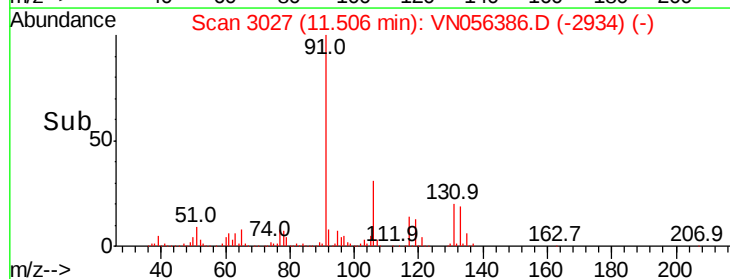
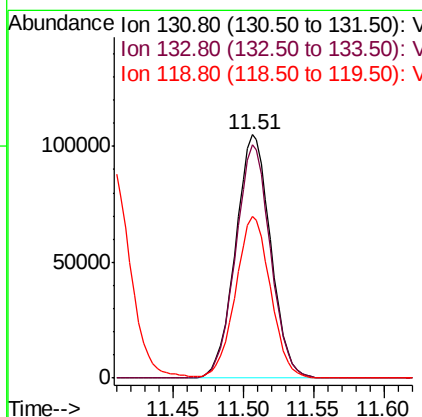
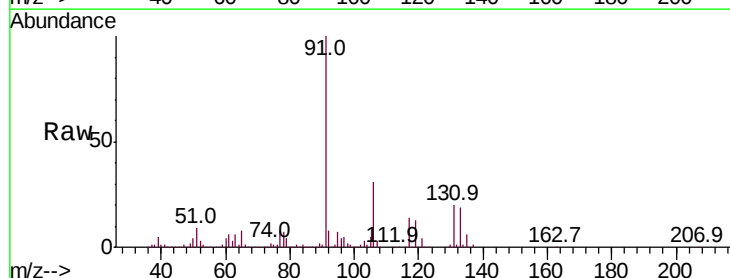
Manual Integrations
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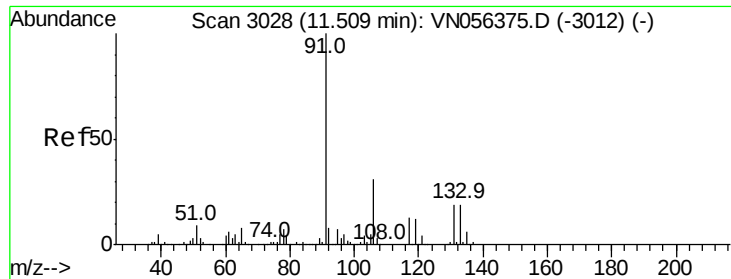
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.376 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:131 Resp: 183096
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 66.3 32.8 98.4





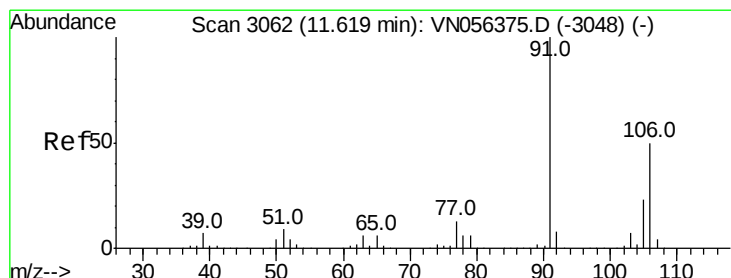
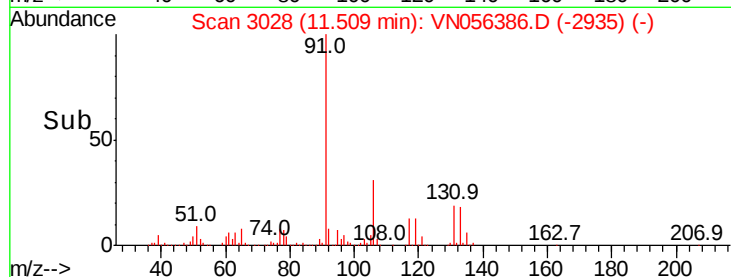
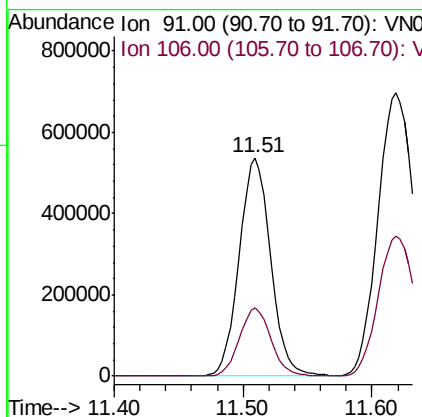
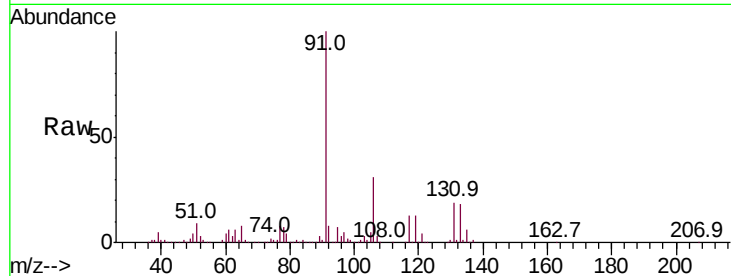
#67
Ethyl Benzene
Concen: 49.414 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 914894
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

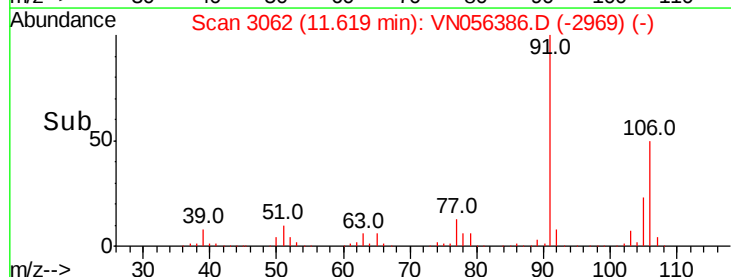
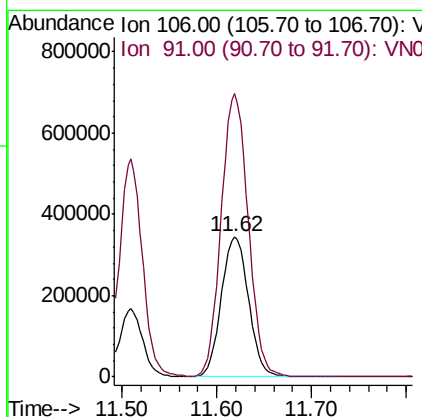
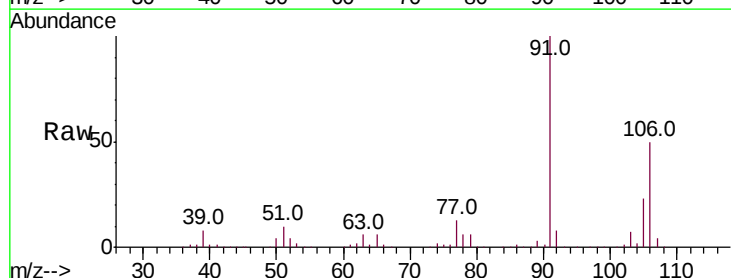
Manual Integrations
APPROVED

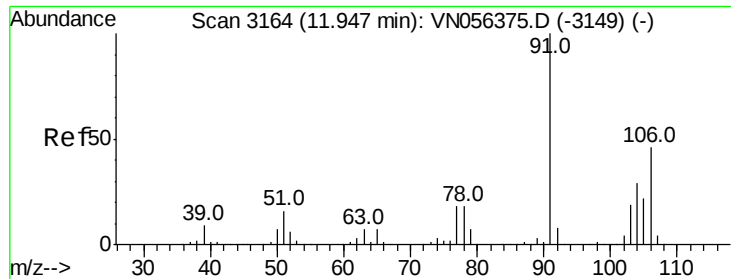
MMDadoda
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#68
m/p-Xylenes
Concen: 101.842 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 106 Resp: 691026
Ion Ratio Lower Upper
106 100
91 200.3 160.1 240.1





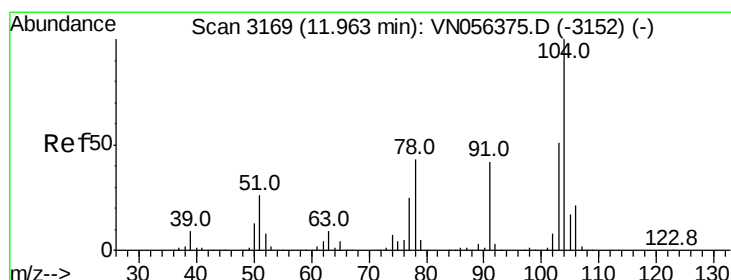
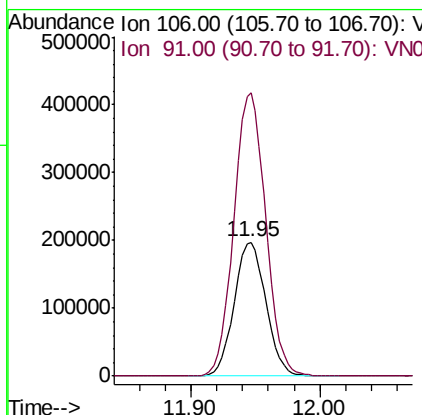
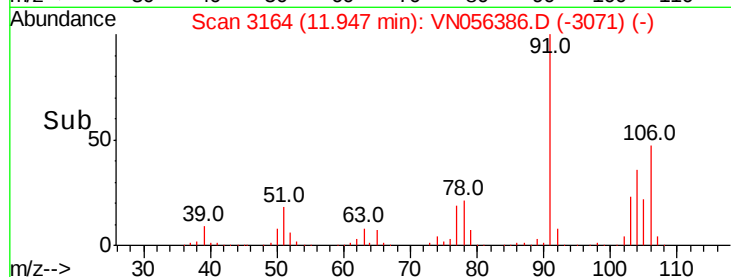
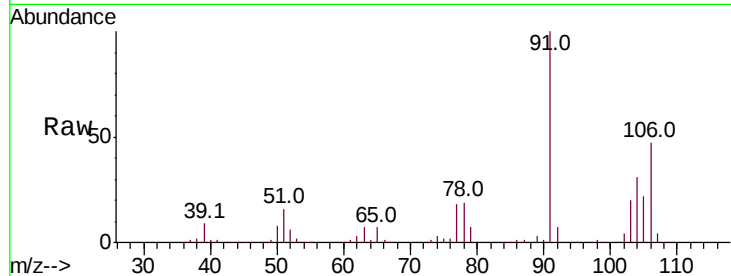
#69
o-Xylene
Concen: 50.257 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 337372
Ion Ratio Lower Upper
106 100
91 212.3 107.1 321.3

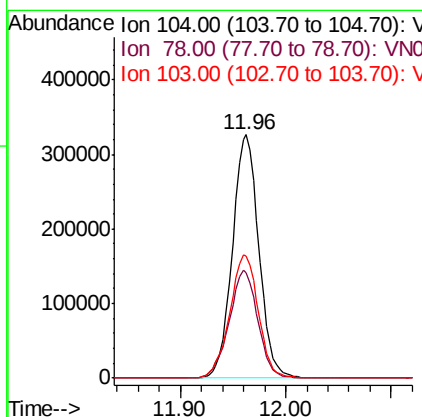
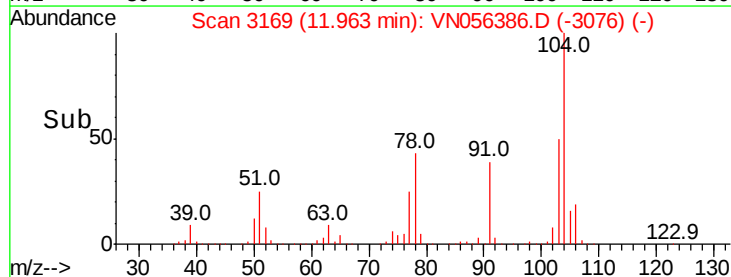
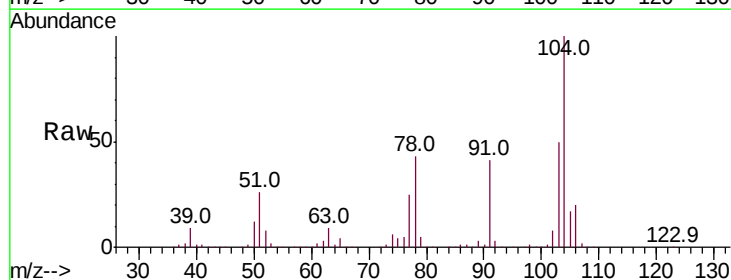
Manual Integrations
APPROVED

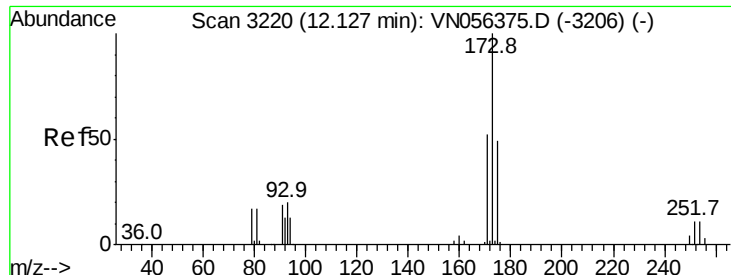
MMDadoda
6/21/2019 10:52:18 PM



#70
Styrene
Concen: 52.593 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:104 Resp: 564329
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 55.0 43.9 65.9





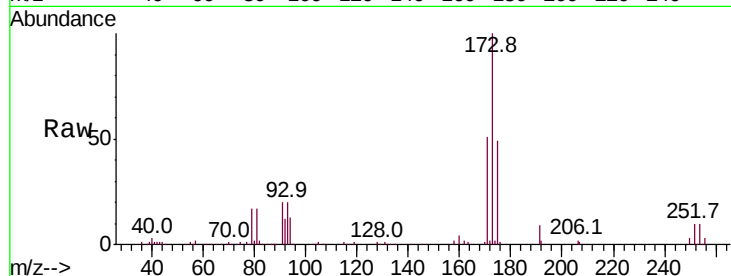
#71
Bromoform
Concen: 45.692 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.0	0.0	0.0#

Manual Integrations
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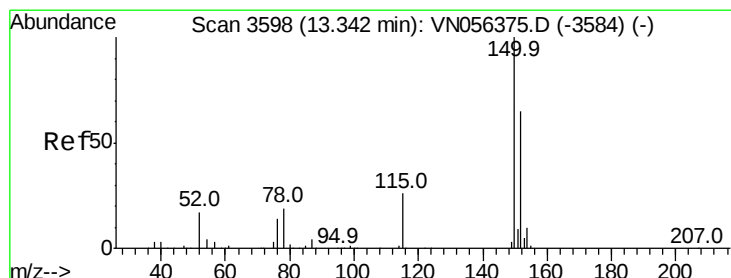
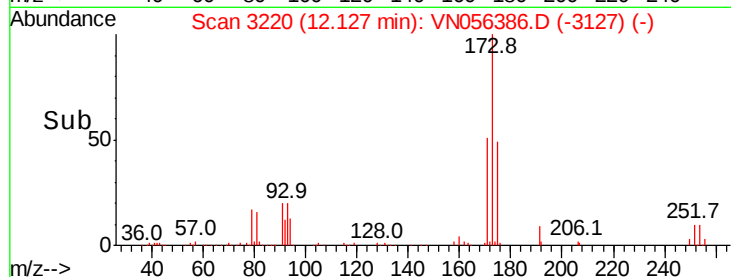
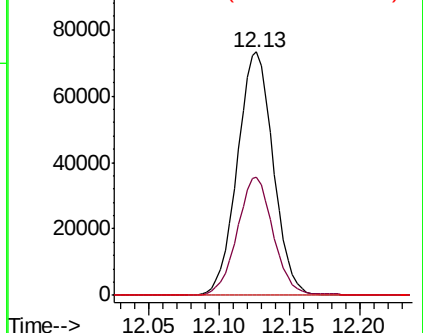


Abundance

Ion 172.70 (172.40 to 173.40): V

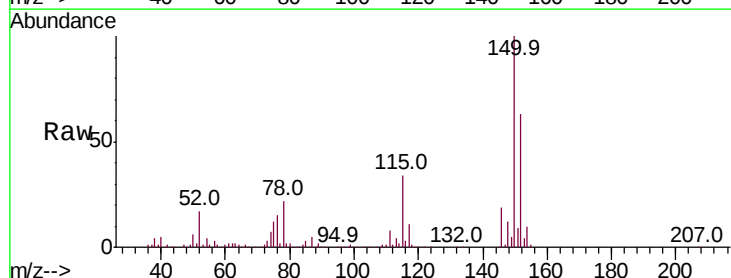
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.1	84.4
150	171.3	0.0	348.4

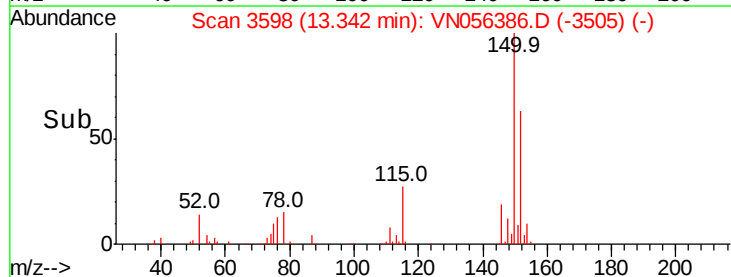
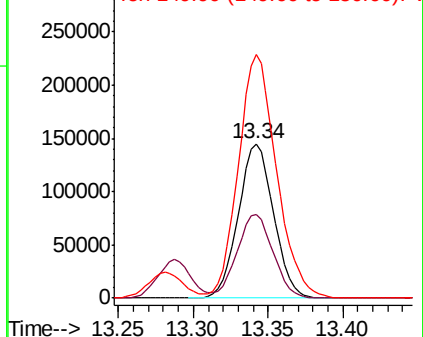


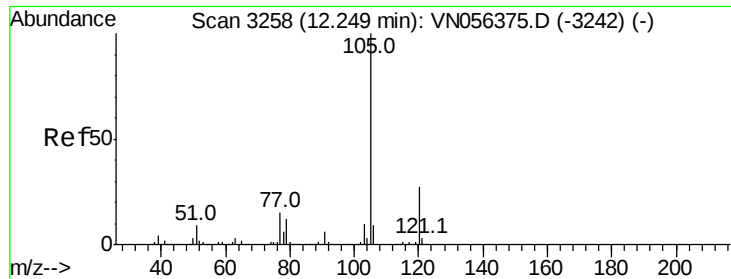
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.987 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 889900

Ion Ratio Lower Upper

105 100

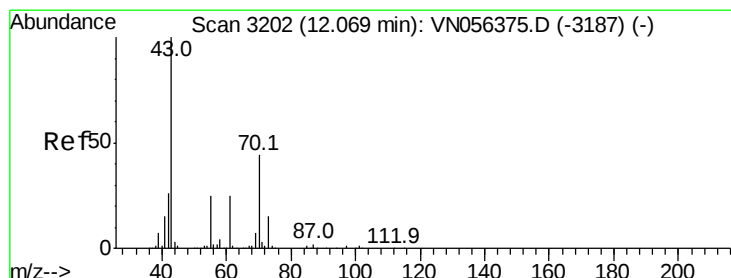
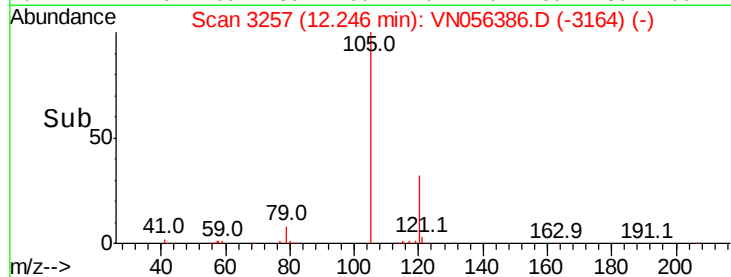
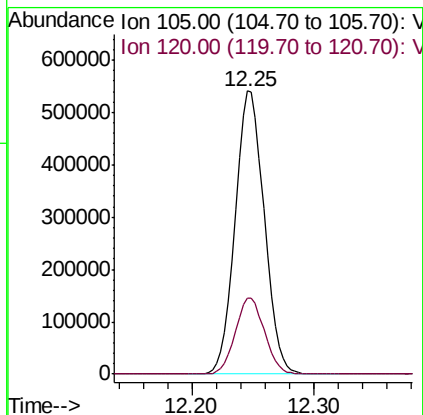
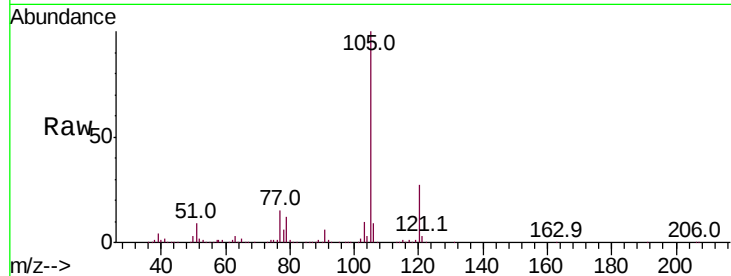
120 27.0 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 42.613 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion: 43 Resp: 321444

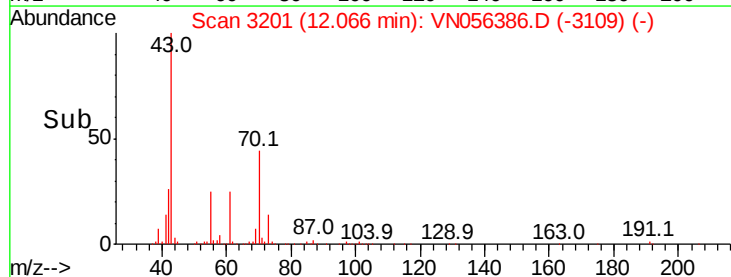
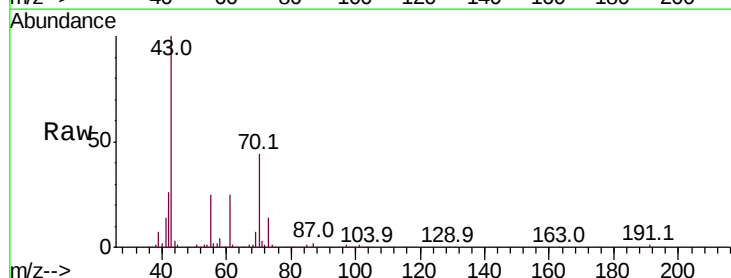
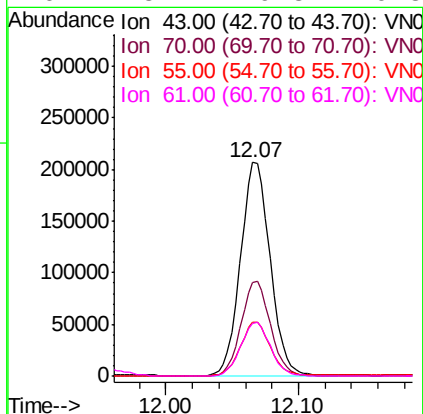
Ion Ratio Lower Upper

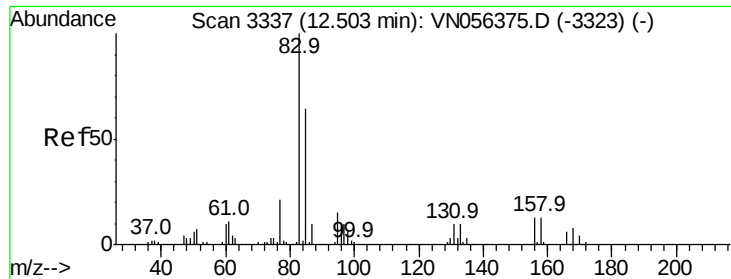
43 100

70 44.1 34.9 52.3

55 26.1 20.4 30.6

61 25.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.812 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

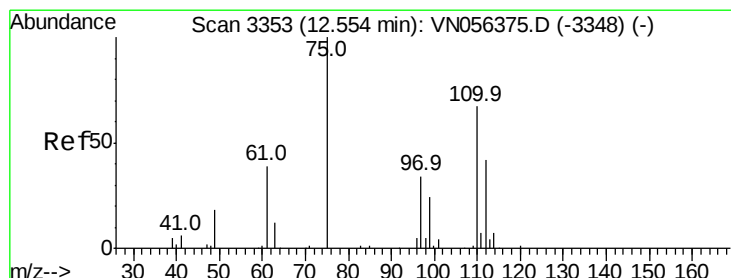
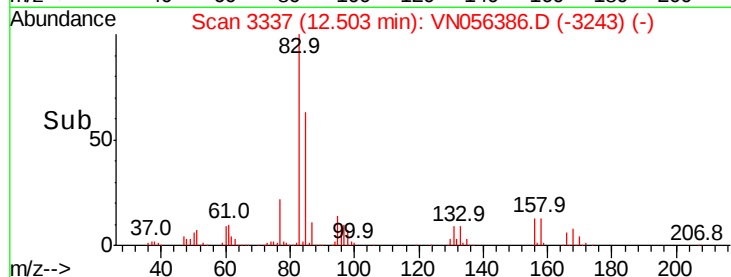
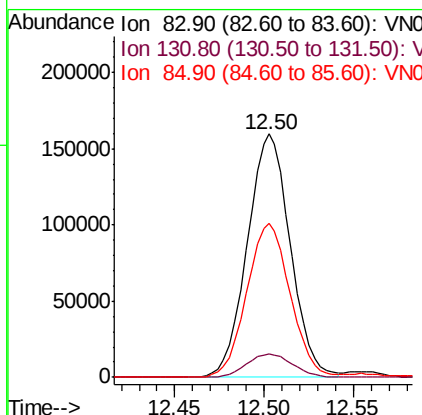
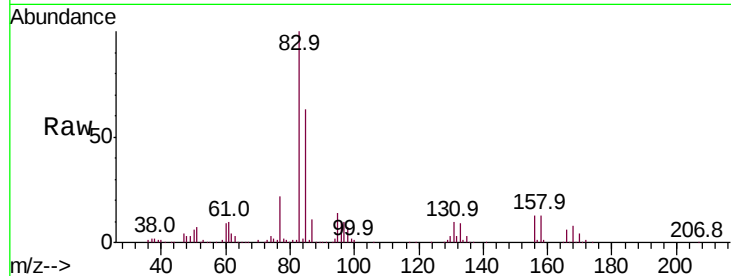
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	269420
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	63.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 46.393 ug/l m

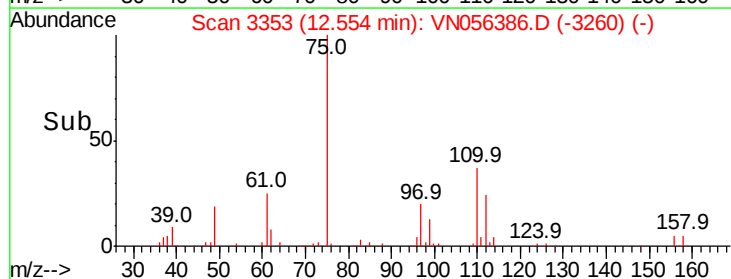
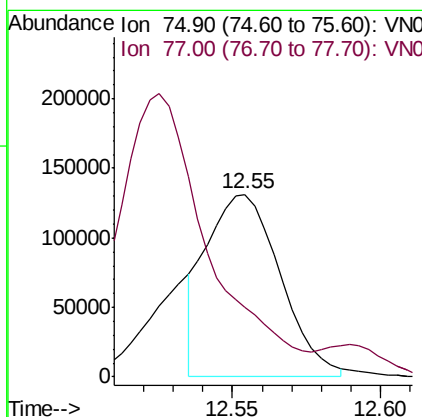
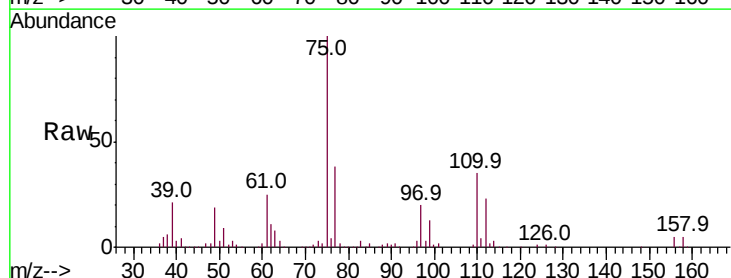
RT: 12.55 min Scan# 3353

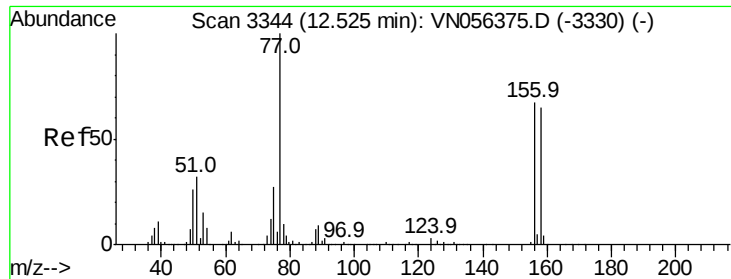
Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion:	75	Resp:	228003
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 43.662 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

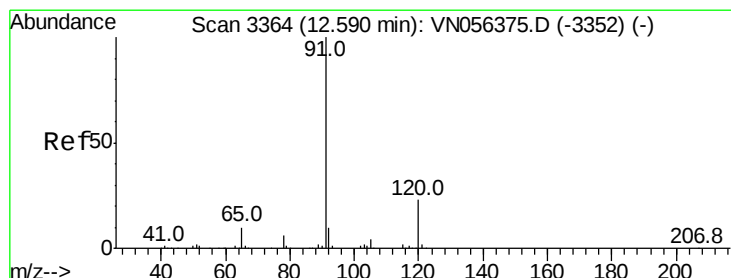
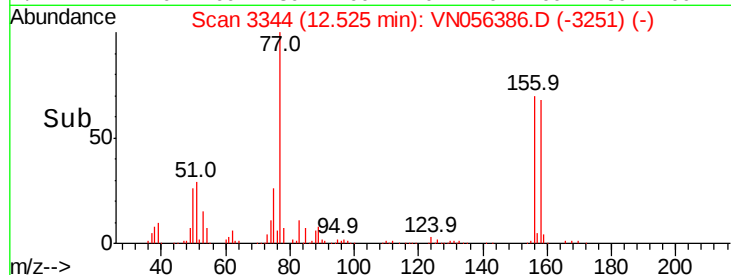
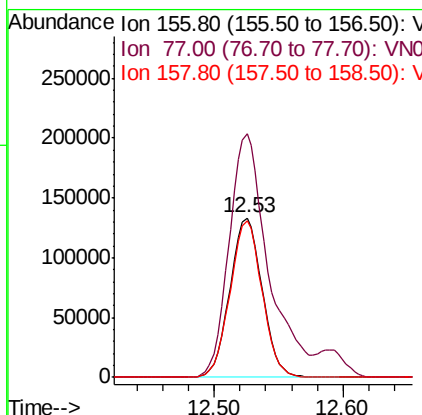
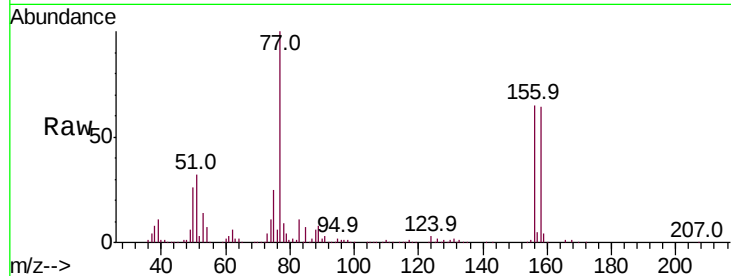
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.5	92.5	277.3
158	97.4	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 46.118 ug/l

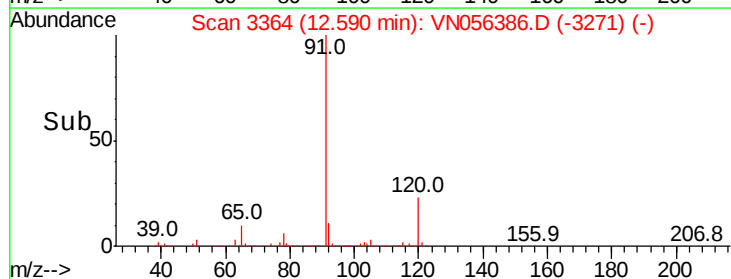
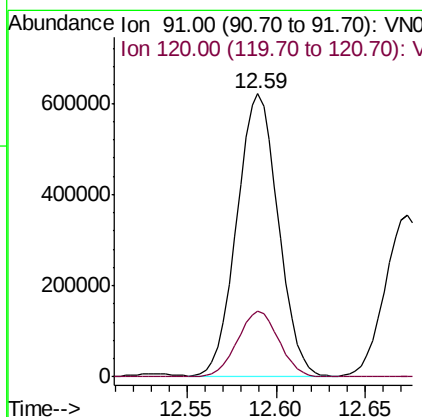
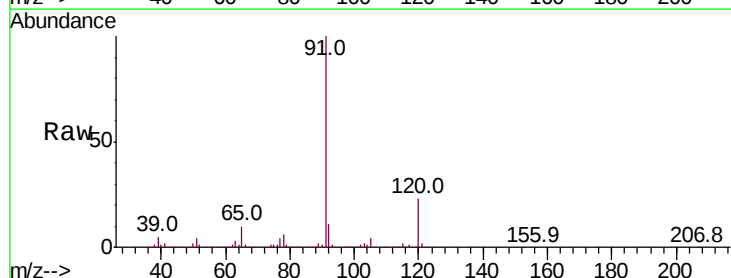
RT: 12.59 min Scan# 3364

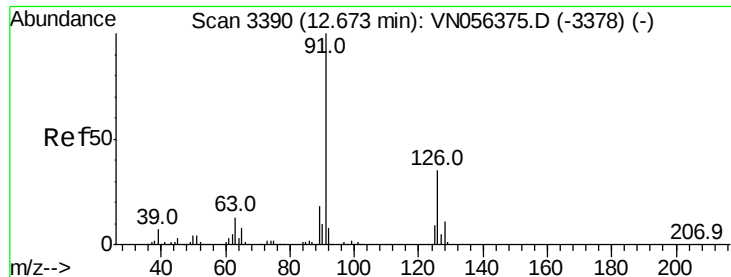
Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 49.983 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 594897

Ion Ratio Lower Upper

91 100

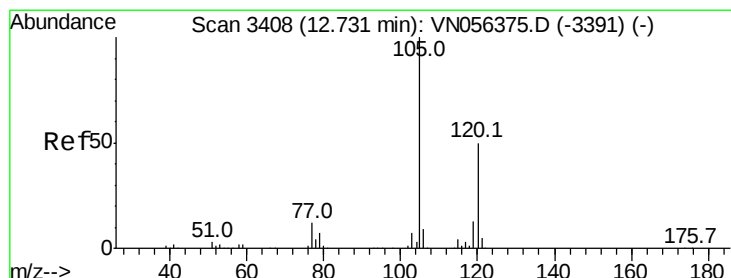
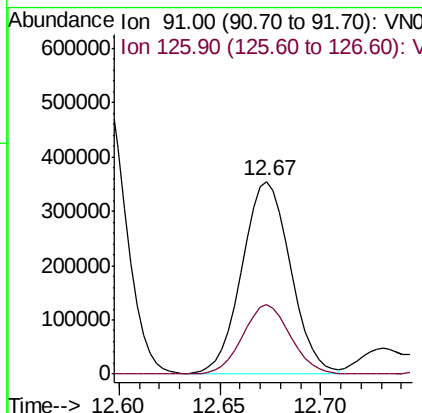
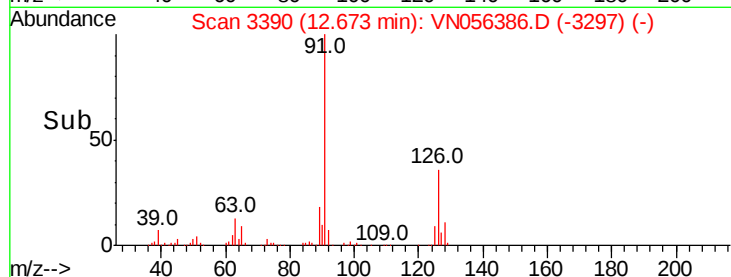
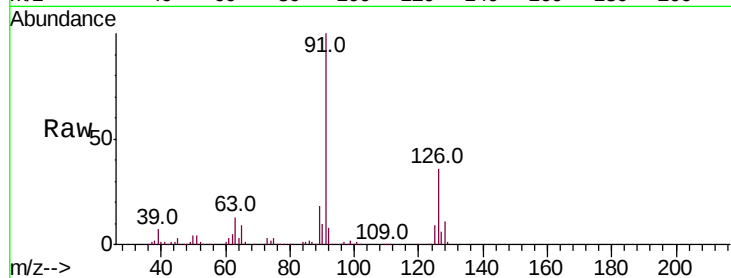
126 35.8 17.6 52.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.098 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056386.D

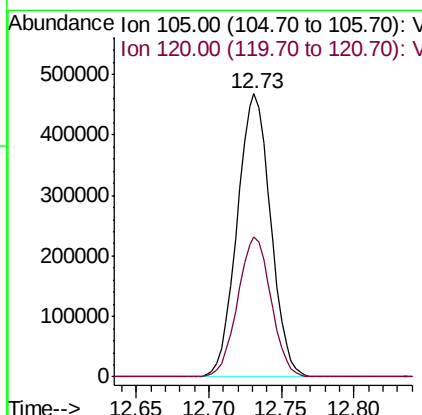
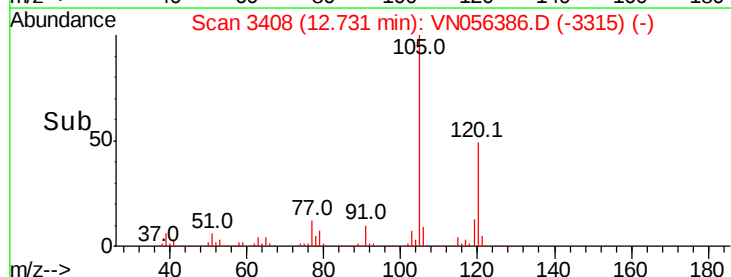
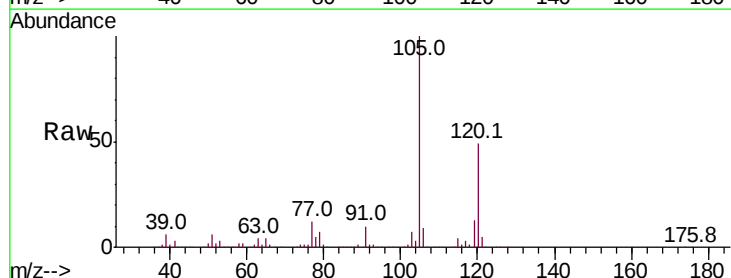
Acq: 19 Jun 2019 15:21

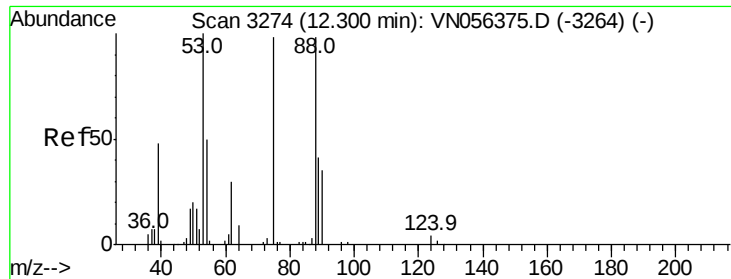
Tgt Ion: 105 Resp: 747230

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





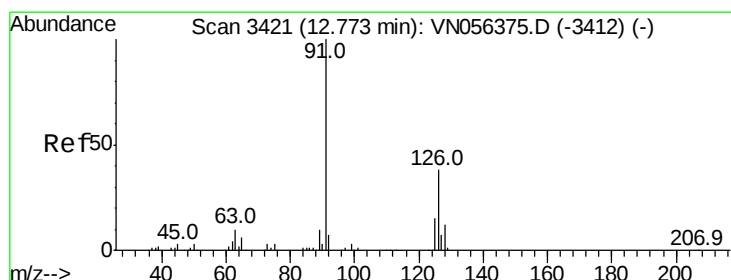
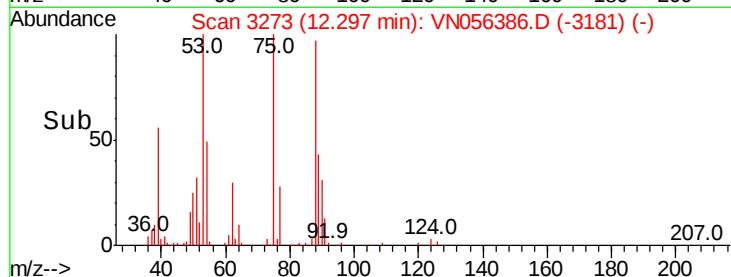
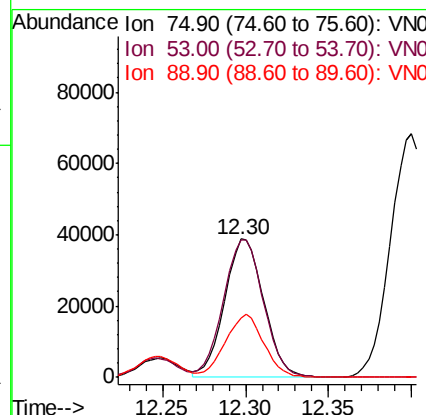
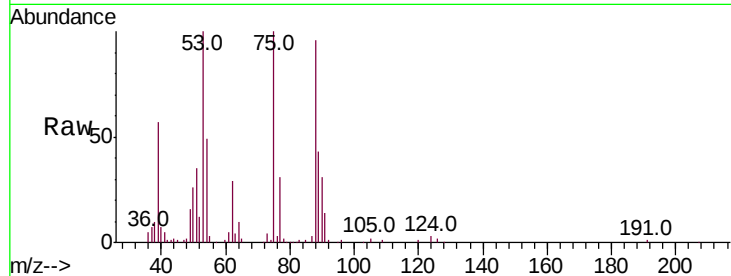
#81
trans-1,4-Dichloro-2-butene
Concen: 46.372 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	83.9	125.9
89	44.4	35.0	52.6

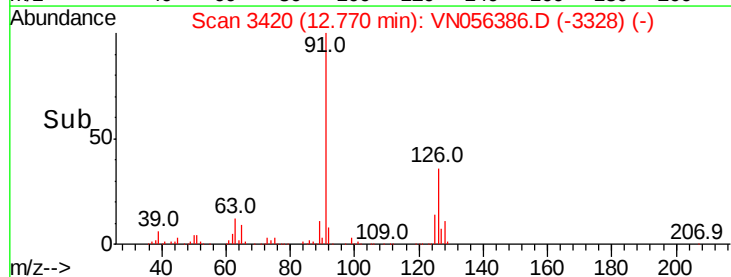
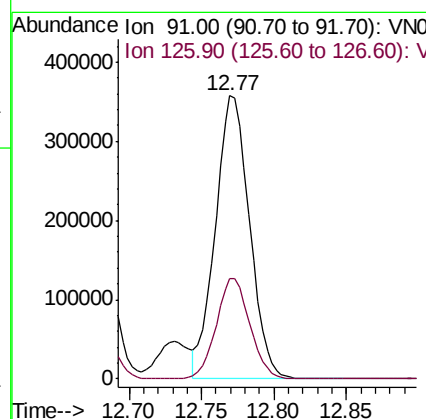
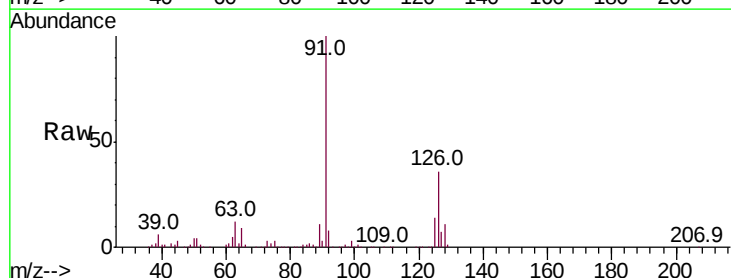
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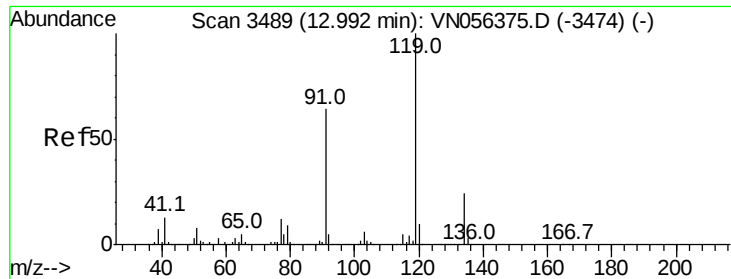
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#82
4-Chlorotoluene
Concen: 45.636 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	52.0





#83

tert-Butylbenzene

Concen: 49.523 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

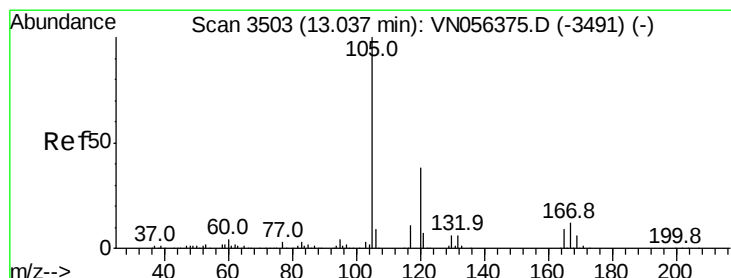
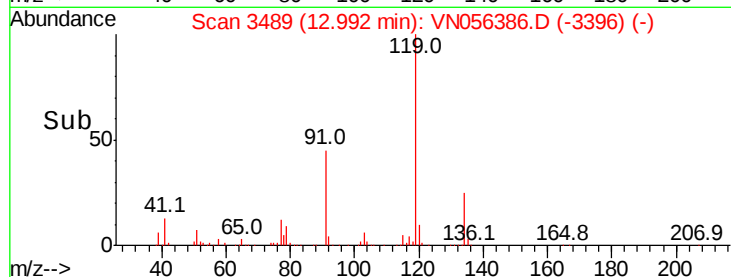
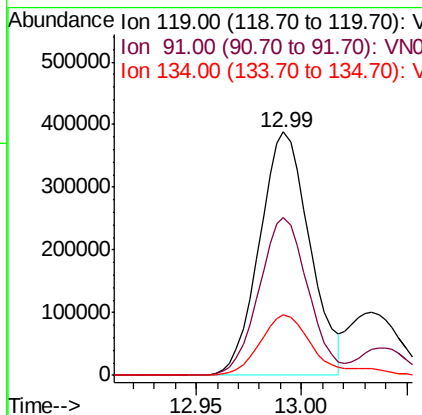
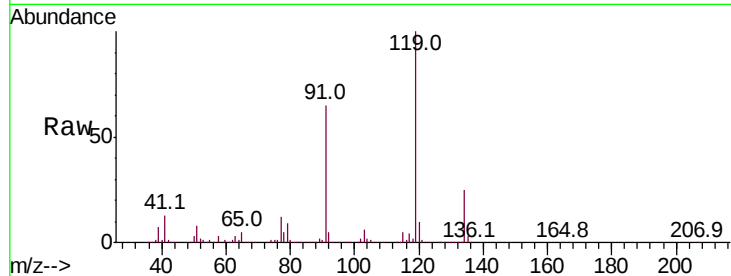
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	644034
Ion Ratio	Lower	Upper	
119	100		
91	63.3	31.6	94.7
134	25.0	13.2	39.5

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#84

1,2,4-Trimethylbenzene

Concen: 45.899 ug/l

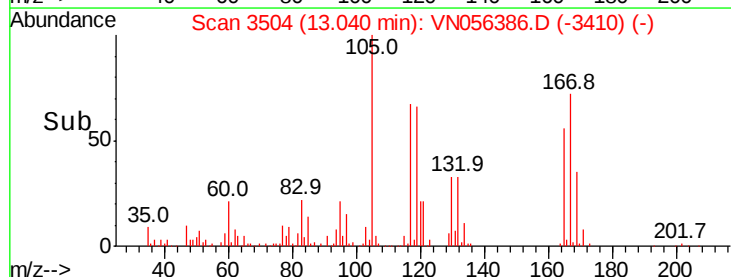
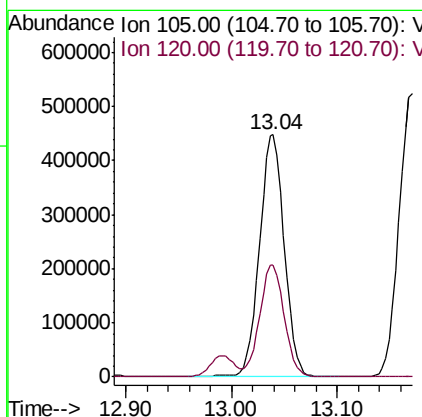
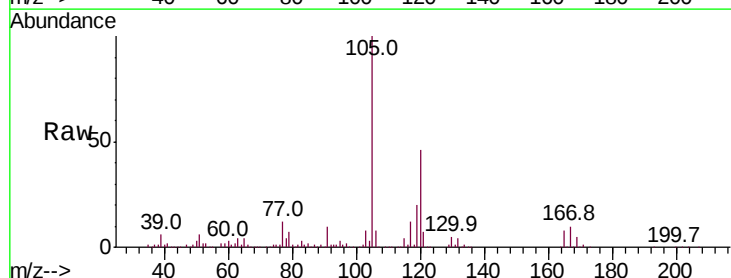
RT: 13.04 min Scan# 3504

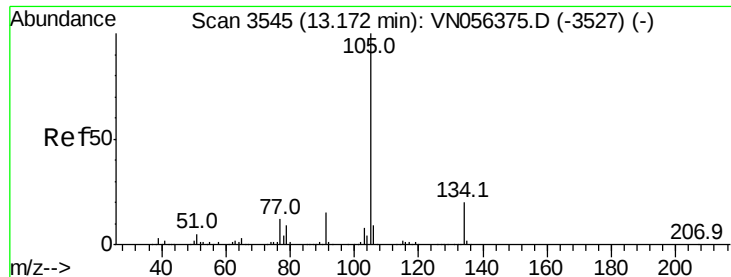
Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion:	105	Resp:	732370
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.9	68.8





#85

sec-Butylbenzene

Concen: 44.304 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 845223

Ion Ratio Lower Upper

105 100

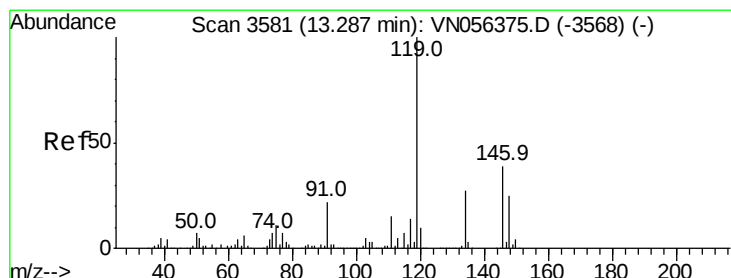
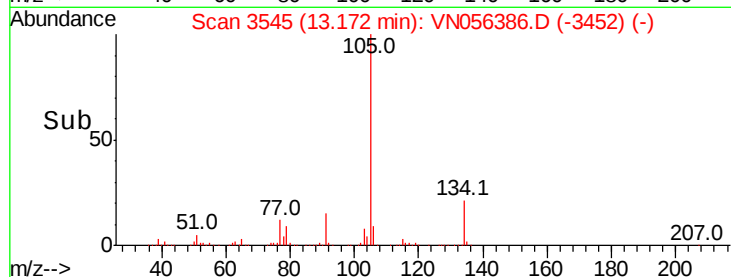
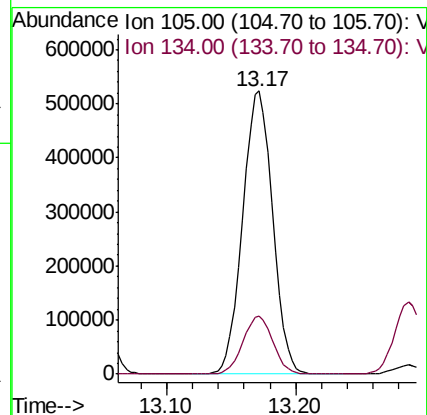
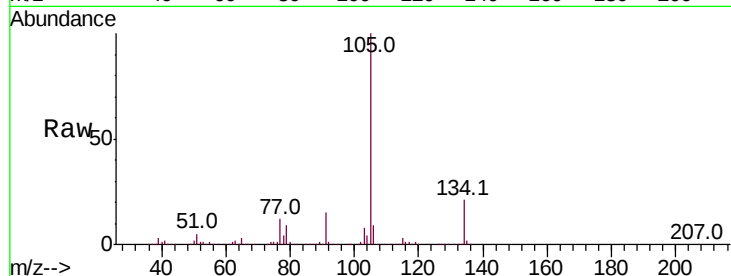
134 20.5 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 46.612 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

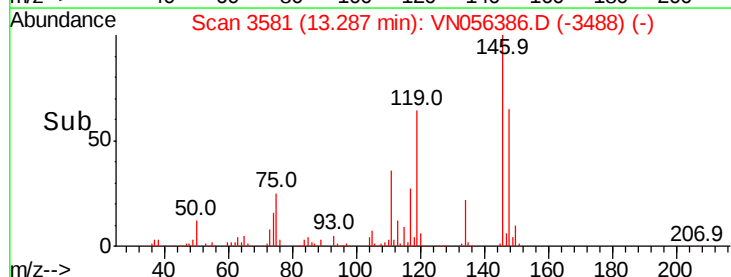
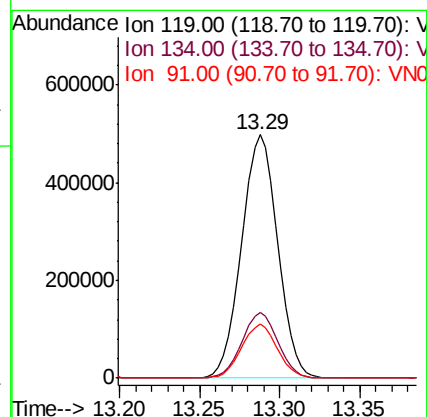
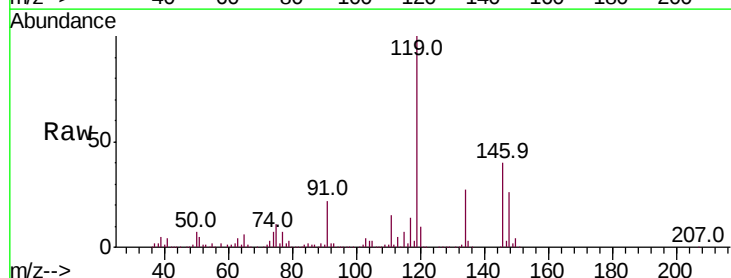
Tgt Ion:119 Resp: 763155

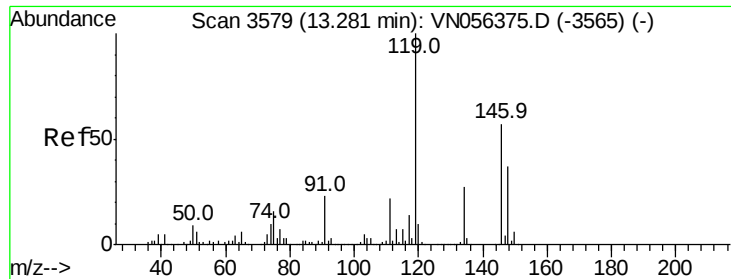
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 21.9 11.2 33.5





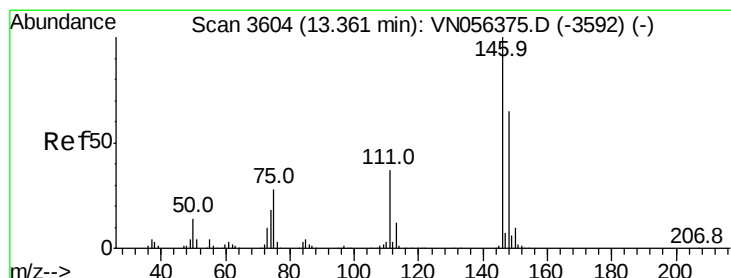
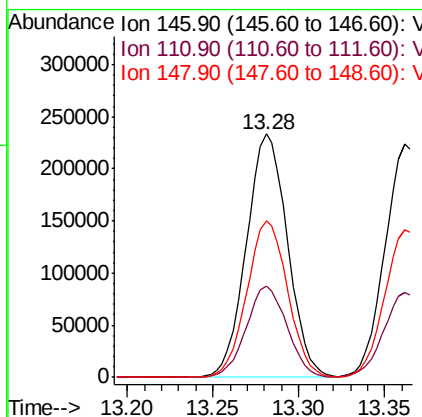
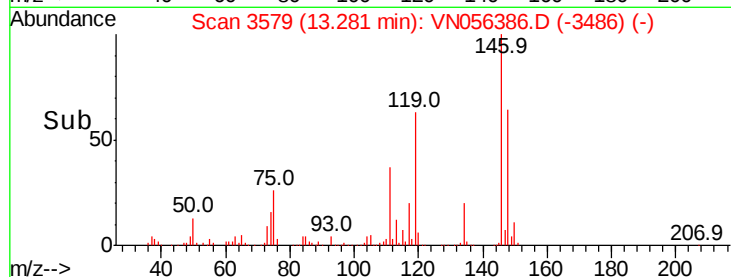
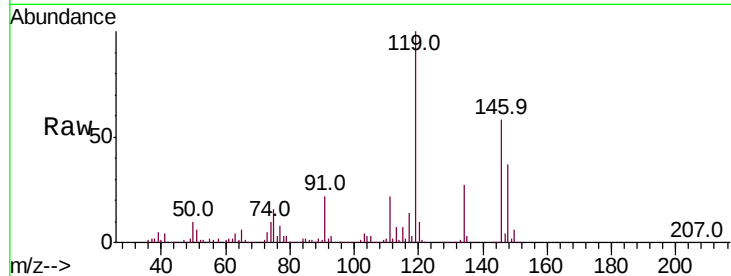
#87
 1,3-Dichlorobenzene
 Concen: 48.111 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	63.9	32.1	96.5

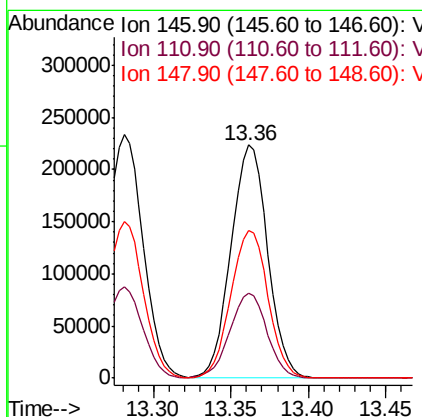
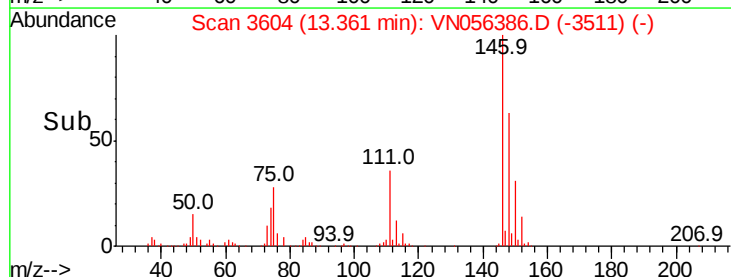
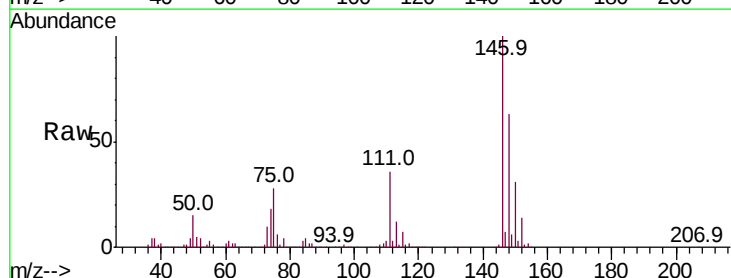
Manual Integrations
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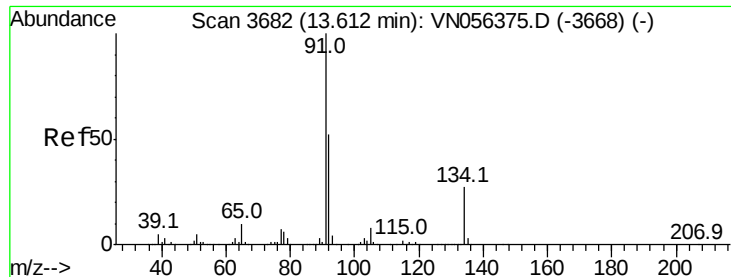
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#88
 1,4-Dichlorobenzene
 Concen: 47.305 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.2	32.4	97.0





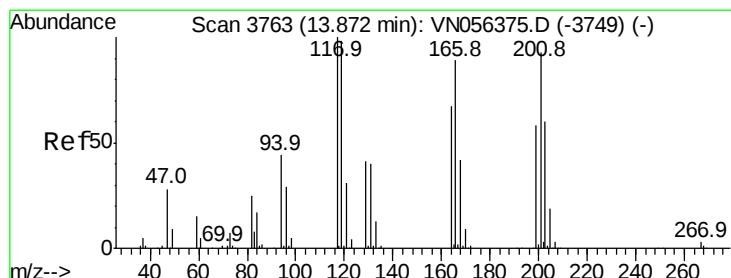
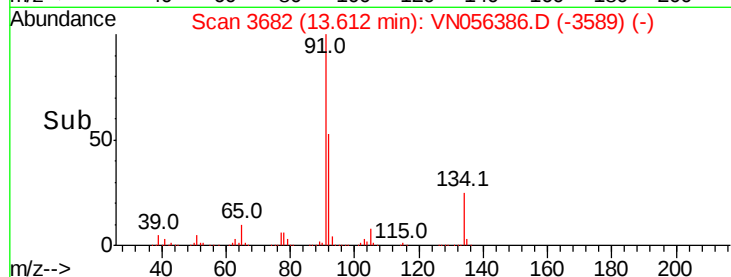
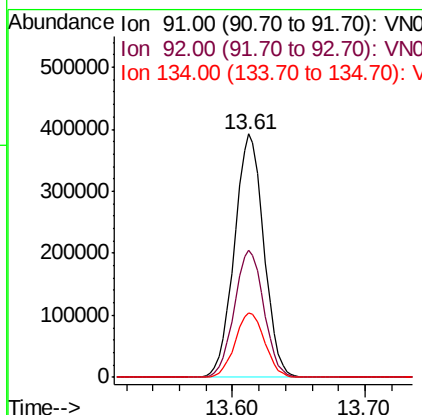
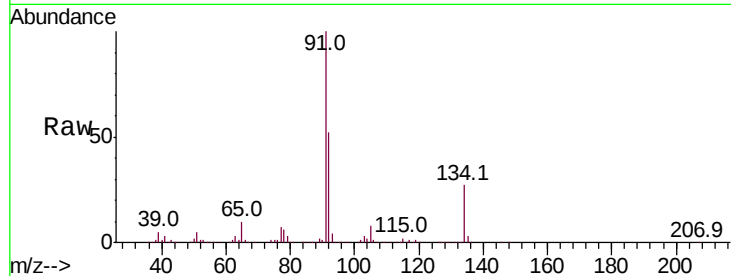
#89
n-Butylbenzene
Concen: 48.699 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	26.6	13.4	40.2

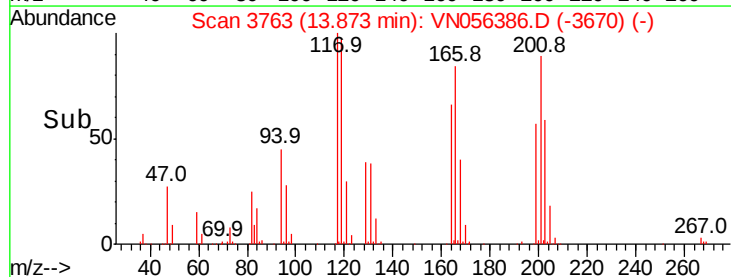
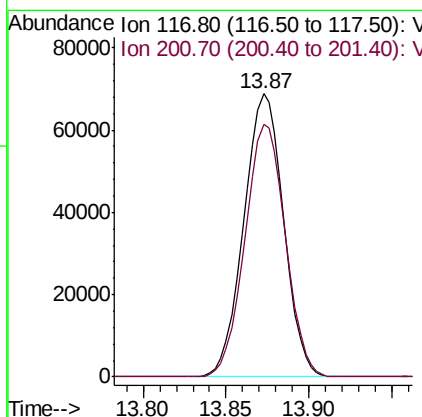
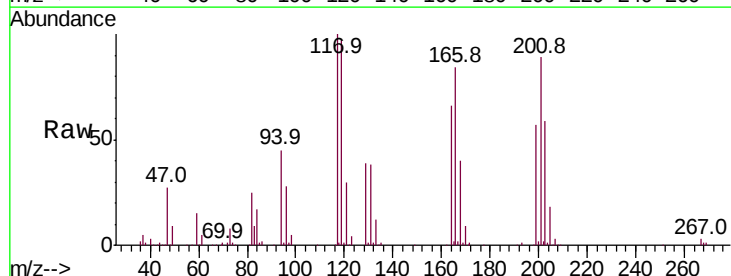
Manual Integrations
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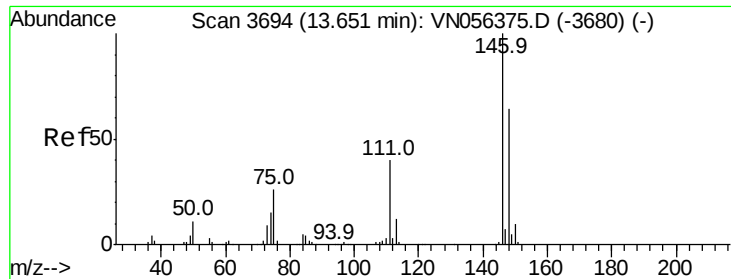
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#90
Hexachloroethane
Concen: 45.092 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.9	137.6





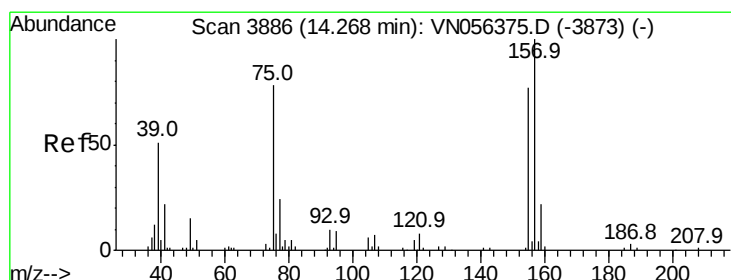
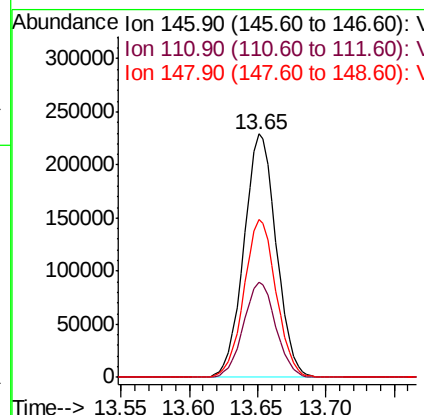
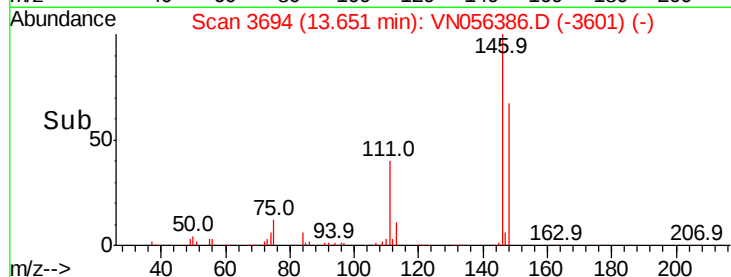
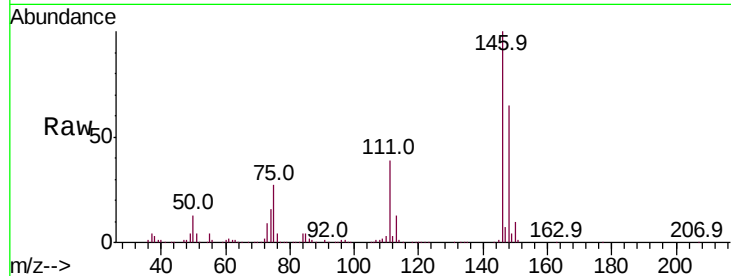
#91
 1,2-Dichlorobenzene
 Concen: 47.169 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.6	32.0	96.0

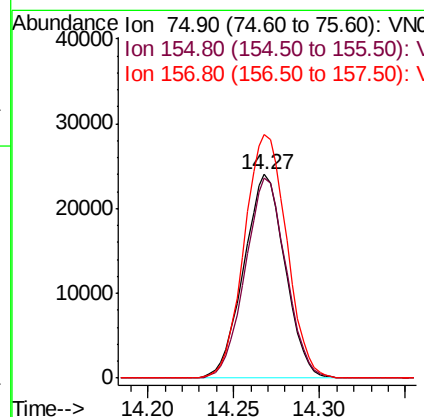
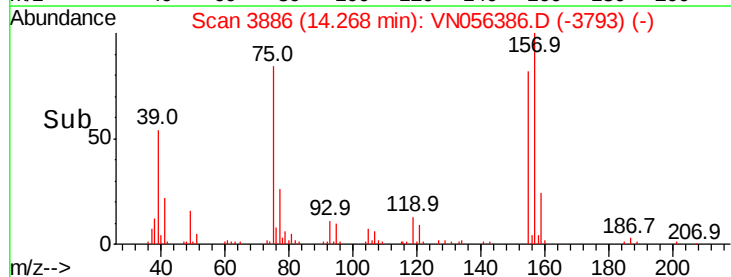
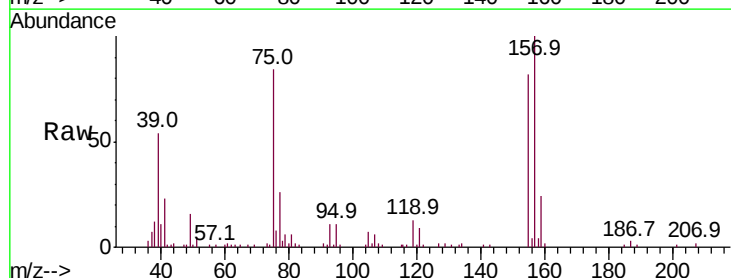
Manual Integrations
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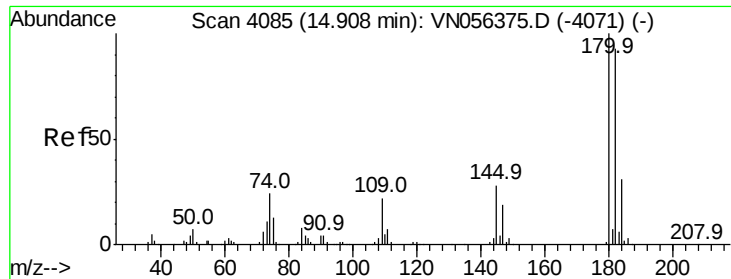
MMDadoda
 6/21/2019 10:52:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.572 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	48.9	146.8
157	122.5	62.9	188.8





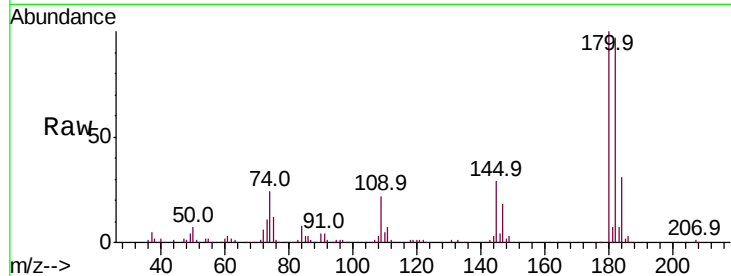
#93
1,2,4-Trichlorobenzene
Concen: 41.663 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

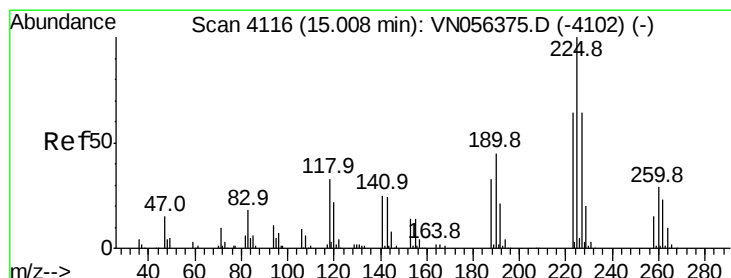
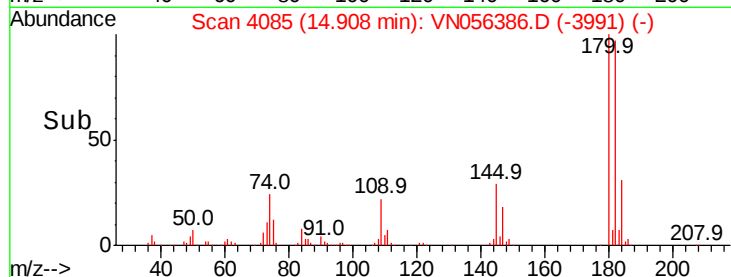
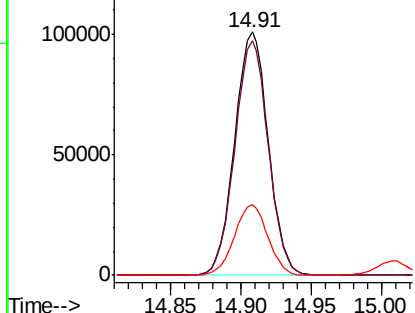
Tot Ion	Ratio	Resp	Lower	Upper
180	100	168512		
182	95.9	46.9	140.6	
145	29.0	14.4	43.0	

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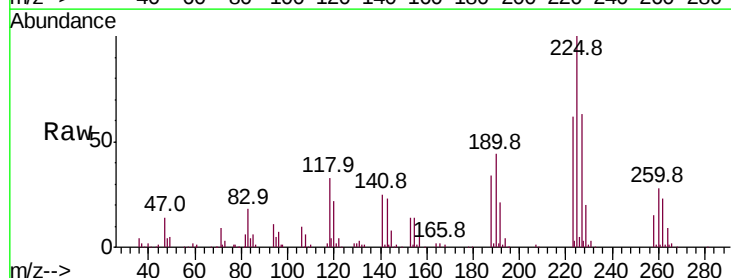


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

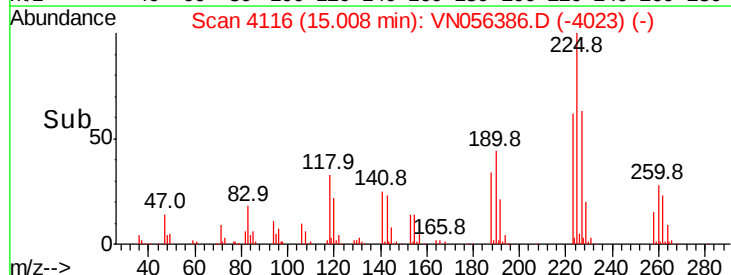
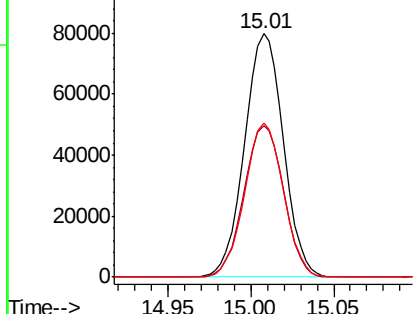


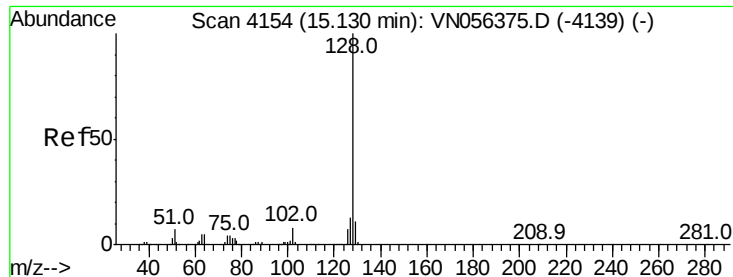
#94
Hexachlorobutadiene
Concen: 48.174 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130276		
223	63.6	31.4	94.3	
227	63.2	32.1	96.3	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 39.869 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

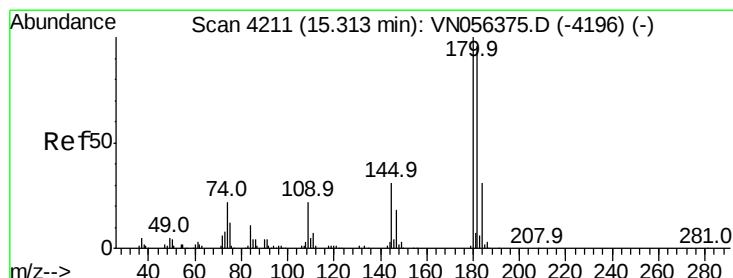
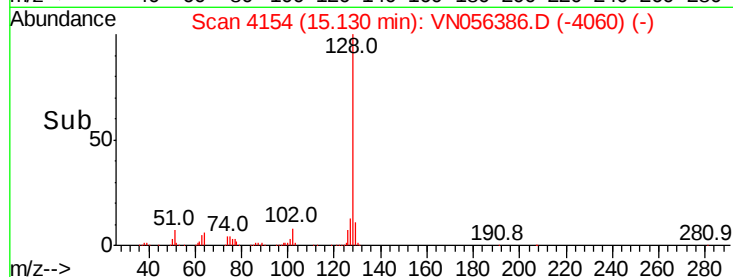
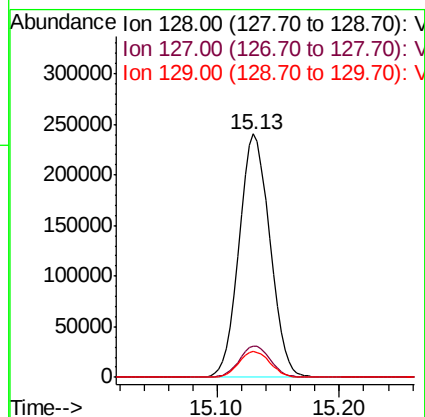
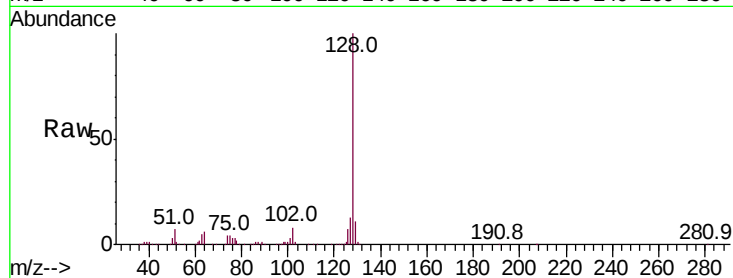
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	419505
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 41.793 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion:	180	Resp:	176225
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.3	144.8
145	31.2	15.4	46.1

