

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056378.D
 Acq On : 19 Jun 2019 11:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN061919

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:15 PM

Quant Time: Jun 21 03:53:54 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	7.67	168	390060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	593123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	207008	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.59	113	181805	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.09	98	697520	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	241196	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	159661	48.341	ug/l	99
3) Chloromethane	2.06	50	207895	46.228	ug/l	100
4) Vinyl Chloride	2.18	62	203364	46.820	ug/l	100
5) Bromomethane	2.53	94	135790m	53.326	ug/l	
6) Chloroethane	2.68	64	117077	46.544	ug/l	99
7) Trichlorofluoromethane	3.00	101	259763	46.232	ug/l	100
8) Diethyl Ether	3.41	74	109587	46.085	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	166698	46.524	ug/l	100
10) Methyl Iodide	3.95	142	216417	44.689	ug/l	99
11) Tert butyl alcohol	4.80	59	179319	246.278	ug/l	100
12) 1,1-Dichloroethene	3.73	96	163401	47.421	ug/l	99
13) Acrolein	3.61	56	139520	227.354	ug/l	99
14) Allyl chloride	4.32	41	279213	48.678	ug/l	99
15) Acrylonitrile	4.99	53	477841	237.221	ug/l	99
16) Acetone	3.82	43	493025	227.628	ug/l	99
17) Carbon Disulfide	4.05	76	395399	50.451	ug/l	99
18) Methyl Acetate	4.32	43	197026	46.382	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	537626	47.153	ug/l	98
20) Methylene Chloride	4.55	84	191388	46.817	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	177169	47.690	ug/l	96
22) Diisopropyl ether	5.95	45	563044	46.741	ug/l	95
23) Vinyl Acetate	5.90	43	2402978	252.914	ug/l	99
24) 1,1-Dichloroethane	5.85	63	326660	47.240	ug/l	99
25) 2-Butanone	6.84	43	674084	235.150	ug/l	97
26) 2,2-Dichloropropane	6.82	77	234640	48.789	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	210644	48.464	ug/l	99
28) Bromochloromethane	7.19	49	163729	47.870	ug/l	99
29) Tetrahydrofuran	7.21	42	417461	238.305	ug/l	99
30) Chloroform	7.37	83	316790	46.428	ug/l	97
31) Cyclohexane	7.65	56	303919	45.526	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	259084	47.903	ug/l	100
36) 1,1-Dichloropropene	7.79	75	244559	46.845	ug/l	99
37) Ethyl Acetate	6.93	43	250171	48.762	ug/l	98
38) Carbon Tetrachloride	7.77	117	221311	48.477	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	307721	47.770	ug/l	98
40) Benzene	8.04	78	751105	46.773	ug/l	99
41) Methacrylonitrile	7.17	41	111611	49.266	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	243387	45.926	ug/l	99
43) Isopropyl Acetate	8.17	43	391669	49.509	ug/l #	92
44) Trichloroethene	8.83	130	204301	47.229	ug/l	99
45) 1,2-Dichloropropane	9.12	63	201817	46.993	ug/l	98
46) Dibromomethane	9.21	93	129167	48.073	ug/l	99
47) Bromodichloromethane	9.40	83	236614	49.653	ug/l	99
48) Methyl methacrylate	9.20	41	187717	47.351	ug/l	100
49) 1,4-Dioxane	9.20	88	75470	917.353	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1253774	245.547	ug/l	99
52) Toluene	10.16	92	460576	46.913	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	255233	46.218	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	295118	51.427	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	188414	47.744	ug/l	98
56) Ethyl methacrylate	10.43	69	289854	50.259	ug/l	99
57) 1,3-Dichloropropane	10.71	76	314712	47.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	456547	220.352	ug/l	100
59) 2-Hexanone	10.75	43	907102	241.715	ug/l	99
60) Dibromochloromethane	10.90	129	187086	46.307	ug/l	99
61) 1,2-Dibromoethane	11.00	107	196534	48.761	ug/l	99
64) Tetrachloroethene	10.63	164	190728	45.684	ug/l	99
65) Chlorobenzene	11.43	112	498469	47.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	177170	49.485	ug/l	99
67) Ethyl Benzene	11.51	91	883050	47.476	ug/l	100
68) m/p-Xylenes	11.62	106	661145	96.991	ug/l	99
69) o-Xylene	11.95	106	324444	48.110	ug/l	99
70) Styrene	11.96	104	545644	50.619	ug/l	99
71) Bromoform	12.13	173	130389	45.449	ug/l #	100
73) Isopropylbenzene	12.25	105	860698	51.256	ug/l	100
74) N-amyl acetate	12.07	43	328195	46.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	267214	51.421	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	215150m	46.350	ug/l	
77) Bromobenzene	12.53	156	225703	45.090	ug/l	100
78) n-propylbenzene	12.59	91	942818	45.990	ug/l	100
79) 2-Chlorotoluene	12.67	91	569698	50.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	712195	50.577	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66050	50.573	ug/l	94
82) 4-Chlorotoluene	12.77	91	557804	46.083	ug/l	100
83) tert-Butylbenzene	12.99	119	625745	51.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	698733	46.364	ug/l	100
85) sec-Butylbenzene	13.17	105	822495	45.647	ug/l	100
86) p-Isopropyltoluene	13.29	119	728627	47.118	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	363677	47.942	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	349849	47.620	ug/l	100
89) n-Butylbenzene	13.61	91	570441	48.729	ug/l	100
90) Hexachloroethane	13.87	117	114162	47.353	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	361029	47.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41521	50.126	ug/l	100

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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	170807	44.301	ug/l	97
94) Hexachlorobutadiene	15.01	225	130561	51.236	ug/l	98
95) Naphthalene	15.13	128	489963	48.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	194756	48.140	ug/l	98

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

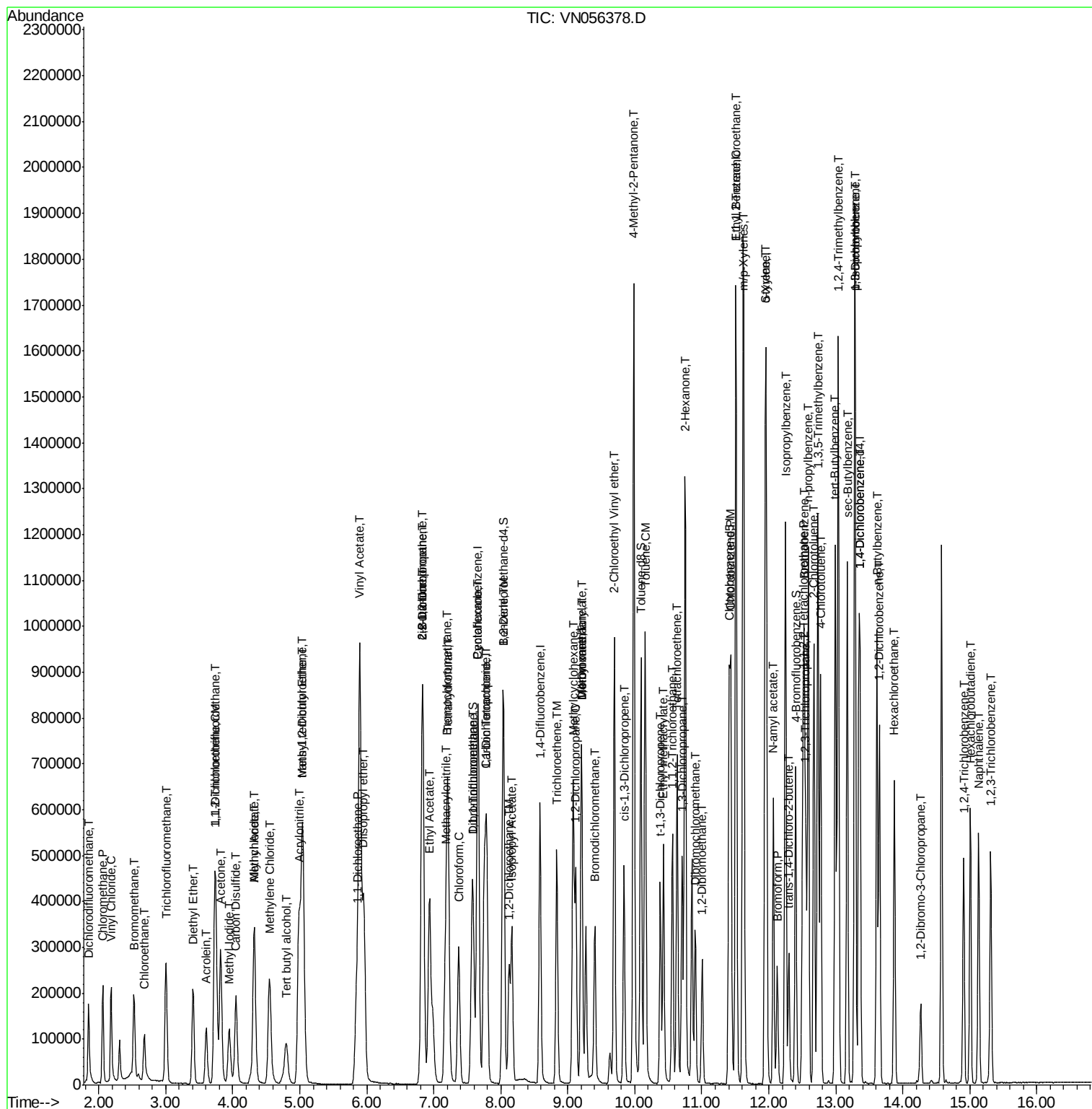
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061919\
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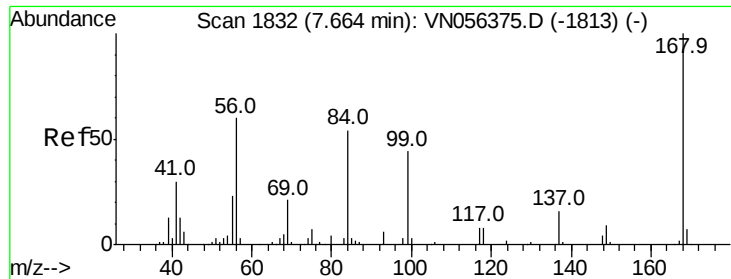
Instrument :
 MSVOA_N
 Client Sampled :
 ICVVN061919

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion:168 Resp: 390060

Ion Ratio Lower Upper

168 100

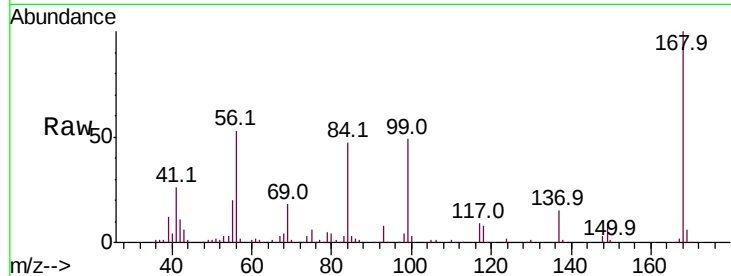
99 49.1 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

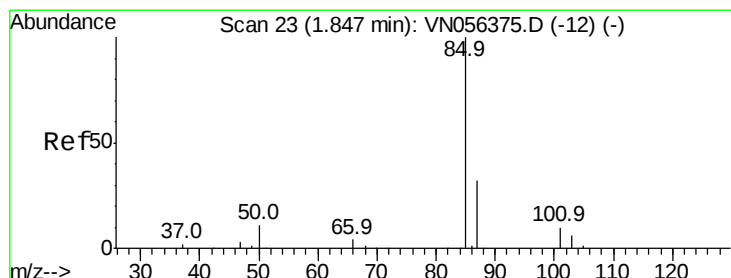
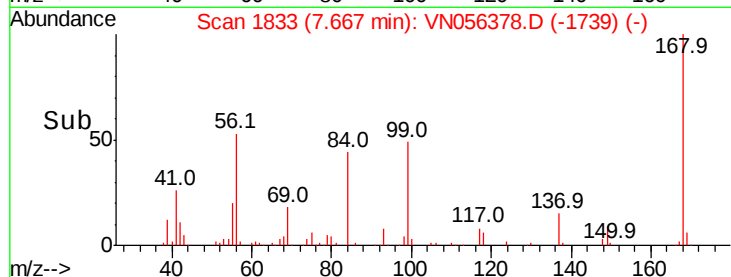
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.341 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056378.D

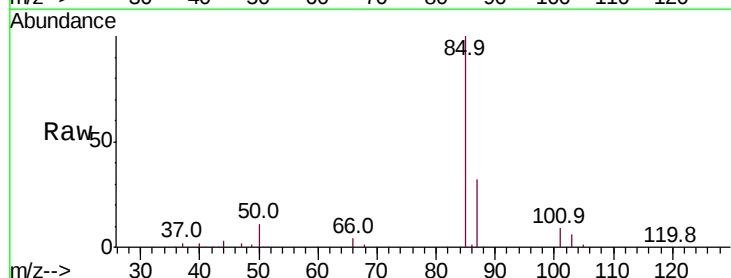
Acq: 19 Jun 2019 11:12

Tgt Ion: 85 Resp: 159661

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

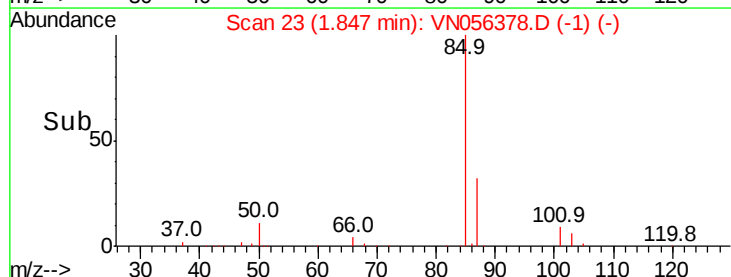
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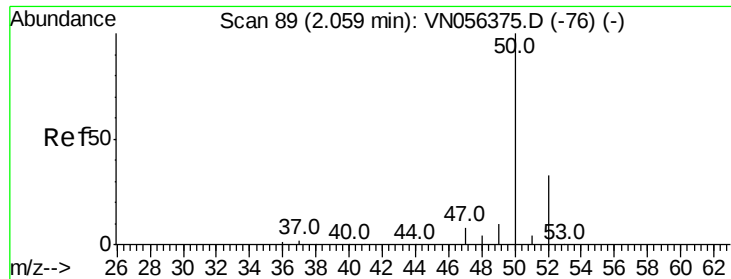
40000

20000

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Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 46.228 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampled :

ICVVN061919

Tot Ion: 50 Resp: 207895

Ion Ratio Lower Upper

50 100

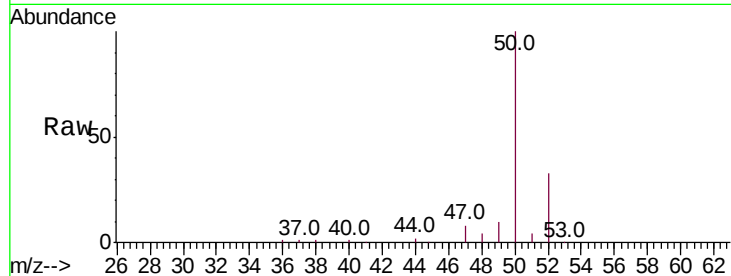
52 33.1 26.5 39.7

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

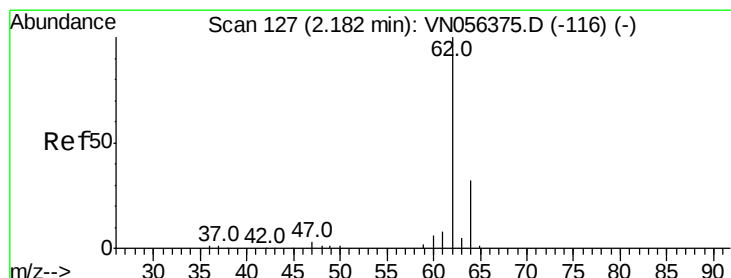
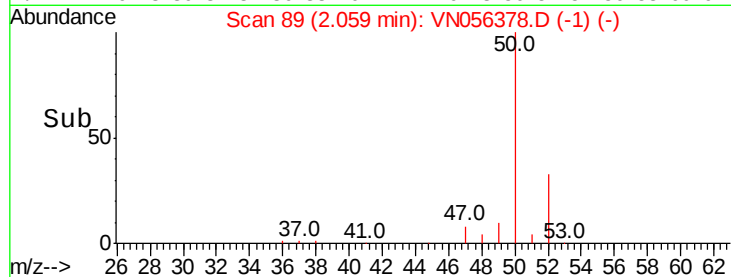
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.820 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056378.D

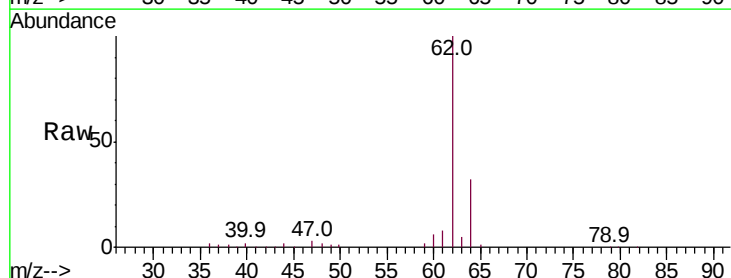
Acq: 19 Jun 2019 11:12

Tgt Ion: 62 Resp: 203364

Ion Ratio Lower Upper

62 100

64 32.4 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

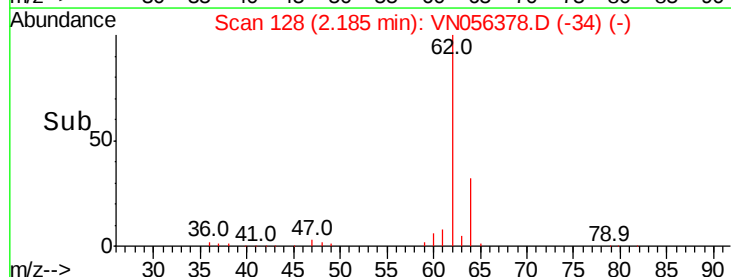
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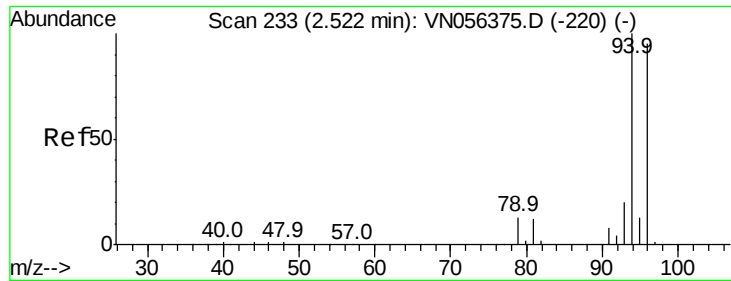
100000

50000

0

Time-->





#5

Bromomethane

Concen: 53.326 ug/l m

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

Tot Ion: 94 Resp: 135790

Ion Ratio Lower Upper

94 100

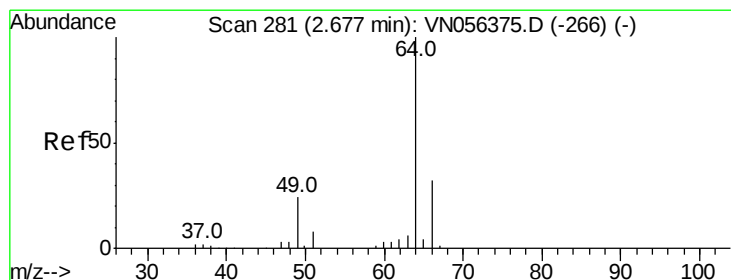
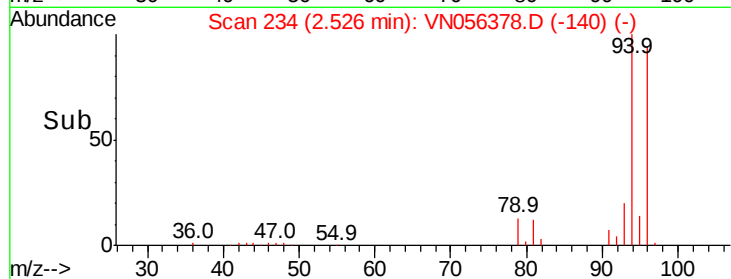
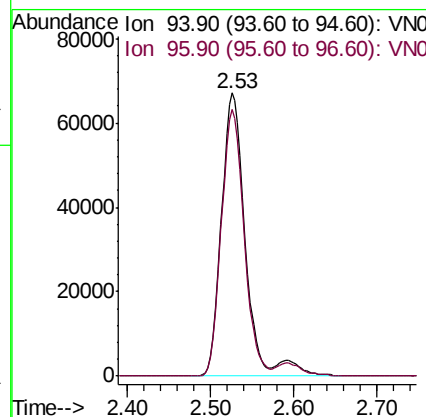
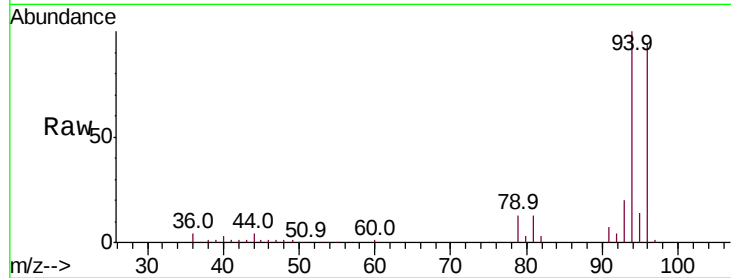
96 94.1 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 46.544 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN056378.D

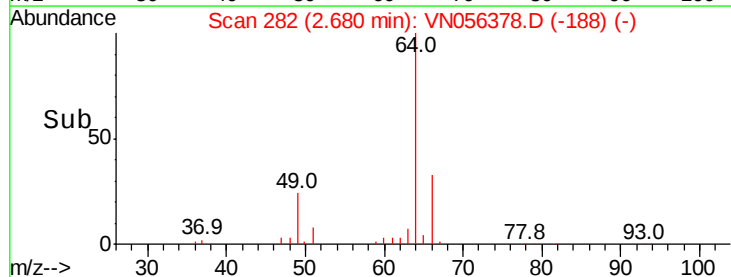
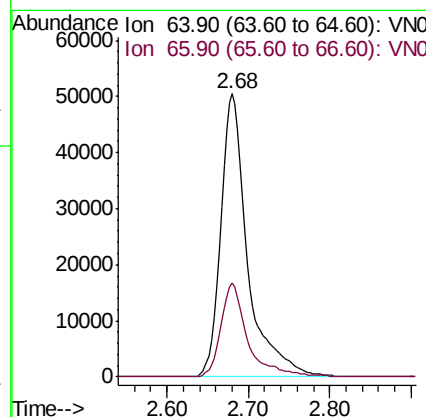
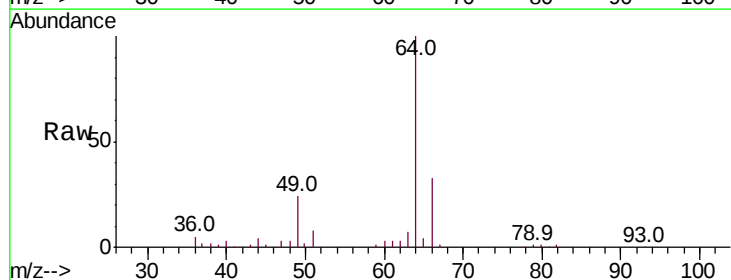
Acq: 19 Jun 2019 11:12

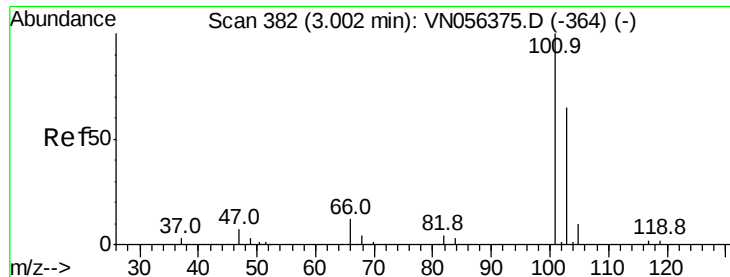
Tgt Ion: 64 Resp: 117077

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8





#7

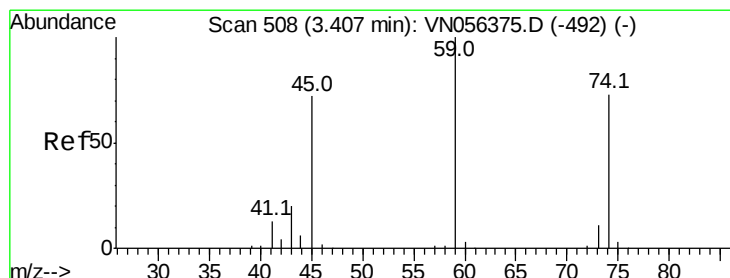
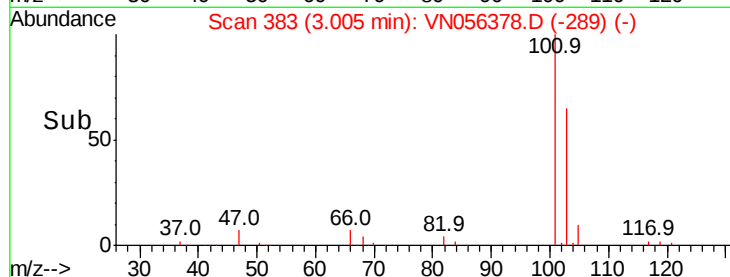
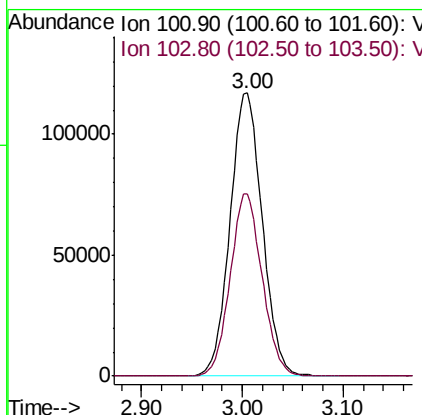
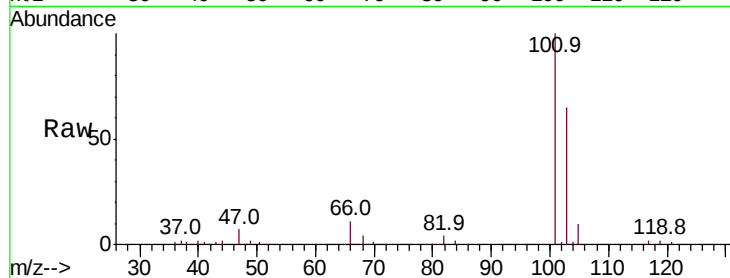
Trichlorofluoromethane
Concen: 46.232 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.7	77.5

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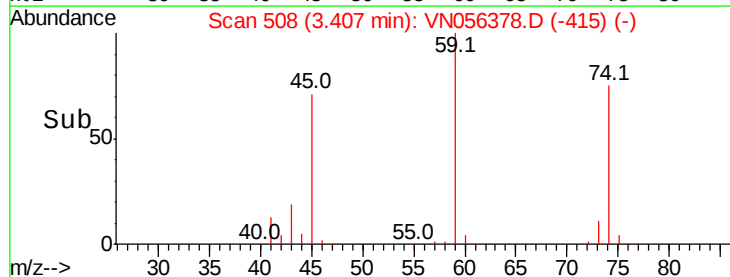
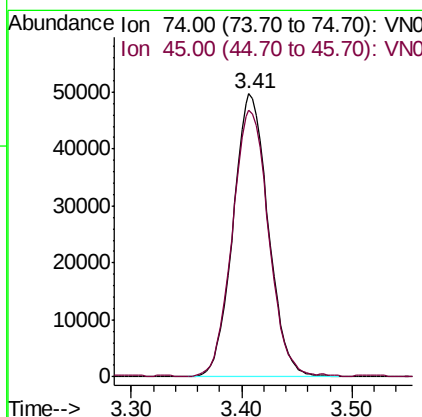
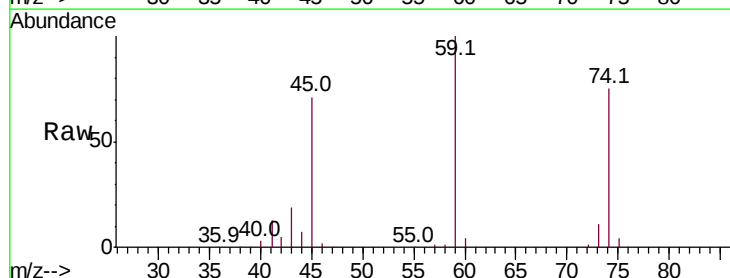
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6/21/2019 10:52:15 PM

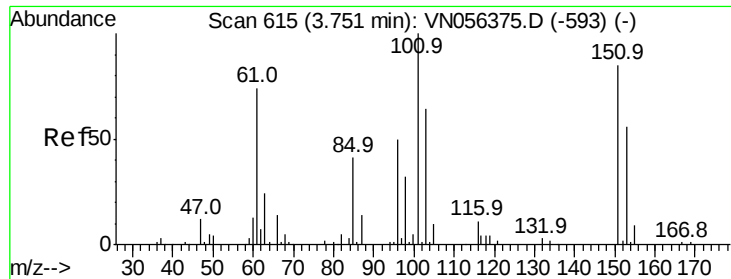


#8

Diethyl Ether
Concen: 46.085 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.9	146.6





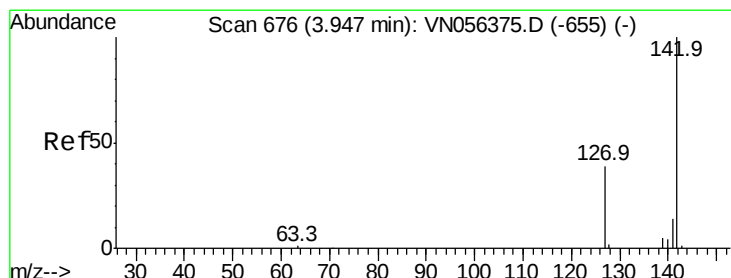
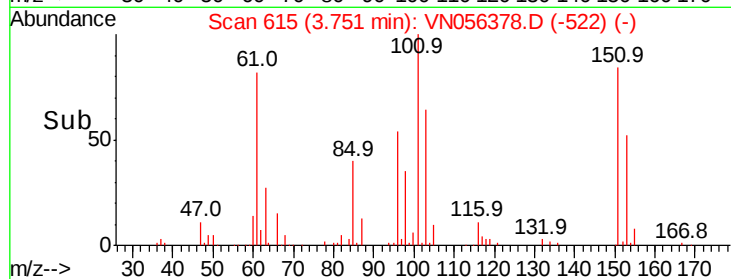
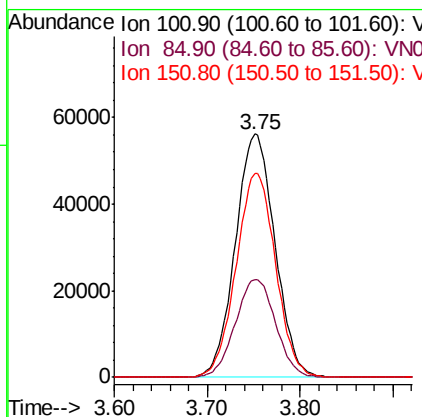
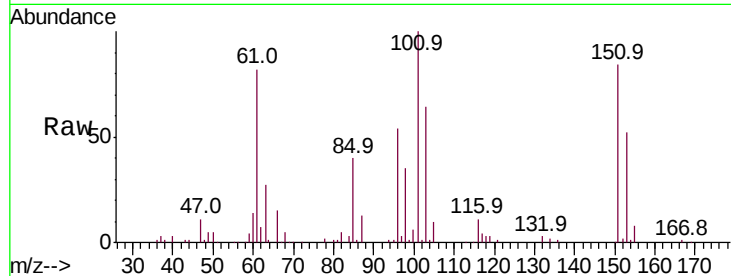
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.524 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion:	101	Resp:	166698
Ion Ratio	Lower	Upper	
101	100		
85	40.8	32.7	49.1
151	83.7	66.8	100.2

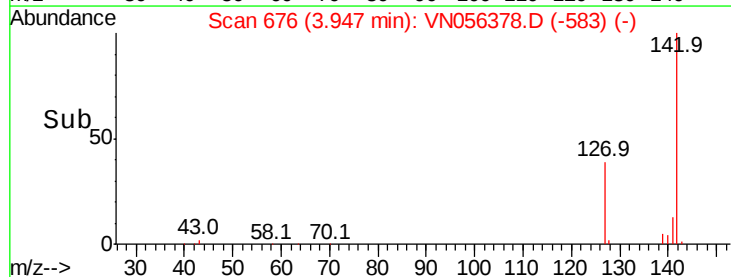
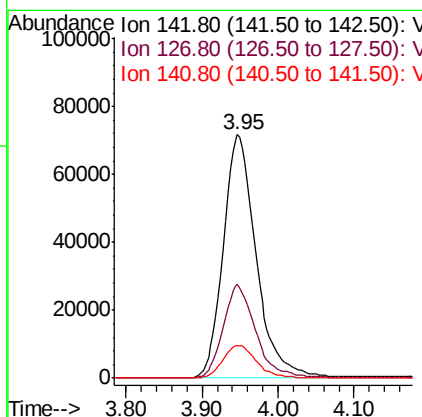
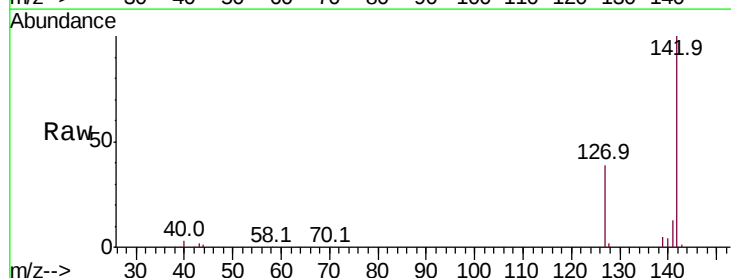
Manual Integrations
 APPROVED

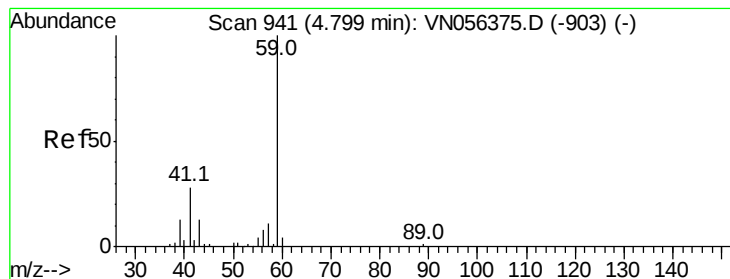
MMDadoda
 6/21/2019 10:52:15 PM



#10
 Methyl Iodide
 Concen: 44.689 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion:	142	Resp:	216417
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.6	46.0
141	13.7	11.4	17.2





#11

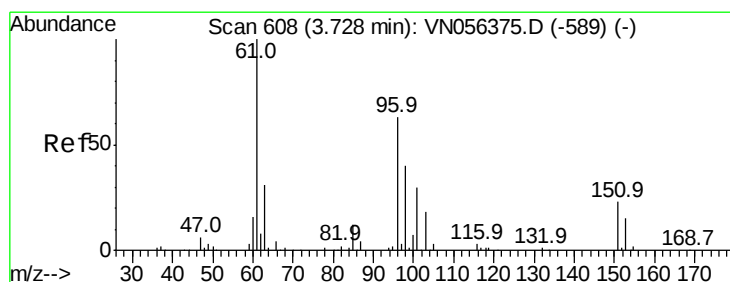
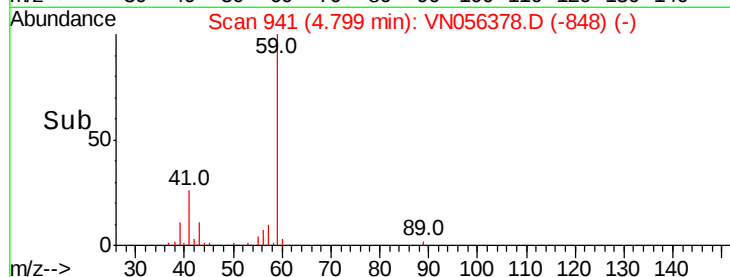
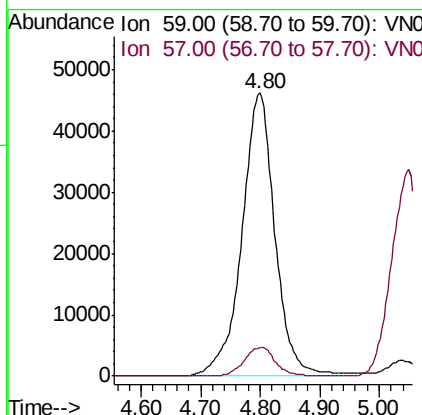
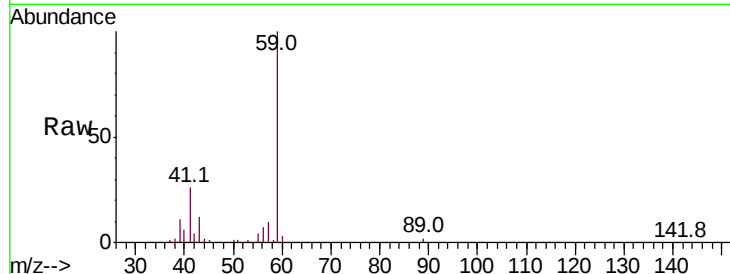
Tert butyl alcohol
 Concen: 246.278 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion	59	Resp	179319
Ion Ratio	100	Lower	Upper
57	9.6	7.6	11.4

Manual Integrations
 APPROVED

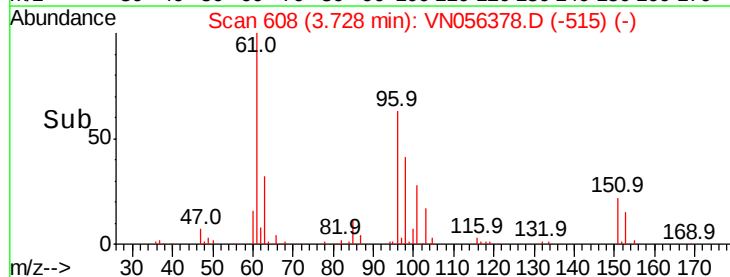
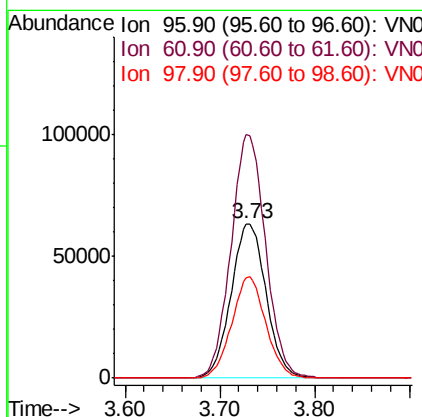
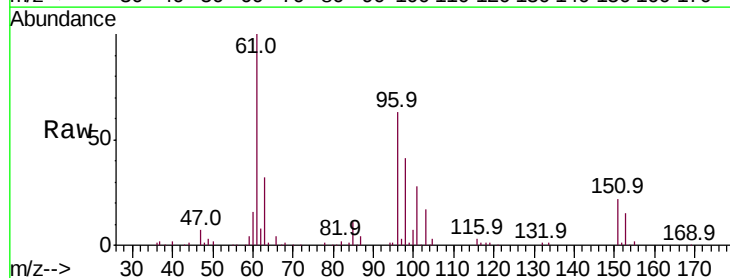
MMDadoda
 6/21/2019 10:52:15 PM

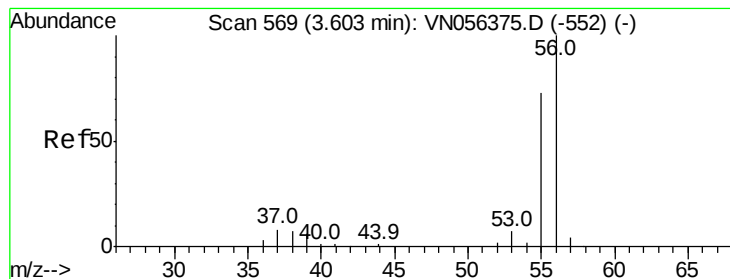


#12

1,1-Dichloroethene
 Concen: 47.421 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	96	Resp	163401
Ion Ratio	100	Lower	Upper
61	157.8	126.6	190.0
98	65.3	51.1	76.7





#13

Acrolein

Concen: 227.354 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion: 56 Resp: 139520

Ion Ratio Lower Upper

56 100

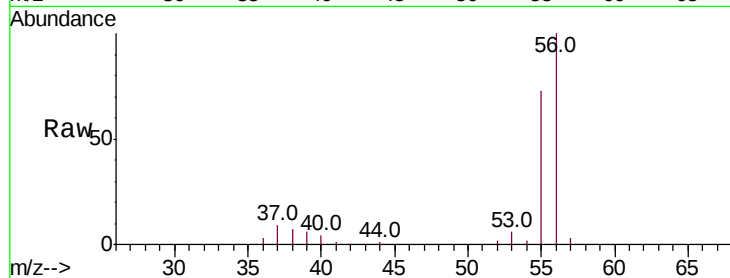
55 72.6 57.1 85.7

Manual Integrations

APPROVED

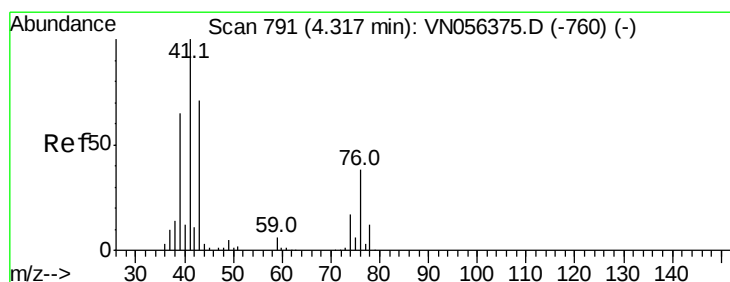
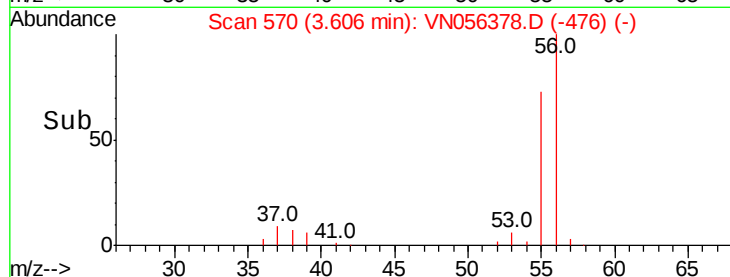
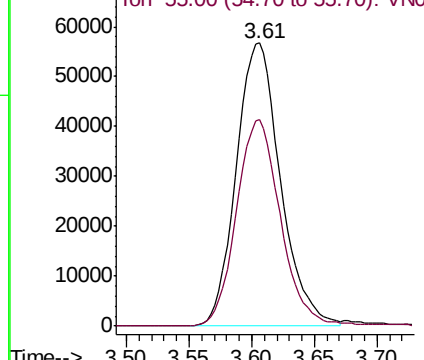
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.678 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

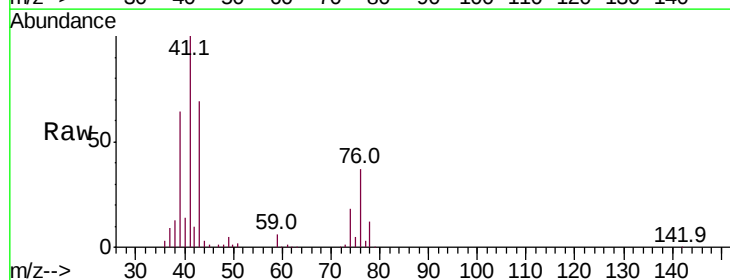
Tgt Ion: 41 Resp: 279213

Ion Ratio Lower Upper

41 100

39 60.9 48.6 73.0

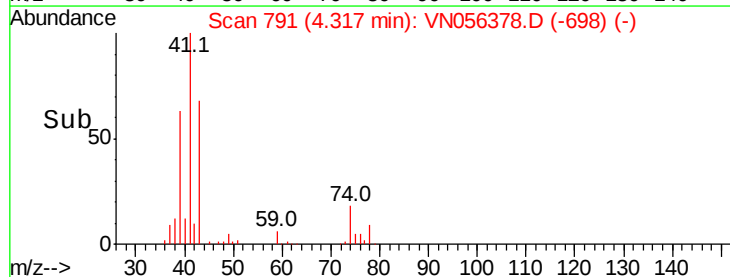
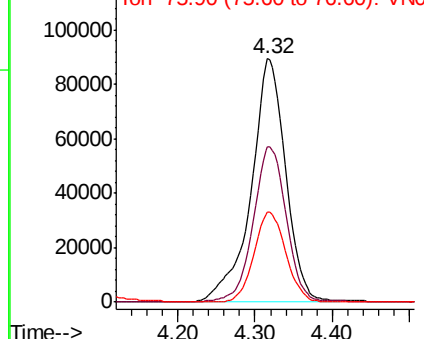
76 34.1 26.6 40.0

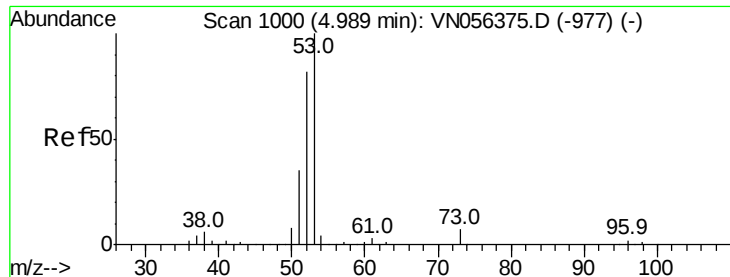


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 237.221 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

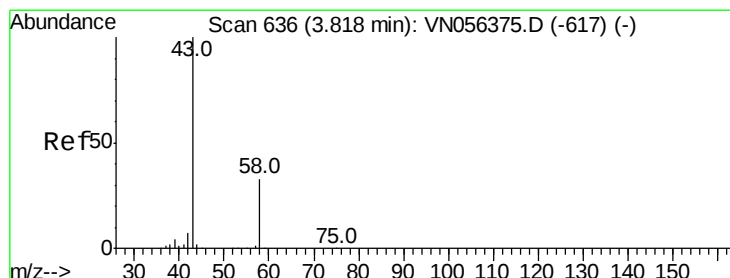
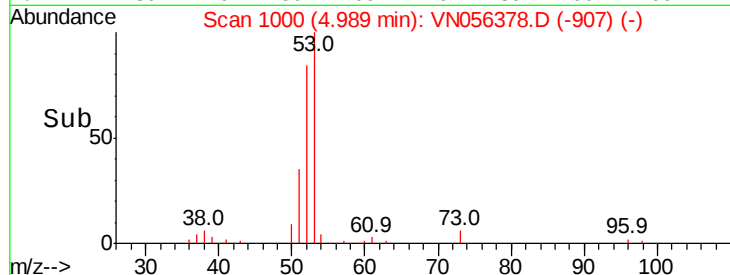
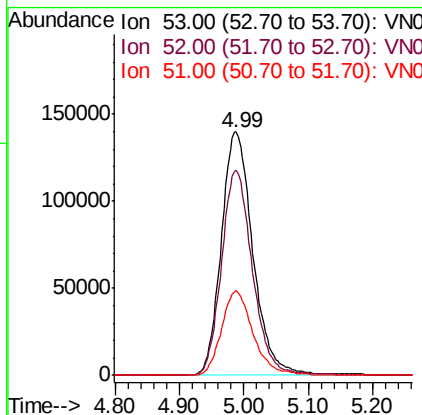
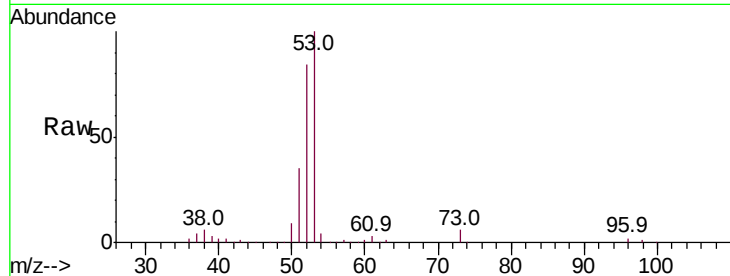
ClientSampled :

ICVVN061919

Tot Ion:	53	Resp:	477841
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.9	98.9
51	34.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 227.628 ug/l

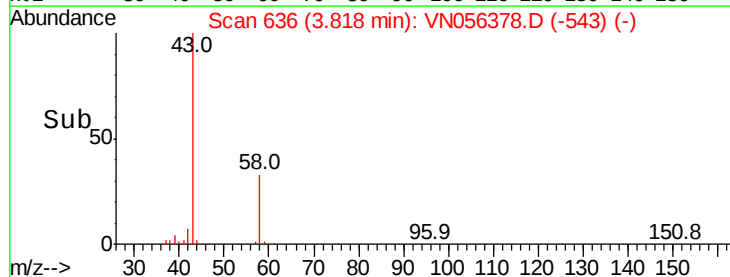
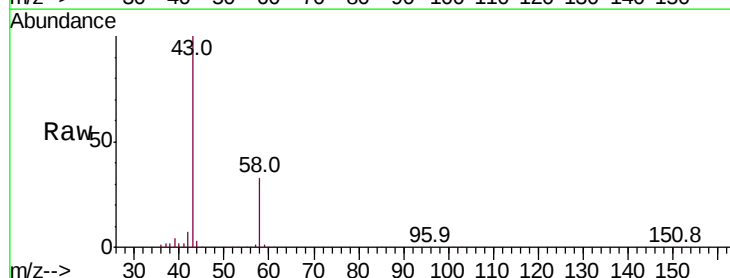
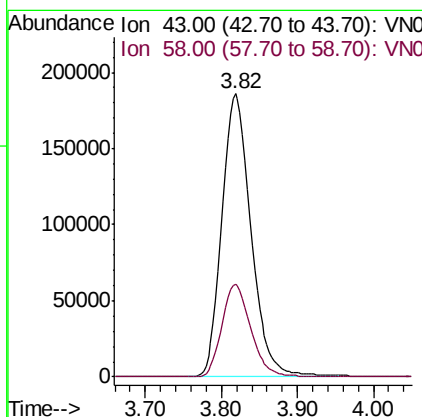
RT: 3.82 min Scan# 636

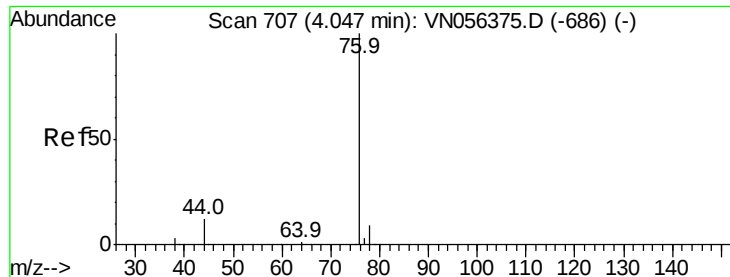
Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	43	Resp:	493025
Ion Ratio	Lower	Upper	
43	100		
58	32.7	26.4	39.6





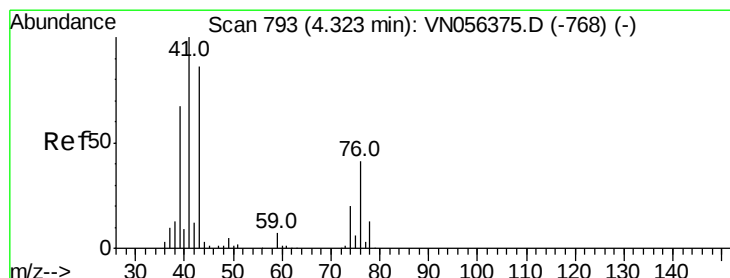
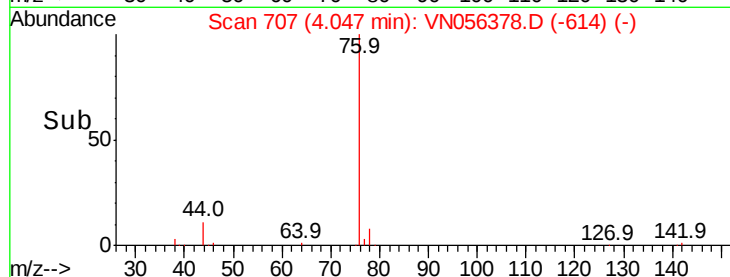
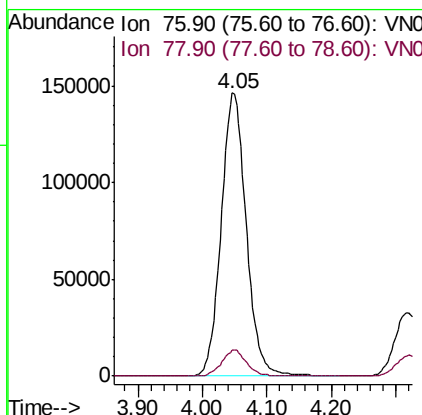
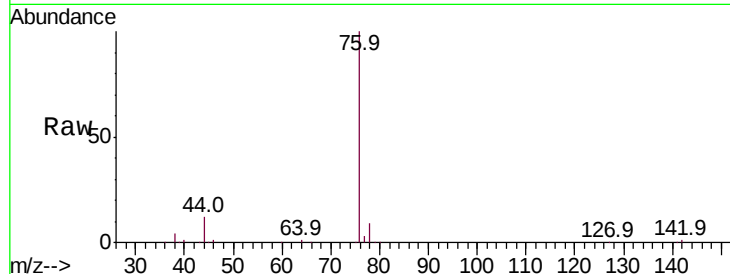
#17
Carbon Disulfide
Concen: 50.451 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

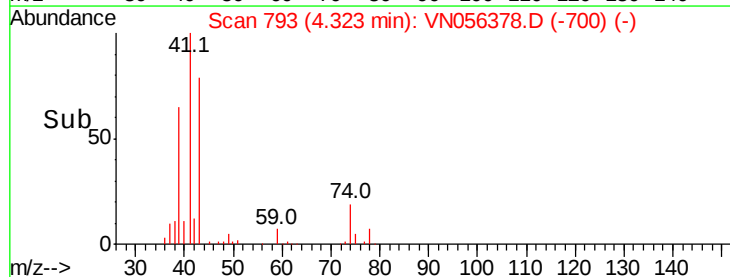
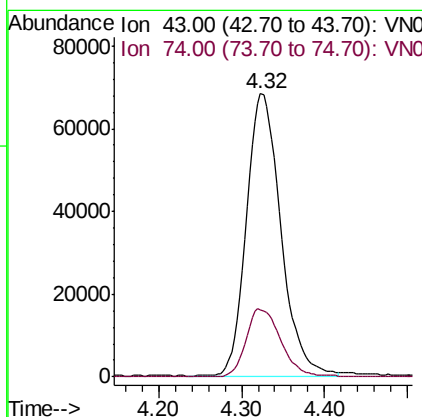
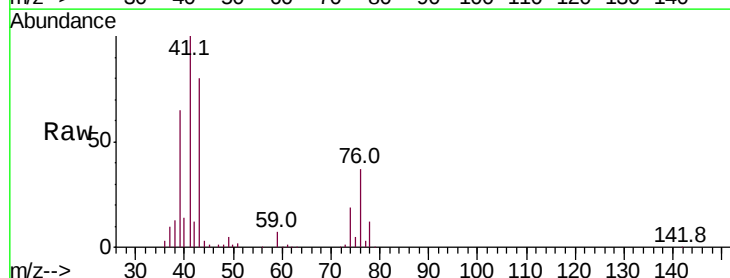
Manual Integrations
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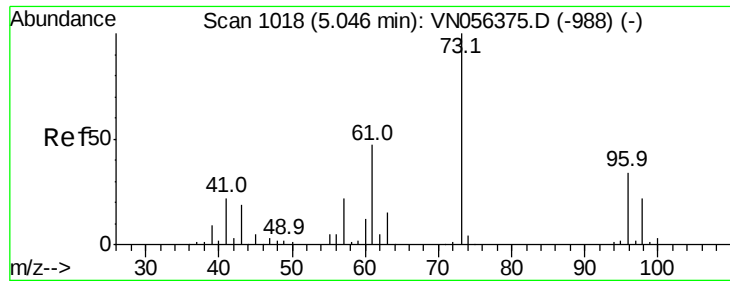
MMDadoda
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#18
Methyl Acetate
Concen: 46.382 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.2	28.8





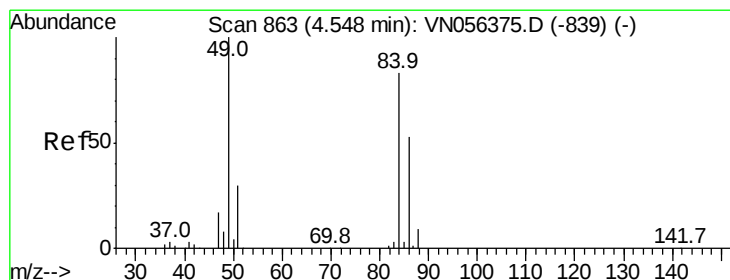
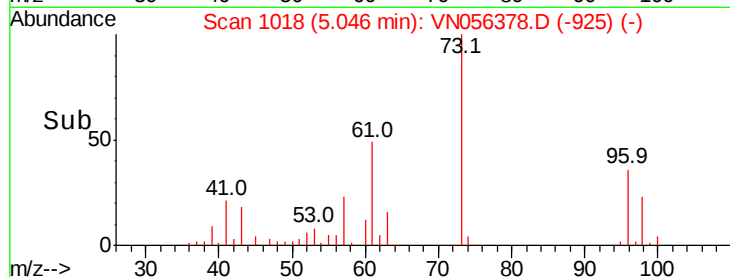
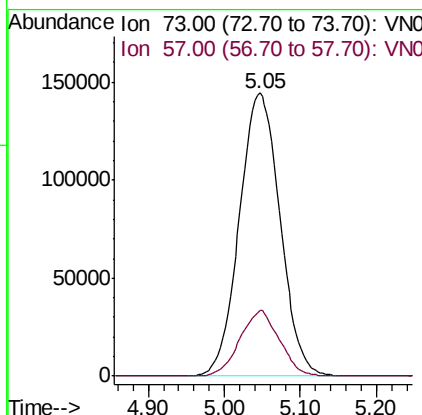
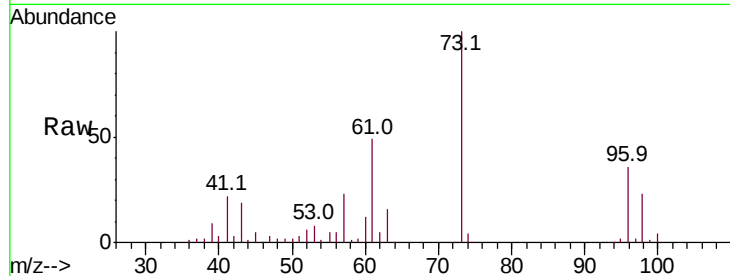
#19
Methvl tert-butvl Ether
Concen: 47.153 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.9	26.9

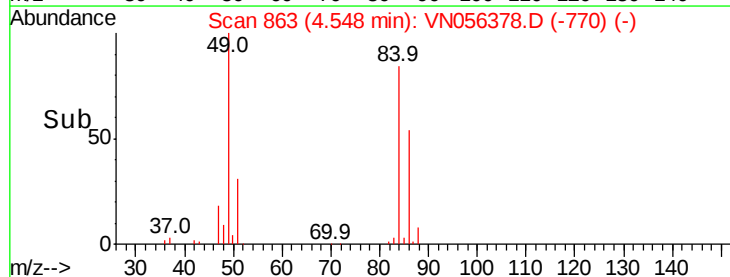
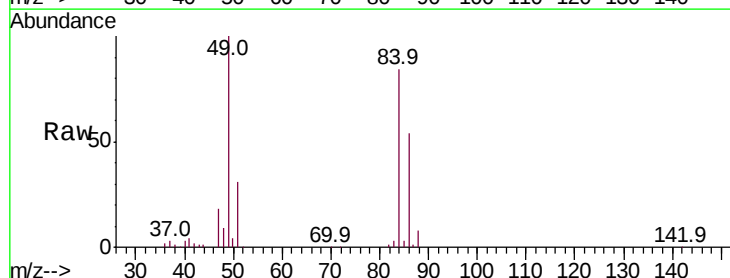
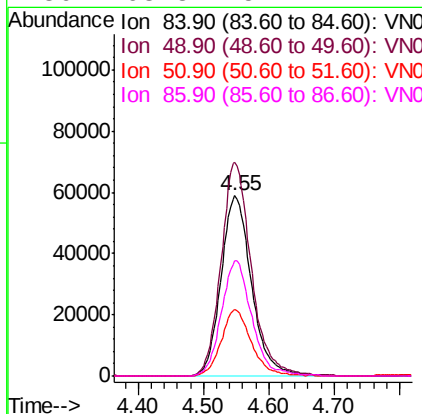
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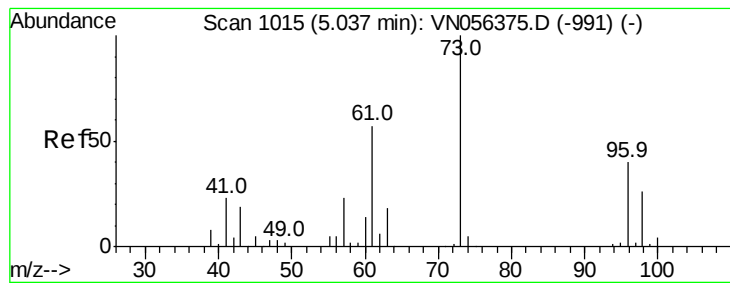
MMDadoda
6/21/2019 10:52:15 PM



#20
Methylene Chloride
Concen: 46.817 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	96.4	144.6
51	36.7	28.6	43.0
86	63.8	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 47.690 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampled :

ICVVN061919

Tot Ion: 96 Resp: 177169

Ion Ratio Lower Upper

96 100

61 136.0 113.0 169.6

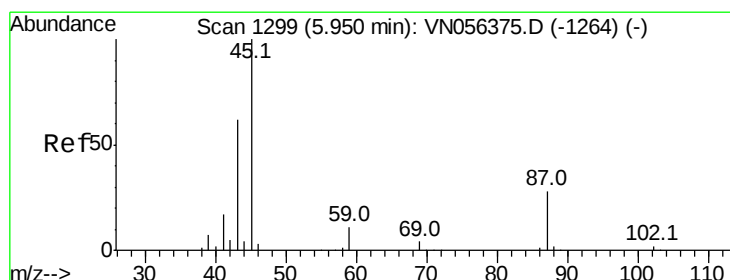
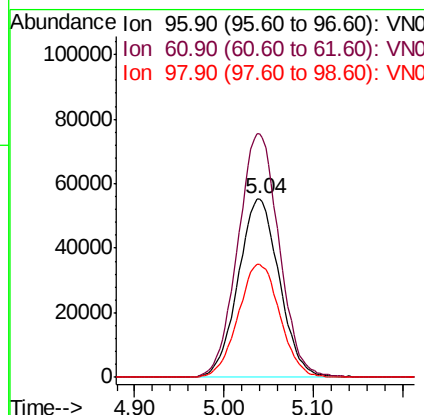
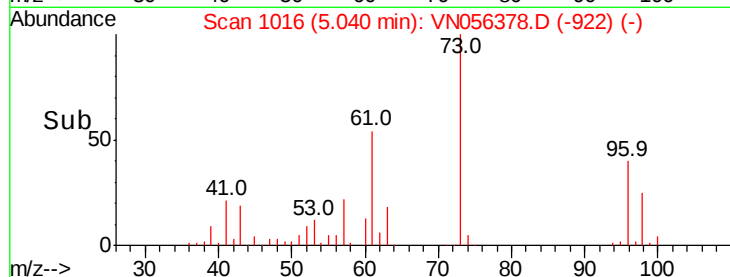
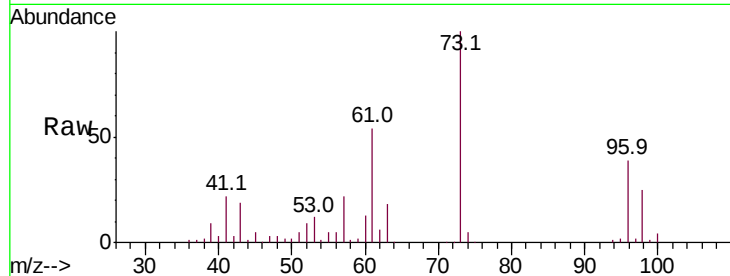
98 62.9 52.2 78.2

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 46.741 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion: 45 Resp: 563044

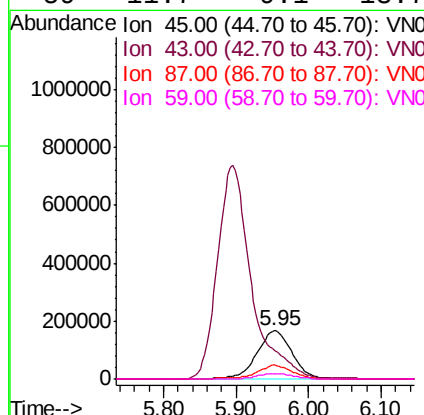
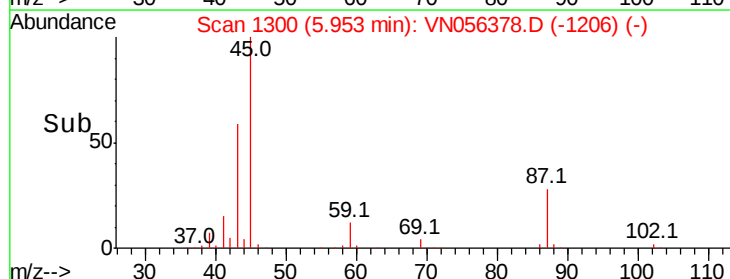
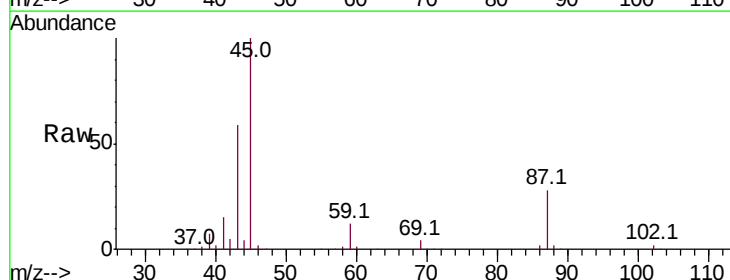
Ion Ratio Lower Upper

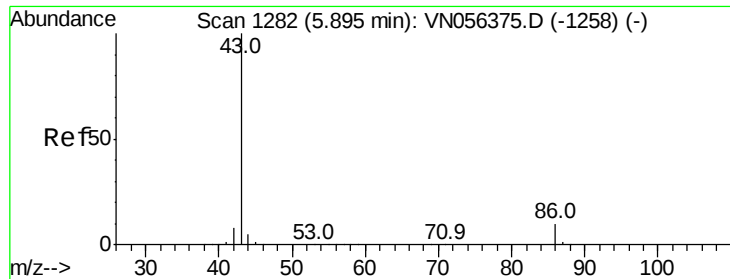
45 100

43 57.5 50.4 75.6

87 28.0 23.0 34.4

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 252.914 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

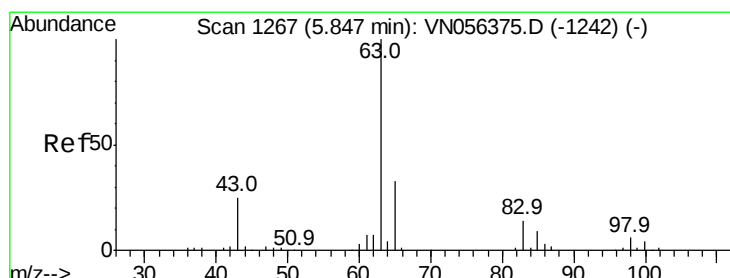
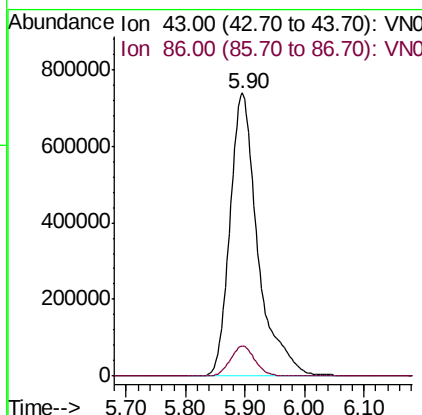
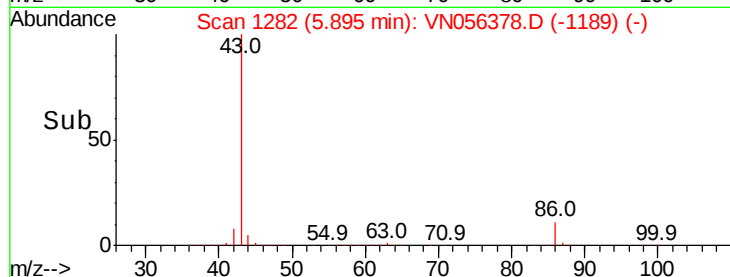
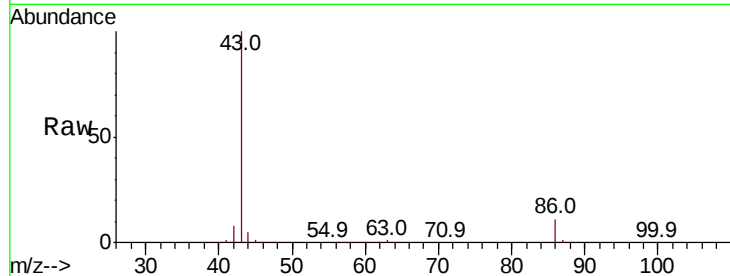
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion: 43 Resp: 2402978

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.3	12.5

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.240 ug/l

RT: 5.85 min Scan# 1267

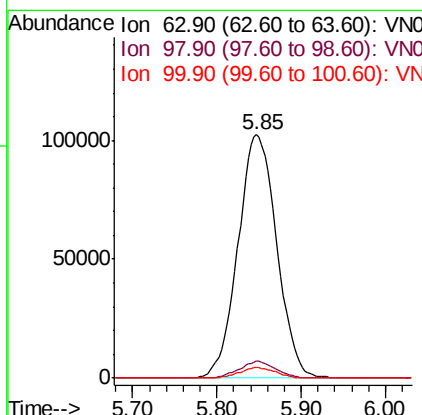
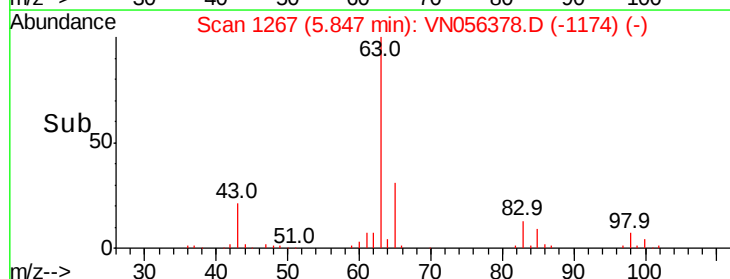
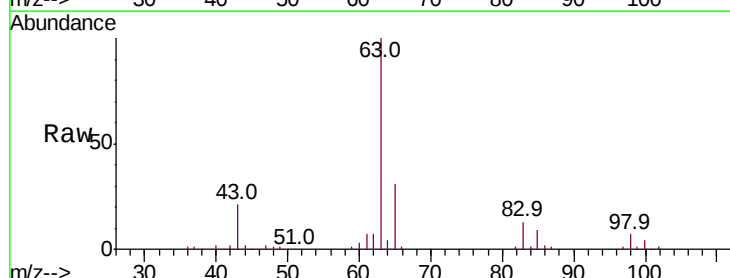
Delta R.T. -0.00 min

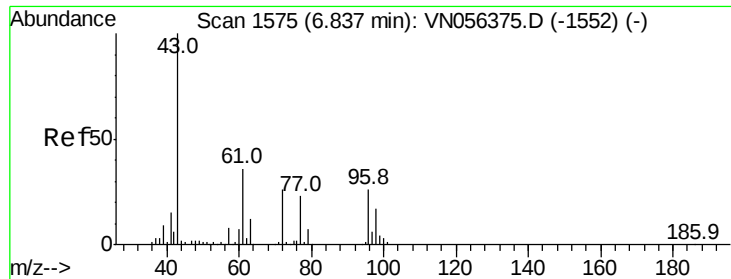
Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion: 63 Resp: 326660

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.2	9.6
100	4.2	2.1	6.5





#25

2-Butanone

Concen: 235.150 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

Tot Ion: 43 Resp: 674084

Ion Ratio Lower Upper

43 100

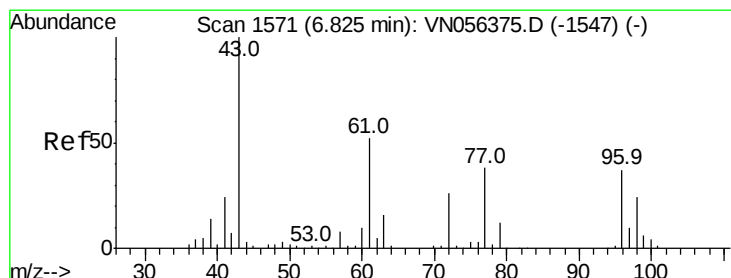
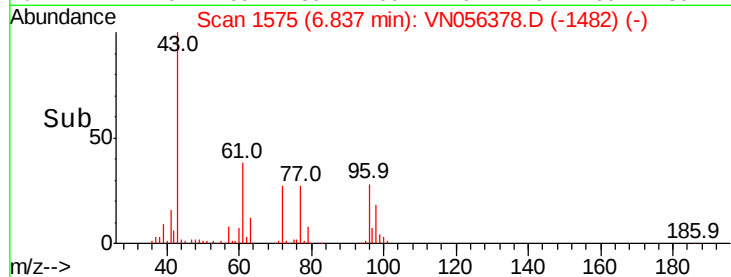
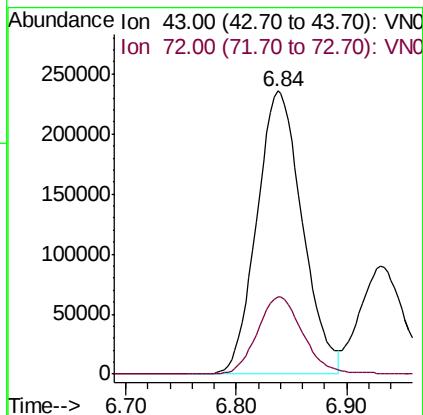
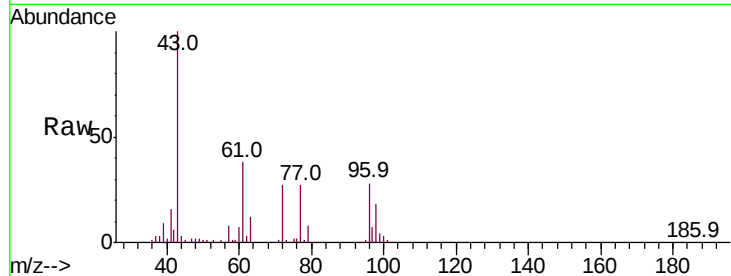
72 27.3 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.789 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056378.D

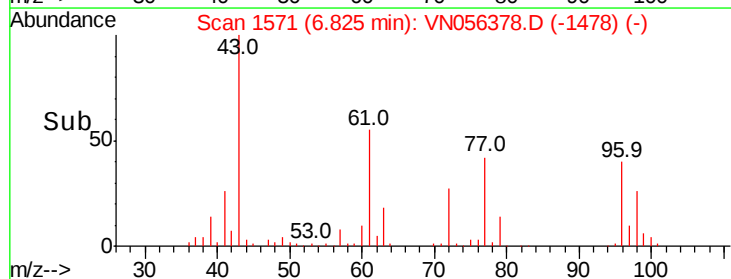
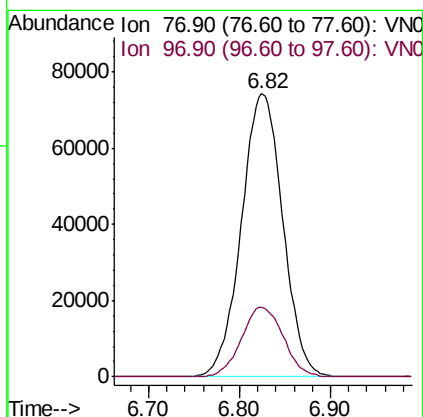
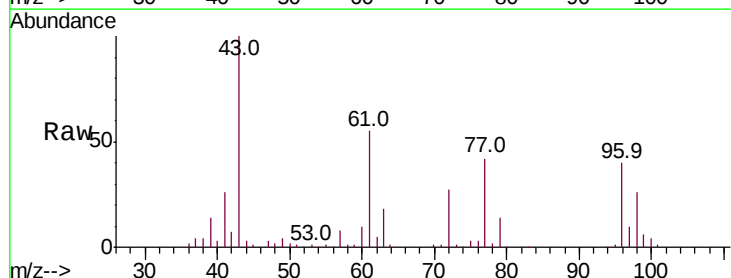
Acq: 19 Jun 2019 11:12

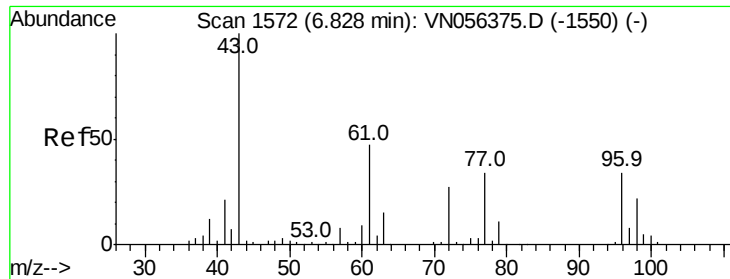
Tgt Ion: 77 Resp: 234640

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.464 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

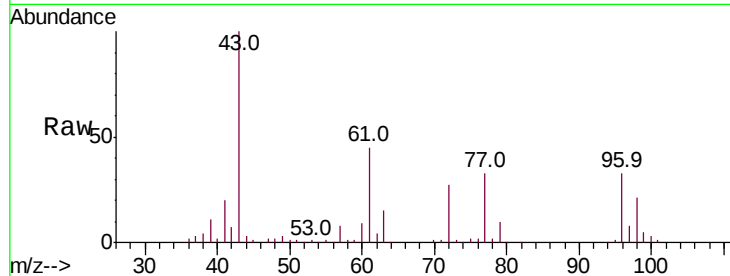
ClientSampled :

ICVVN061919

Tot Ion:	96	Resp:	210644
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	279.8
98	64.3	0.0	130.0

Manual Integrations
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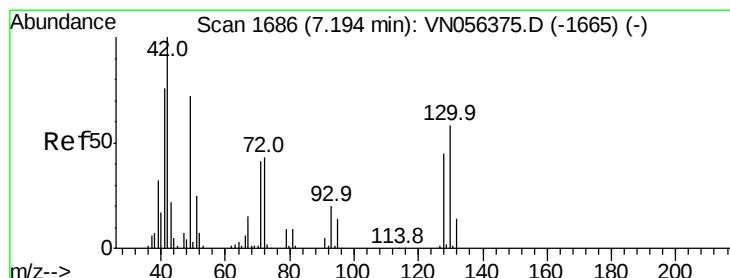
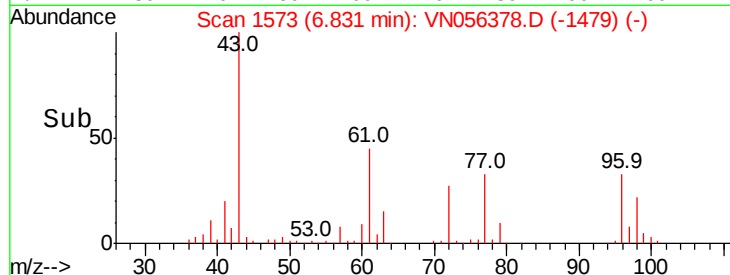
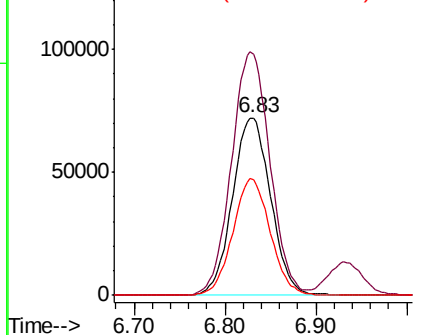
MMDadoda
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.870 ug/l

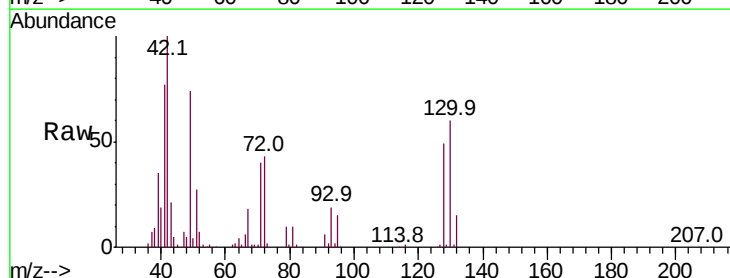
RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

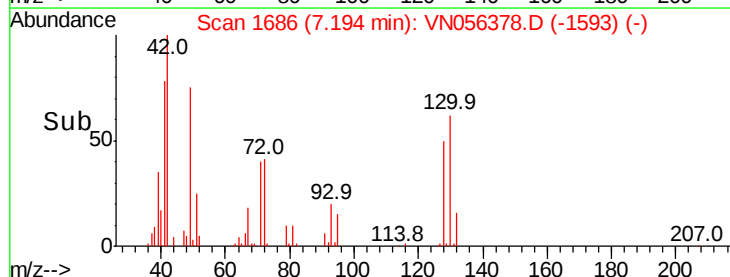
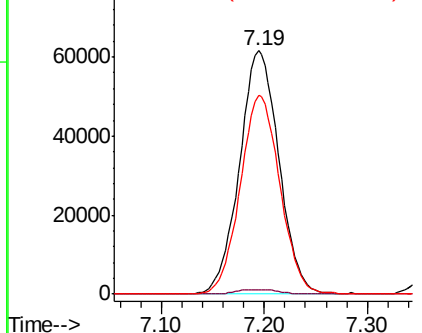
Tgt Ion:	49	Resp:	163729
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.2	64.9	97.3

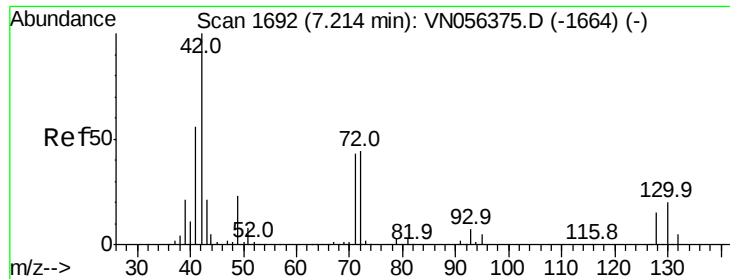


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





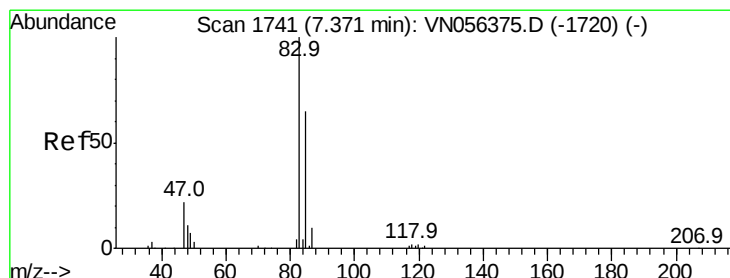
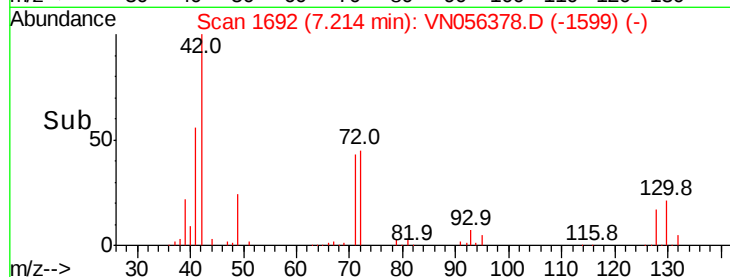
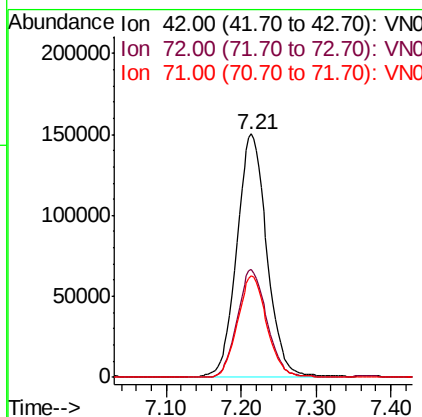
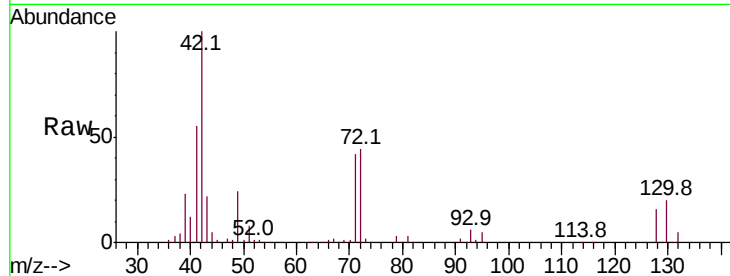
#29
Tetrahydrofuran
Concen: 238.305 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.7	52.1
71	41.0	33.0	49.6

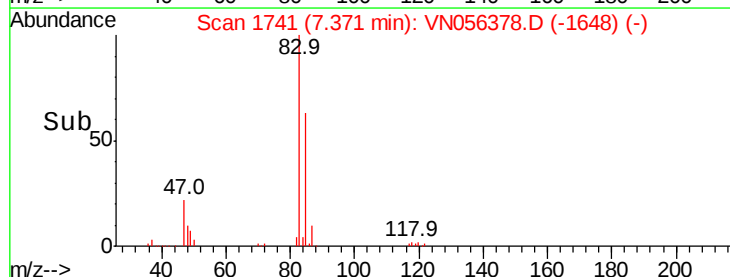
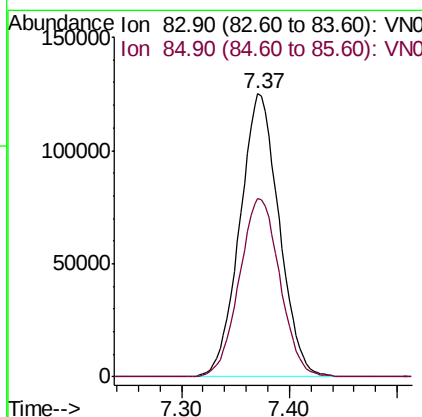
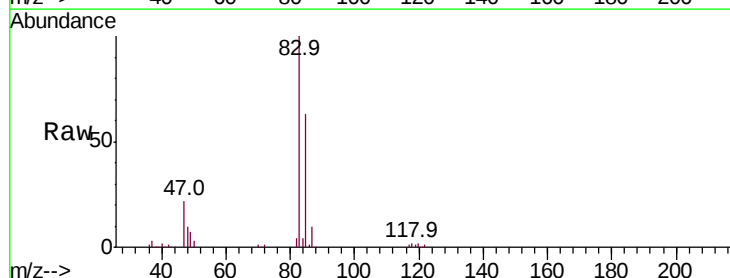
Manual Integrations
APPROVED

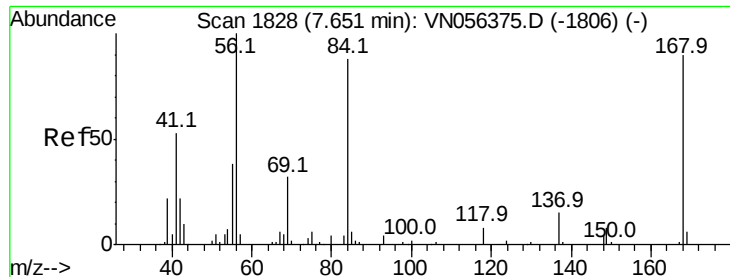
MMDadoda
6/21/2019 10:52:15 PM



#30
Chloroform
Concen: 46.428 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.3	78.5





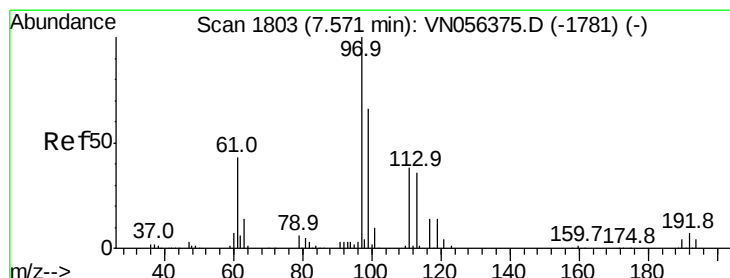
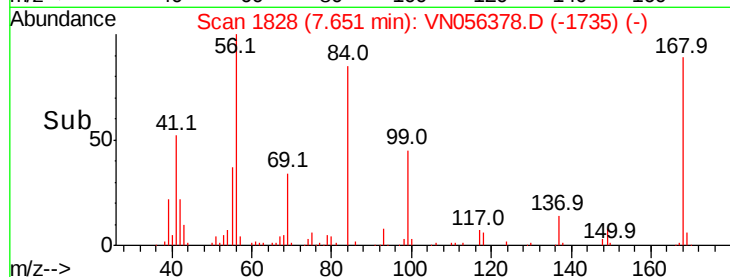
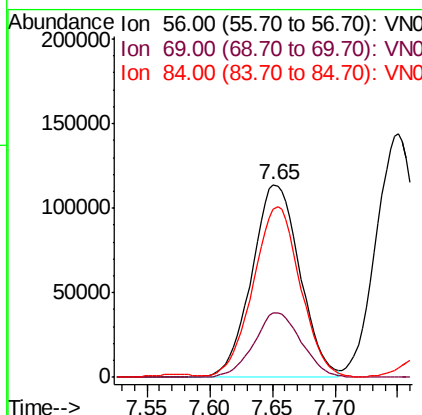
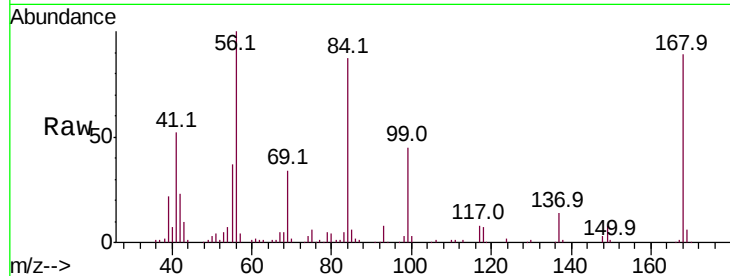
#31
Cyclohexane
Concen: 45.526 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.8	38.6
84	85.9	69.4	104.0

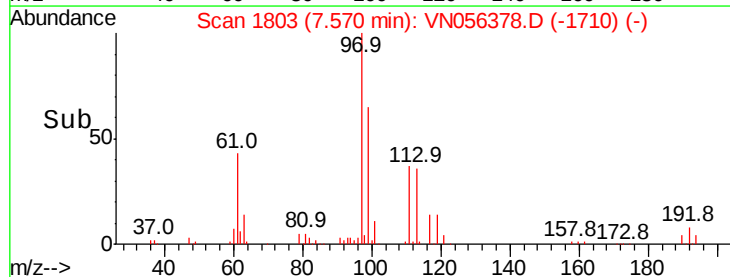
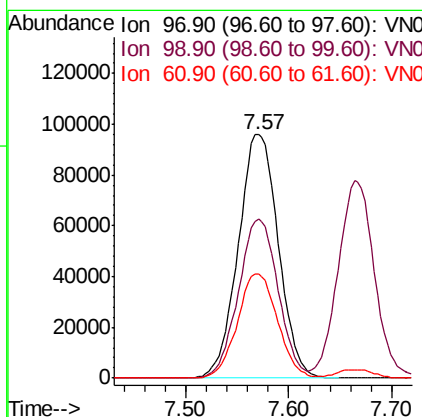
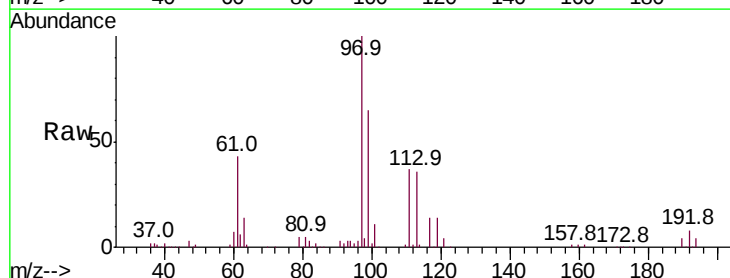
Manual Integrations
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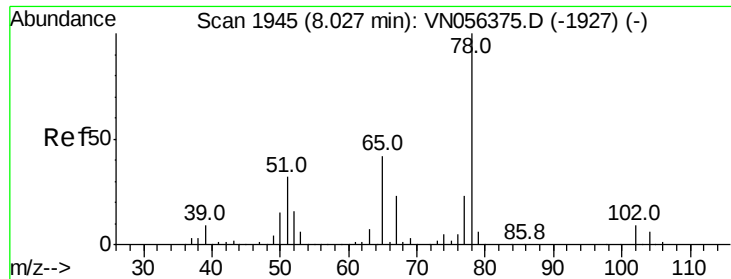
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#32
1,1,1-Trichloroethane
Concen: 47.903 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	42.9	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 47.885 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICV061919

Tot Ion: 65 Resp: 207008

Ion Ratio Lower Upper

65 100

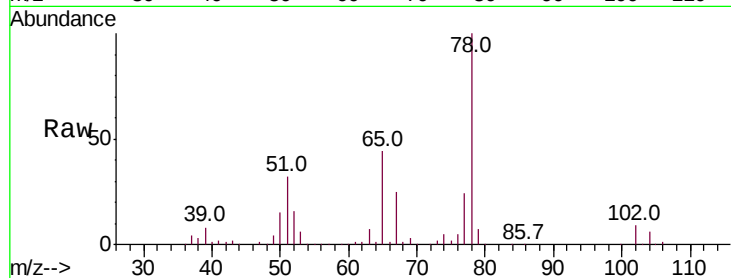
67 55.3 0.0 109.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN056378.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN056378.D (-1927) (-)

8.03

100000

80000

60000

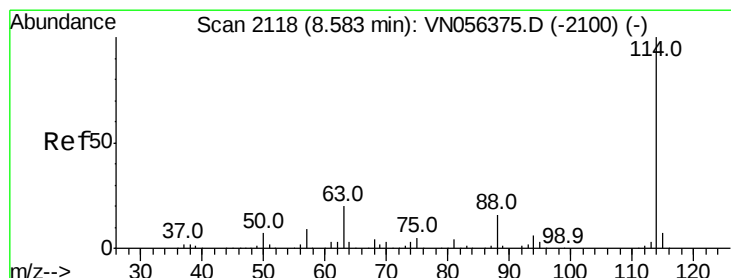
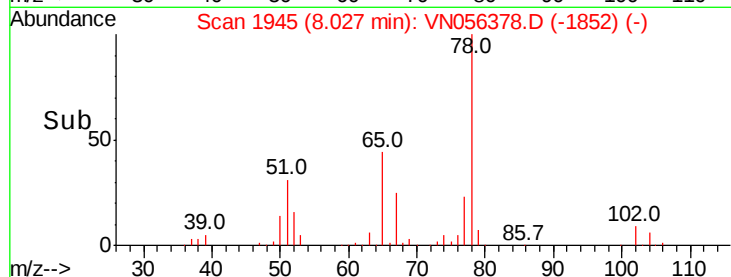
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

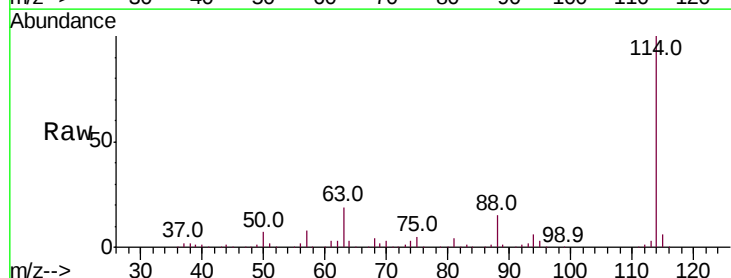
Tgt Ion:114 Resp: 593123

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN056378.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN056378.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN056378.D (-2100) (-)

8.59

300000

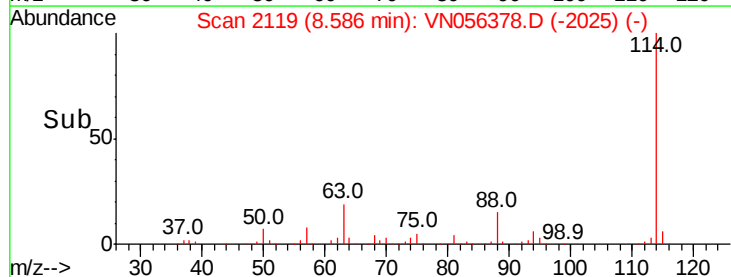
200000

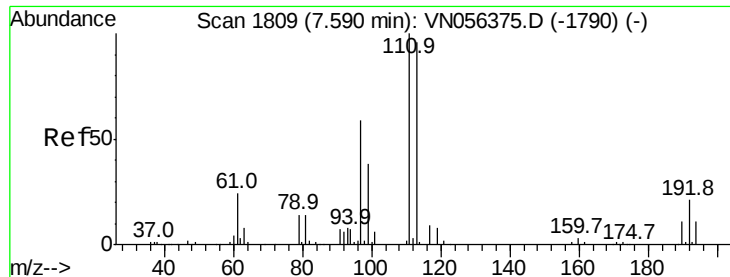
100000

0

8.50 8.60 8.70

Time-->





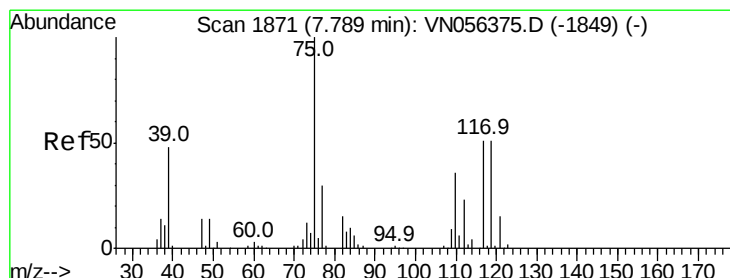
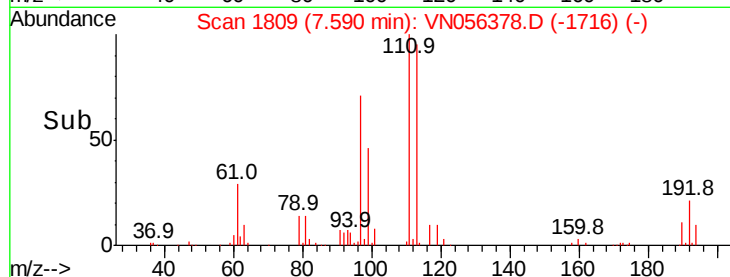
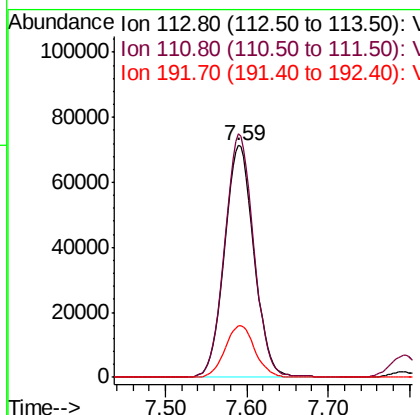
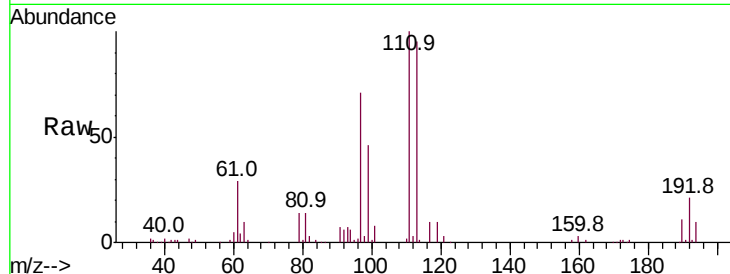
#35
 Dibromofluoromethane
 Concen: 49.135 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion	Ratio	Resp	Lower	Upper
113	100	181805		
111	103.3	82.9	124.3	
192	22.4	17.7	26.5	

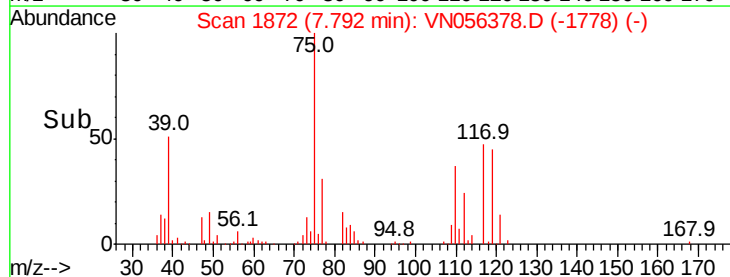
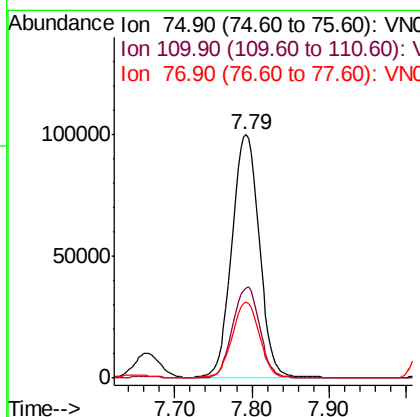
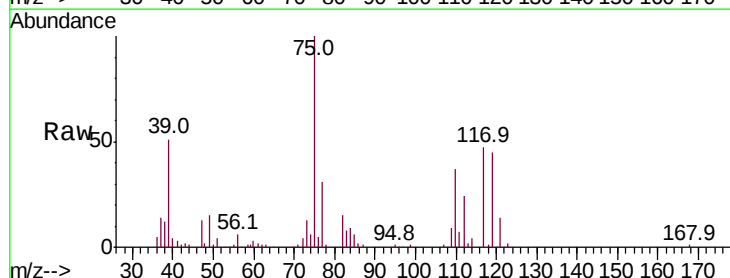
Manual Integrations
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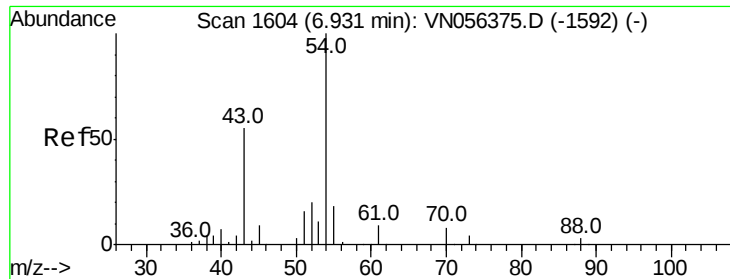
MMDadoda
 6/21/2019 10:52:15 PM



#36
 1,1-Dichloropropene
 Concen: 46.845 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	244559		
110	37.1	18.1	54.3	
77	31.3	24.6	36.8	





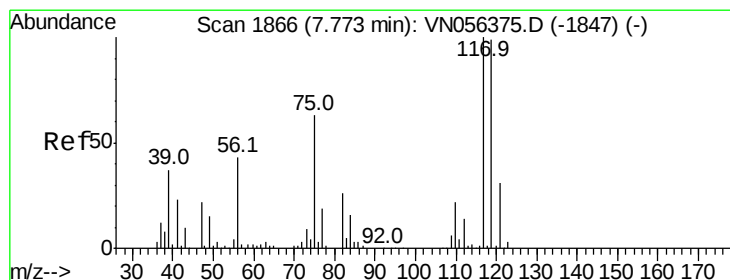
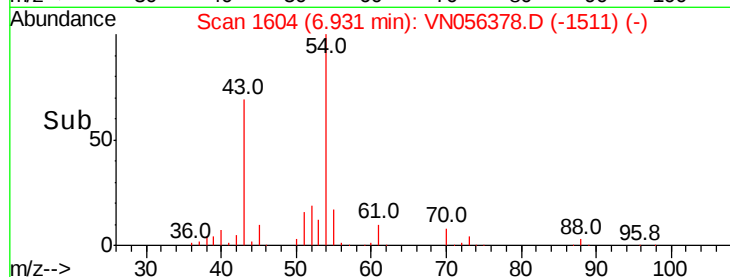
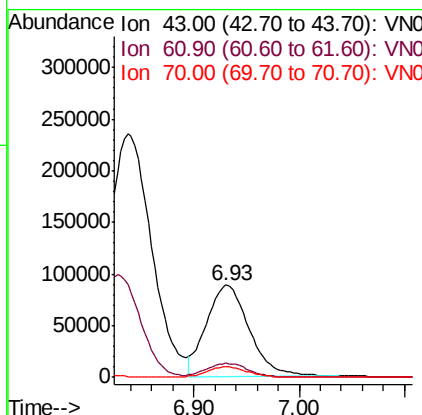
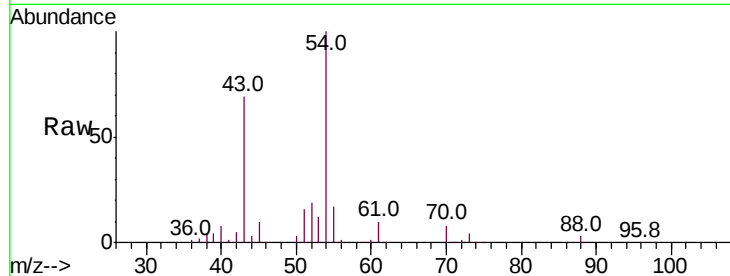
#37
Ethyl Acetate
Concen: 48.762 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.1	16.7
70	10.8	8.3	12.5

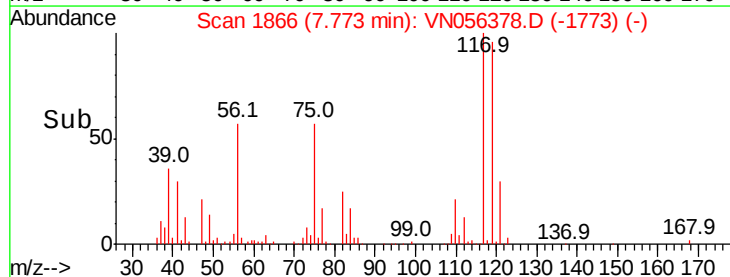
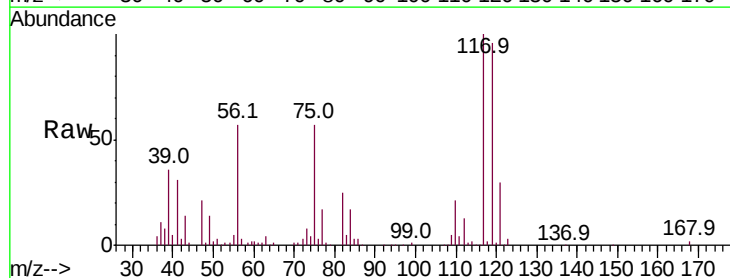
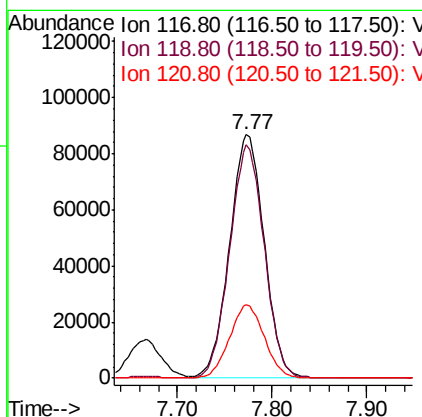
Manual Integrations
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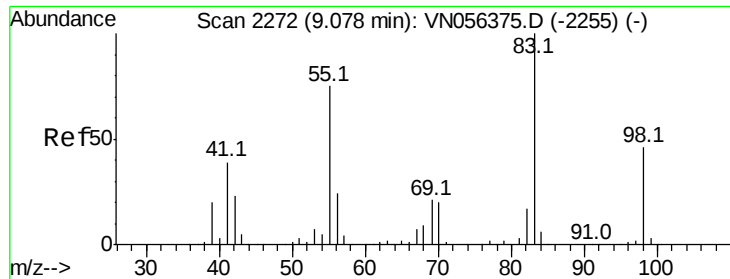
MMDadoda
6/21/2019 10:52:15 PM



#38
Carbon Tetrachloride
Concen: 48.477 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.1	118.7
121	30.4	24.8	37.2





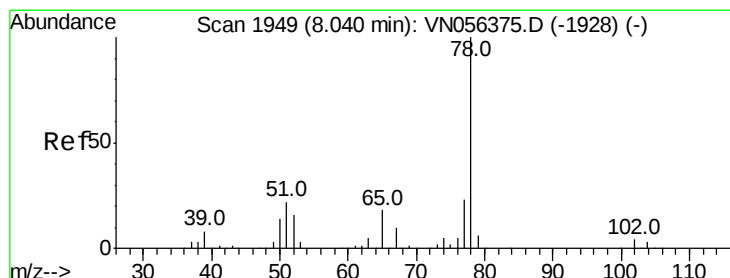
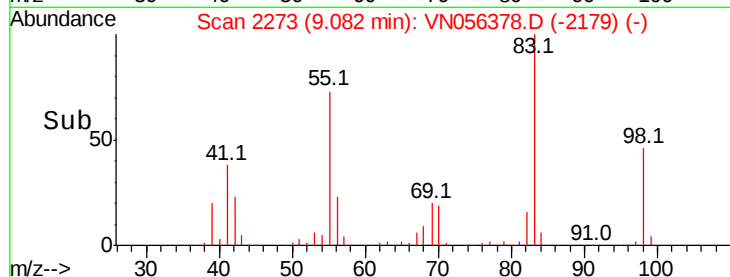
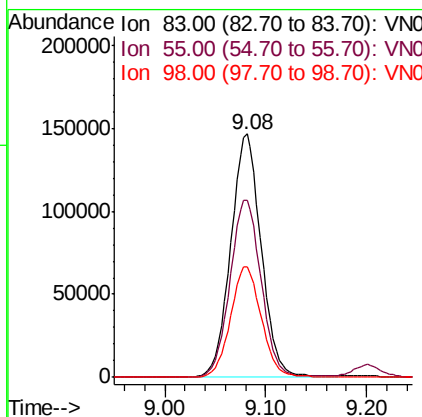
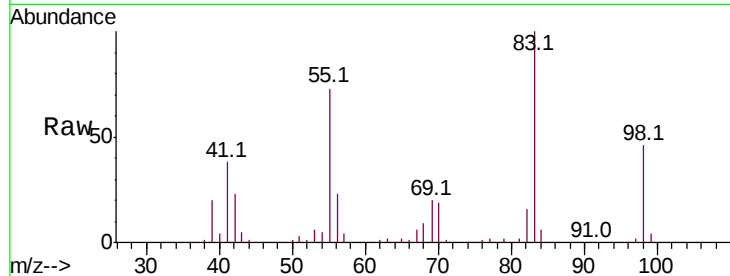
#39
Methvlcvclohexane
Concen: 47.770 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICV061919

Tot Ion:	83	Resp:	307721
Ion Ratio	Lower	Upper	
83	100		
55	72.8	60.0	90.0
98	45.5	36.6	54.8

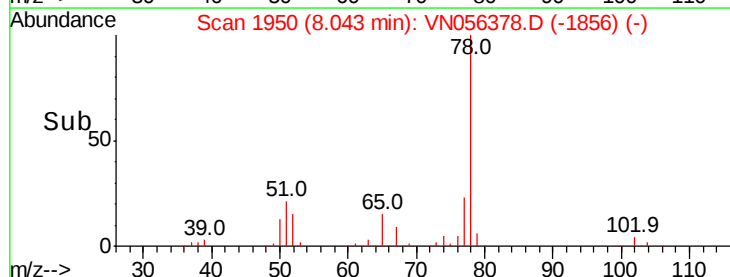
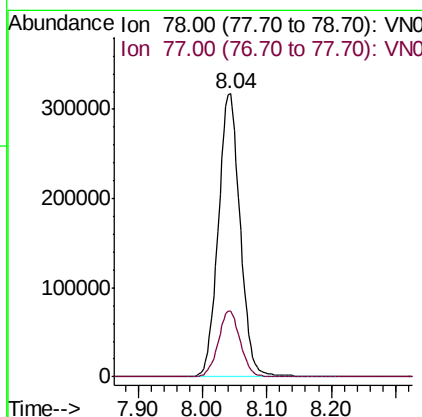
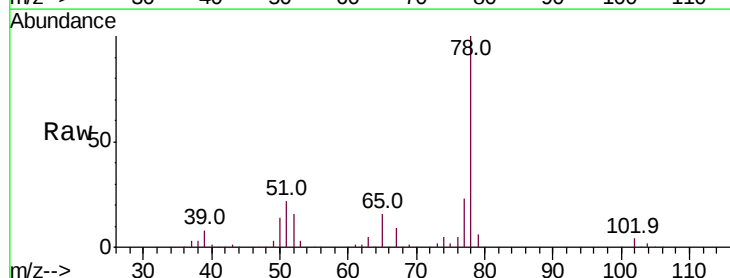
Manual Integrations
APPROVED

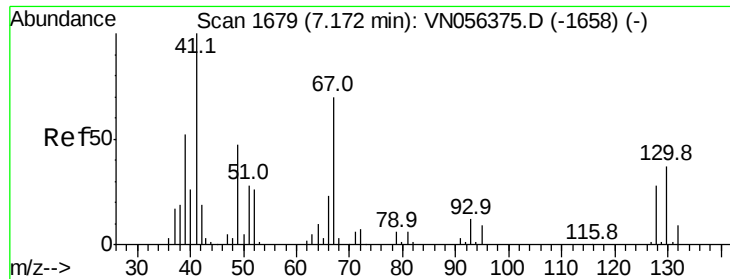
MMDadoda
6/21/2019 10:52:15 PM



#40
Benzene
Concen: 46.773 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:	78	Resp:	751105
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.3	27.5





#41

Methacrylonitrile

Concen: 49.266 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion: 41 Resp: 111611
Ion Ratio Lower Upper

41 100

39 48.2 55.3 82.9#

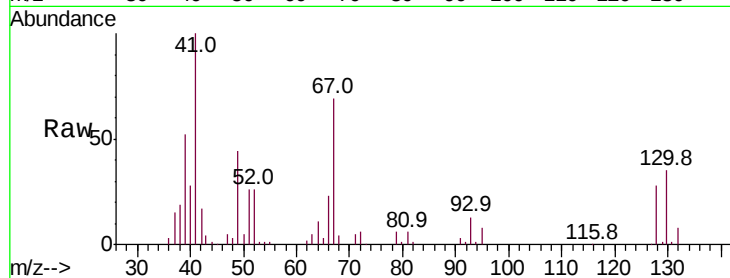
67 92.1 79.2 118.8

52 35.8 31.4 47.0

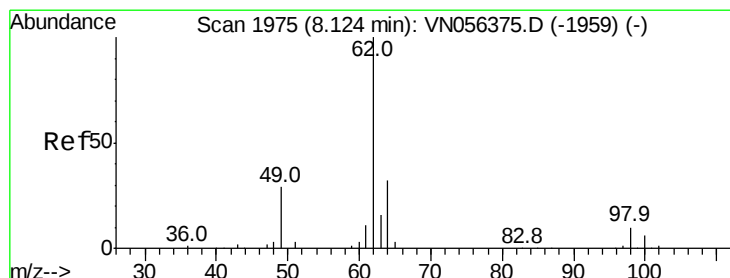
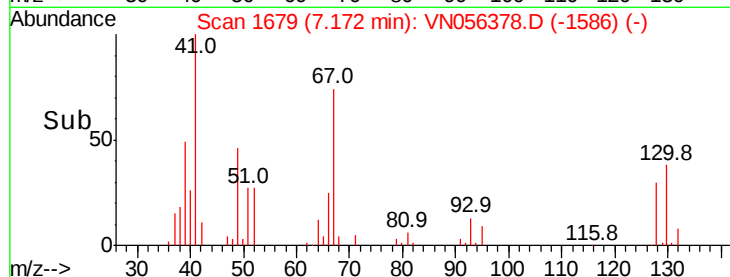
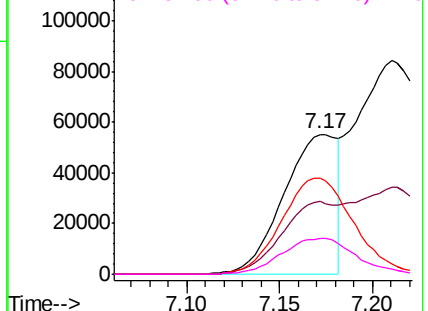
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 45.926 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

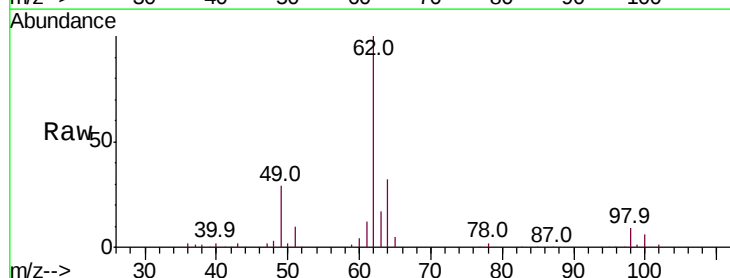
Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

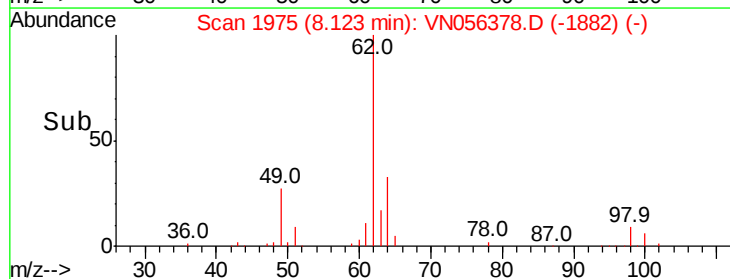
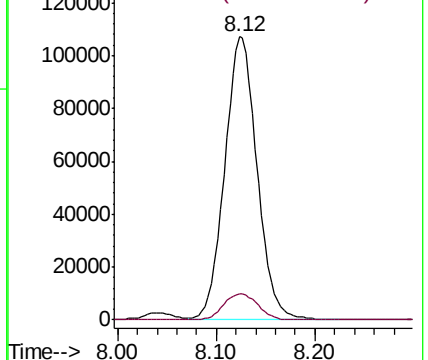
Tgt Ion: 62 Resp: 243387
Ion Ratio Lower Upper

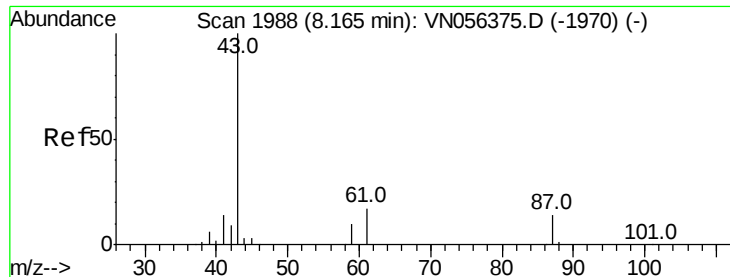
62 100

98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 49.509 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

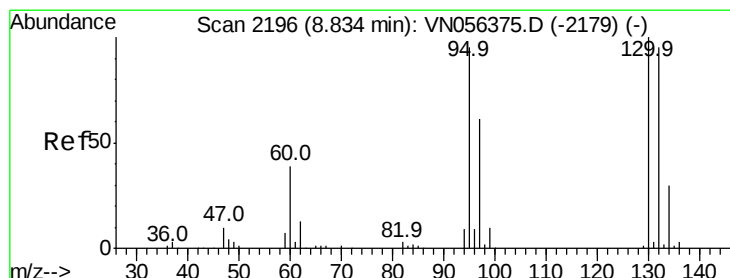
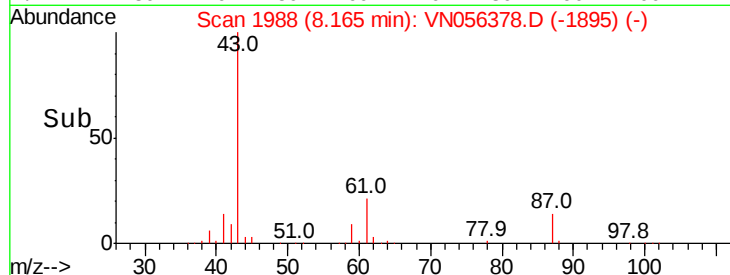
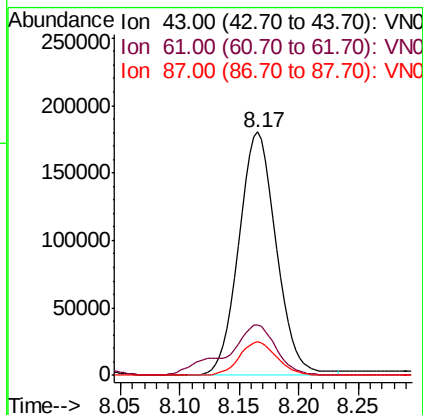
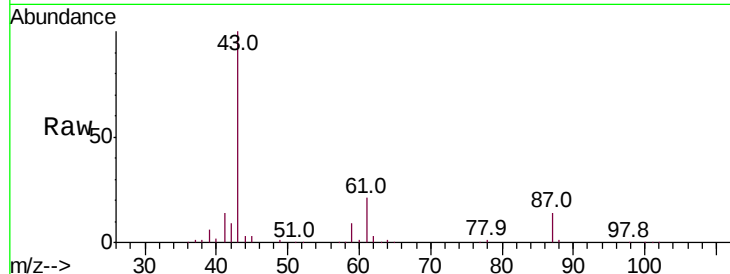
ClientSampleId :

ICVVN061919

Tot Ion:	43	Resp:	391669
Ion Ratio	Lower	Upper	
43	100		
61	21.1	22.0	33.0#
87	13.9	11.0	16.4

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#44

Trichloroethene

Concen: 47.229 ug/l

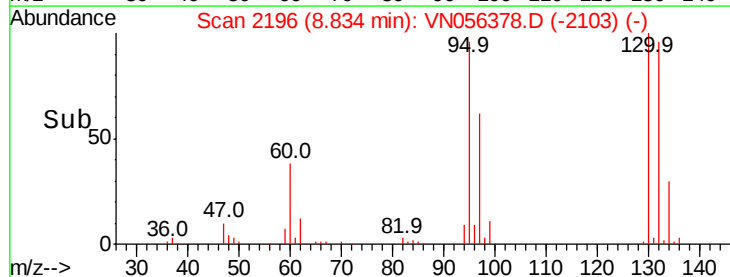
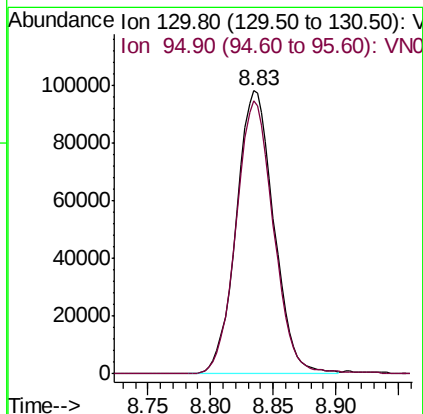
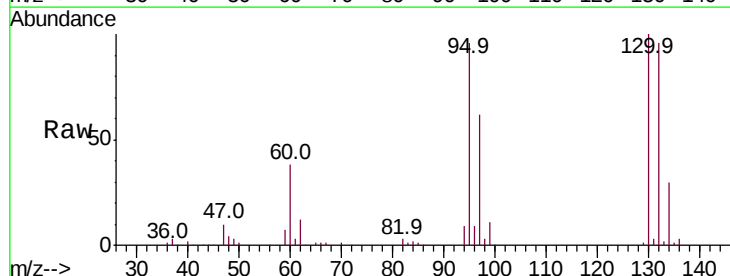
RT: 8.83 min Scan# 2196

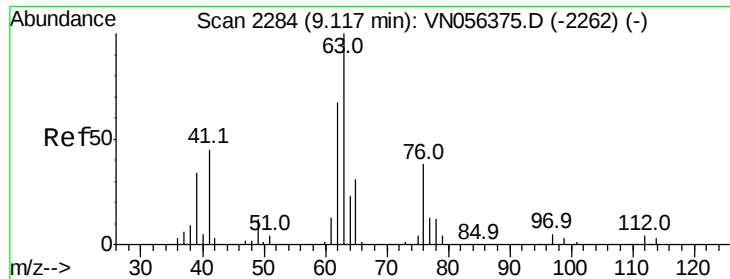
Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	130	Resp:	204301
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	191.0





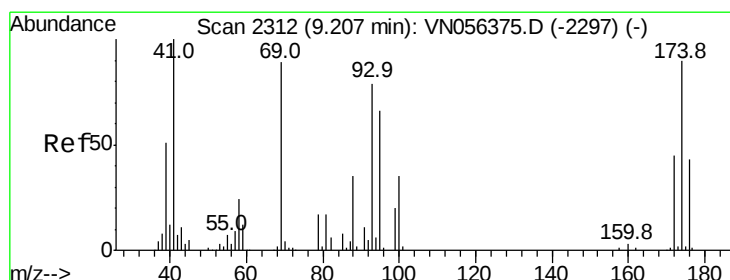
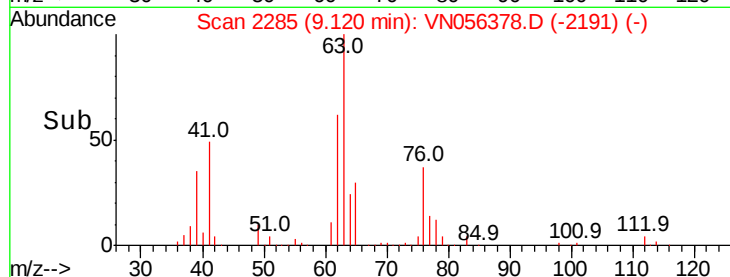
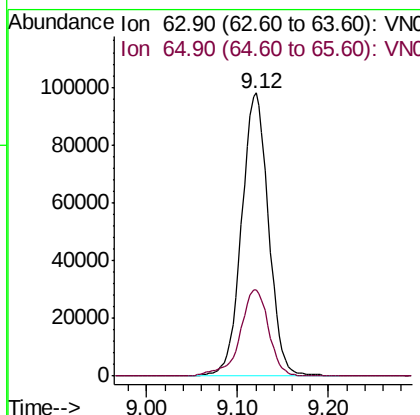
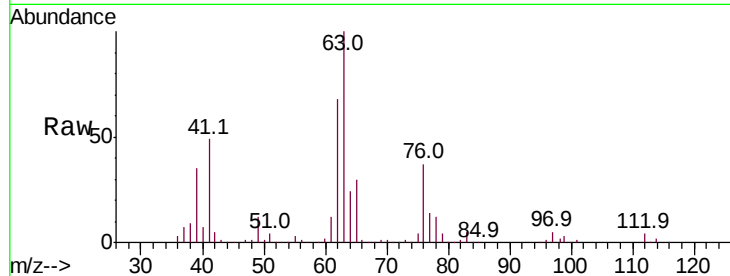
#45
 1,2-Dichloropropane
 Concen: 46.993 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

Tot Ion: 63 Resp: 201817
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6

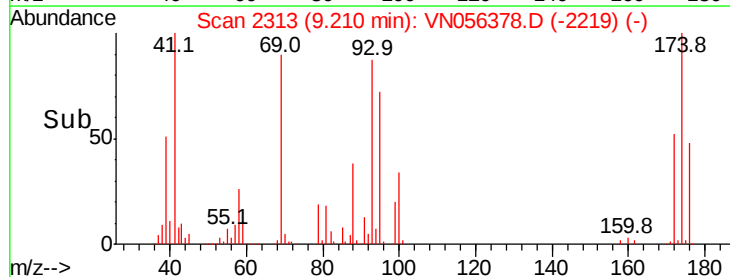
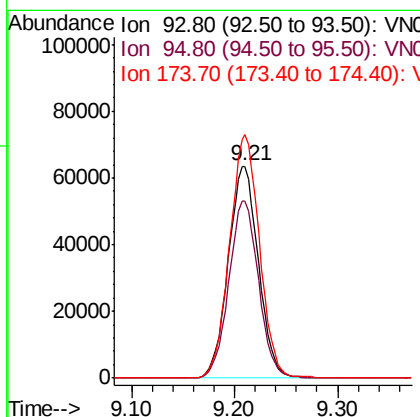
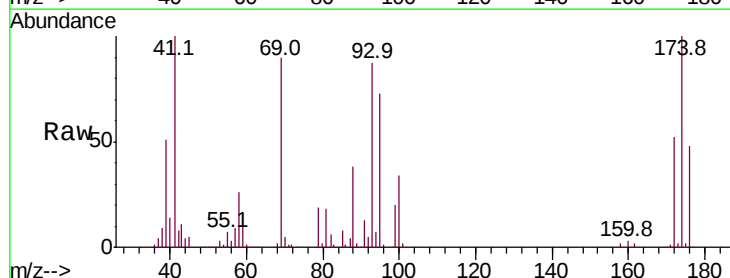
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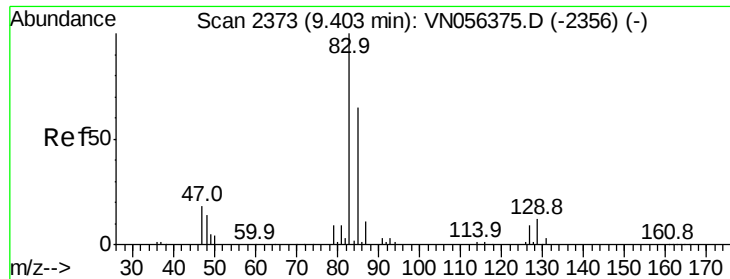
MMDadoda
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#46
 Dibromomethane
 Concen: 48.073 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion: 93 Resp: 129167
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.2
 174 114.0 90.8 136.2





#47

Bromodichloromethane

Concen: 49.653 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

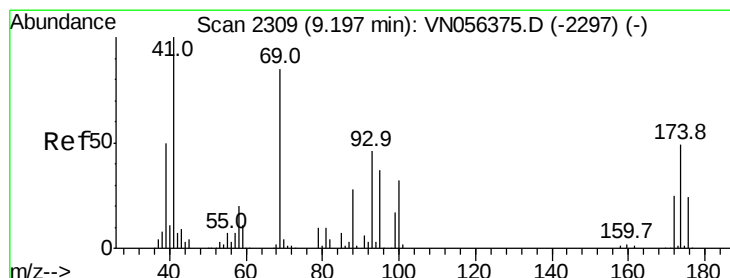
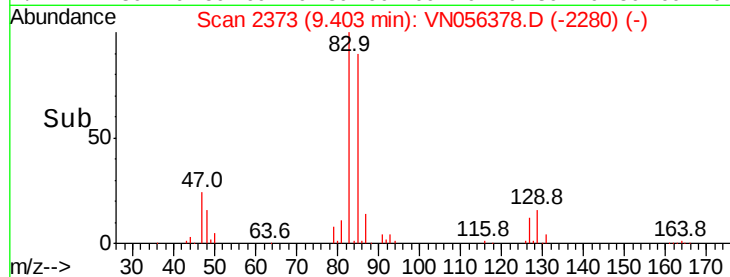
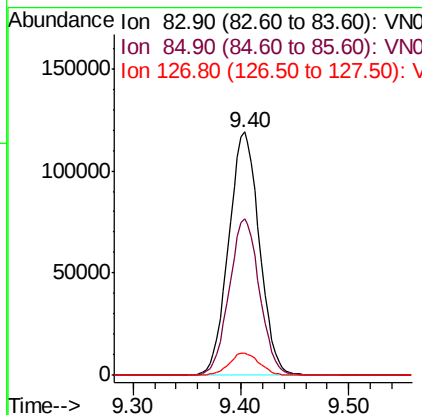
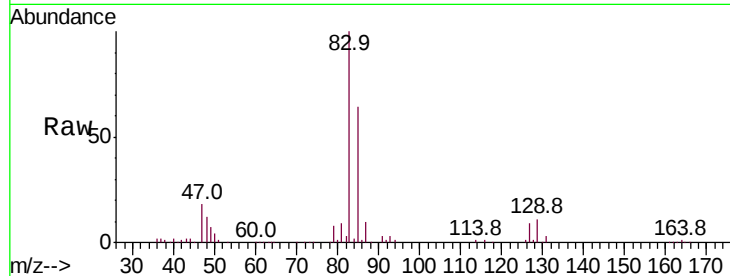
ClientSampleId :

ICVVN061919

Tot Ion:	83	Resp:	236614
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.2	78.4
127	8.9	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.351 ug/l

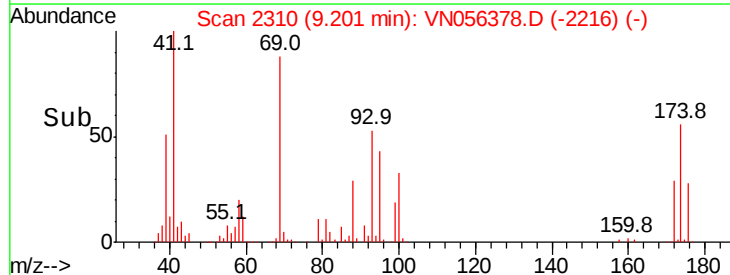
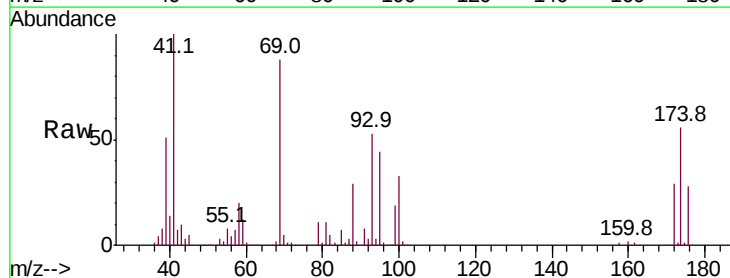
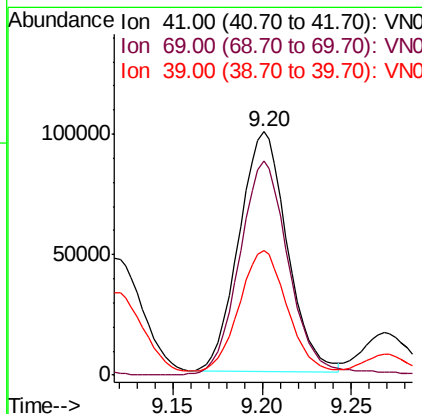
RT: 9.20 min Scan# 2310

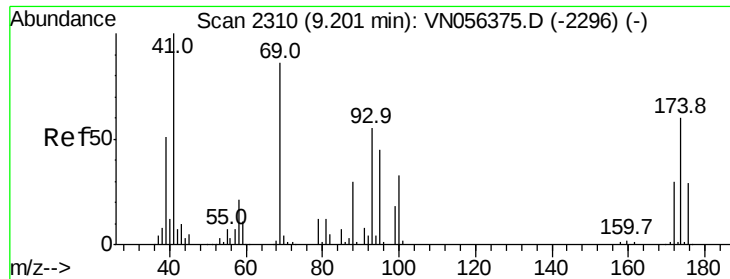
Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	41	Resp:	187717
Ion Ratio	Lower	Upper	
41	100		
69	91.1	72.6	109.0
39	53.3	42.6	63.8





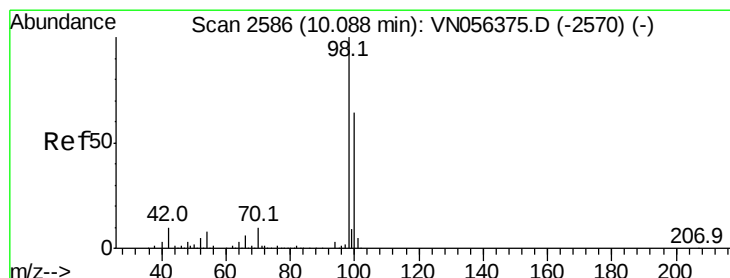
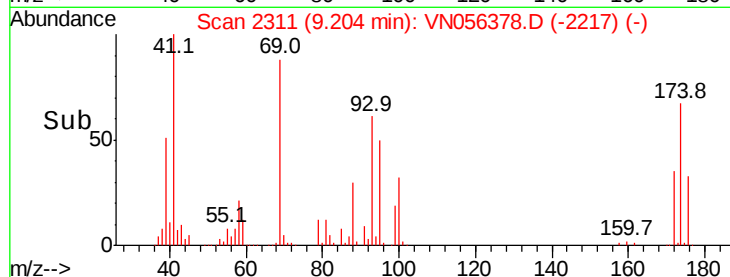
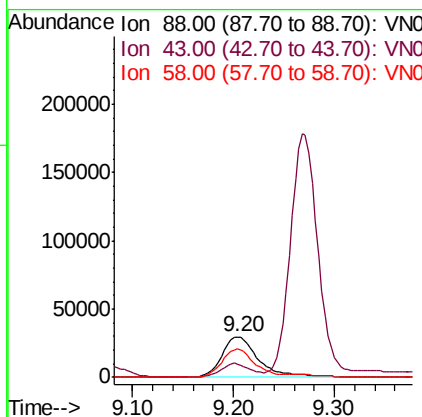
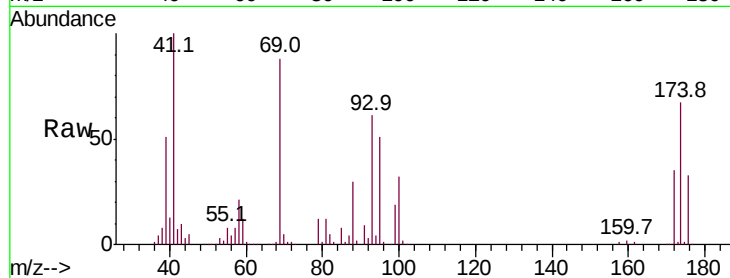
#49
 1,4-Dioxane
 Concen: 917.353 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.8	22.0	33.0
58	64.4	51.8	77.8

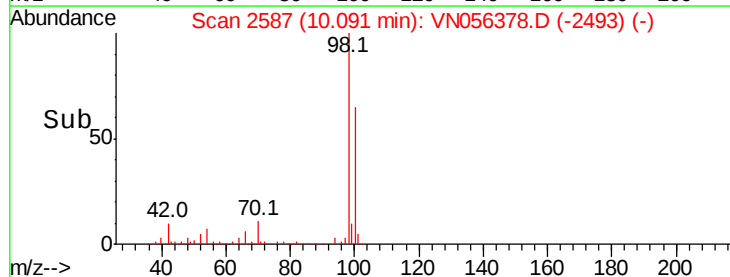
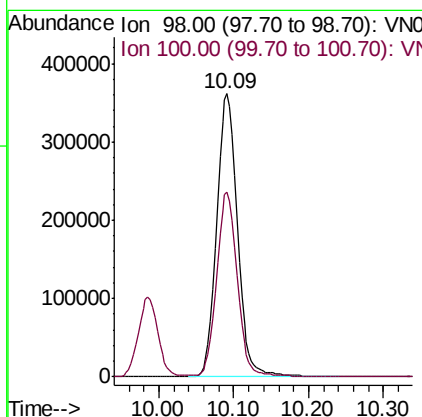
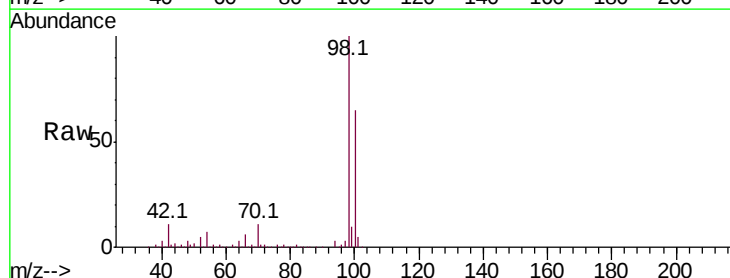
Manual Integrations
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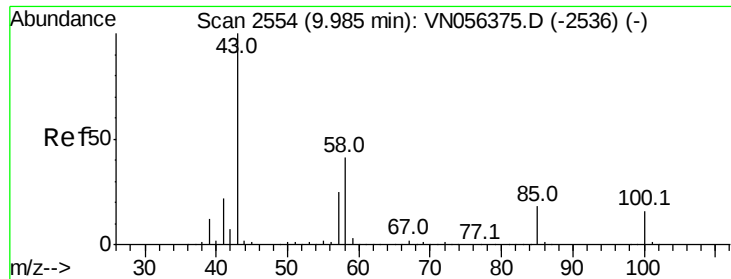
MMDadoda
 6/21/2019 10:52:15 PM



#50
 Toluene-d8
 Concen: 48.448 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





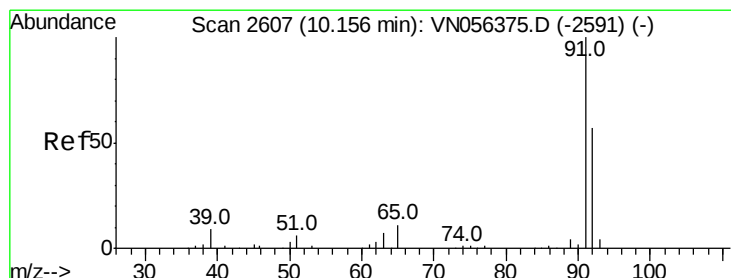
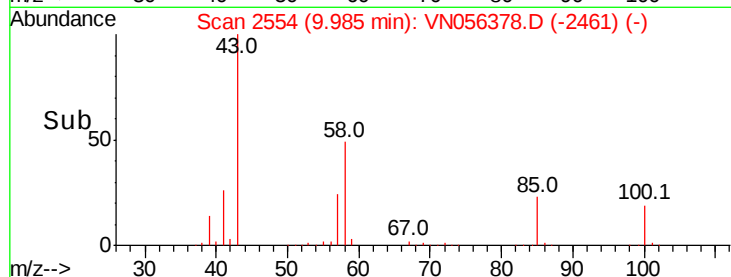
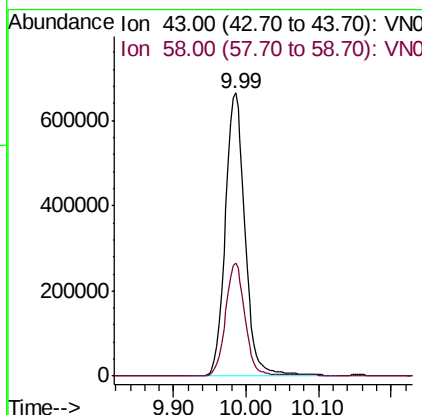
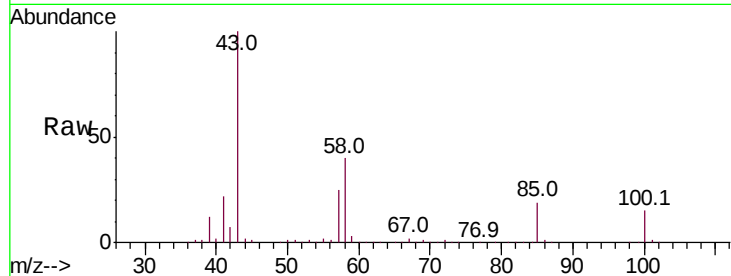
#51
4-Methyl-2-Pentanone
Concen: 245.547 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion: 43 Resp: 1253774
Ion Ratio Lower Upper
43 100
58 39.5 31.8 47.8

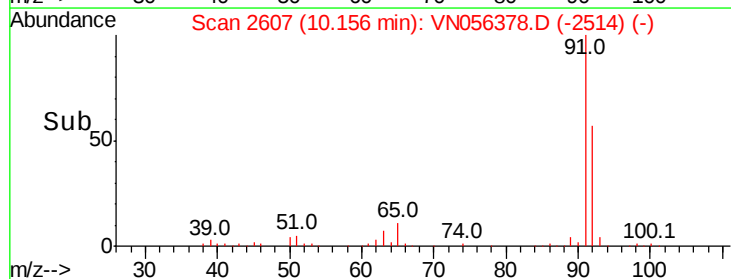
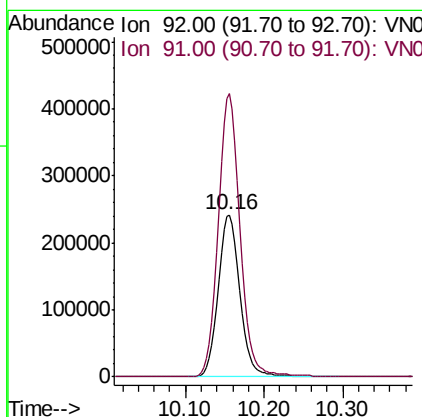
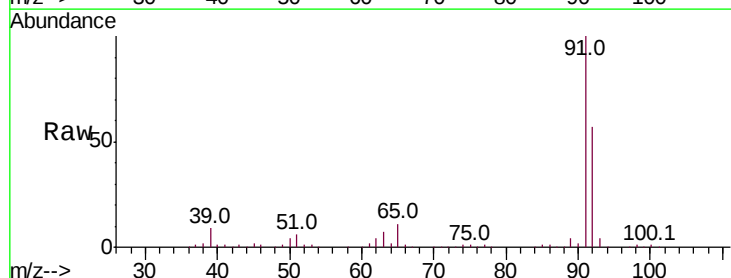
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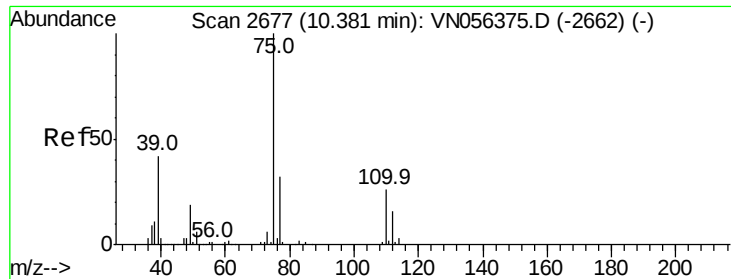
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#52
Toluene
Concen: 46.913 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 92 Resp: 460576
Ion Ratio Lower Upper
92 100
91 174.8 140.6 211.0





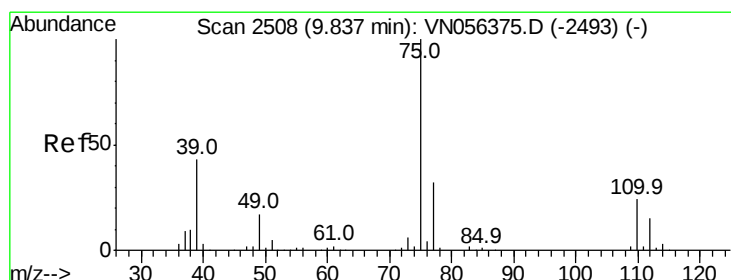
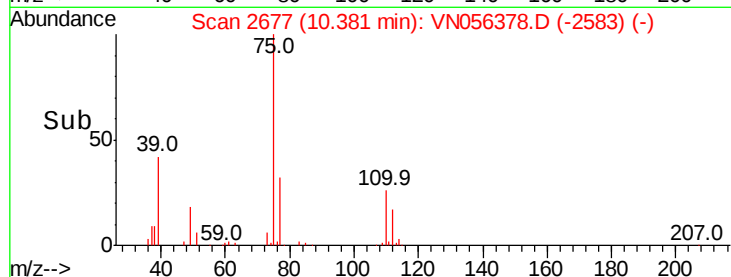
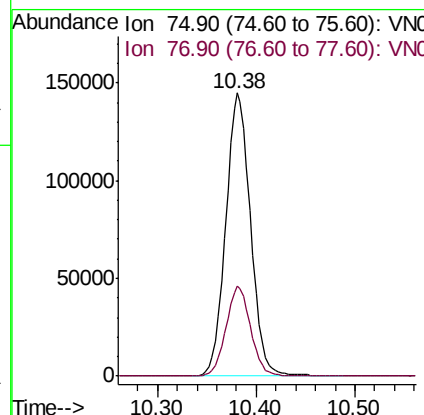
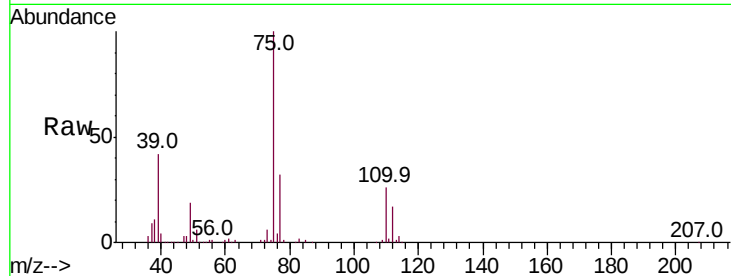
#53
t-1,3-Dichloropropene
Concen: 46.218 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

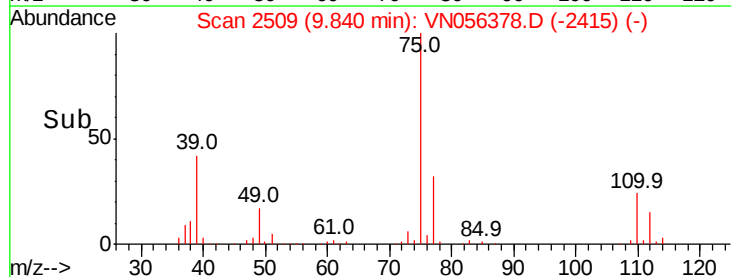
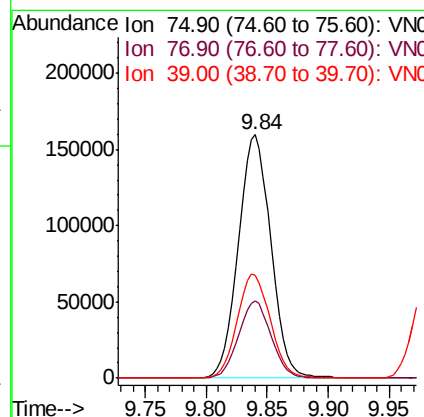
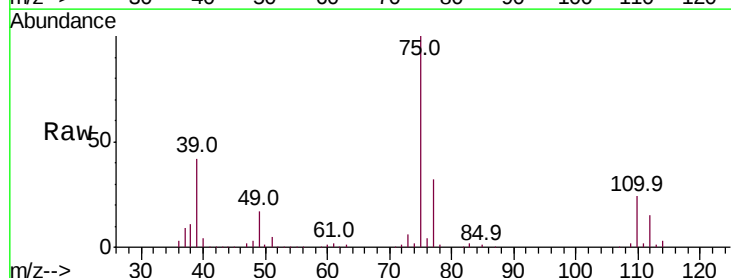
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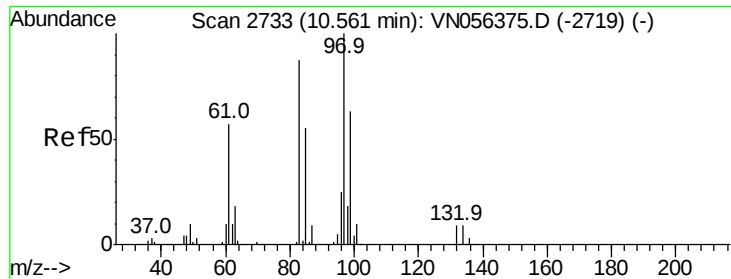
MMDadoda
6/21/2019 10:52:15 PM



#54
cis-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	42.3	34.2	51.4





#55

1,1,2-Trichloroethane

Concen: 47.744 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

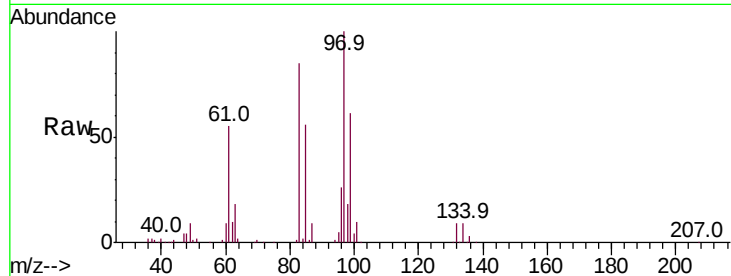
ClientSampleId :

ICVVN061919

Tot Ion:	97	Resp:	188414
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.6
85	55.5	43.8	65.8
99	60.7	50.2	75.2

Manual Integrations
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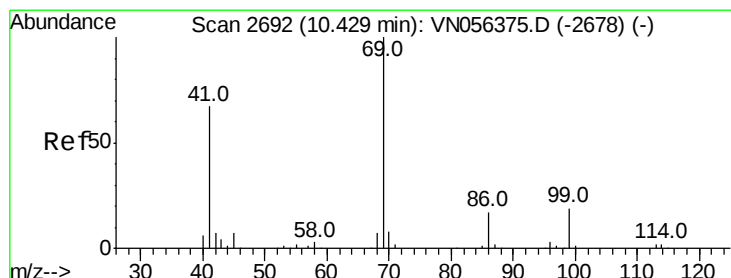
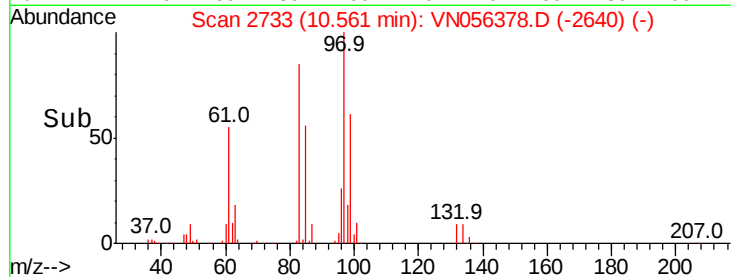
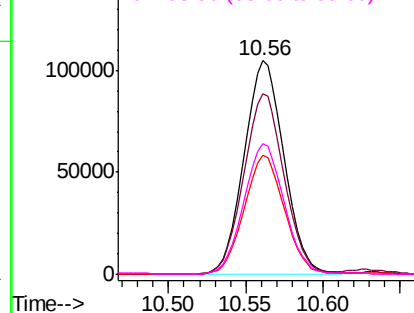
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.259 ug/l

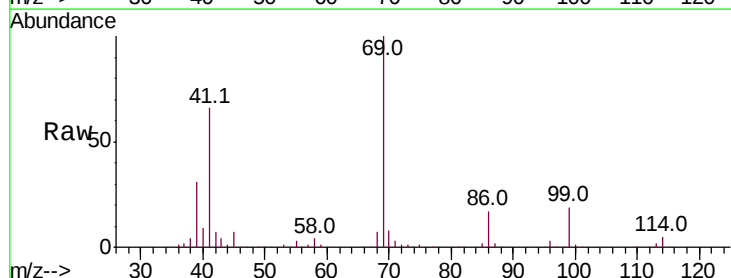
RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	69	Resp:	289854
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.4	77.2
39	30.0	24.7	37.1

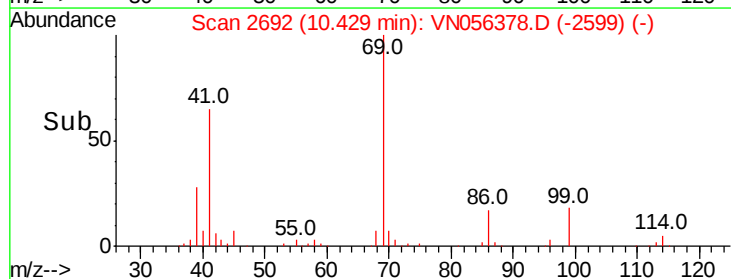
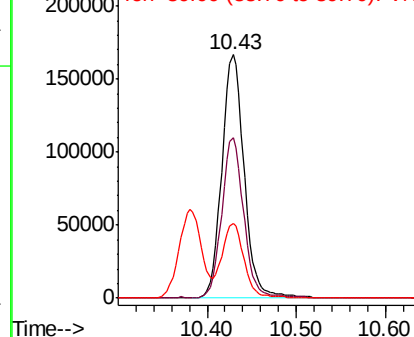


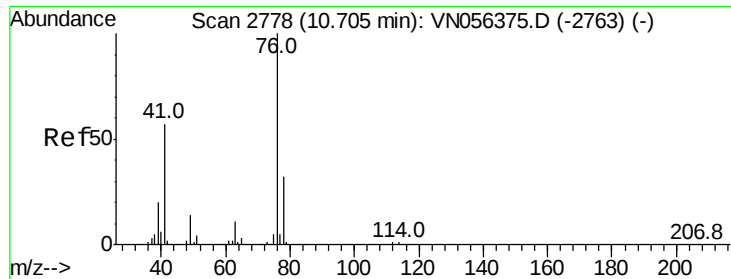
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.471 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion: 76 Resp: 314712

Ion Ratio Lower Upper

76 100

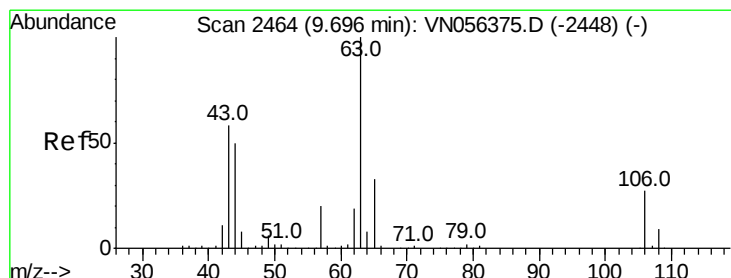
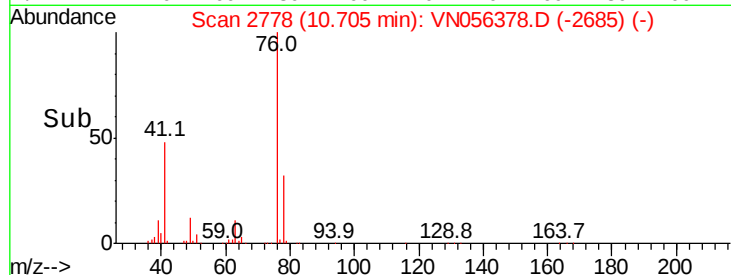
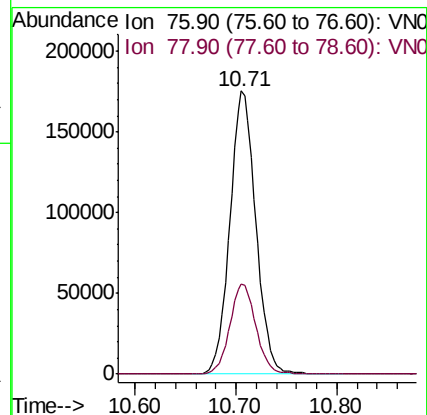
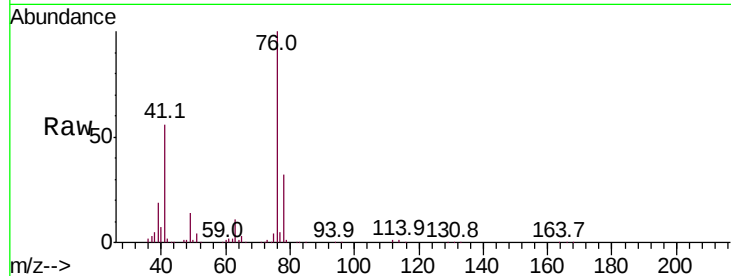
78 32.0 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 220.352 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN056378.D

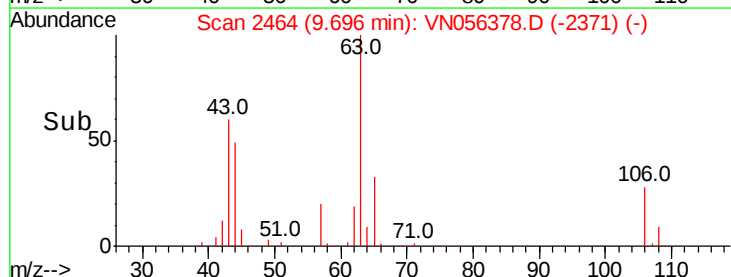
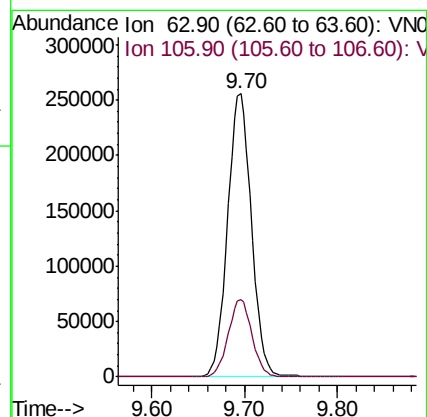
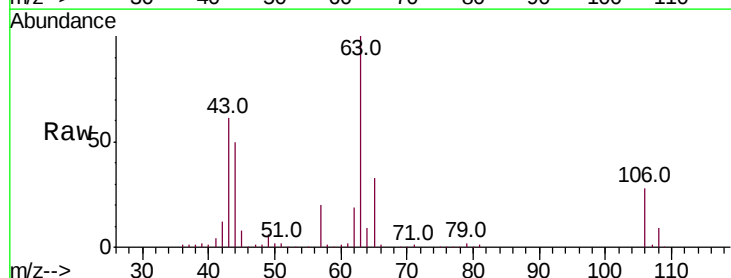
Acq: 19 Jun 2019 11:12

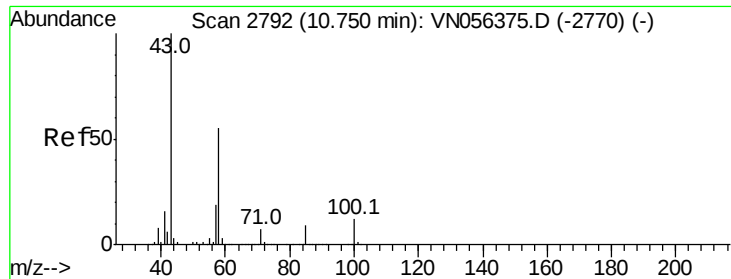
Tgt Ion: 63 Resp: 456547

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





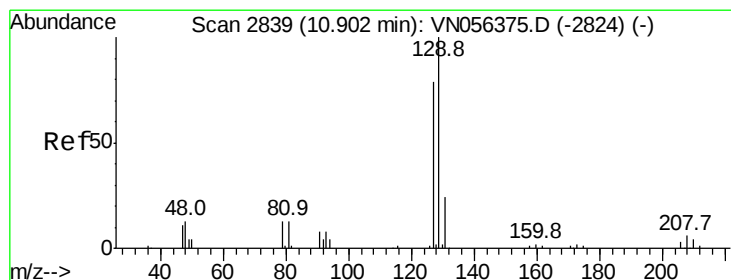
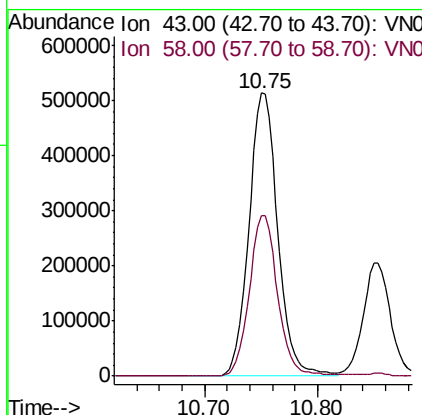
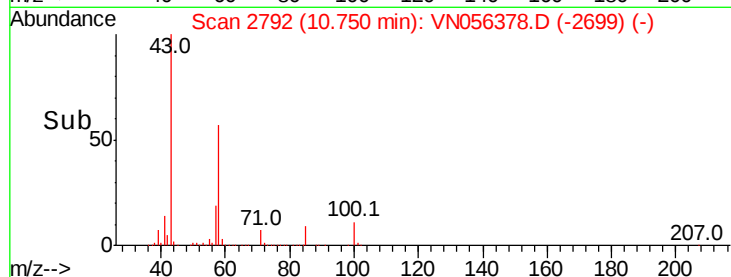
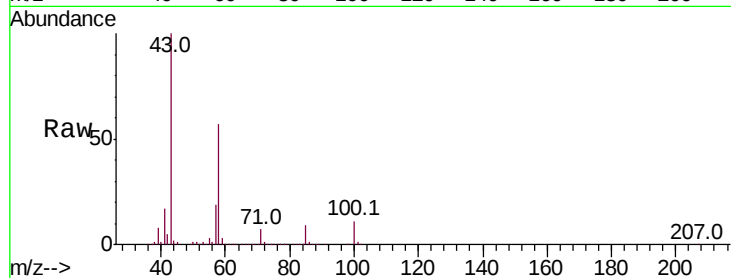
#59
2-Hexanone
Concen: 241.715 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	27.8	83.4

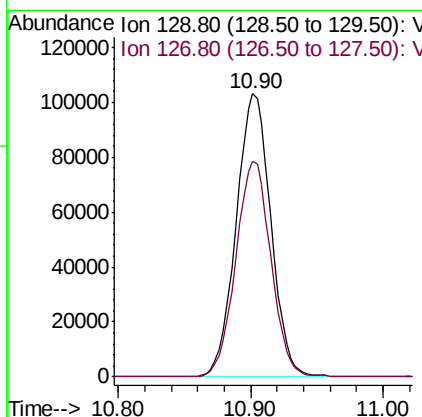
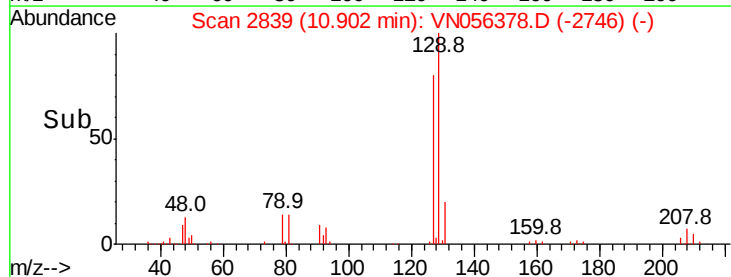
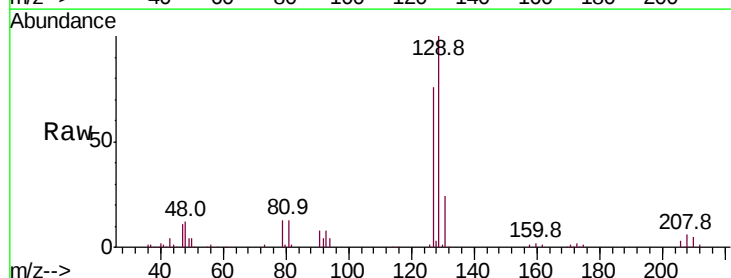
Manual Integrations
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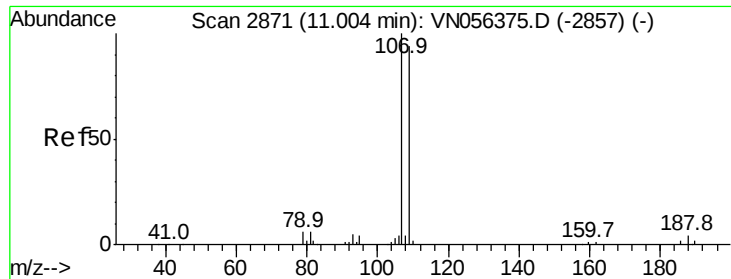
MMDadoda
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#60
Dibromochloromethane
Concen: 46.307 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





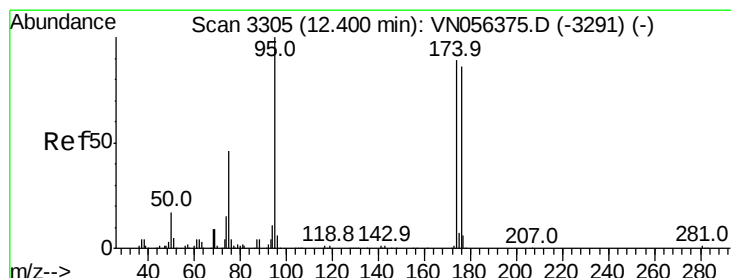
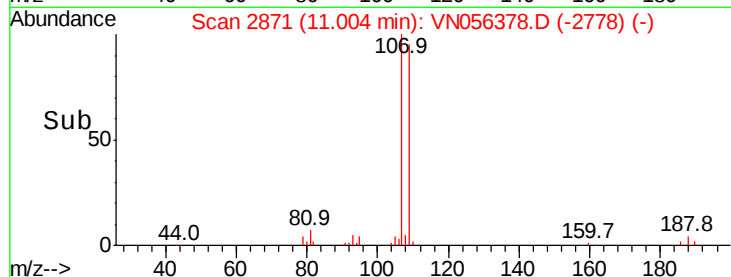
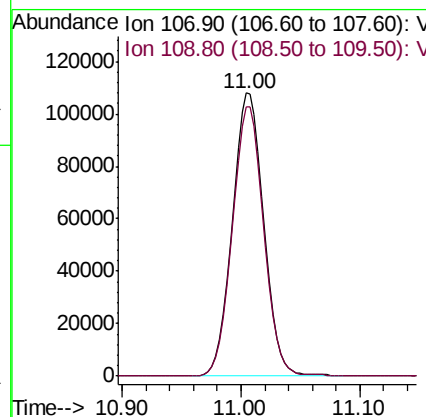
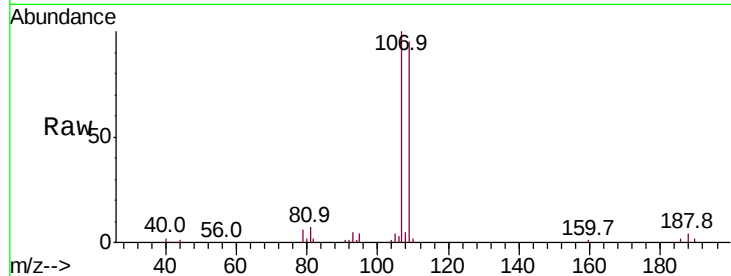
#61
 1,2-Dibromoethane
 Concen: 48.761 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.3	112.9

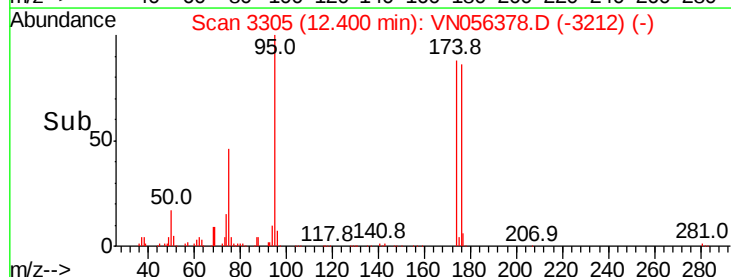
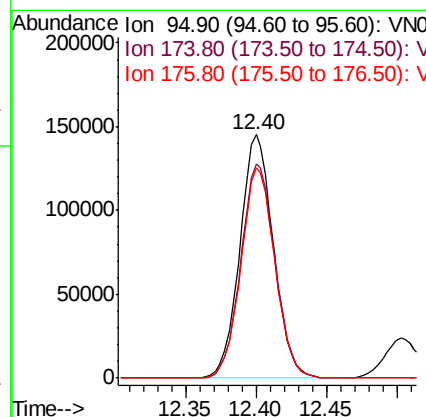
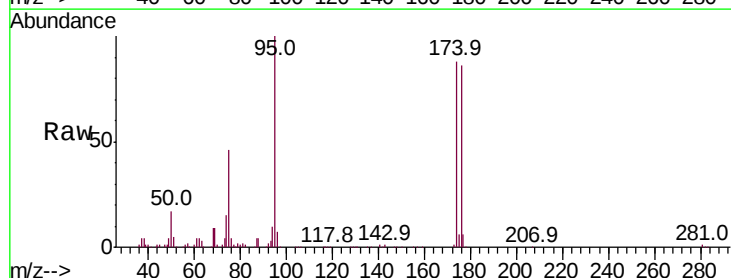
Manual Integrations
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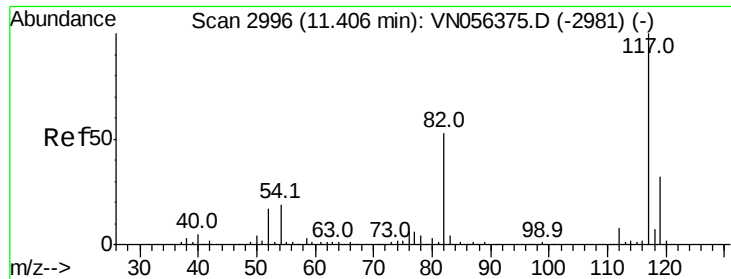
MMDadoda
 6/21/2019 10:52:15 PM



#62
 4-Bromofluorobenzene
 Concen: 50.254 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	179.4
176	87.3	0.0	173.4





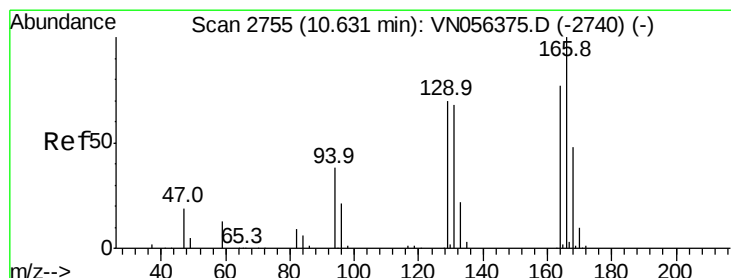
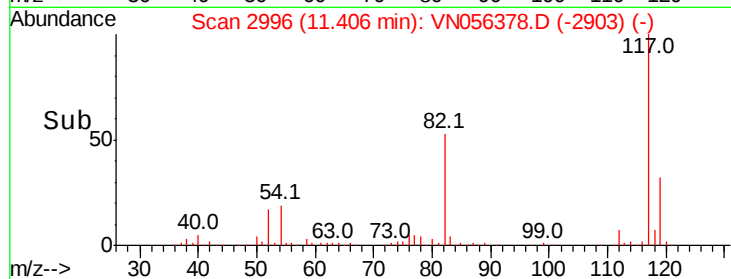
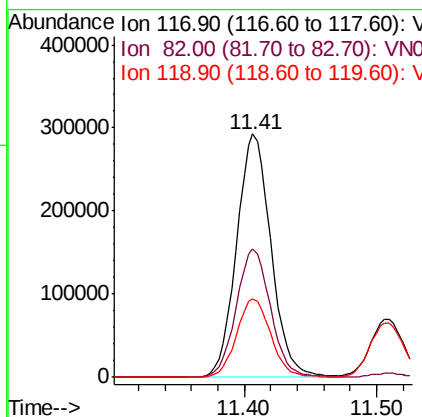
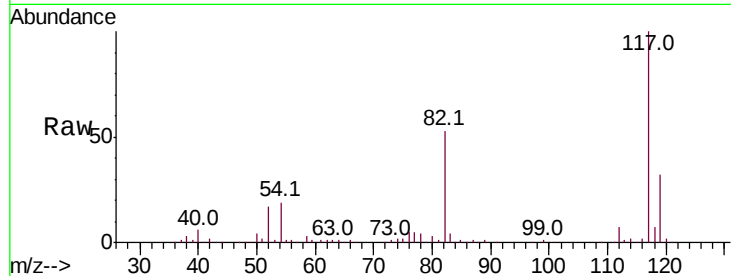
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.2	25.3	37.9

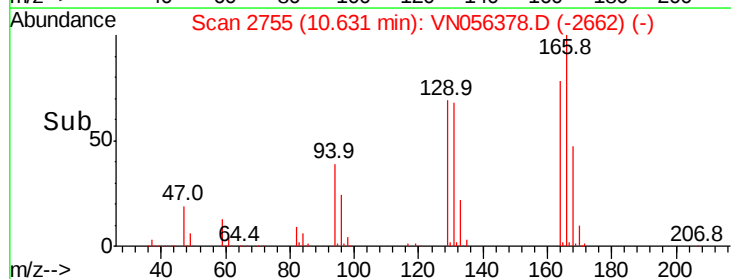
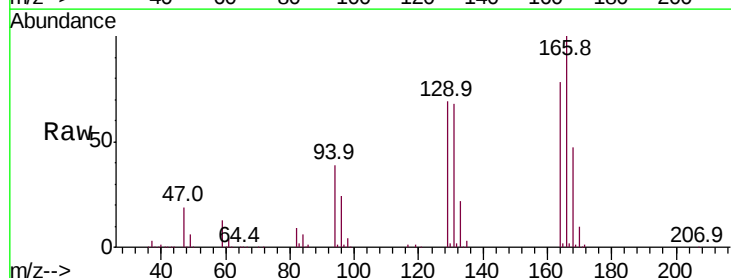
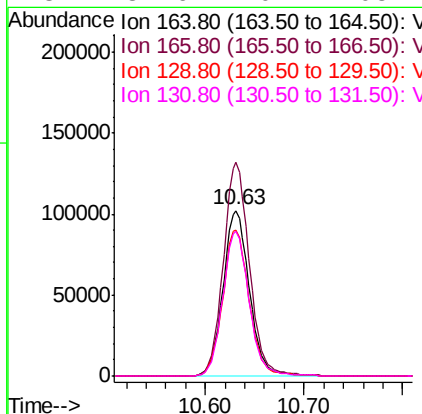
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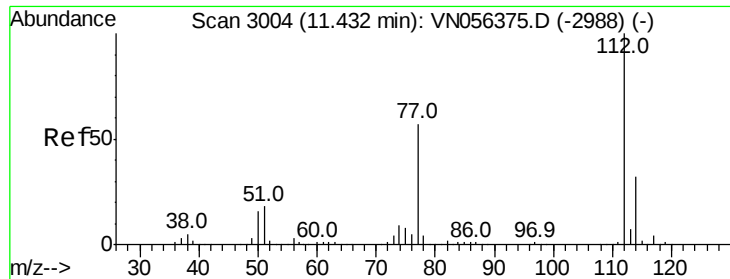
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#64
Tetrachloroethene
Concen: 45.684 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.4	155.0
129	88.4	72.0	108.0
131	87.6	70.2	105.2





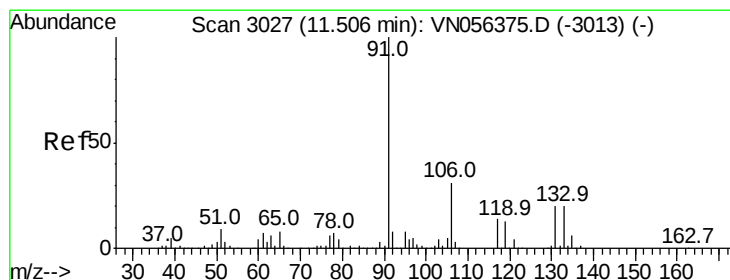
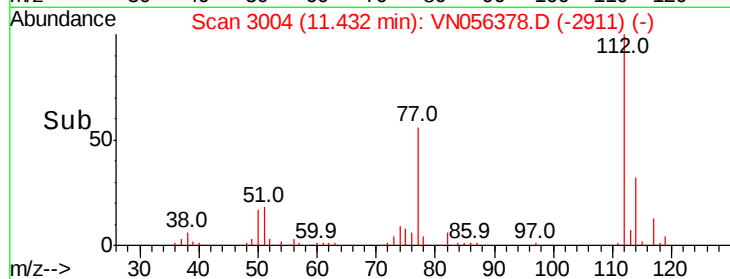
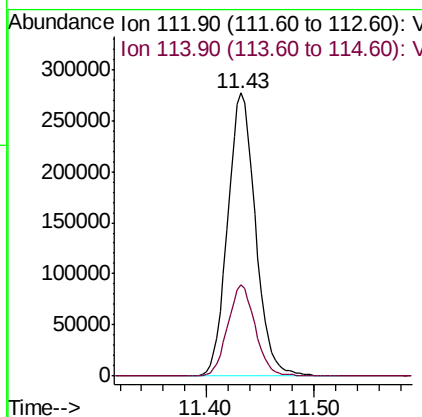
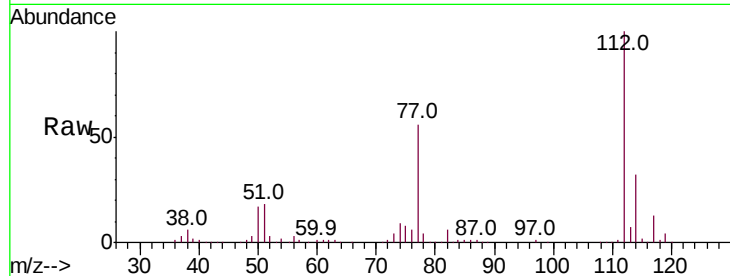
#65
Chlorobenzene
Concen: 47.056 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion:112 Resp: 498469
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

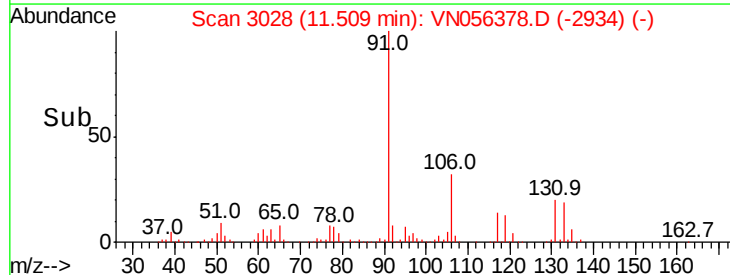
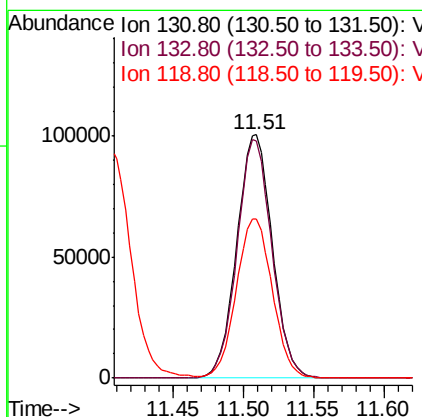
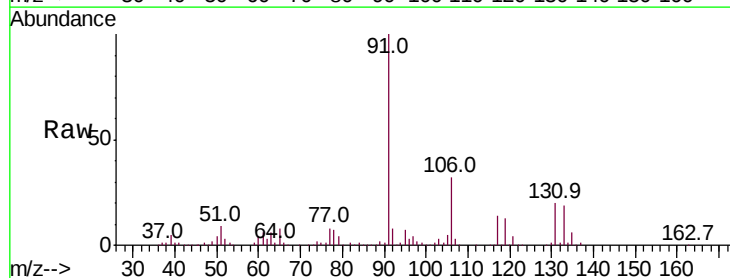
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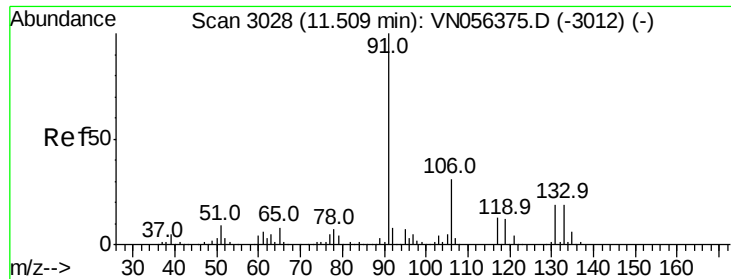
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.485 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:131 Resp: 177170
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 66.5 32.8 98.4





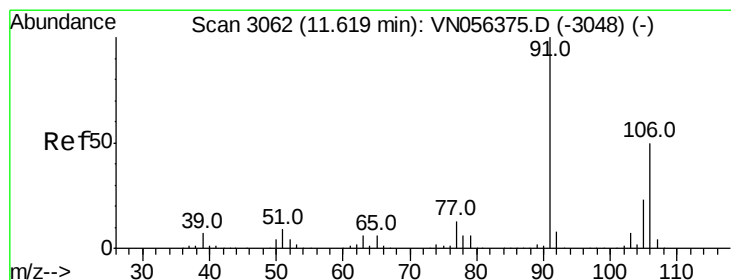
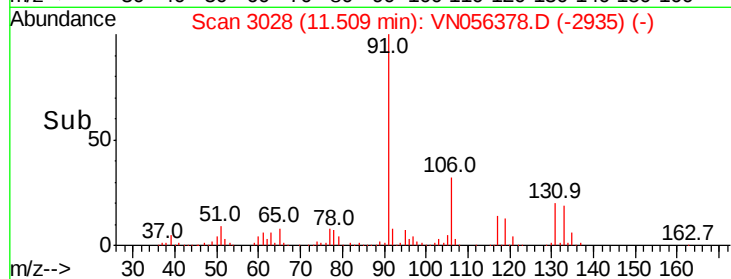
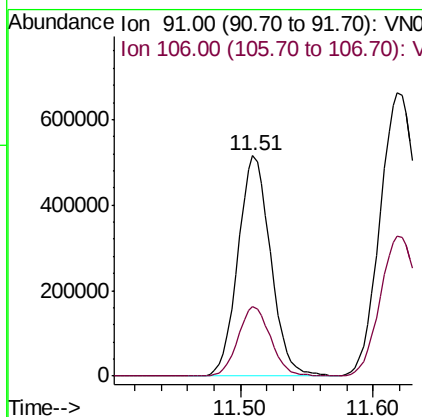
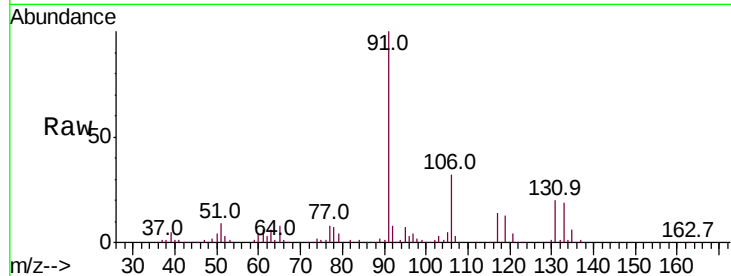
#67
Ethyl Benzene
Concen: 47.476 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion: 91 Resp: 883050
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

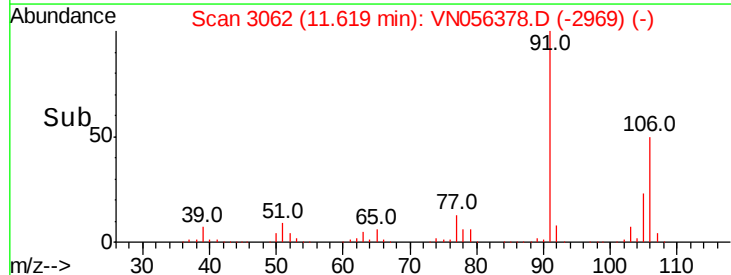
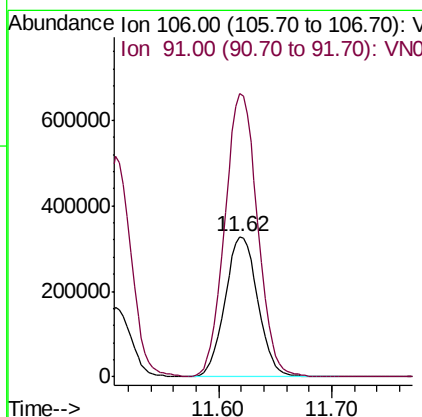
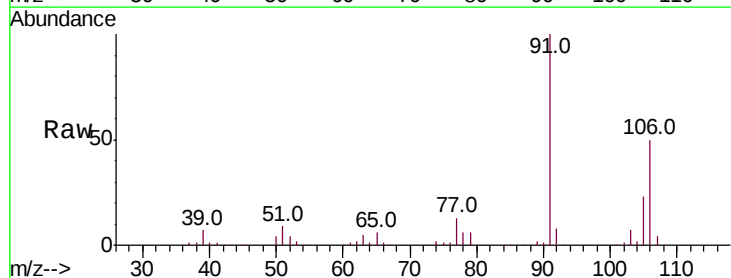
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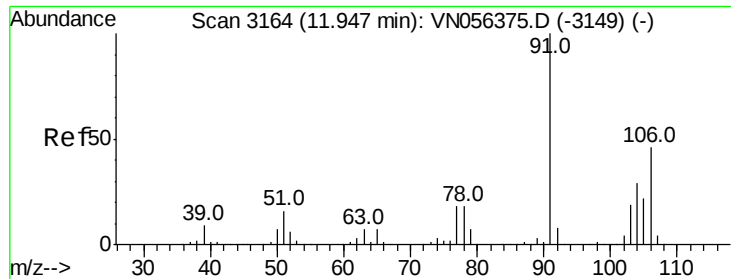
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#68
m/p-Xylenes
Concen: 96.991 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion: 106 Resp: 661145
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1





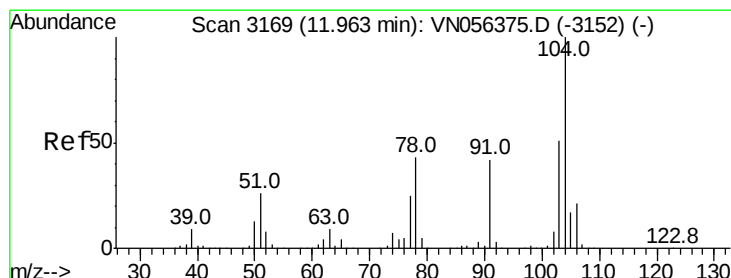
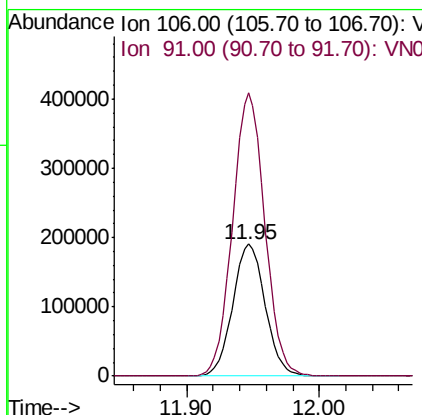
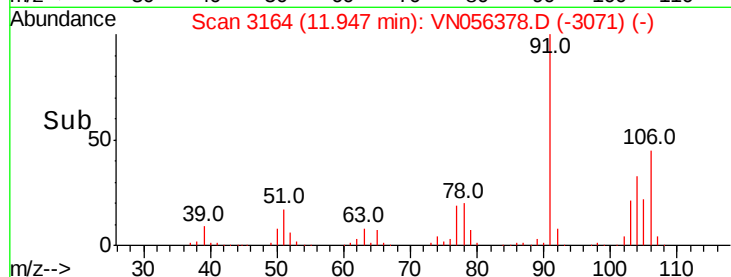
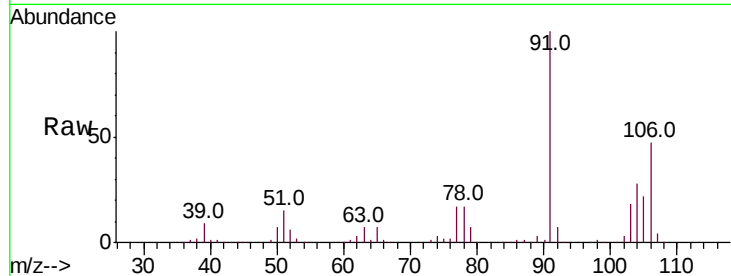
#69
o-Xylene
Concen: 48.110 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampled :
ICVVN061919

Tot Ion:106 Resp: 324444
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.3

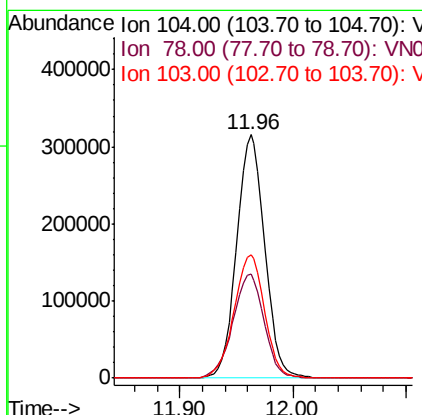
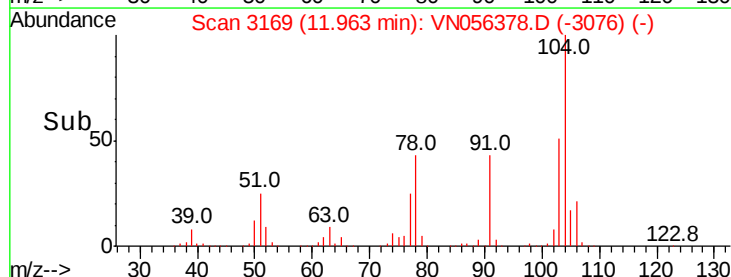
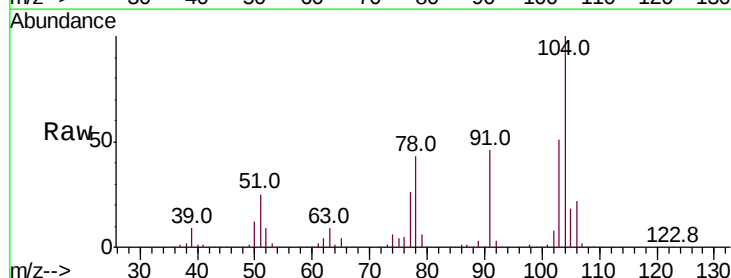
Manual Integrations
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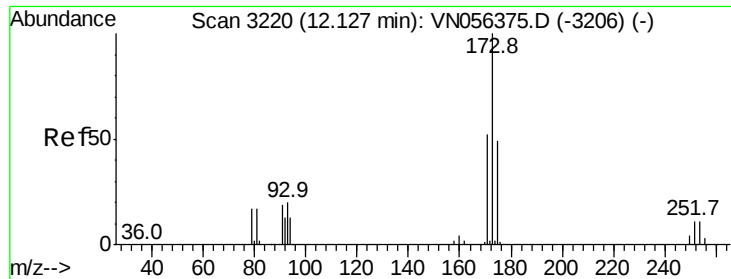
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#70
Styrene
Concen: 50.619 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion:104 Resp: 545644
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 55.3 43.9 65.9





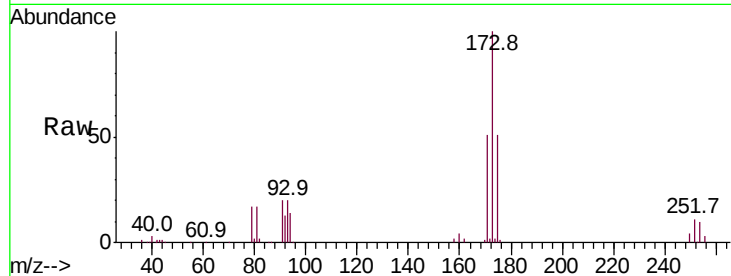
#71
Bromoform
Concen: 45.449 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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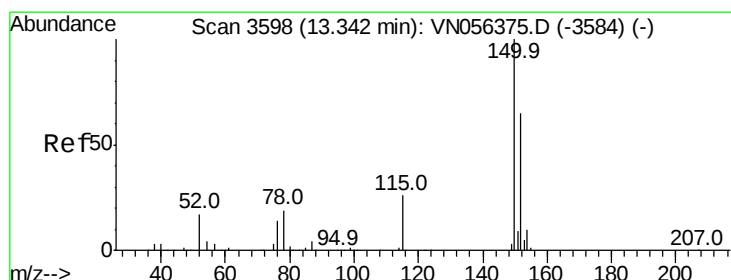
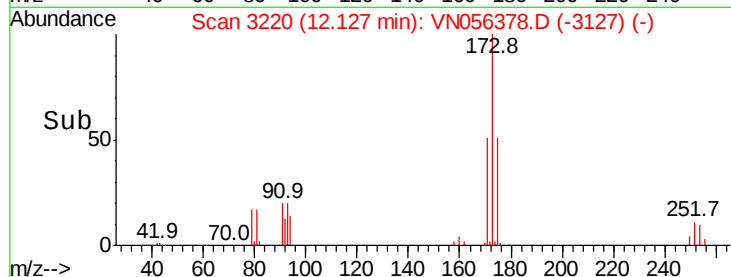
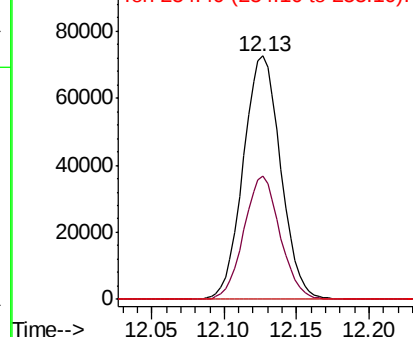


Abundance

Ion 172.70 (172.40 to 173.40): V

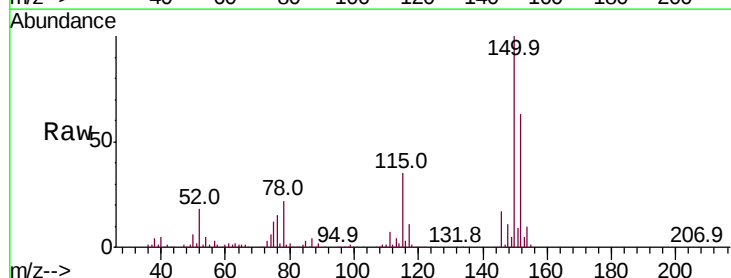
Ion 174.70 (174.40 to 175.40): V

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: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.1	84.4
150	173.4	0.0	348.4

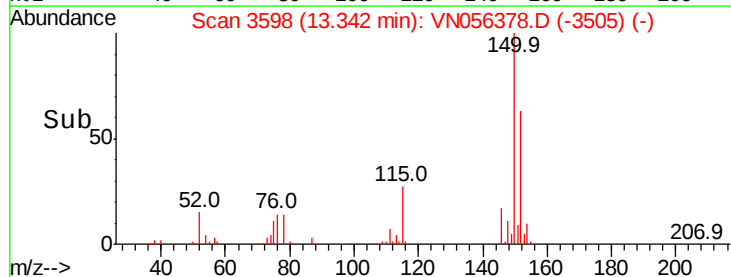
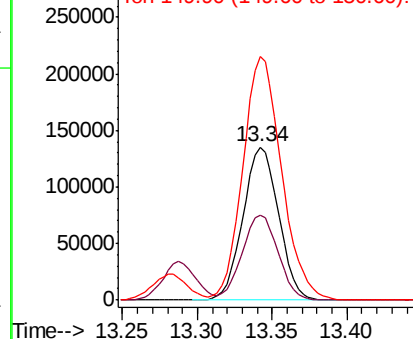


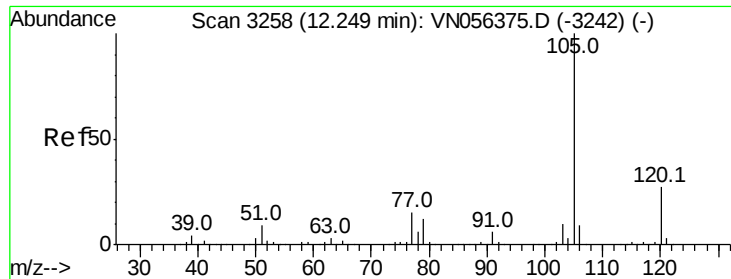
Abundance

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: 51.256 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion:105 Resp: 860698

Ion Ratio Lower Upper

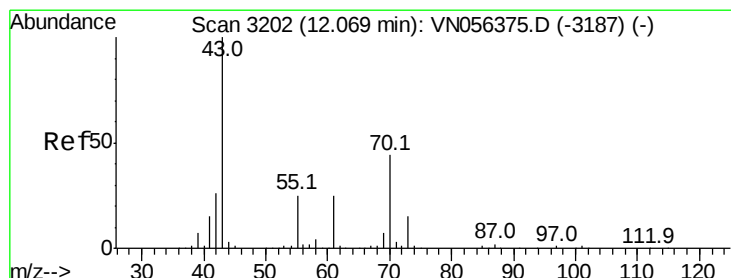
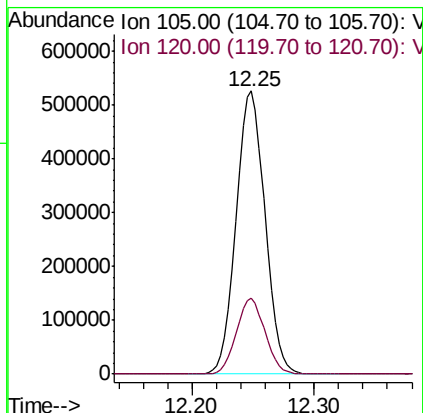
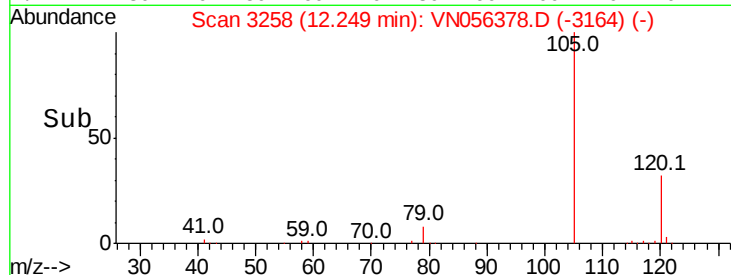
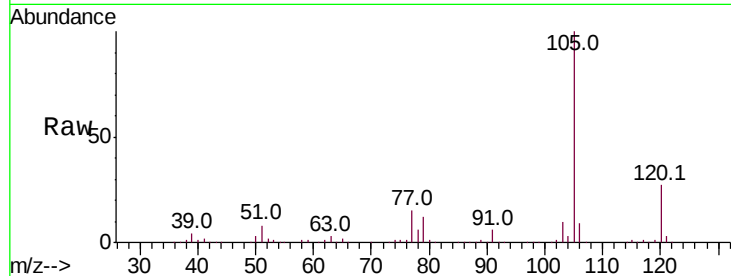
105 100

120 26.7 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 46.065 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion: 43 Resp: 328195

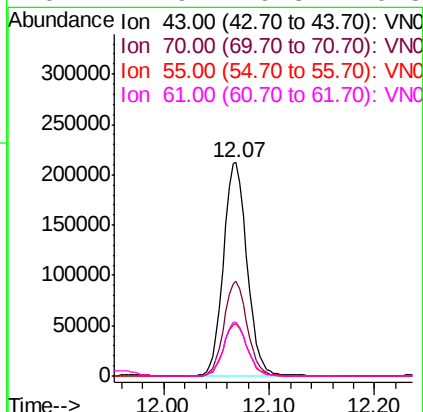
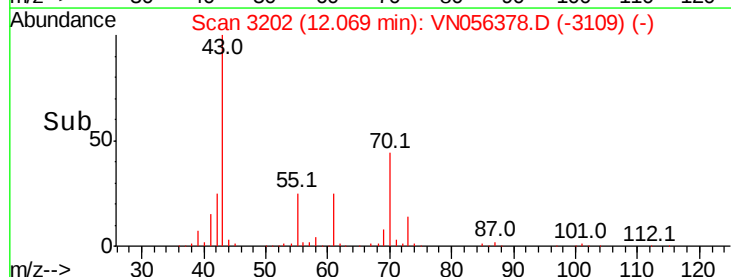
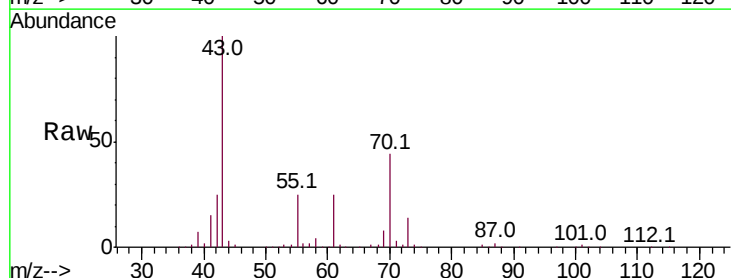
Ion Ratio Lower Upper

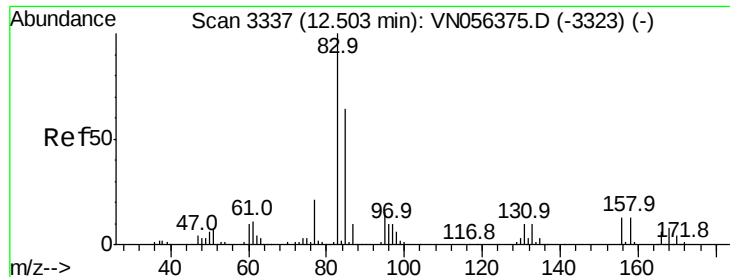
43 100

70 43.9 34.9 52.3

55 24.7 20.4 30.6

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.421 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

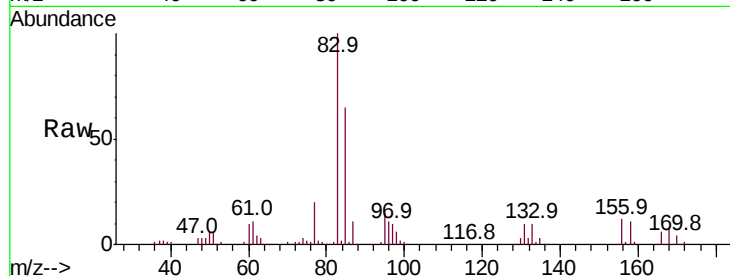
ClientSampleId :

ICVVN061919

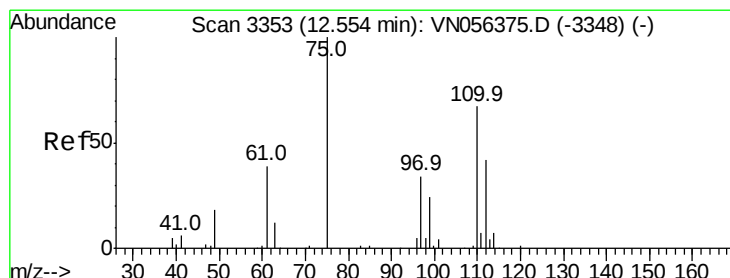
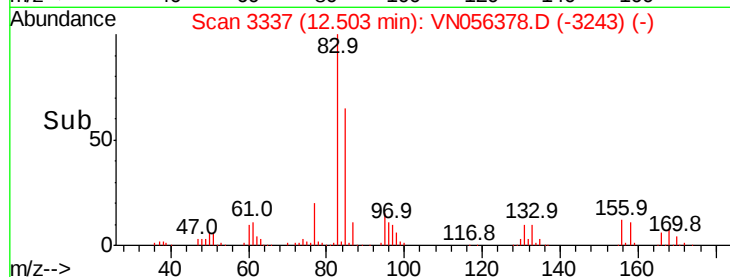
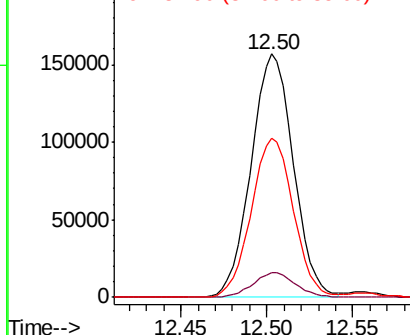
Tot Ion:	83	Resp:	267214
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	65.0	32.4	97.0

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



#76

1,2,3-Trichloropropane

Concen: 46.350 ug/l m

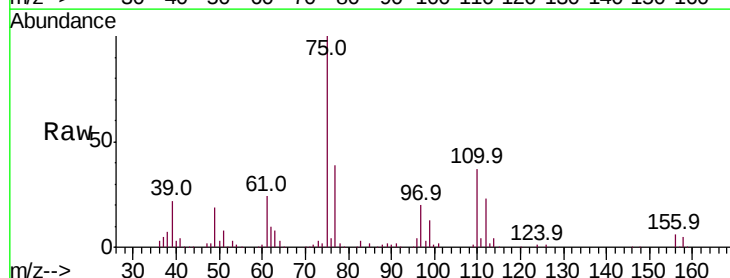
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

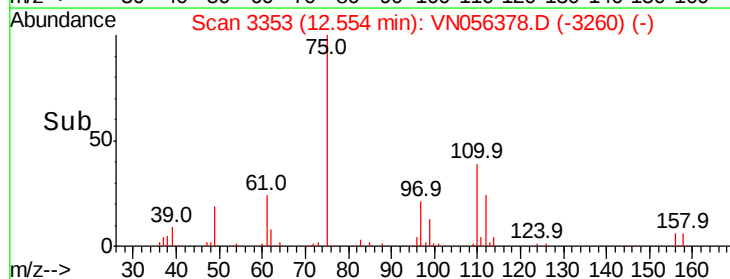
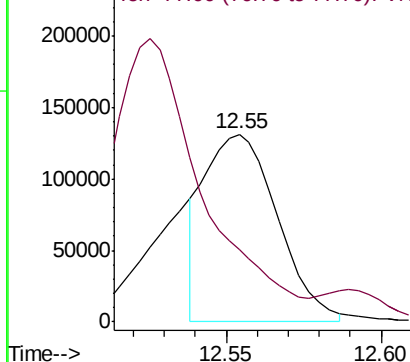
Lab File: VN056378.D

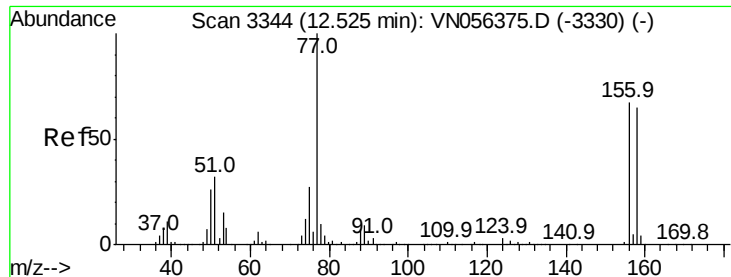
Acq: 19 Jun 2019 11:12

Tgt Ion:	75	Resp:	215150
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 45.090 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

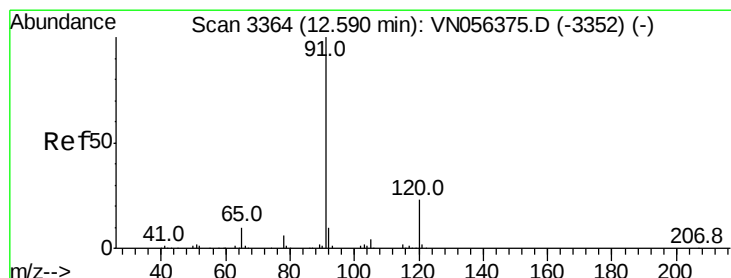
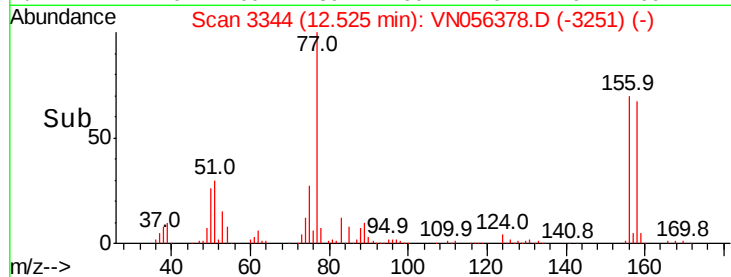
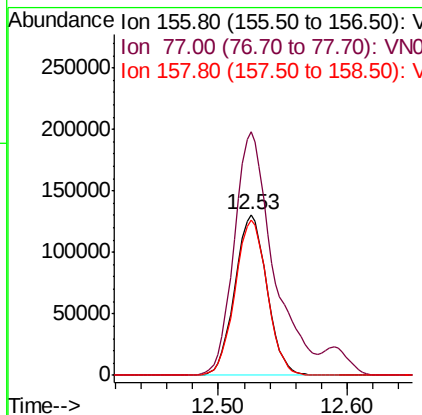
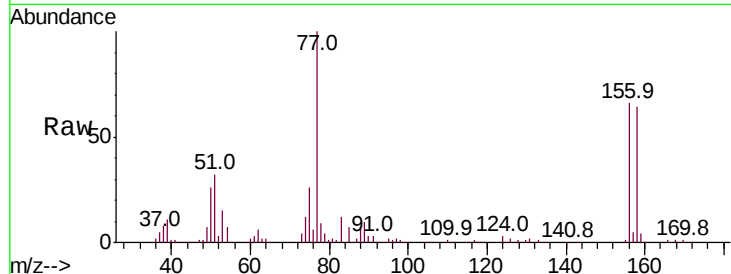
ClientSampled :

ICVVN061919

Tot Ion:	156	Resp:	225703
Ion Ratio	Lower	Upper	
156	100		
77	185.0	92.5	277.3
158	97.2	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 45.990 ug/l

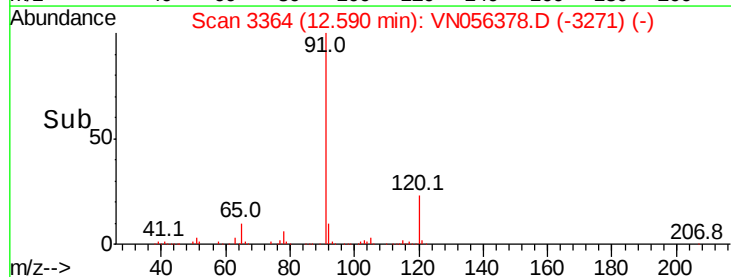
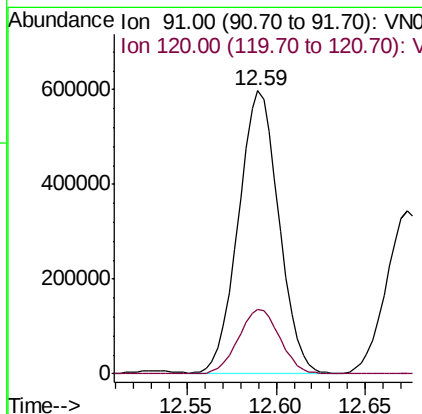
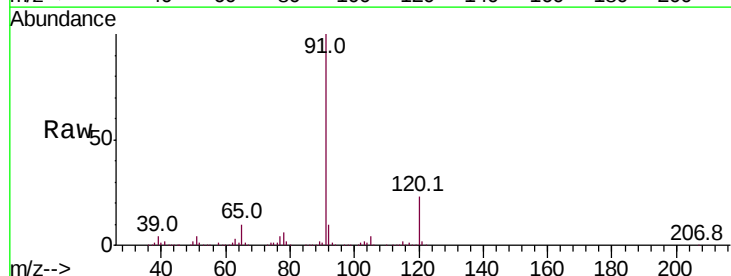
RT: 12.59 min Scan# 3364

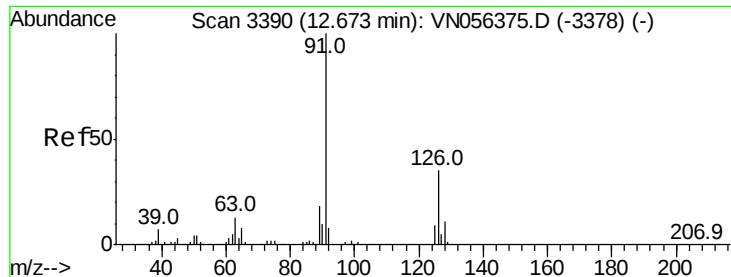
Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	91	Resp:	942818
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.715 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion: 91 Resp: 569698

Ion Ratio Lower Upper

91 100

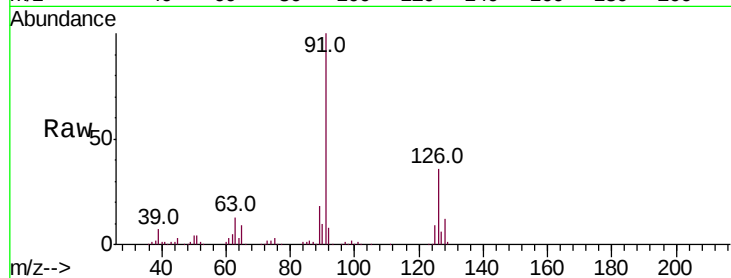
126 36.0 17.6 52.8

Manual Integrations

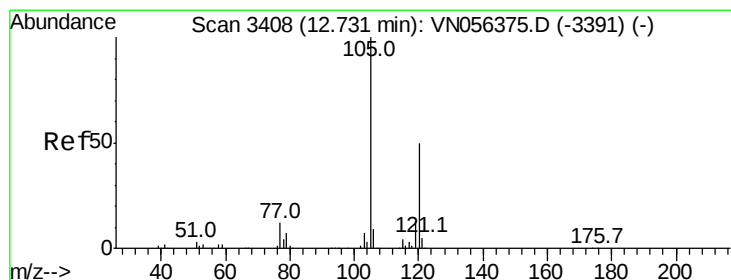
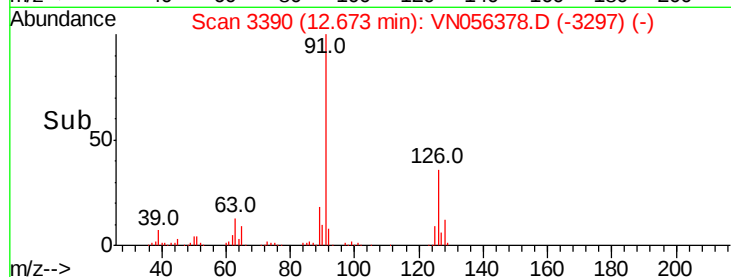
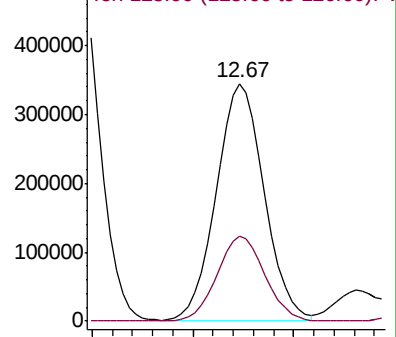
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Abundance Ion 91.00 (90.70 to 91.70): VN056378.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.577 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056378.D

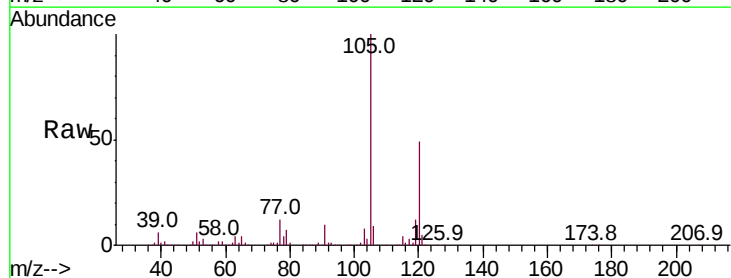
Acq: 19 Jun 2019 11:12

Tgt Ion: 105 Resp: 712195

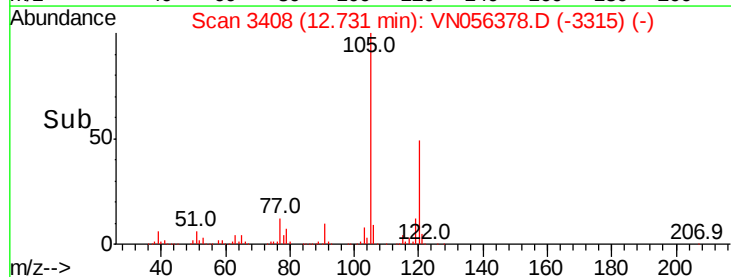
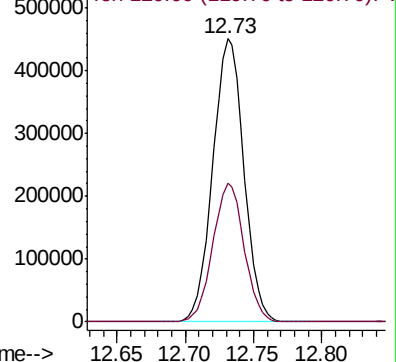
Ion Ratio Lower Upper

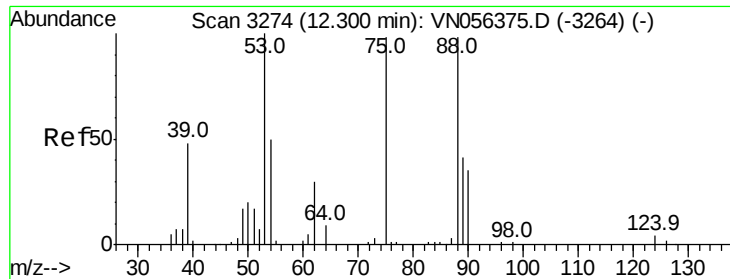
105 100

120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056378.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.573 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

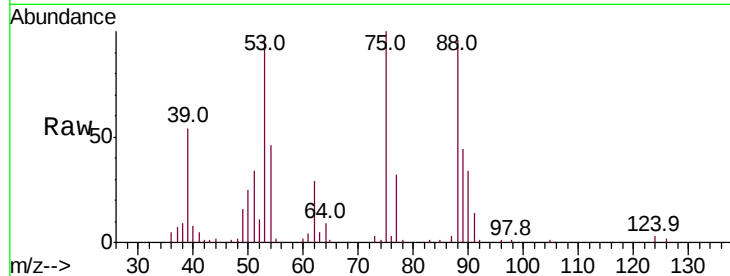
ClientSampleId :

ICVVN061919

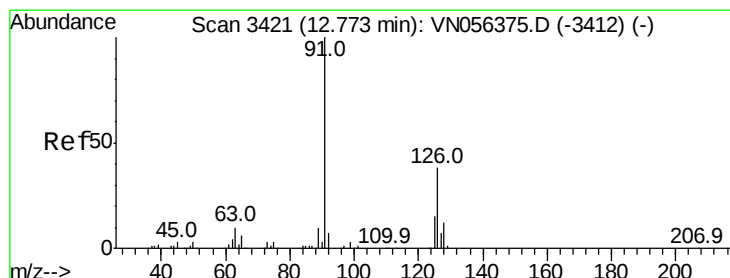
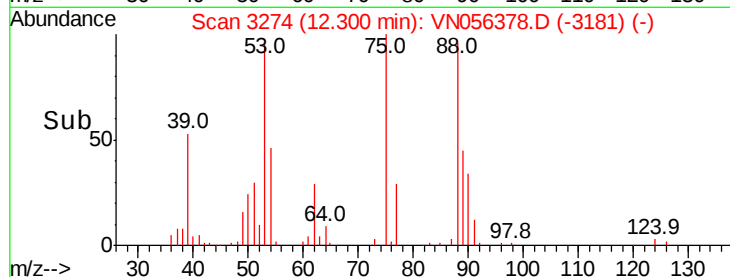
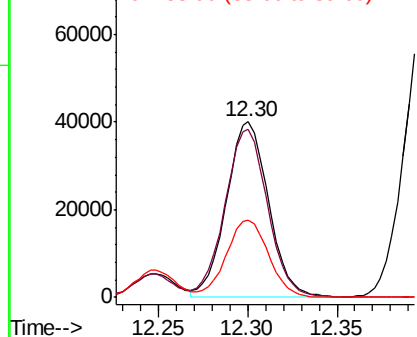
Tot Ion:	75	Resp:	66050
Ion	Ratio	Lower	Upper
75	100		
53	97.0	83.9	125.9
89	44.2	35.0	52.6

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 46.083 ug/l

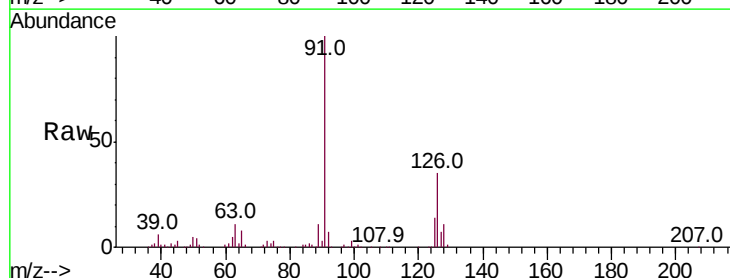
RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

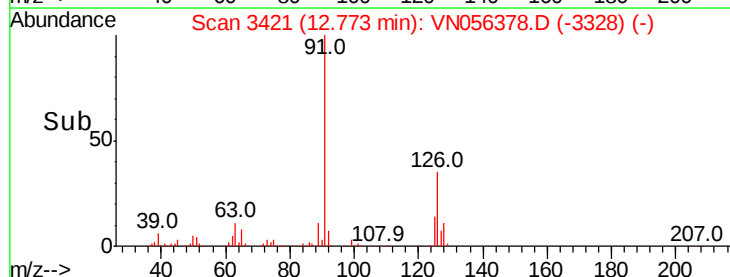
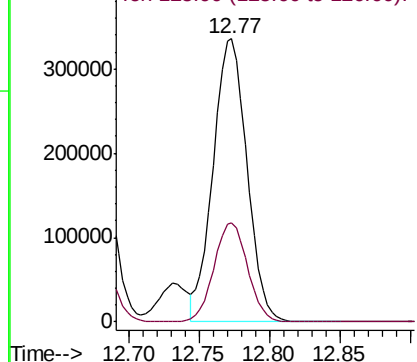
Lab File: VN056378.D

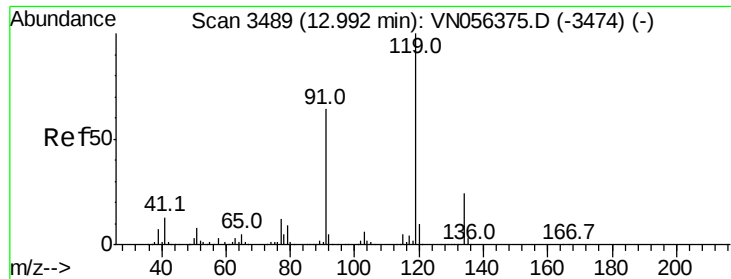
Acq: 19 Jun 2019 11:12

Tgt Ion:	91	Resp:	557804
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	52.0



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.028 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

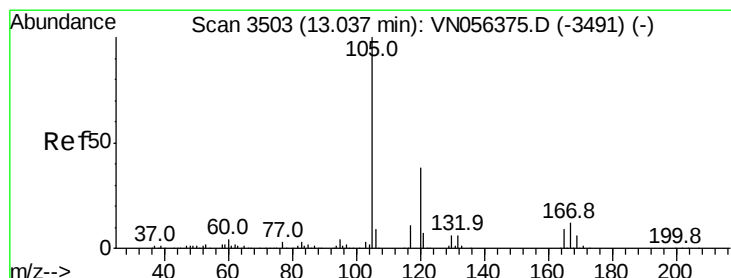
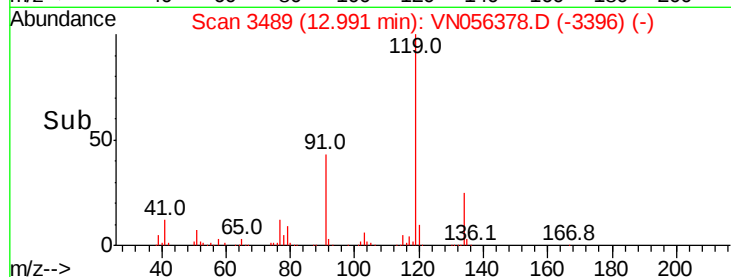
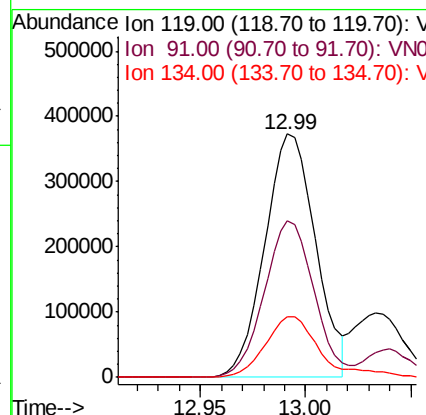
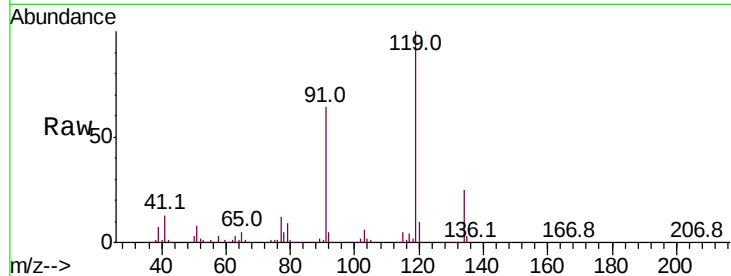
ClientSampled :

ICVVN061919

Tot Ion:	119	Resp:	625745
Ion Ratio	Lower	Upper	
119	100		
91	62.8	31.6	94.7
134	26.9	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.364 ug/l

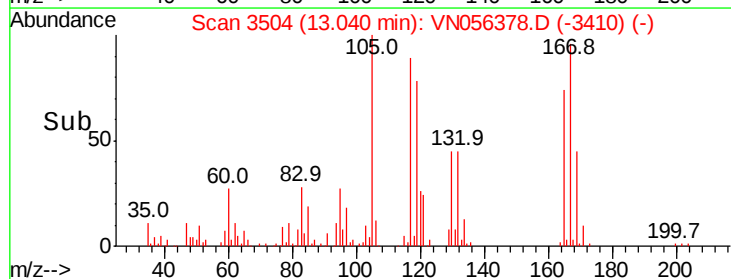
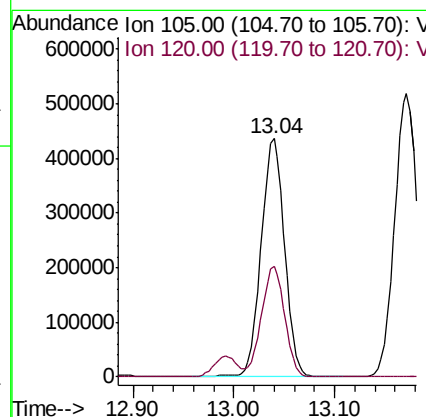
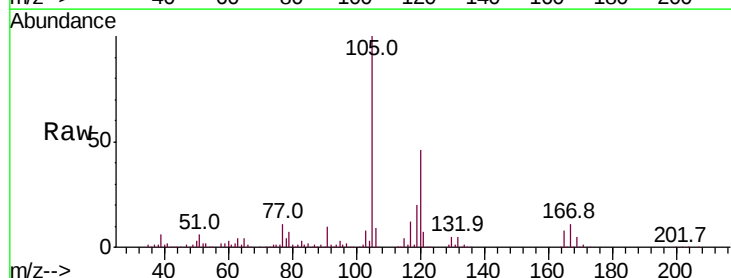
RT: 13.04 min Scan# 3504

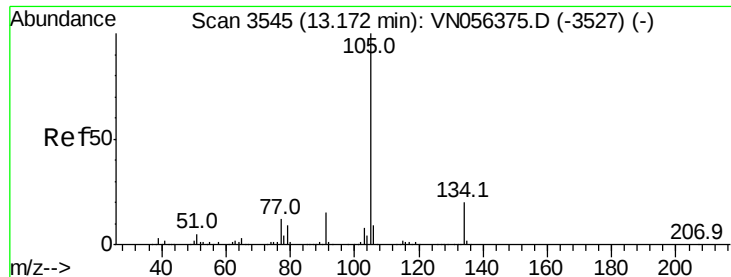
Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	105	Resp:	698733
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 45.647 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061919

Tot Ion:105 Resp: 822495

Ion Ratio Lower Upper

105 100

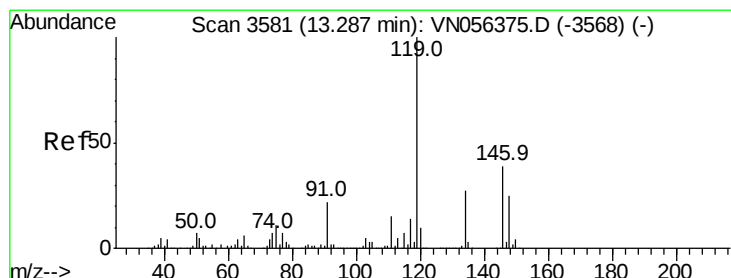
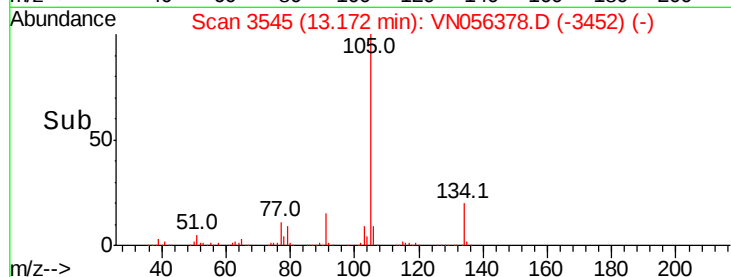
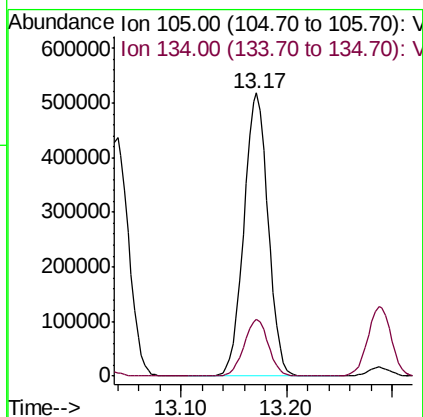
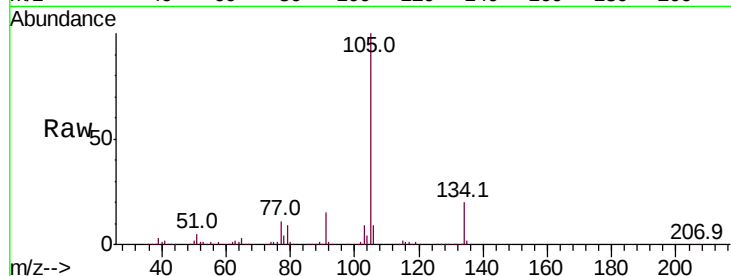
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 47.118 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

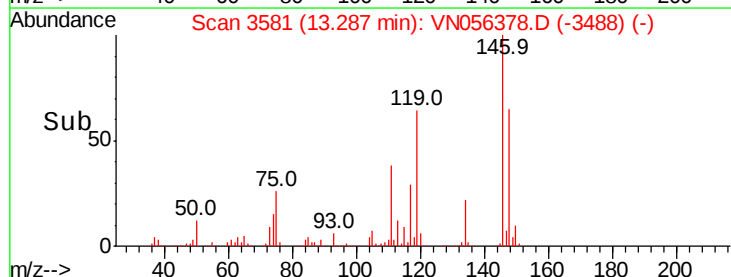
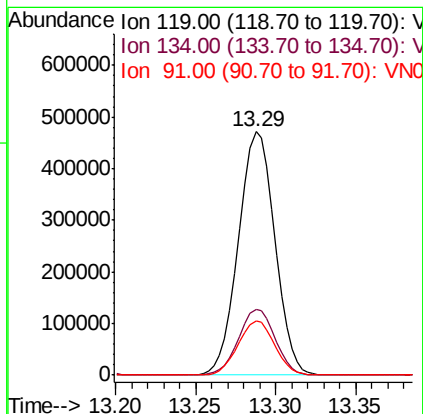
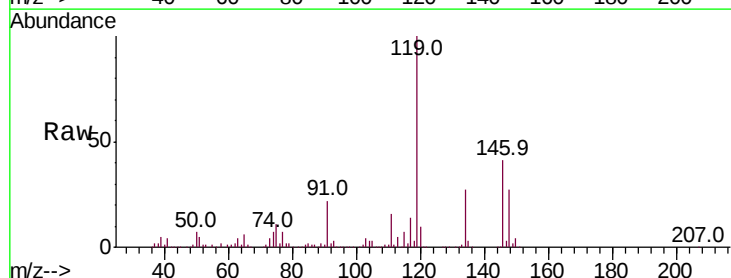
Tgt Ion:119 Resp: 728627

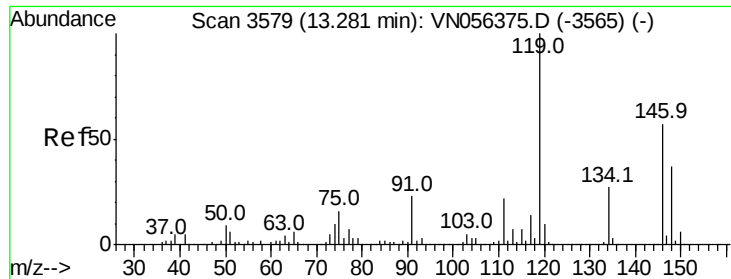
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.2 11.2 33.5





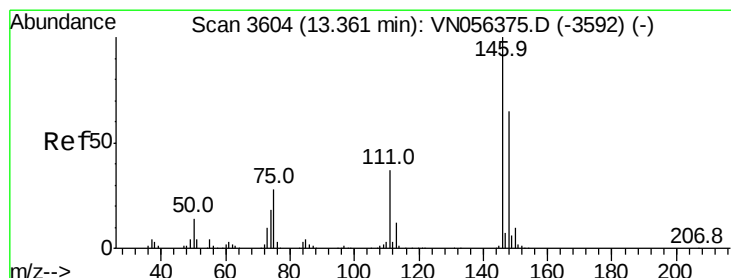
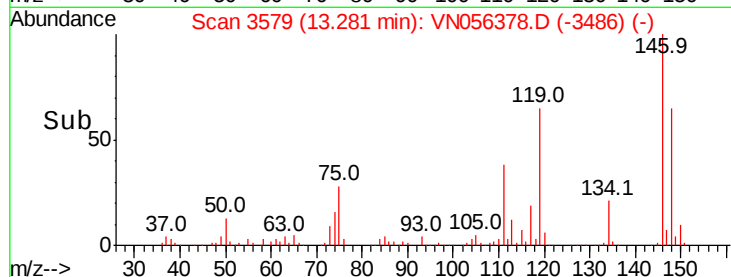
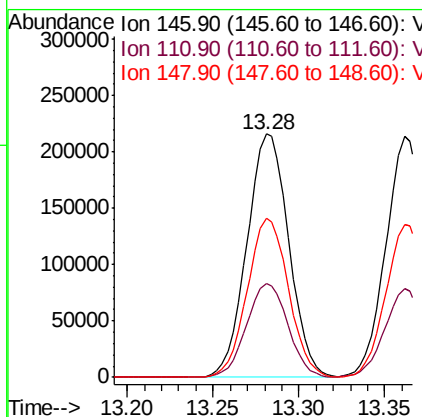
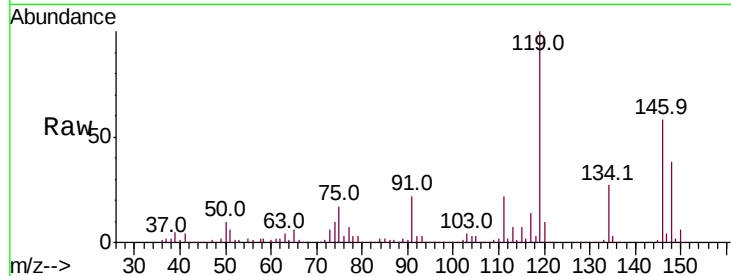
#87
 1,3-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.5	32.1	96.5

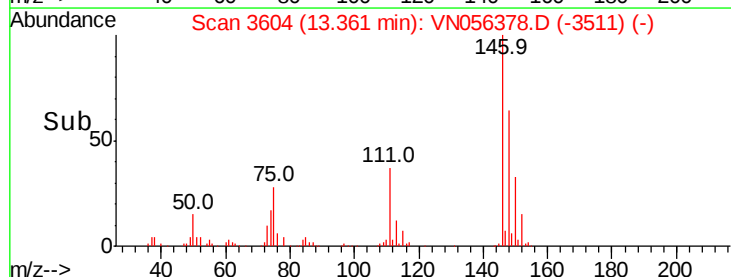
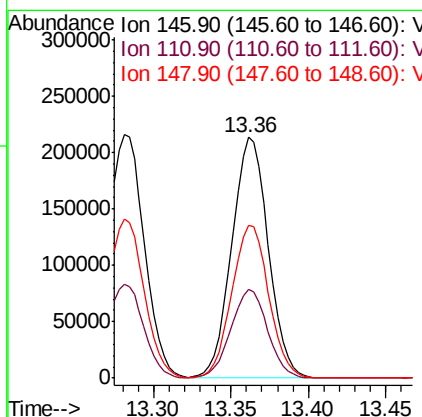
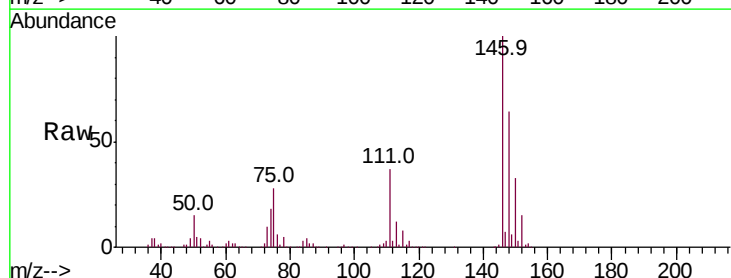
Manual Integrations
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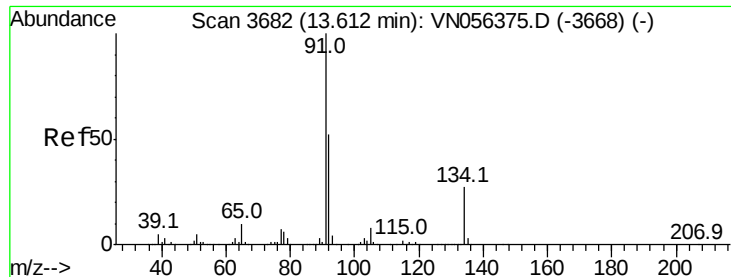
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#88
 1,4-Dichlorobenzene
 Concen: 47.620 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.5	32.4	97.0





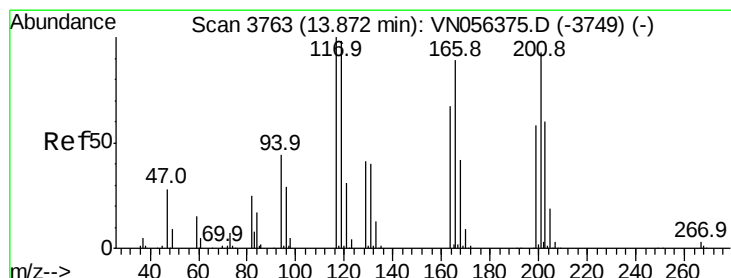
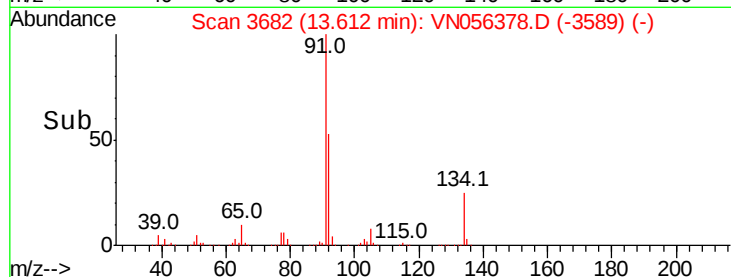
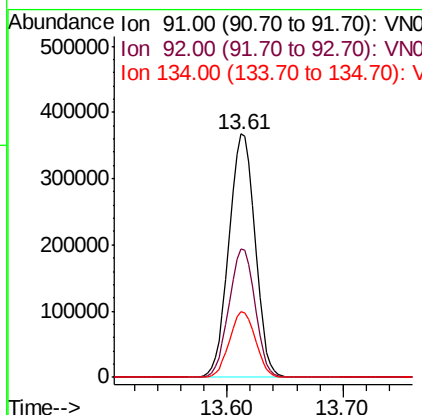
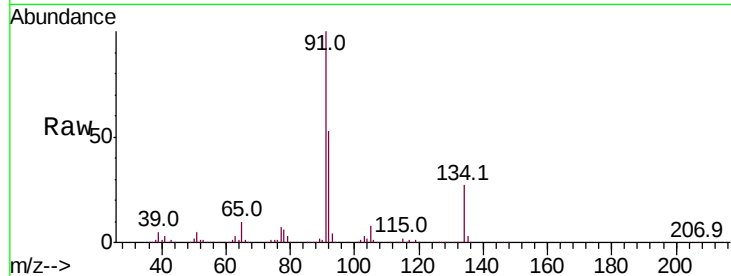
#89
n-Butylbenzene
Concen: 48.729 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061919

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	26.8	13.4	40.2

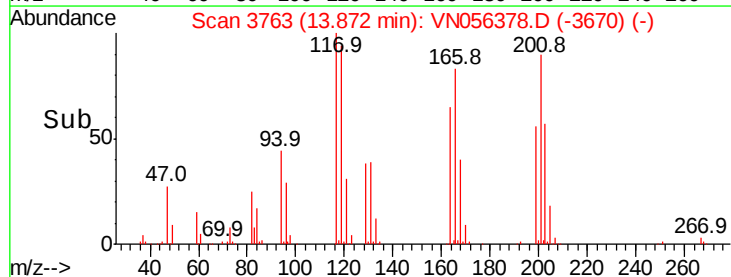
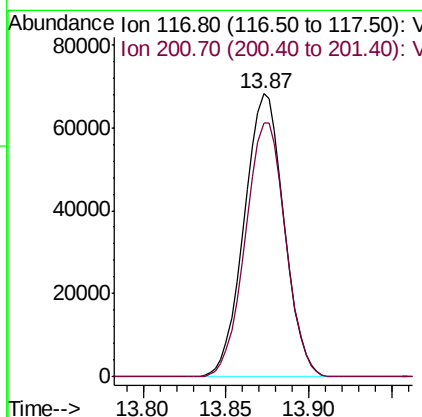
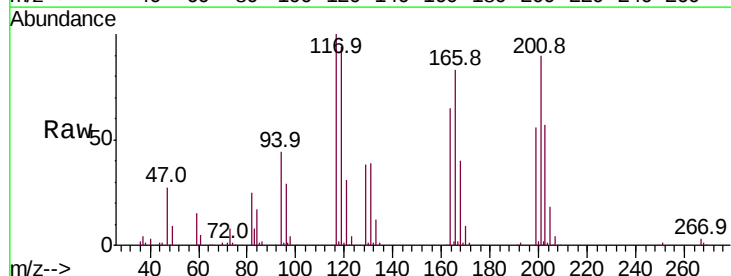
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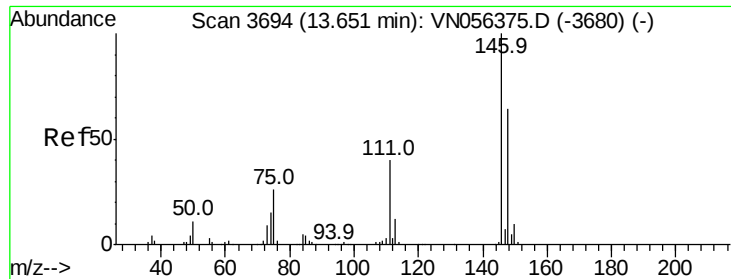
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#90
Hexachloroethane
Concen: 47.353 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056378.D
Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	45.9	137.6





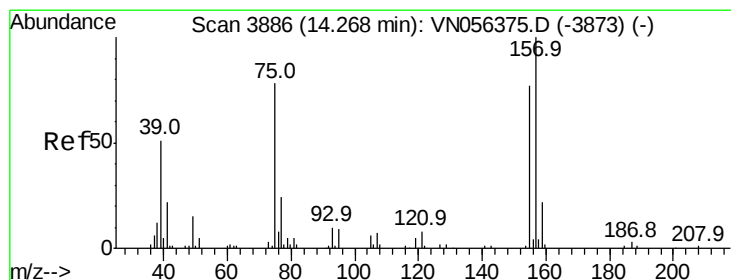
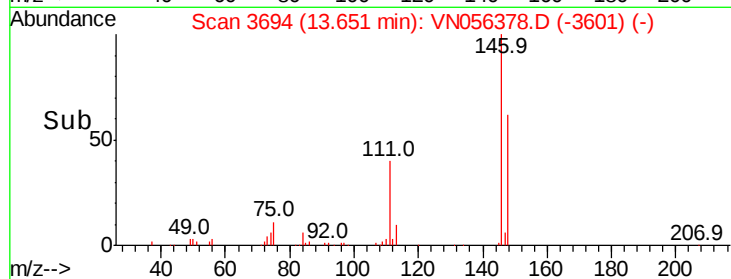
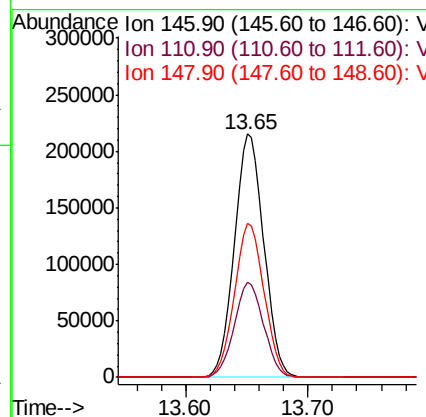
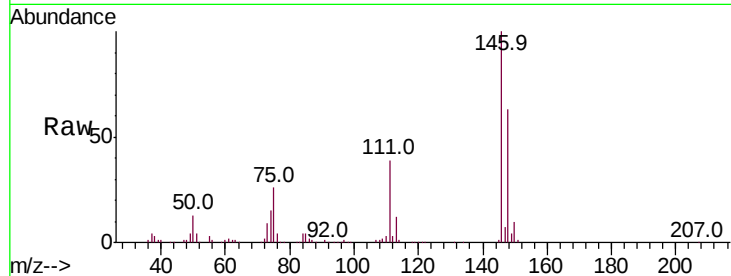
#91
 1,2-Dichlorobenzene
 Concen: 47.970 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061919

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.2	19.3	57.9	
148	63.5	32.0	96.0	

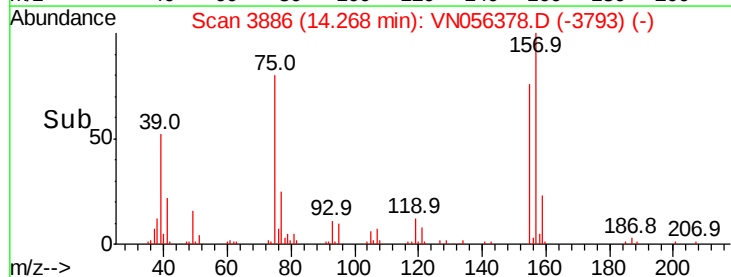
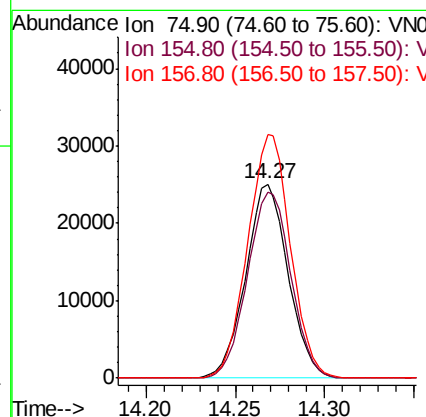
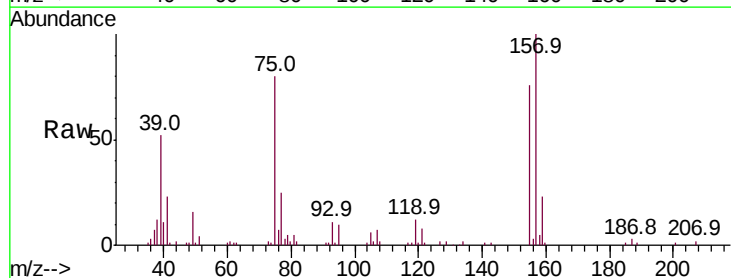
Manual Integrations
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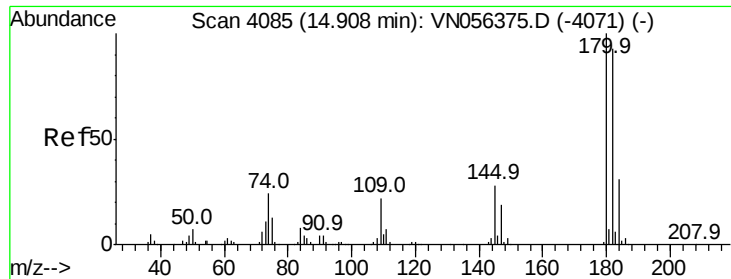
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.126 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	98.3	48.9	146.8	
157	126.3	62.9	188.8	





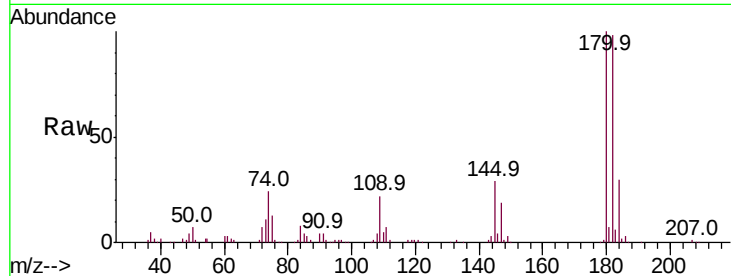
#93
 1,2,4-Trichlorobenzene
 Concen: 44.301 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061919

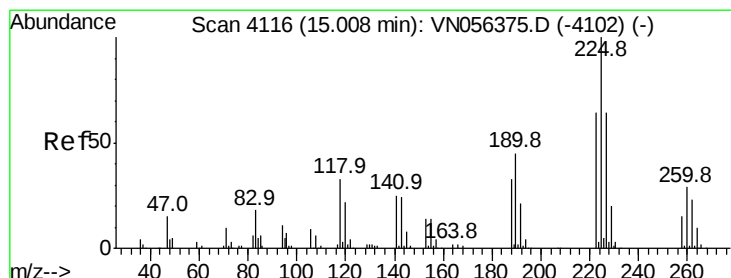
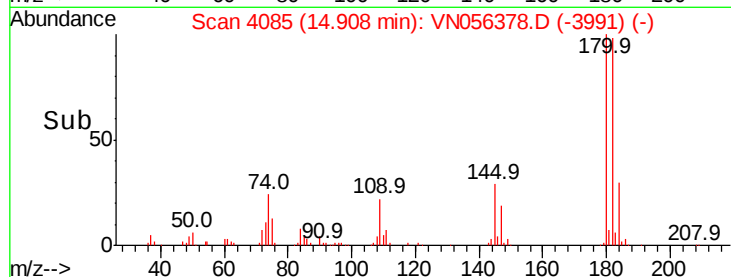
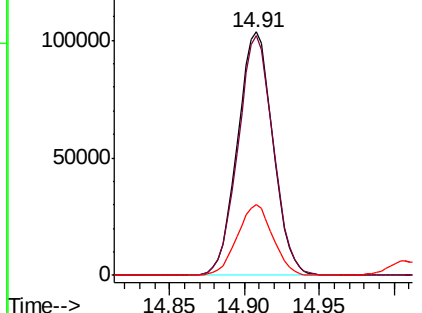
Tot Ion	Ratio	Resp	Lower	Upper
180	100	170807		
182	97.7	46.9	140.6	
145	28.9	14.4	43.0	

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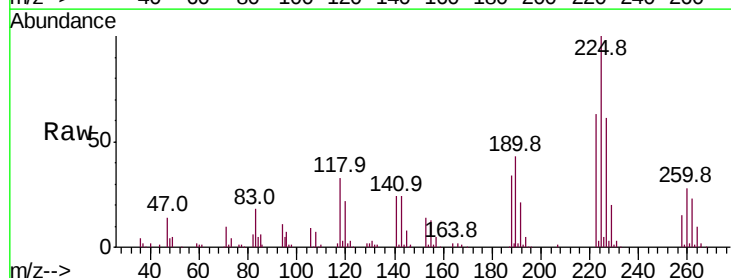


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

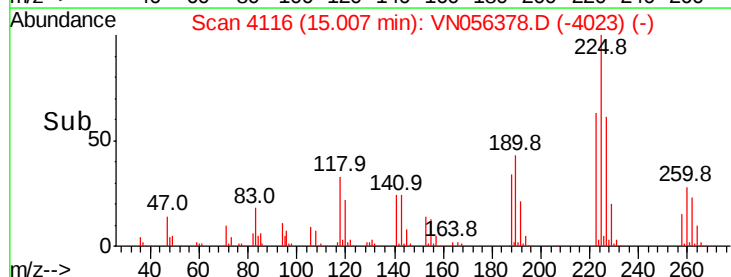
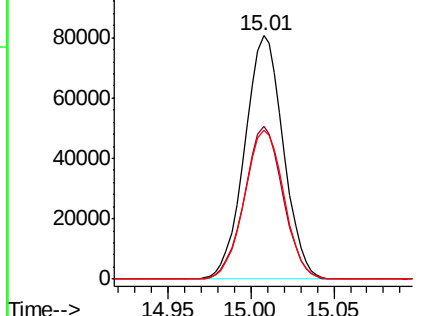


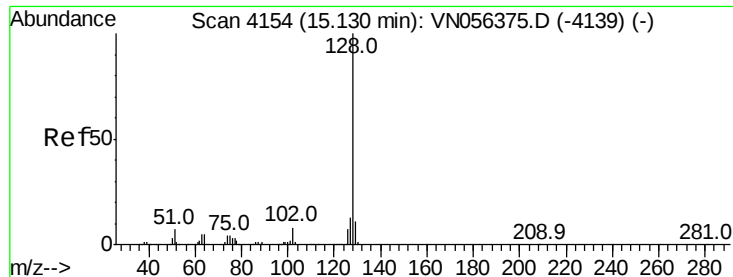
#94
 Hexachlorobutadiene
 Concen: 51.236 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056378.D
 Acq: 19 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130561		
223	62.4	31.4	94.3	
227	62.3	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: 48.060 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Instrument :

MSVOA_N

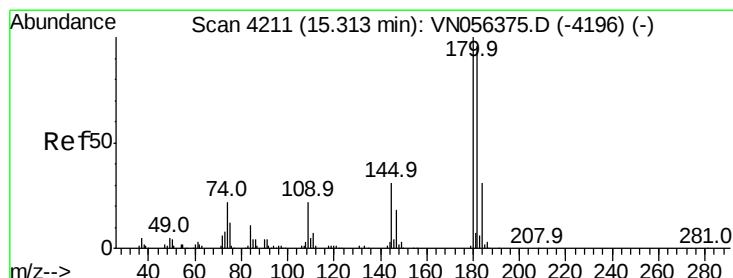
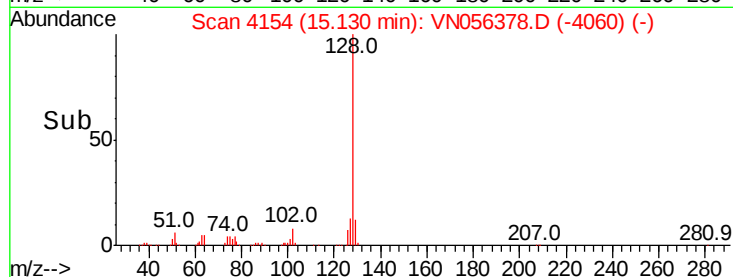
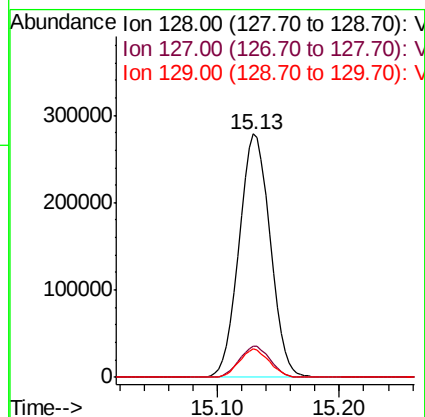
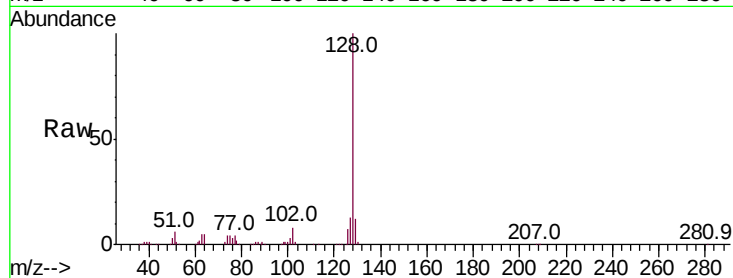
ClientSampleId :

ICVVN061919

Tot Ion:	128	Resp:	489963
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	11.4	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 48.140 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056378.D

Acq: 19 Jun 2019 11:12

Tgt Ion:	180	Resp:	194756
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.3	144.8
145	29.8	15.4	46.1

