

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064817.D
 Acq On : 24 Nov 2020 17:52
 Operator : JC/MD
 Sample : L4829-14MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Quant Time: Nov 25 04:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108372	48.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.80%
35) Dibromofluoromethane	7.55	113	94142	50.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.06%
50) Toluene-d8	10.06	98	369465	48.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.08%
62) 4-Bromofluorobenzene	12.38	95	134482	49.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	76697	45.949	ug/l 99
3) Chloromethane	2.04	50	96461	44.470	ug/l 99
4) Vinyl Chloride	2.17	62	106180	46.952	ug/l 98
5) Bromomethane	2.53	94	44762	30.169	ug/l 100
6) Chloroethane	2.68	64	65261	46.658	ug/l 97
7) Trichlorofluoromethane	2.99	101	144435	46.203	ug/l 96
8) Diethyl Ether	3.38	74	59130	47.920	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88590	47.241	ug/l 98
10) Methyl Iodide	3.91	142	84648	34.800	ug/l 97
11) Tert butyl alcohol	4.75	59	77115	220.841	ug/l # 73
12) 1,1-Dichloroethene	3.69	96	90419	48.414	ug/l 99
13) Acrolein	3.57	56	45278	212.284	ug/l # 63
14) Allyl chloride	4.28	41	144785	47.003	ug/l 98
15) Acrylonitrile	4.93	53	243237	252.153	ug/l 97
16) Acetone	3.78	43	213341	289.848	ug/l 100
17) Carbon Disulfide	4.01	76	236430	49.030	ug/l 99
18) Methyl Acetate	4.28	43	98646	44.576	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	328444	54.833	ug/l # 1
20) Methylene Chloride	4.50	84	107207	46.482	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	98140	47.320	ug/l 99
22) Diisopropyl ether	5.91	45	311301	50.491	ug/l 99
23) Vinyl Acetate	5.85	43	1211743	245.769	ug/l 100
24) 1,1-Dichloroethane	5.80	63	182395	49.500	ug/l 98
25) 2-Butanone	6.79	43	306065	256.515	ug/l 96
26) 2,2-Dichloropropane	6.78	77	142224	44.504	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	119788	51.328	ug/l 99
28) Bromochloromethane	7.15	49	83244	49.383	ug/l 100
29) Tetrahydrofuran	7.17	42	194808	236.523	ug/l 99
30) Chloroform	7.33	83	198849	52.331	ug/l 98
31) Cyclohexane	7.61	56	238748	76.504	ug/l 93
32) 1,1,1-Trichloroethane	7.53	97	158545	48.580	ug/l 100
36) 1,1-Dichloropropene	7.75	75	136069	47.149	ug/l 99
37) Ethyl Acetate	6.88	43	119682	43.052	ug/l 99
38) Carbon Tetrachloride	7.73	117	142021	47.296	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	286181	92.116	ug/l	99
40) Benzene	8.00	78	1036666	117.222	ug/l	99
41) Methacrylonitrile	7.13	41	63917	49.829	ug/l	87
42) 1,2-Dichloroethane	8.08	62	139495	46.758	ug/l	88
43) Isopropyl Acetate	8.13	43	243401	54.412	ug/l	94
44) Trichloroethene	8.80	130	120118	46.034	ug/l	98
45) 1,2-Dichloropropane	9.08	63	114165	49.849	ug/l	99
46) Dibromomethane	9.17	93	73648	48.136	ug/l	98
47) Bromodichloromethane	9.37	83	157207	51.065	ug/l	96
48) Methyl methacrylate	9.17	41	98921	46.279	ug/l	96
49) 1,4-Dioxane	9.17	88	33849	837.864	ug/l #	96
51) 4-Methyl-2-Pentanone	9.95	43	633705	235.971	ug/l	99
52) Toluene	10.12	92	291166	53.462	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	159019	46.376	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	178251	48.499	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	145578	65.003	ug/l	97
56) Ethyl methacrylate	10.40	69	164947	53.372	ug/l	97
57) 1,3-Dichloropropane	10.68	76	176889	47.881	ug/l	99
59) 2-Hexanone	10.72	43	461478	238.770	ug/l	99
60) Dibromochloromethane	10.87	129	119074	47.832	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109065	47.934	ug/l	93
64) Tetrachloroethene	10.60	164	112854	40.997	ug/l	97
65) Chlorobenzene	11.41	112	291851	48.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109294	48.946	ug/l	99
67) Ethyl Benzene	11.48	91	1047657	103.213	ug/l	99
68) m/p-Xylenes	11.59	106	774690	201.583	ug/l	100
69) o-Xylene	11.92	106	202431	55.509	ug/l	100
70) Stvrene	11.94	104	317621	51.591	ug/l	100
71) Bromoform	12.10	173	82307	46.150	ug/l #	99
73) Isopropylbenzene	12.22	105	729288	76.466	ug/l	100
74) N-amyl acetate	12.04	43	181759	48.426	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141933	50.773	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	186513	63.162	ug/l #	100
77) Bromobenzene	12.50	156	124503	48.421	ug/l	98
78) n-propylbenzene	12.56	91	1066572	98.165	ug/l	99
79) 2-Chlorotoluene	12.65	91	362102	53.915	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	544688	68.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44163	40.990	ug/l	96
82) 4-Chlorotoluene	12.75	91	346110	49.165	ug/l	99
83) tert-Butylbenzene	12.97	119	353605	53.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1372871	171.283	ug/l	99
85) sec-Butylbenzene	13.14	105	500326	56.710	ug/l	97
86) p-Isopropyltoluene	13.26	119	435870	54.265	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	219764	48.106	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	221147	45.775	ug/l	100
89) n-Butylbenzene	13.59	91	434255	61.563	ug/l	93
90) Hexachloroethane	13.85	117	98410	70.527	ug/l	69
91) 1,2-Dichlorobenzene	13.63	146	215847	48.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31222	49.638	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	136721	49.272	ug/l	97

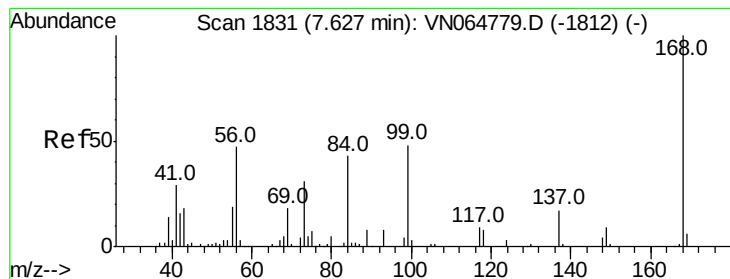
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	53827	43.129	ug/l	100
95) Naphthalene	15.10	128	973929	117.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134077	50.822	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

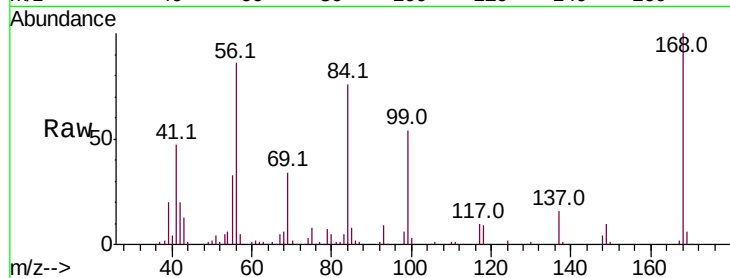
MW-2MSD

Tot Ion:168 Resp: 192597

Ion Ratio Lower Upper

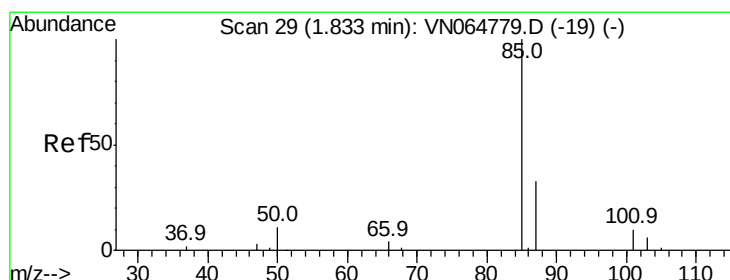
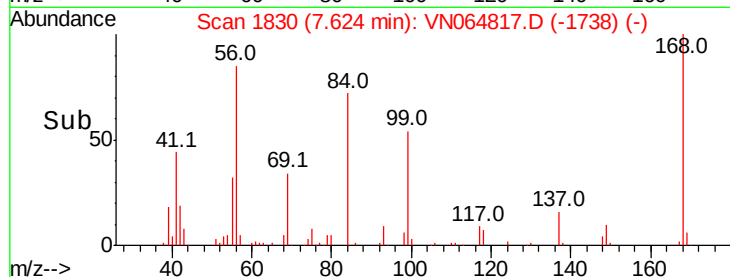
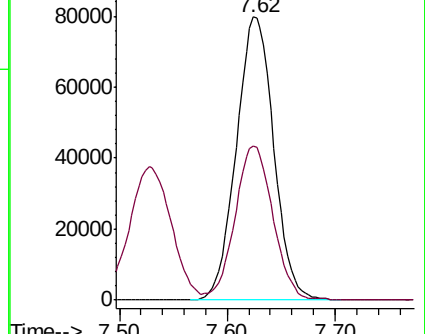
168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 45.949 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064817.D

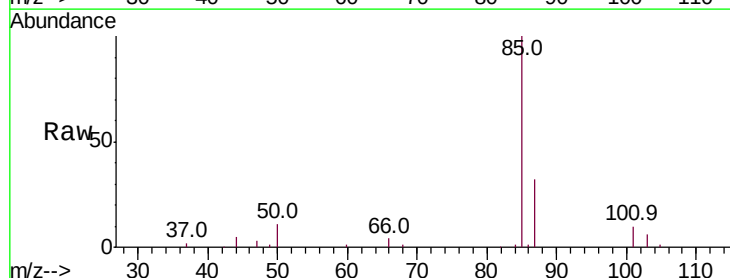
Acq: 24 Nov 2020 17:52

Tgt Ion: 85 Resp: 76697

Ion Ratio Lower Upper

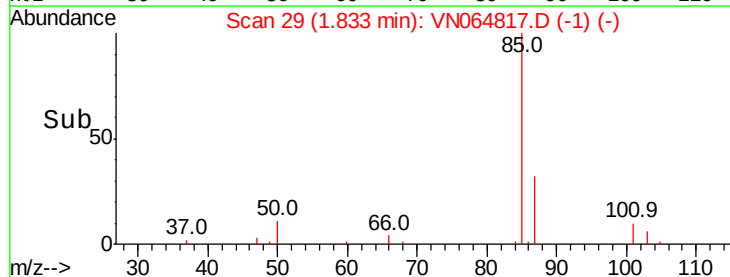
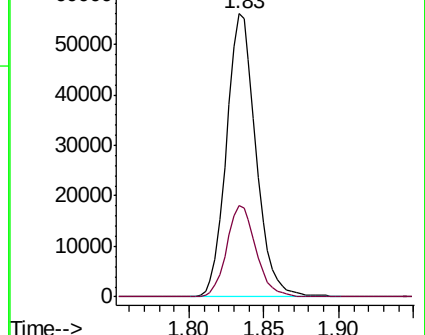
85 100

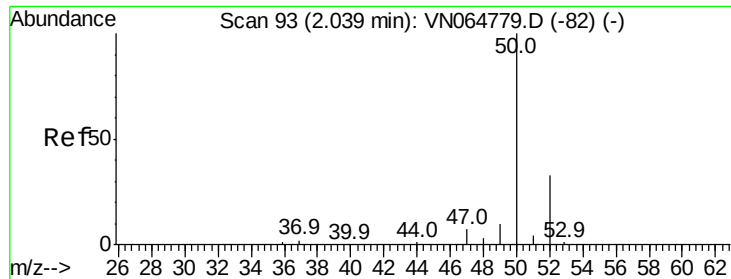
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 44.470 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

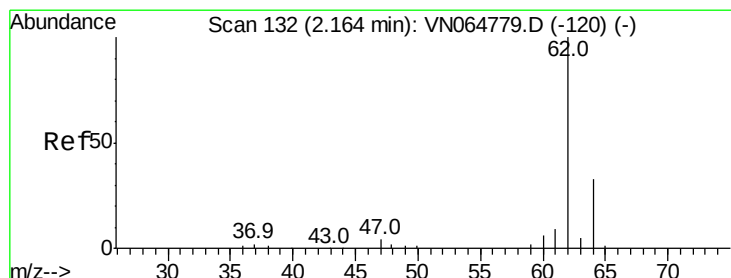
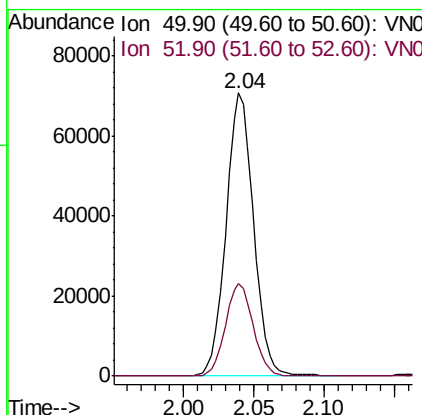
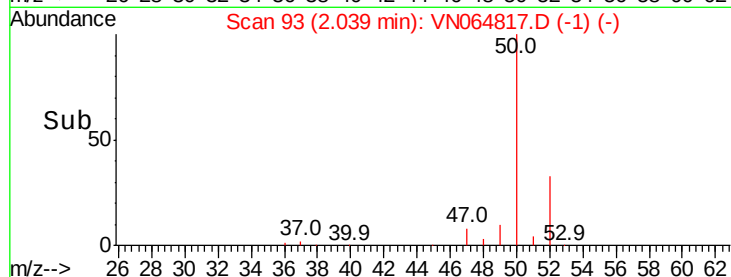
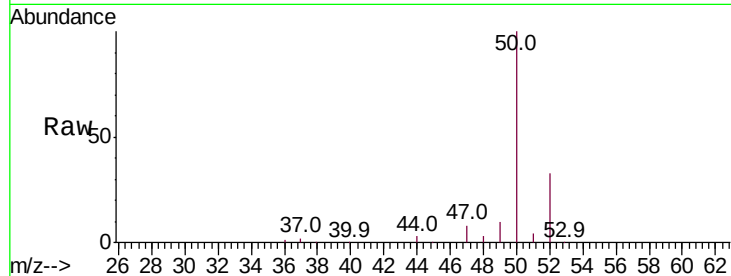
MW-2MSD

Tot Ion: 50 Resp: 96461

Ion Ratio Lower Upper

50 100

52 32.8 26.6 39.8



#4

Vinyl Chloride

Concen: 46.952 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064817.D

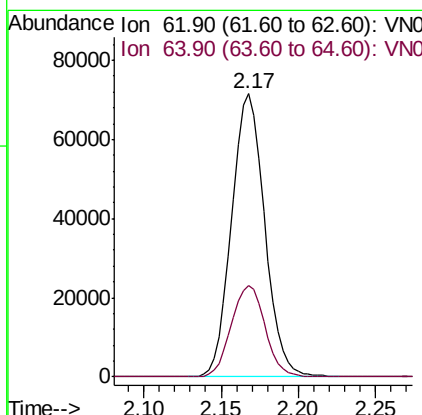
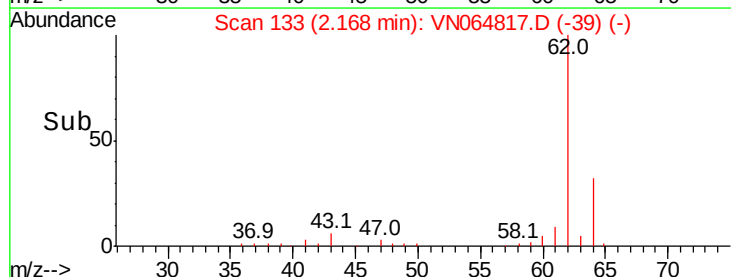
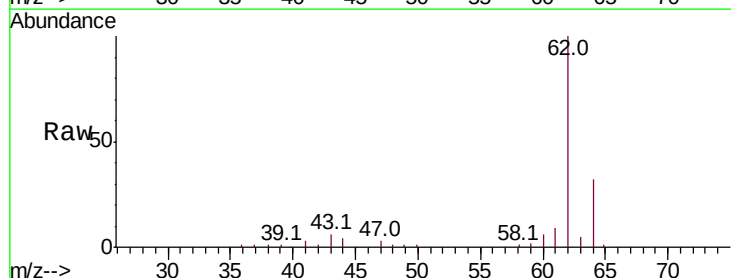
Acq: 24 Nov 2020 17:52

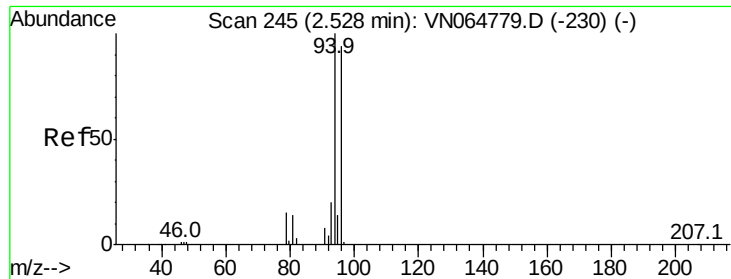
Tgt Ion: 62 Resp: 106180

Ion Ratio Lower Upper

62 100

64 32.2 26.5 39.7

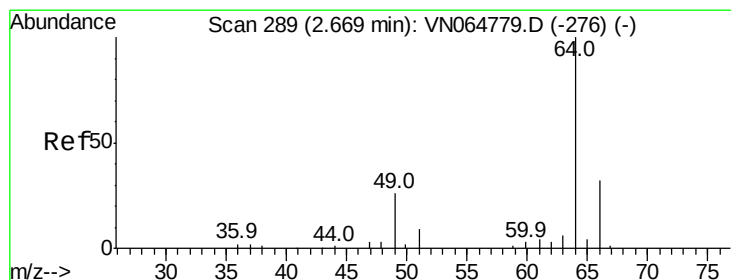
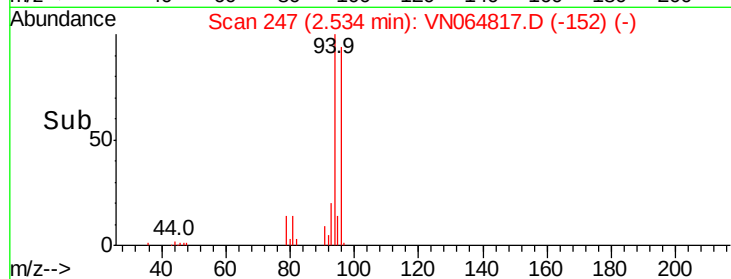
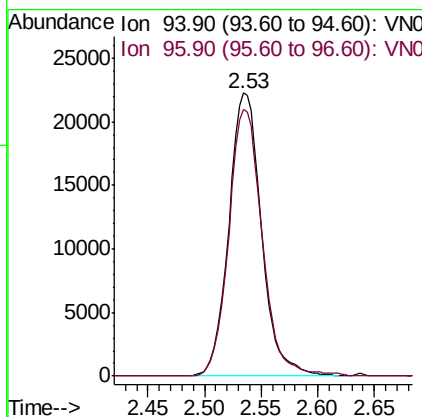
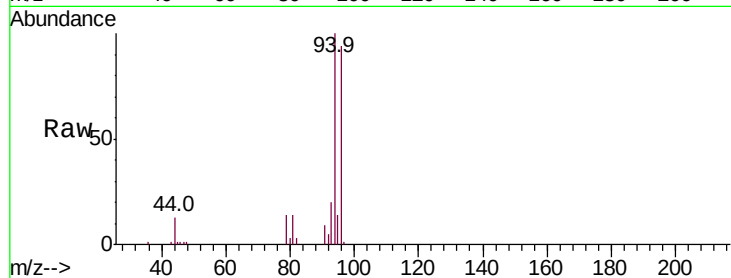




#5
Bromomethane
Concen: 30.169 ug/l
RT: 2.53 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

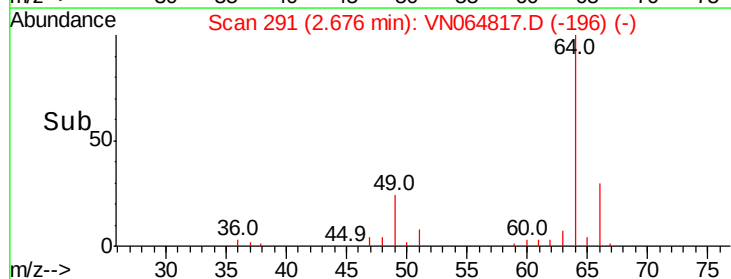
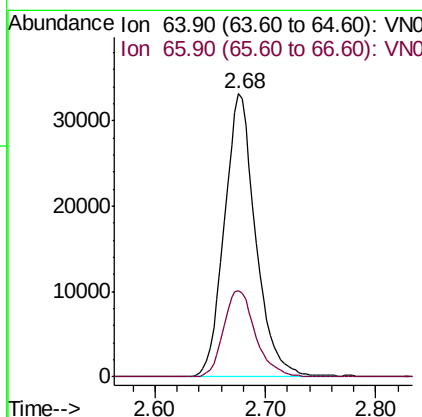
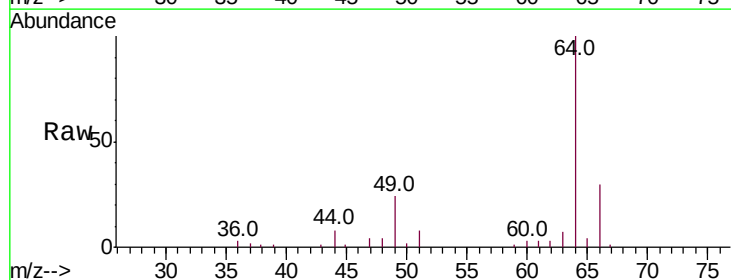
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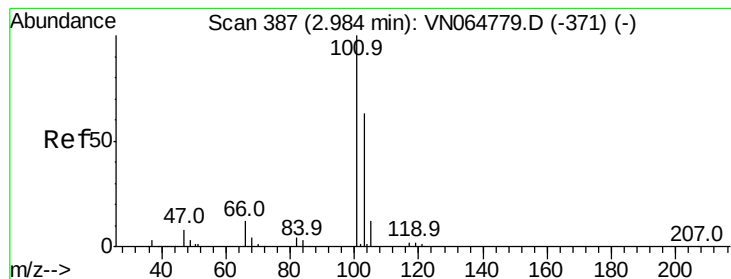
Tot Ion: 94 Resp: 44762
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.0



#6
Chloroethane
Concen: 46.658 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 64 Resp: 65261
Ion Ratio Lower Upper
64 100
66 30.3 25.6 38.4



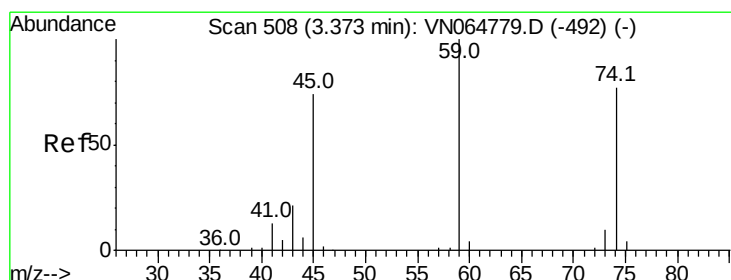
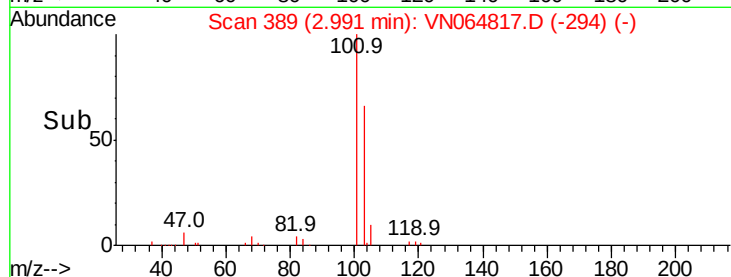
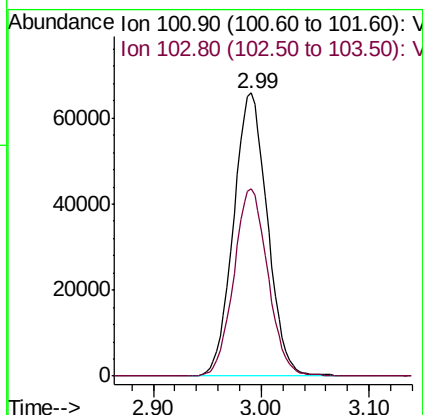
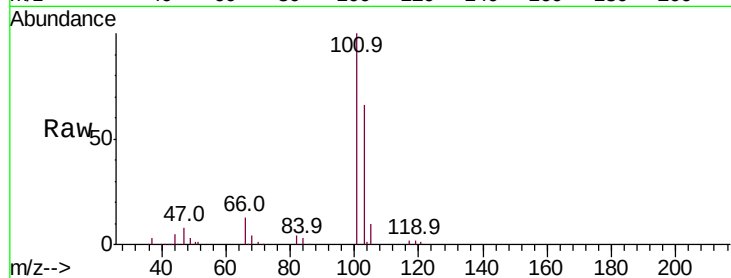


#7

Trichlorofluoromethane
 Concen: 46.203 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

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 MW-2MSD

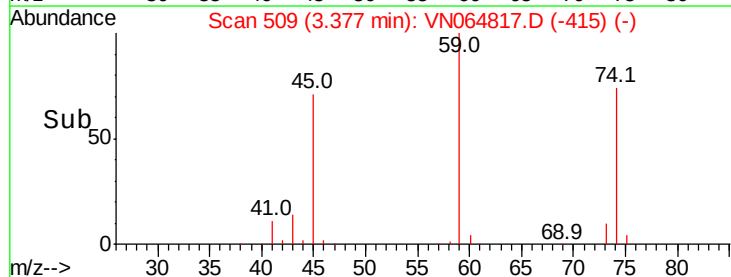
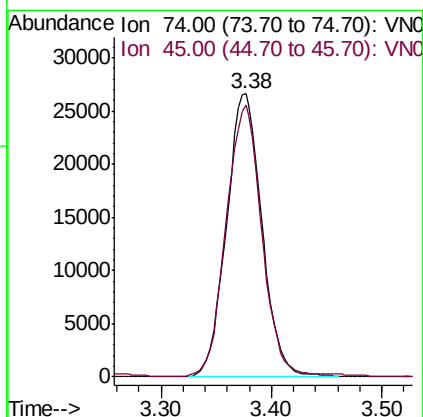
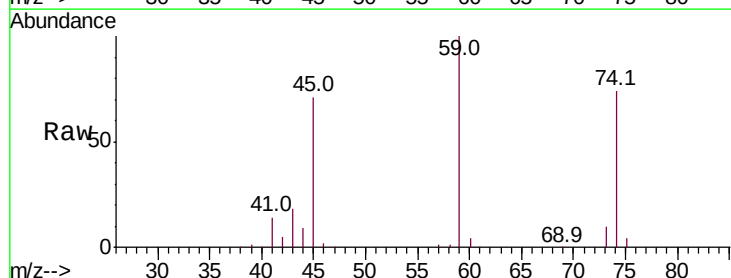
Tot Ion:101 Resp: 144435
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.5 75.7

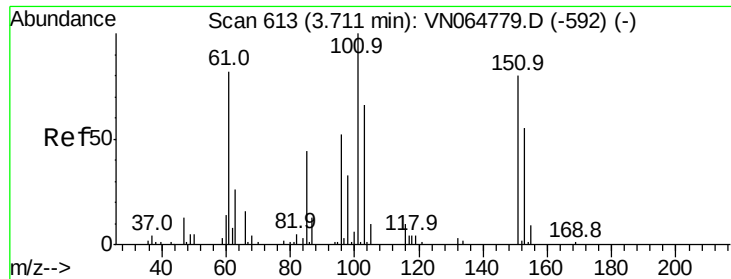


#8

Diethyl Ether
 Concen: 47.920 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 74 Resp: 59130
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.241 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

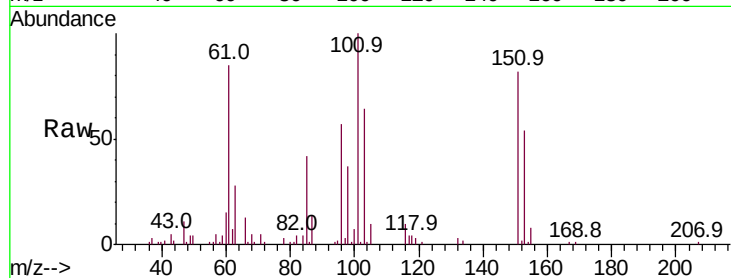
Tot Ion:101 Resp: 88590

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

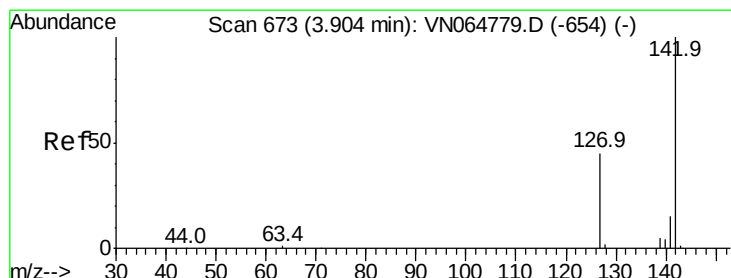
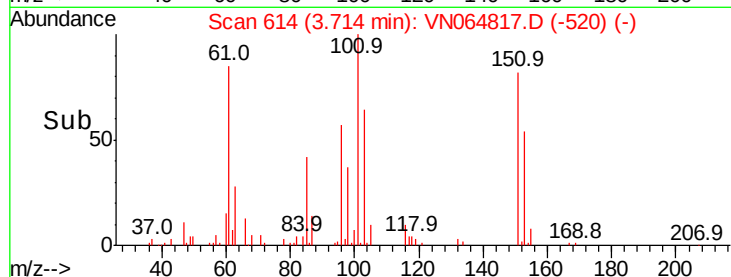
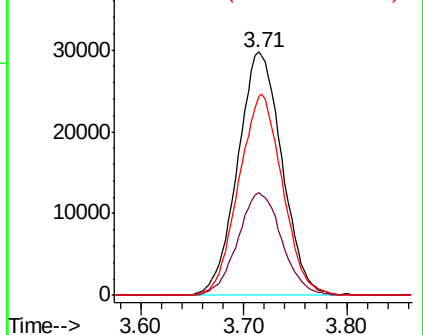
151 81.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.800 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

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Acq: 24 Nov 2020 17:52

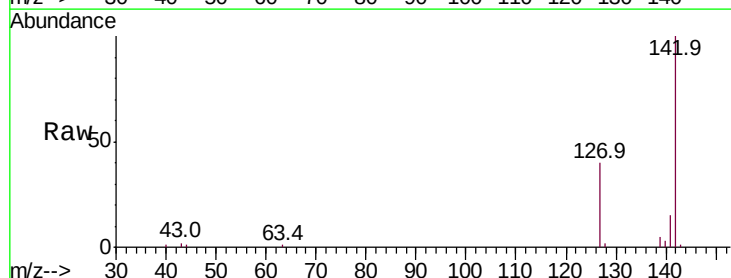
Tgt Ion:142 Resp: 84648

Ion Ratio Lower Upper

142 100

127 41.3 35.0 52.6

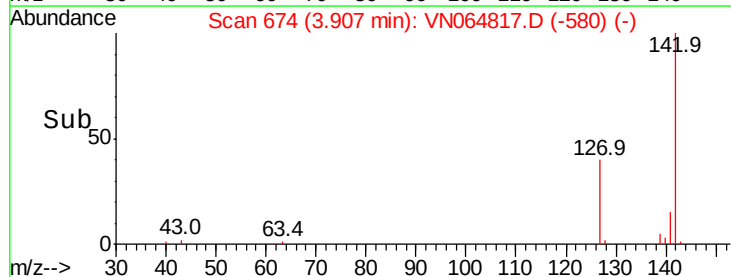
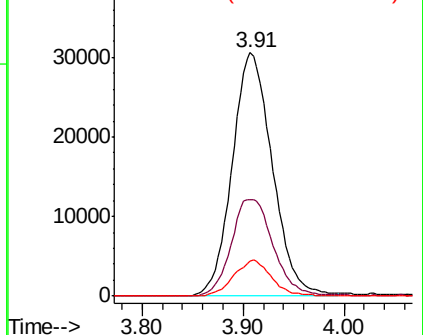
141 13.8 11.8 17.6

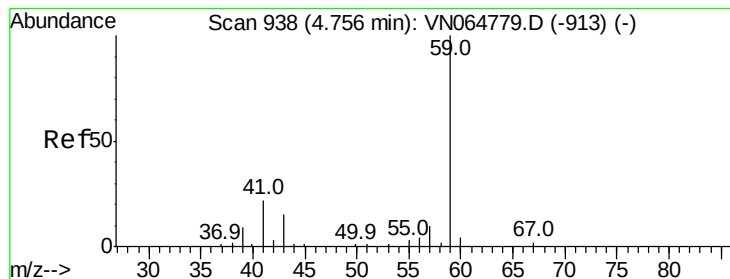


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



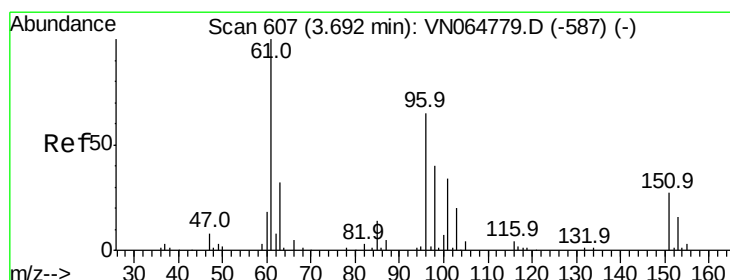
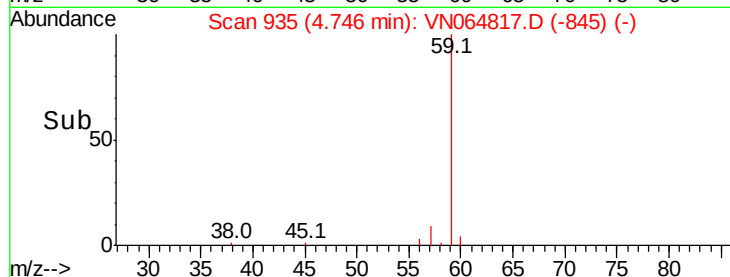
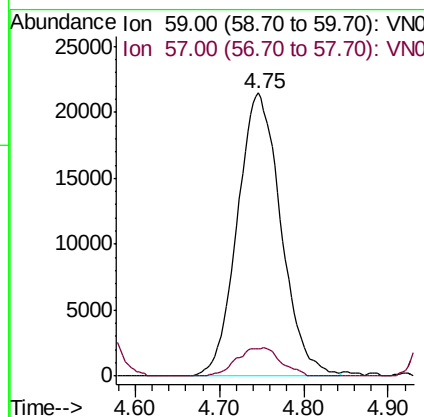
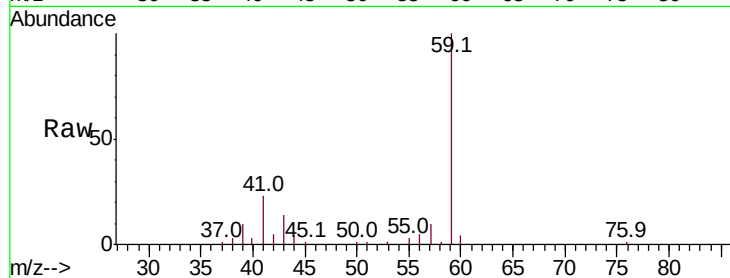


#11

Tert butyl alcohol
 Concen: 220.841 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

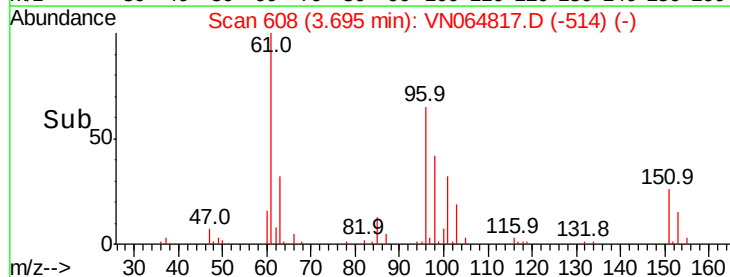
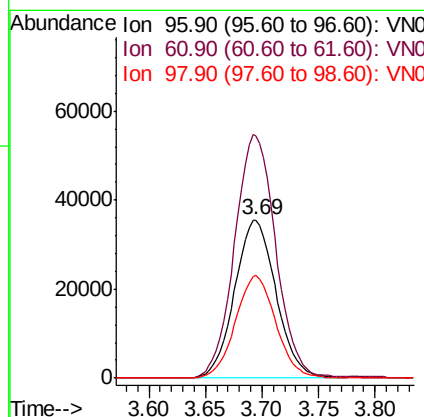
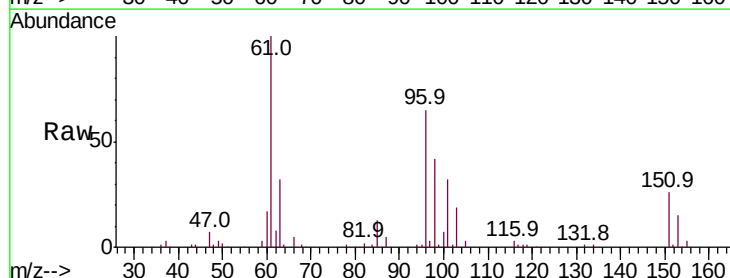
Tot Ion: 59 Resp: 77115
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

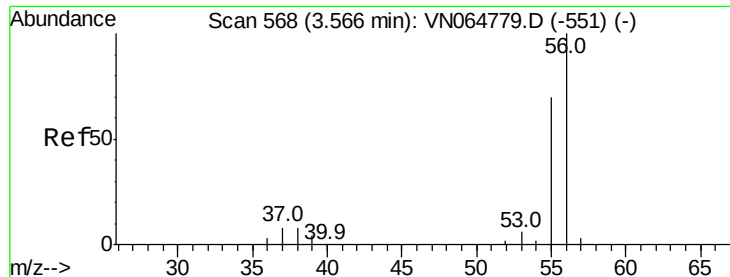


#12

1,1-Dichloroethene
 Concen: 48.414 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 96 Resp: 90419
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.4 185.2
 98 64.7 49.8 74.8





#13

Acrolein

Concen: 212.284 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

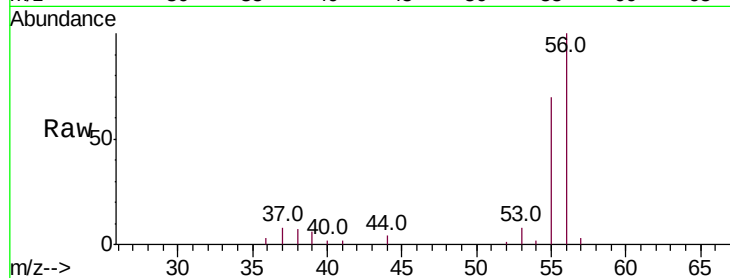
MW-2MSD

Tot Ion: 56 Resp: 45278

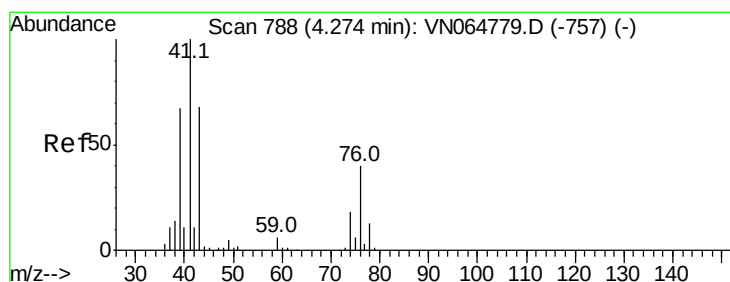
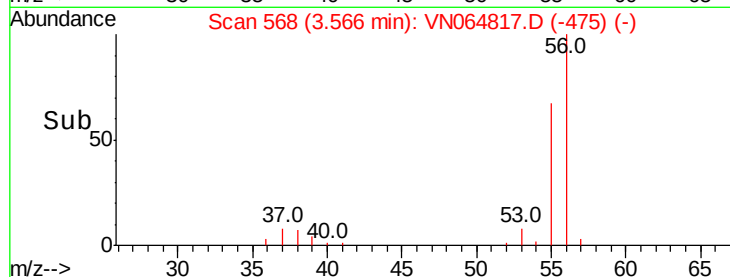
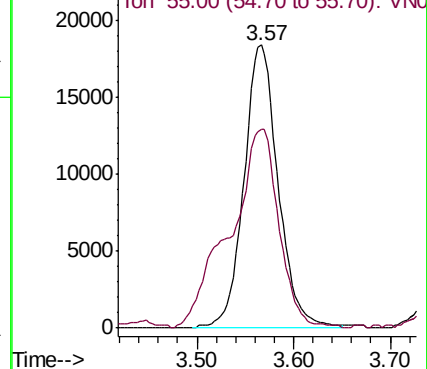
Ion Ratio Lower Upper

56 100

55 100.8 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN064817.D (-475) (-)



#14

Allyl chloride

Concen: 47.003 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

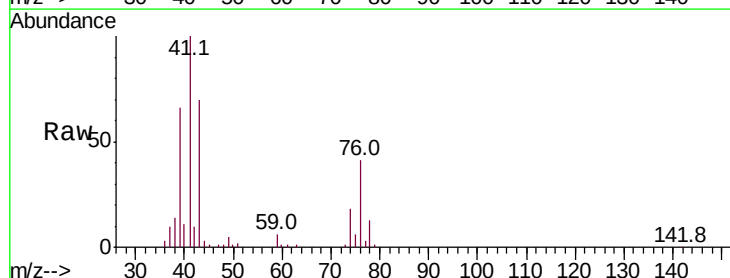
Tgt Ion: 41 Resp: 144785

Ion Ratio Lower Upper

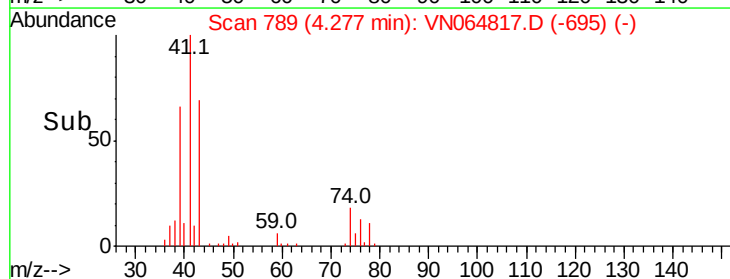
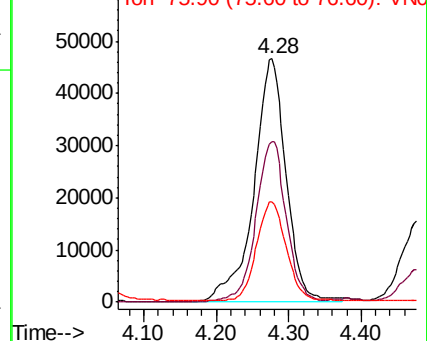
41 100

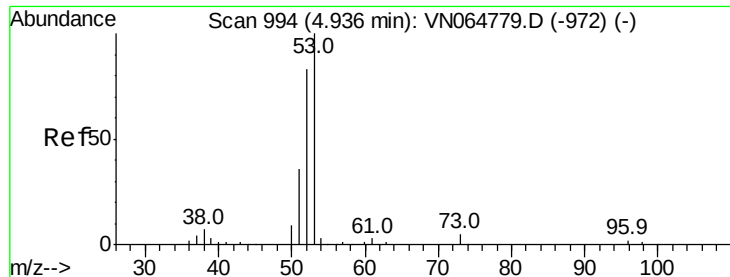
39 61.9 50.9 76.3

76 36.6 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064817.D (-695) (-)





#15

Acrylonitrile

Concen: 252.153 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

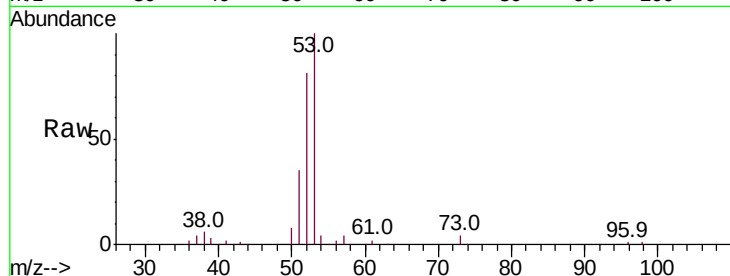
Tot Ion: 53 Resp: 243237

Ion Ratio Lower Upper

53 100

52 79.2 65.5 98.3

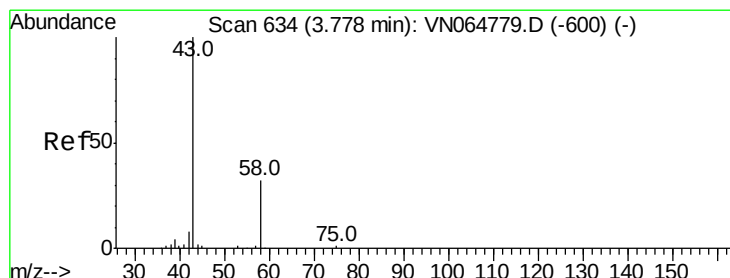
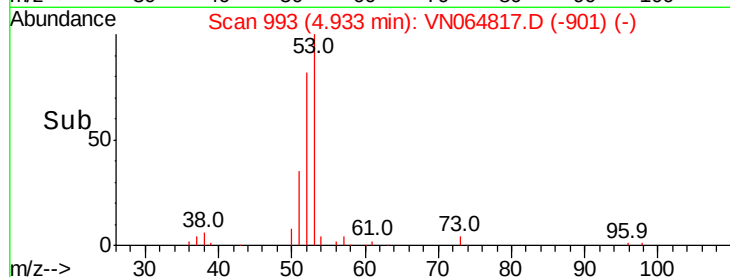
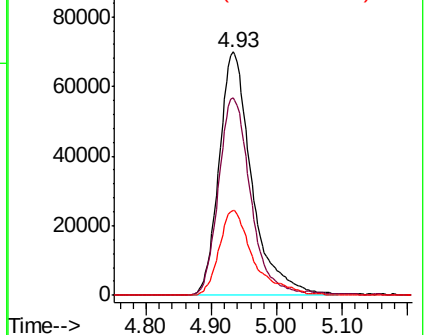
51 36.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 289.848 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064817.D

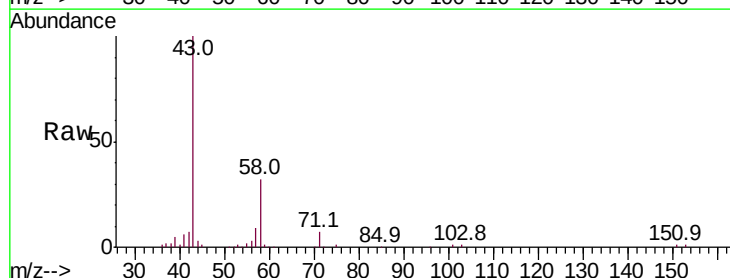
Acq: 24 Nov 2020 17:52

Tgt Ion: 43 Resp: 213341

Ion Ratio Lower Upper

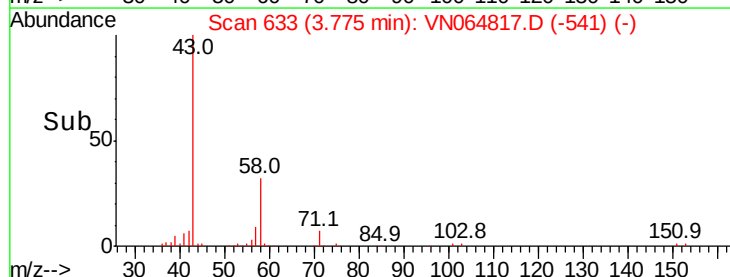
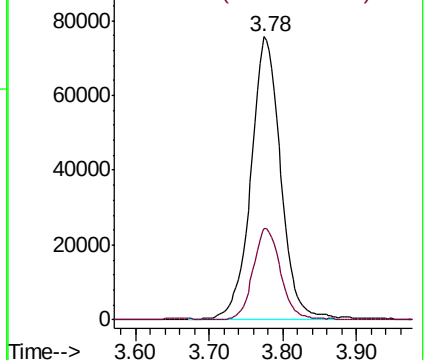
43 100

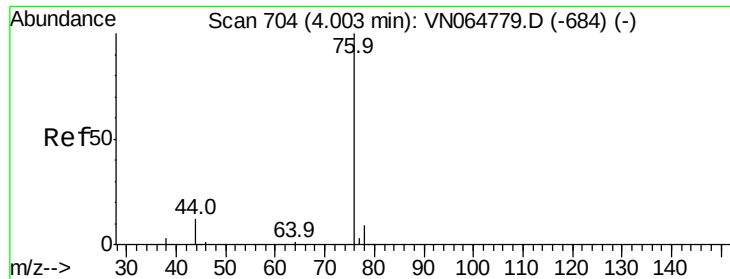
58 32.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

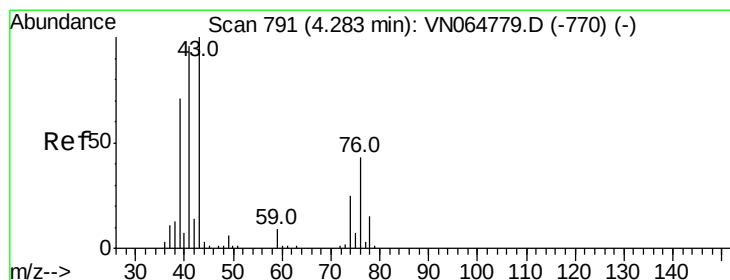
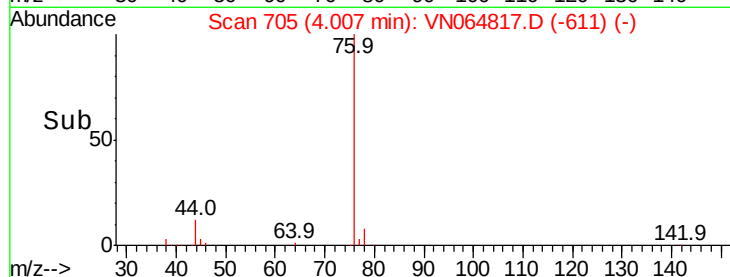
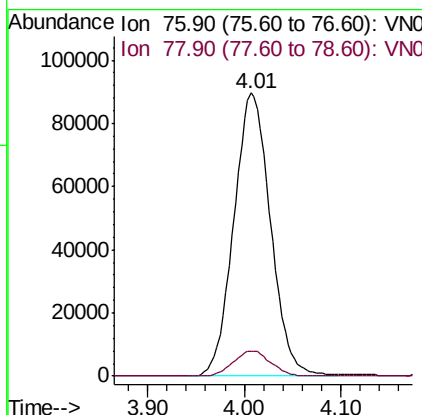
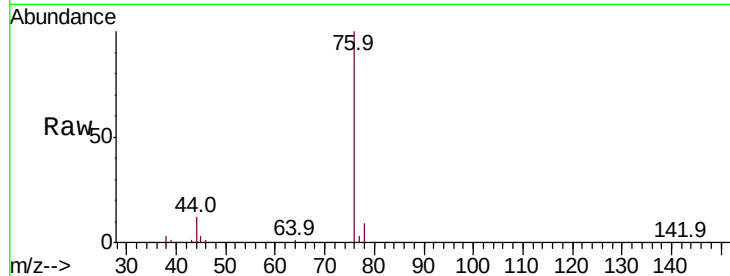




#17
Carbon Disulfide
Concen: 49.030 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

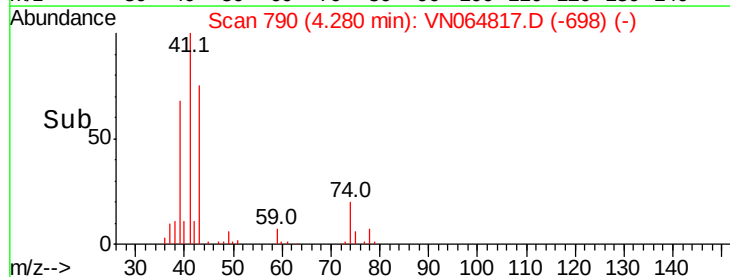
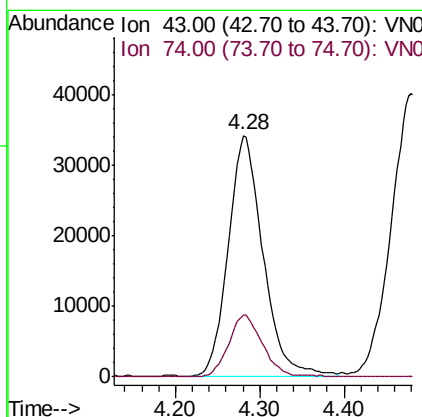
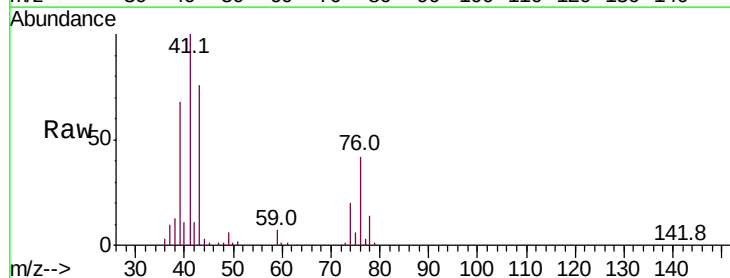
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

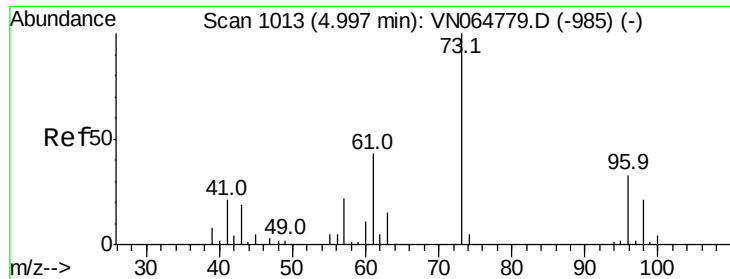
Tot Ion: 76 Resp: 236430
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 44.576 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 43 Resp: 98646
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2

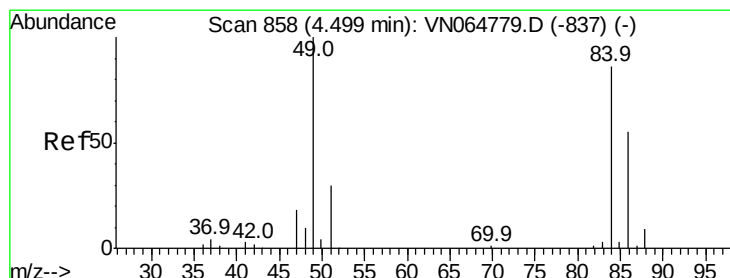
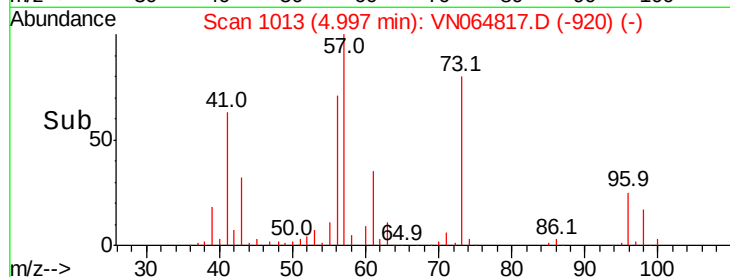
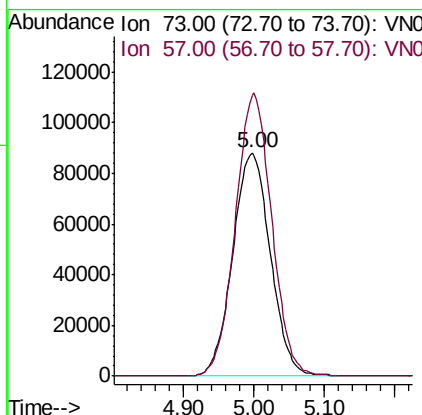
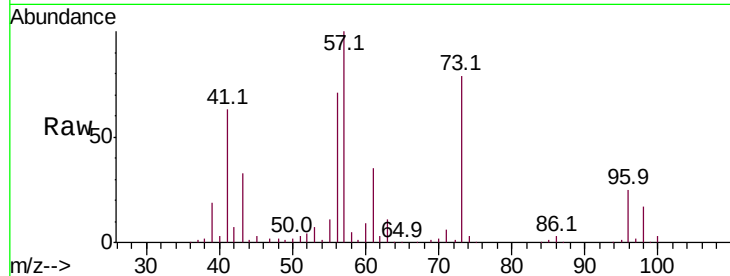




#19
Methyl tert-butyl Ether
Concen: 54.833 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

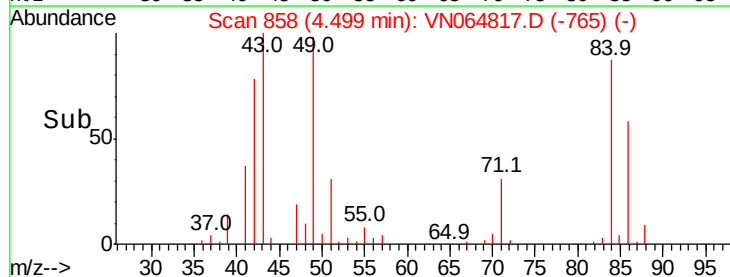
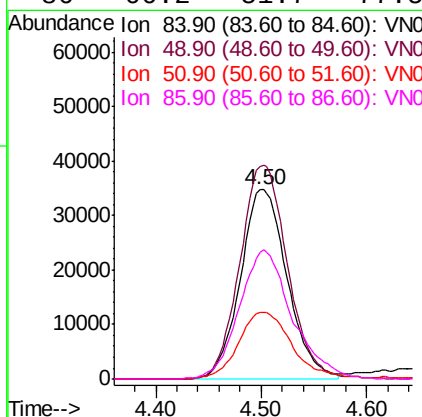
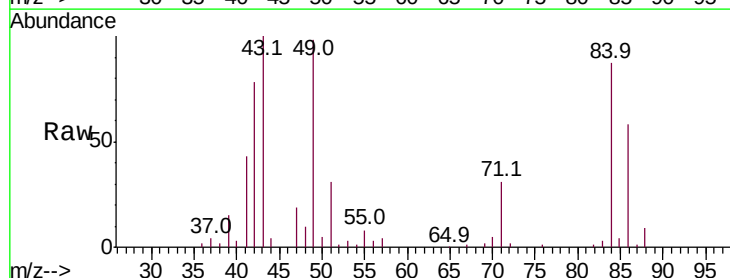
Instrument :
MSVOA_N
ClientSampled :
MW-2MSD

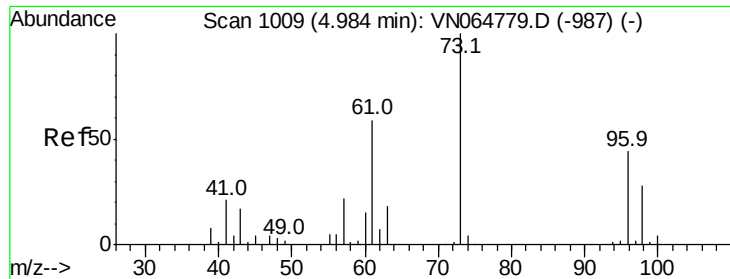
Tot Ion: 73 Resp: 328444
Ion Ratio Lower Upper
73 100
57 126.0 17.4 26.0#



#20
Methylene Chloride
Concen: 46.482 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 84 Resp: 107207
Ion Ratio Lower Upper
84 100
49 112.3 93.4 140.0
51 35.2 28.2 42.4
86 66.2 51.7 77.5

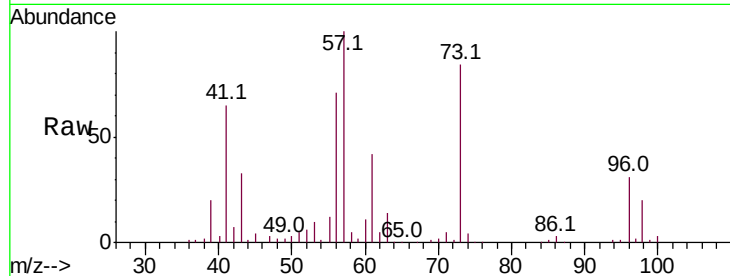




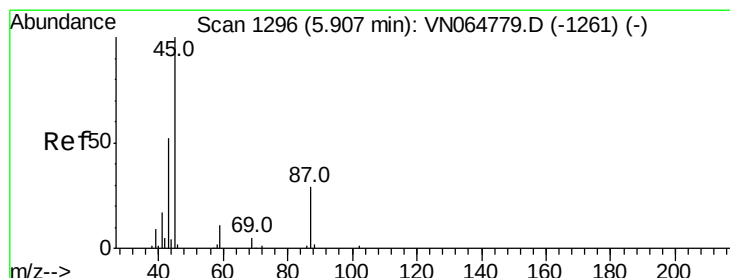
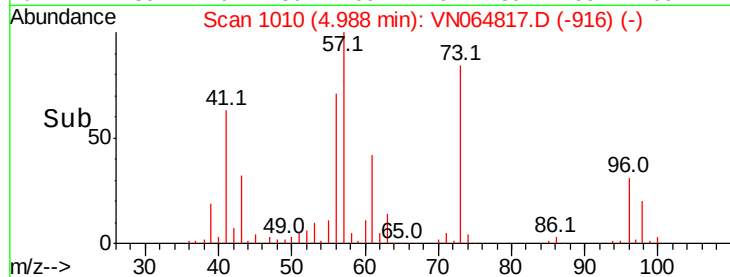
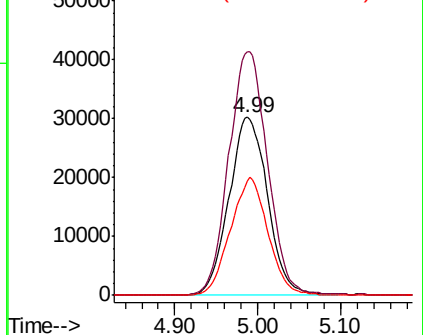
#21
trans-1,2-Dichloroethene
Concen: 47.320 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

Tot Ion: 96 Resp: 98140
Ion Ratio Lower Upper
96 100
61 136.7 108.4 162.6
98 64.4 51.3 76.9

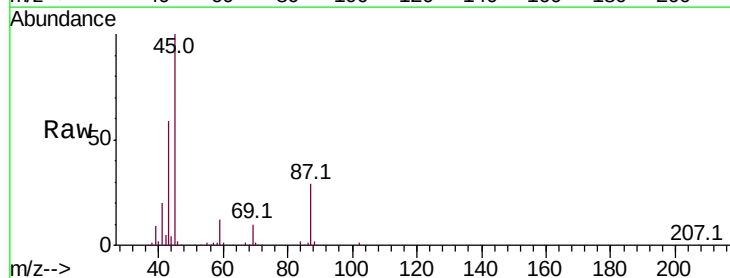


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

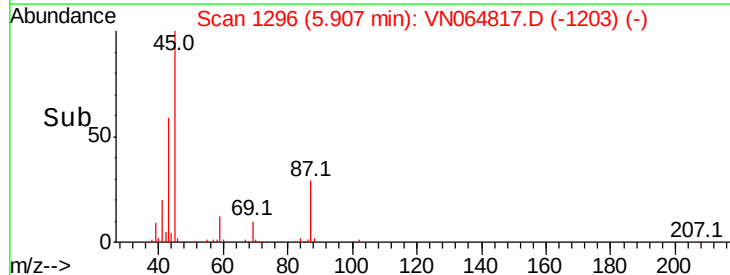
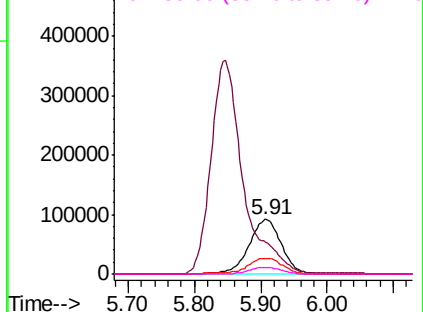


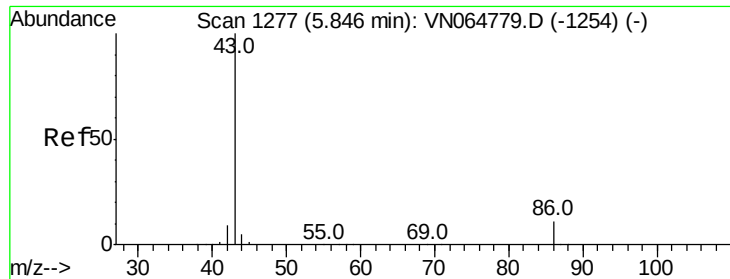
#22
Diisopropyl ether
Concen: 50.491 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 45 Resp: 311301
Ion Ratio Lower Upper
45 100
43 56.9 46.2 69.2
87 29.2 24.1 36.1
59 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 245.769 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

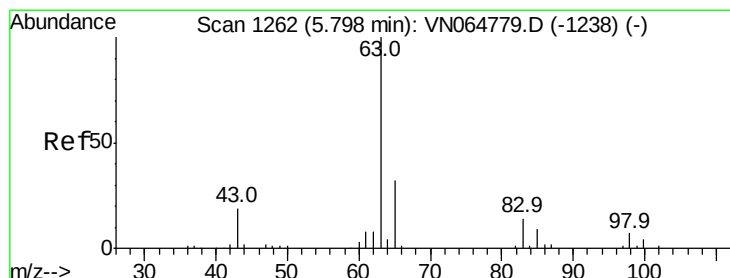
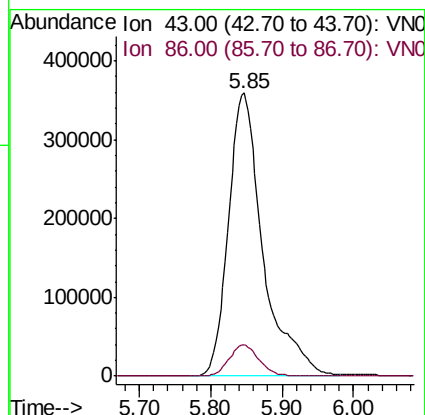
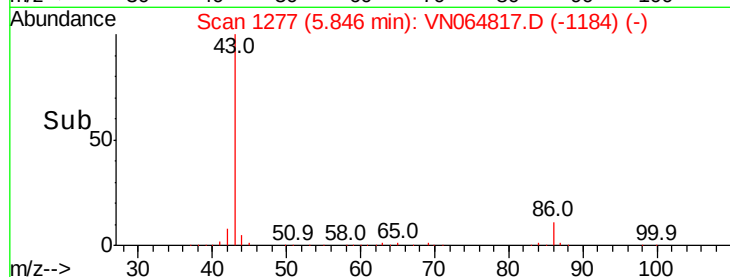
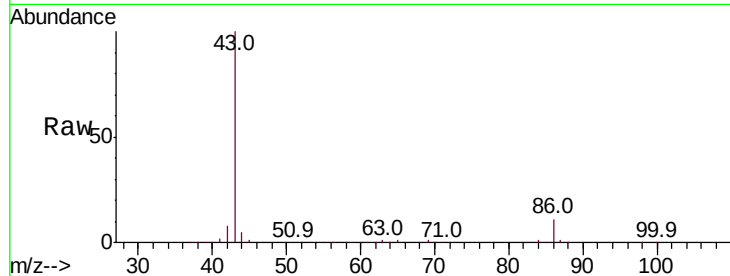
MW-2MSD

Tot Ion: 43 Resp: 1211743

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.500 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

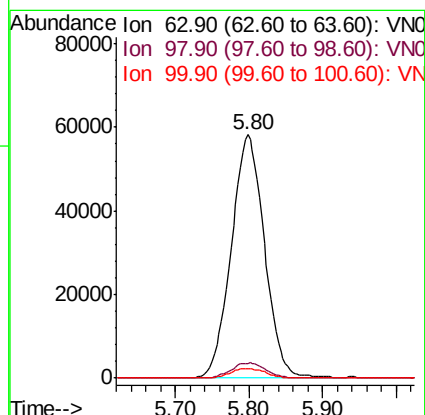
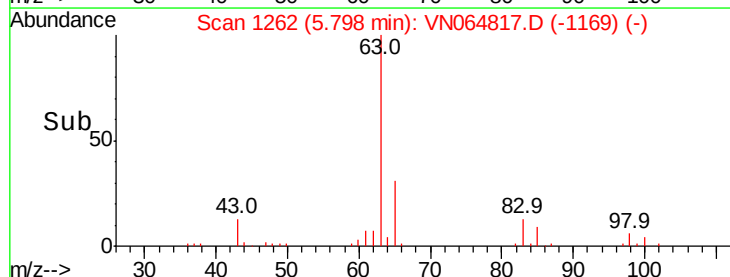
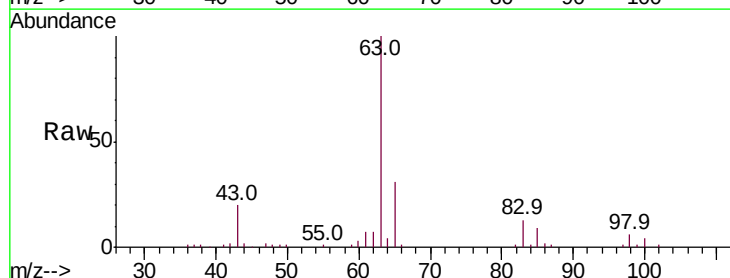
Tgt Ion: 63 Resp: 182395

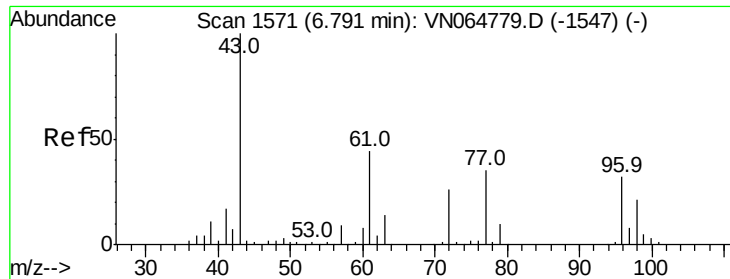
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.9 2.3 6.8





#25

2-Butanone

Concen: 256.515 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

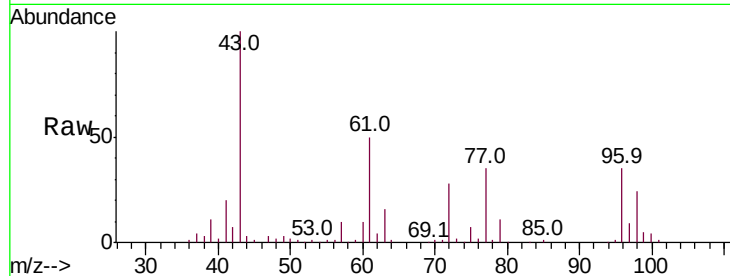
MW-2MSD

Tot Ion: 43 Resp: 306065

Ion Ratio Lower Upper

43 100

72 28.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1547) (-)

6.79

120000

100000

80000

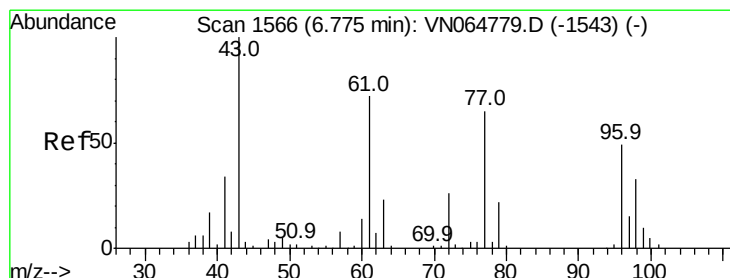
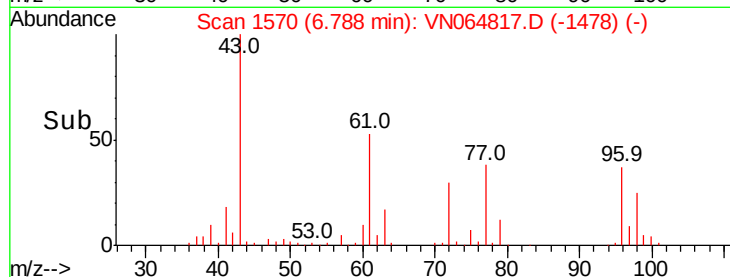
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.504 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064817.D

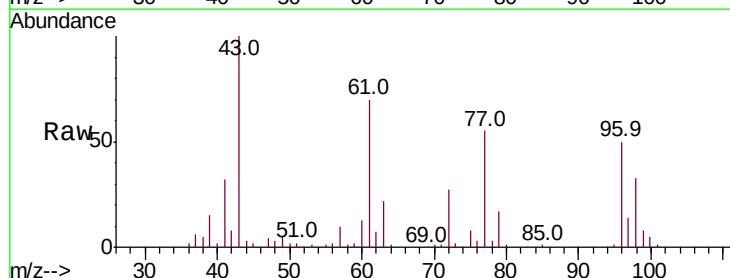
Acq: 24 Nov 2020 17:52

Tgt Ion: 77 Resp: 142224

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN064779.D (-1543) (-)

Ion 96.90 (96.60 to 97.60): VN064779.D (-1543) (-)

6.78

50000

40000

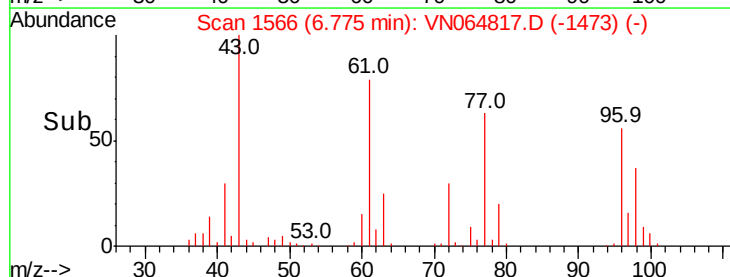
30000

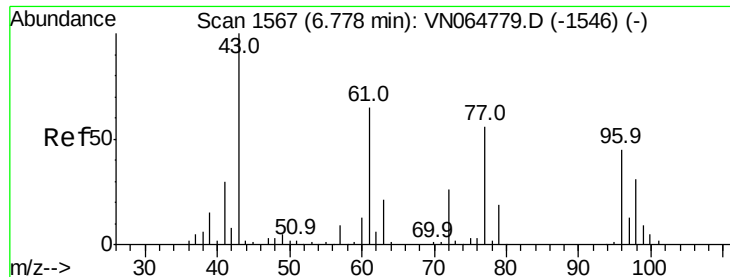
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.328 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

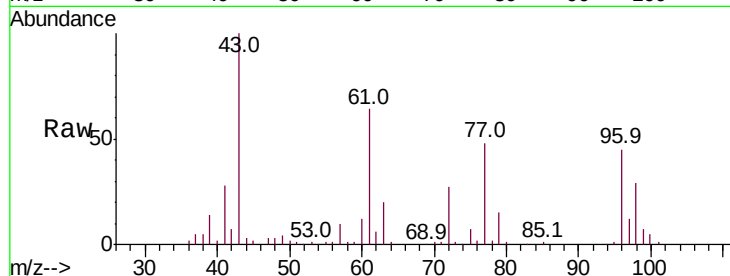
Tot Ion: 96 Resp: 119788

Ion Ratio Lower Upper

96 100

61 141.3 0.0 285.8

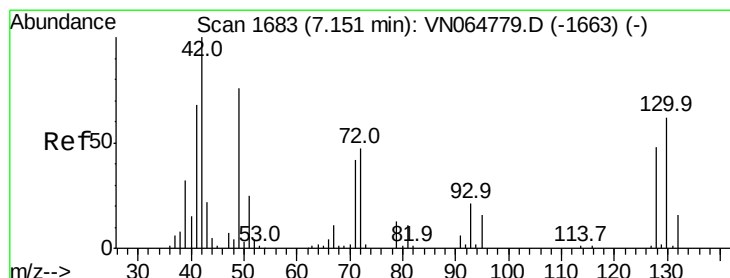
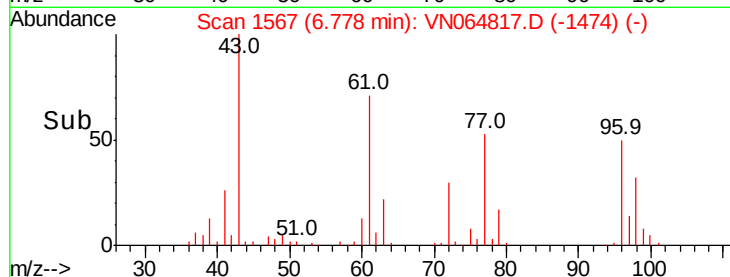
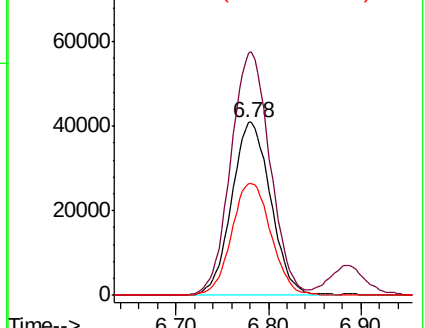
98 65.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 49.383 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

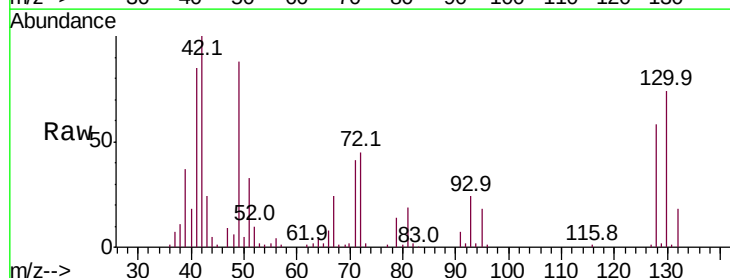
Tgt Ion: 49 Resp: 83244

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

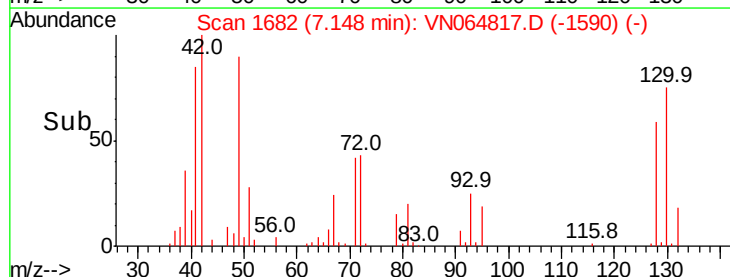
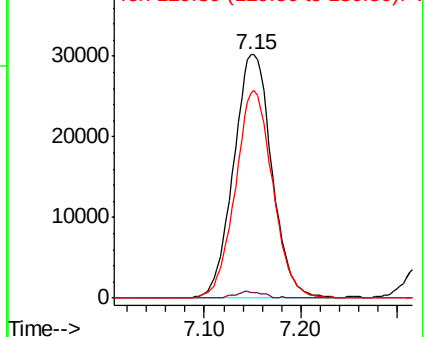
130 82.9 66.2 99.2

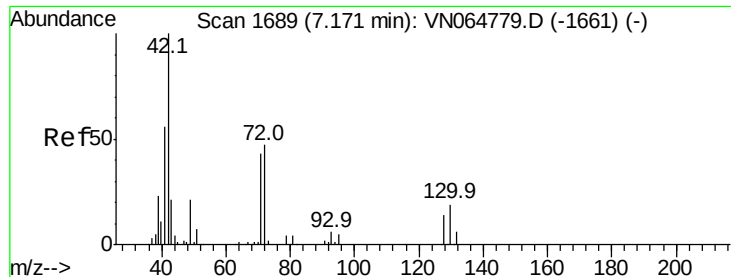


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

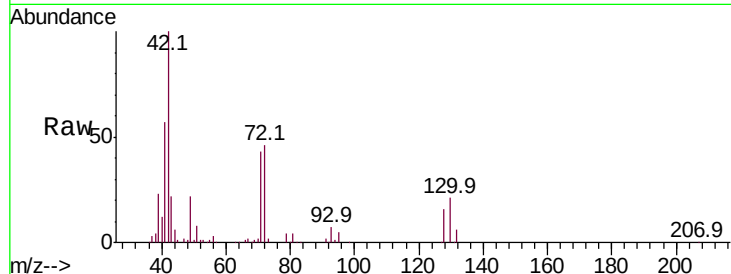




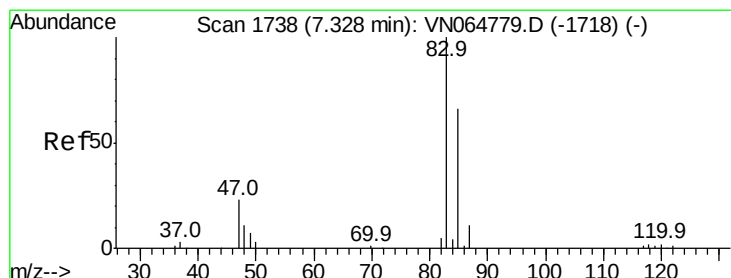
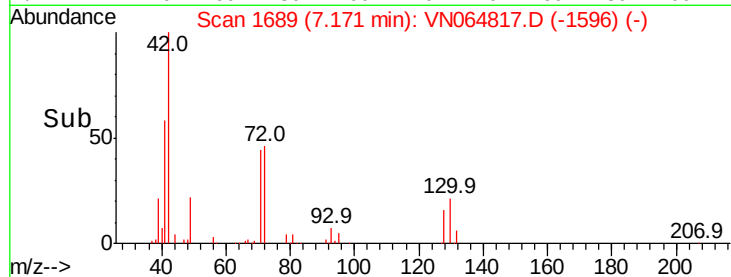
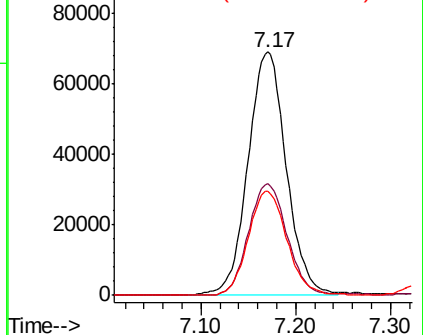
#29
Tetrahydrofuran
Concen: 236.523 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

Tot Ion: 42 Resp: 194808
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 43.2 33.6 50.4

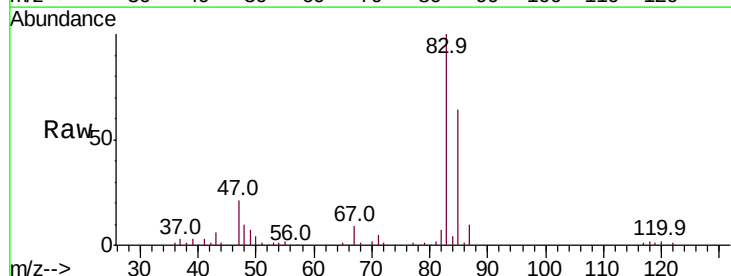


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

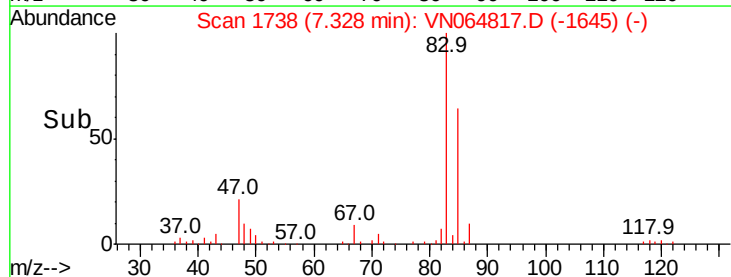
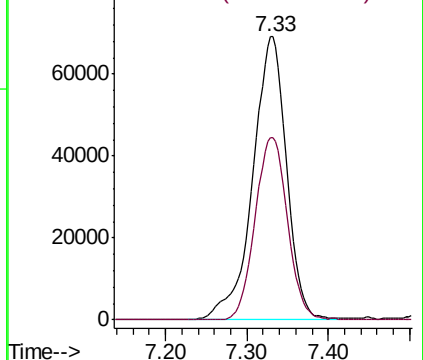


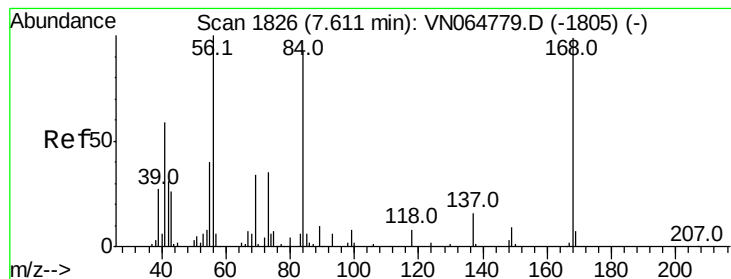
#30
Chloroform
Concen: 52.331 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 83 Resp: 198849
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 76.504 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

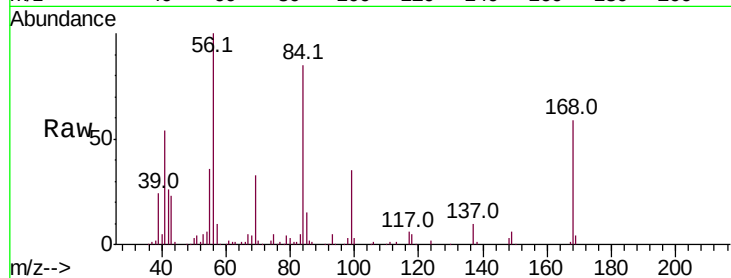
Tot Ion: 56 Resp: 238748

Ion Ratio Lower Upper

56 100

69 32.0 27.5 41.3

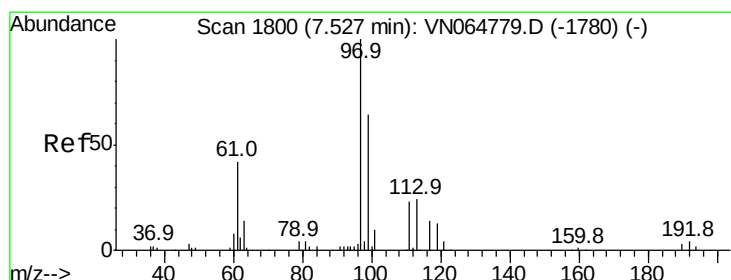
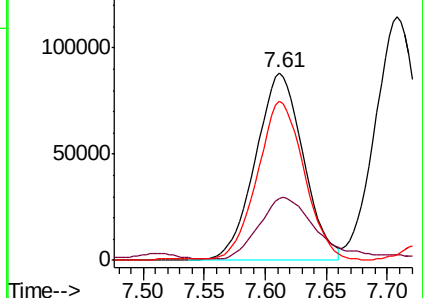
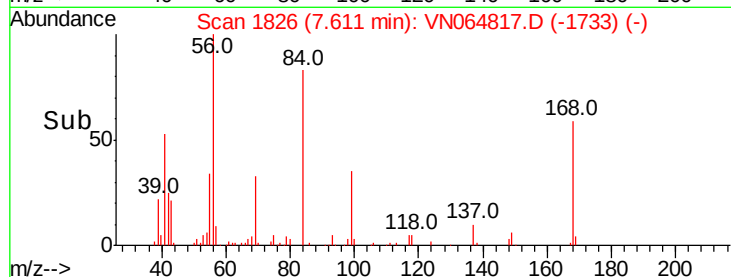
84 84.3 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064817.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064817.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064817.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 48.580 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

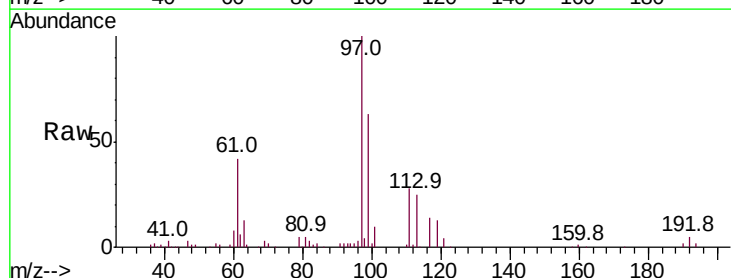
Tgt Ion: 97 Resp: 158545

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

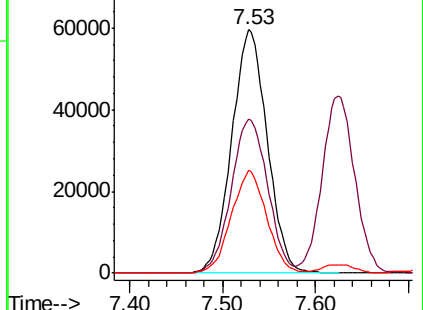
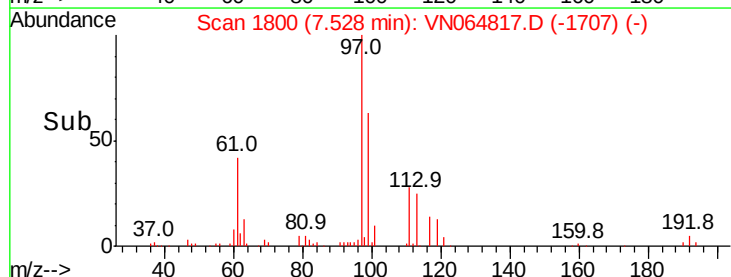
61 41.9 33.9 50.9

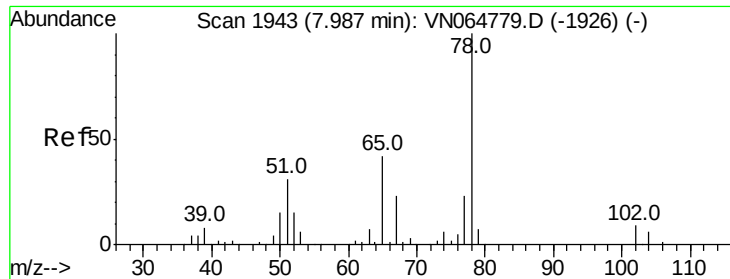


Abundance Ion 96.90 (96.60 to 97.60): VN064817.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064817.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064817.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.401 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

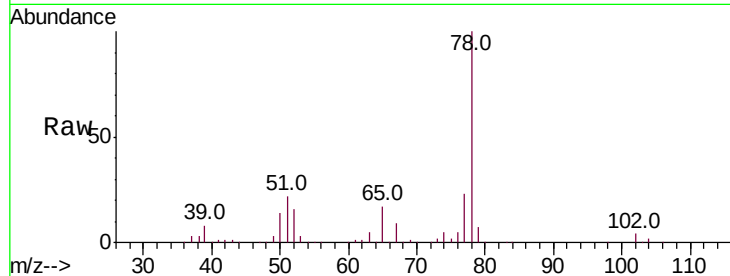
MW-2MSD

Tot Ion: 65 Resp: 108372

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

30000

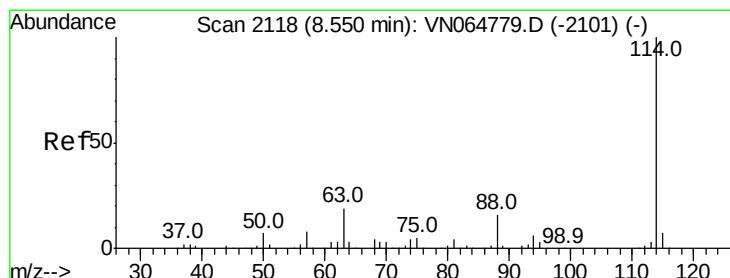
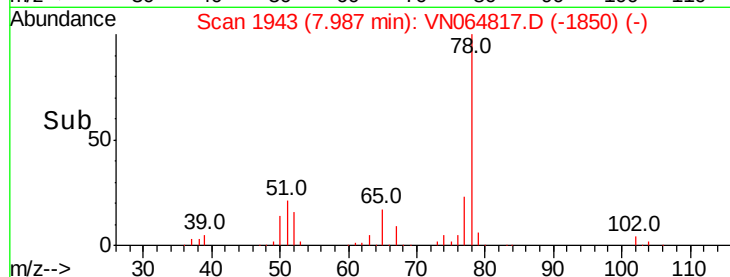
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

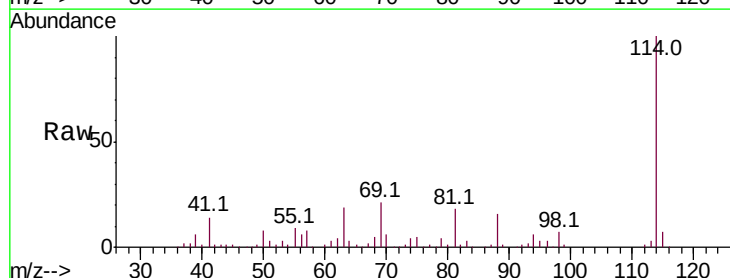
Tgt Ion: 114 Resp: 311356

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

88 16.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

200000

150000

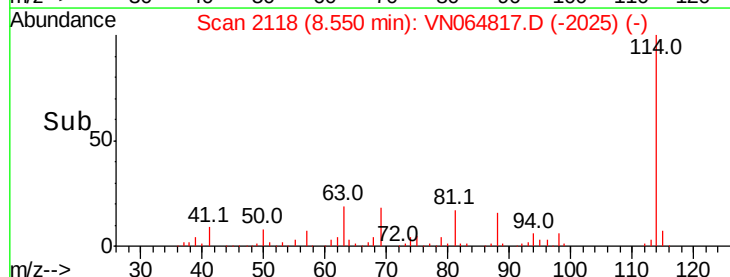
100000

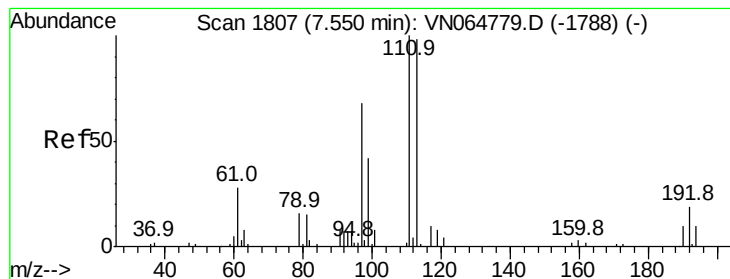
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65





#35

Dibromofluoromethane

Concen: 50.531 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

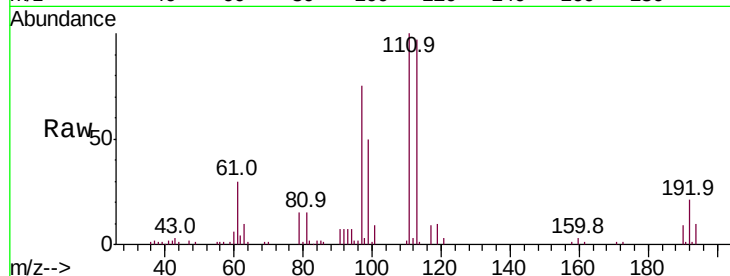
Tot Ion:113 Resp: 94142

Ion Ratio Lower Upper

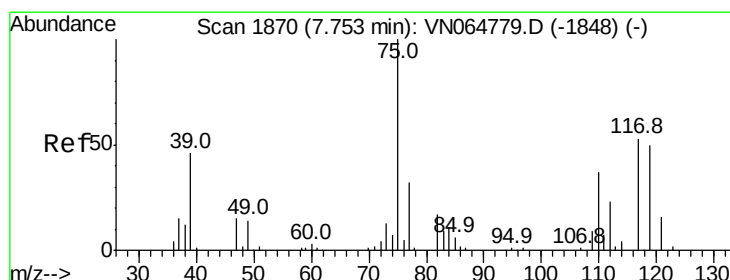
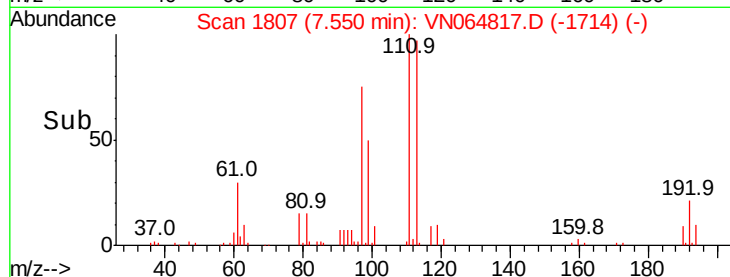
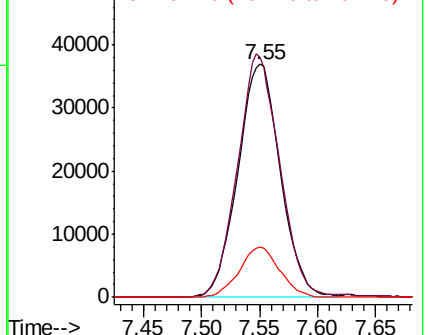
113 100

111 103.4 81.6 122.4

192 20.4 16.2 24.2



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



#36

1,1-Dichloropropene

Concen: 47.149 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

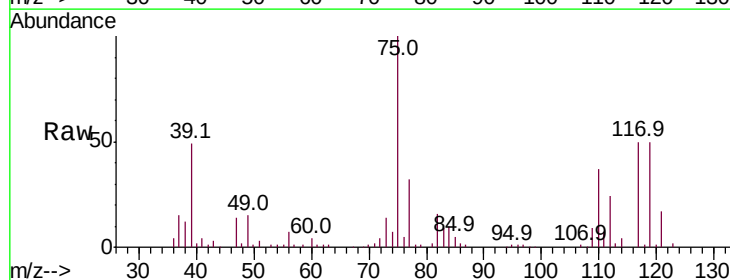
Tgt Ion: 75 Resp: 136069

Ion Ratio Lower Upper

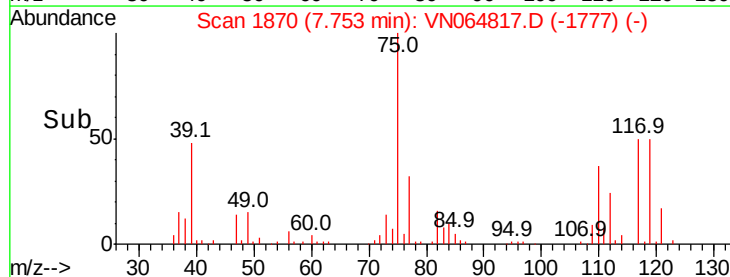
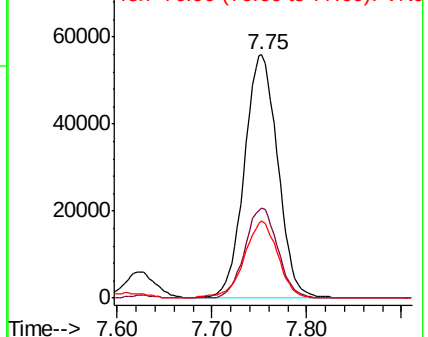
75 100

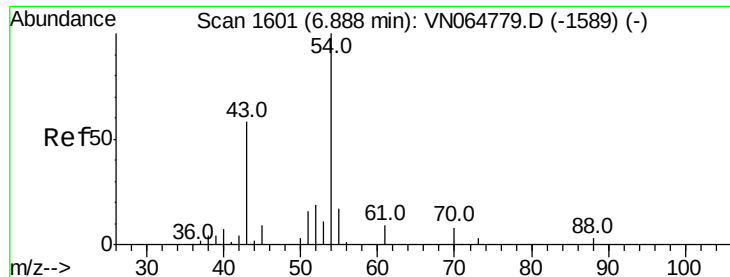
110 36.8 17.8 53.3

77 31.4 25.0 37.4



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

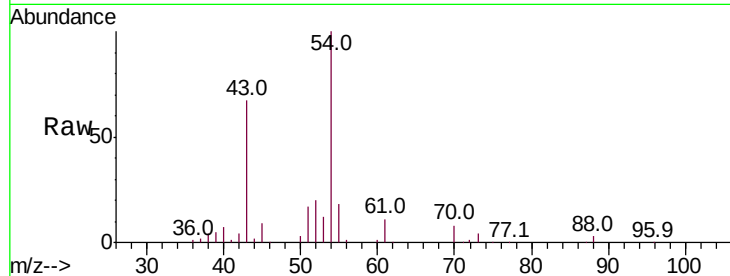




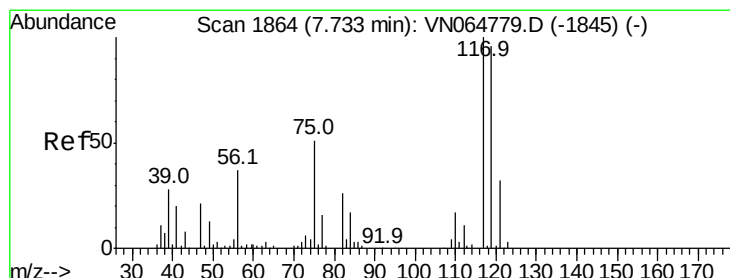
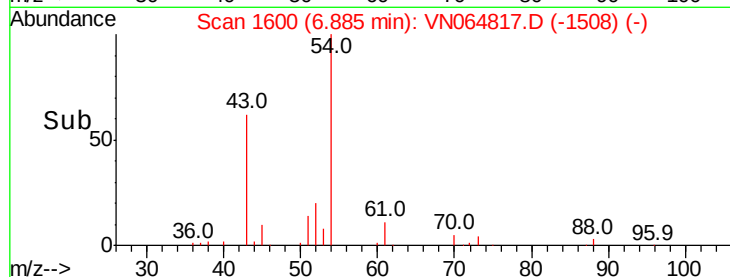
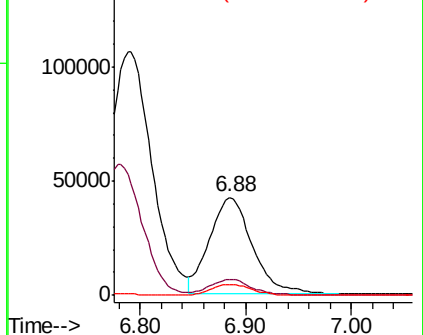
#37
Ethyl Acetate
Concen: 43.052 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Instrument :
MSVOA_N
ClientSampled :
MW-2MSD

Tot Ion: 43 Resp: 119682
Ion Ratio Lower Upper
43 100
61 16.8 12.8 19.2
70 11.3 8.8 13.2

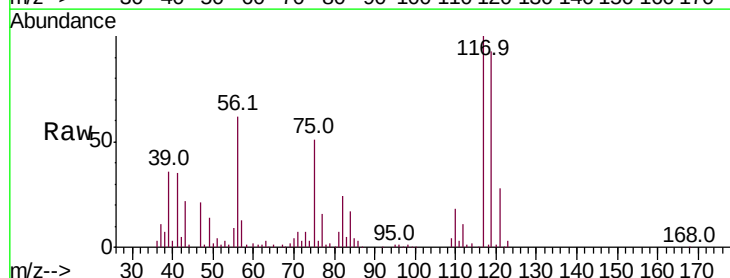


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

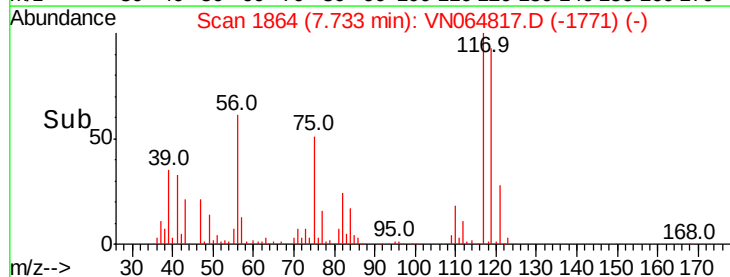
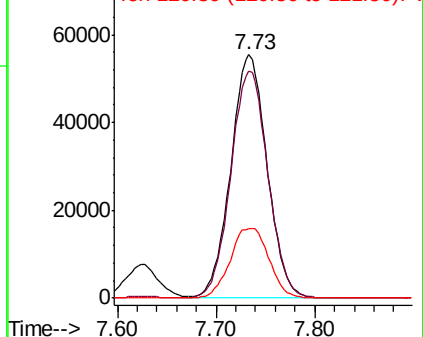


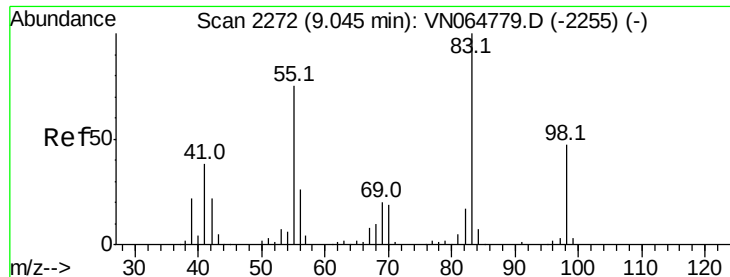
#38
Carbon Tetrachloride
Concen: 47.296 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 117 Resp: 142021
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1
121 28.5 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

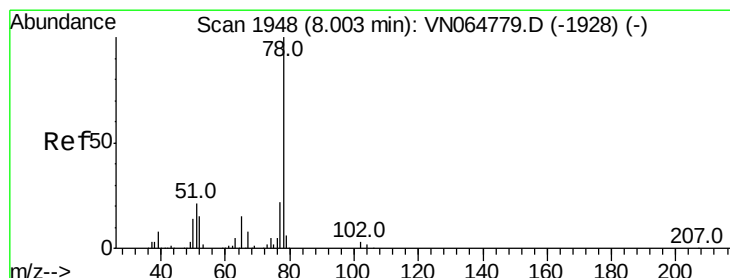
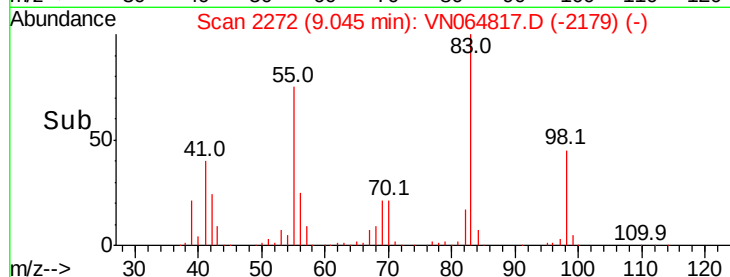
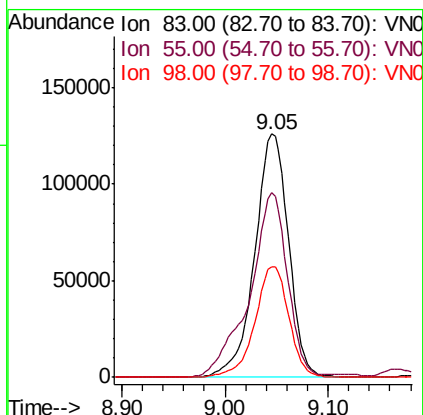
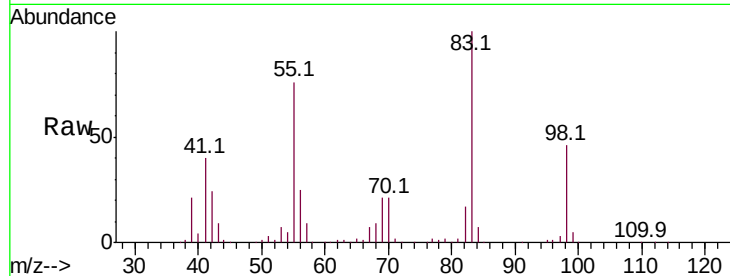




#39
Methylvlcyclohexane
Concen: 92.116 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

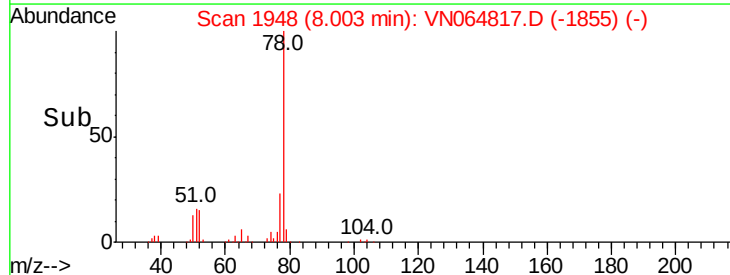
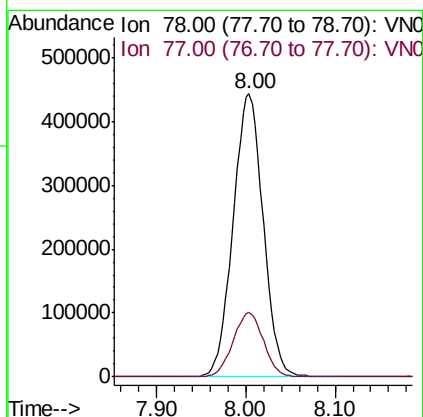
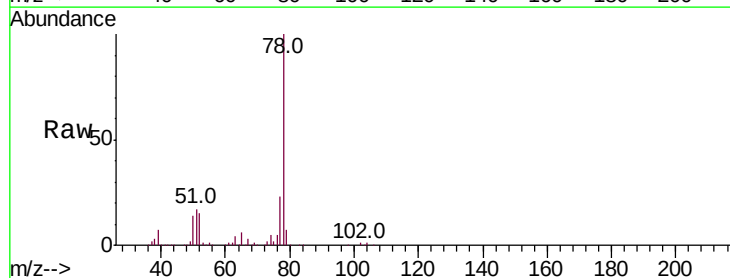
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

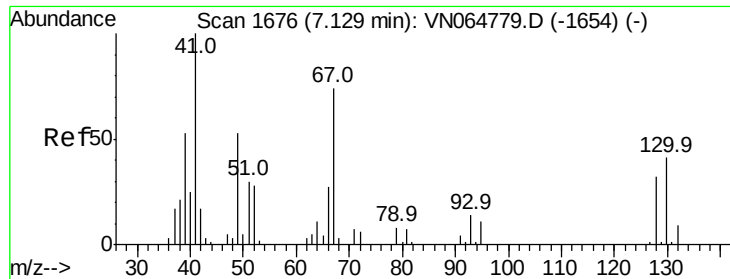
Tot Ion: 83 Resp: 286181
Ion Ratio Lower Upper
83 100
55 75.6 60.2 90.2
98 45.6 37.4 56.2



#40
Benzene
Concen: 117.222 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 78 Resp: 1036666
Ion Ratio Lower Upper
78 100
77 22.8 17.9 26.9

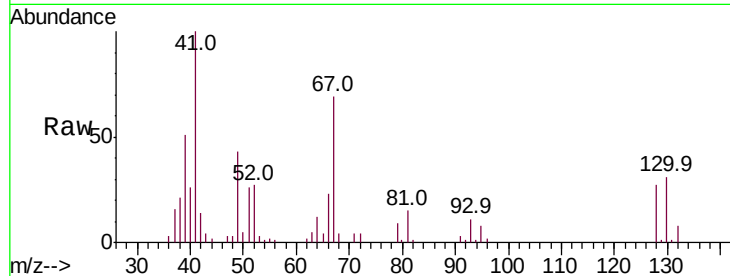




#41
Methacrylonitrile
Concen: 49.829 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

Tot Ion:	41	Resp:	63917
Ion	Ratio	Lower	Upper
41	100		
39	52.6	51.0	76.6
67	86.4	79.8	119.8
52	33.2	31.5	47.3



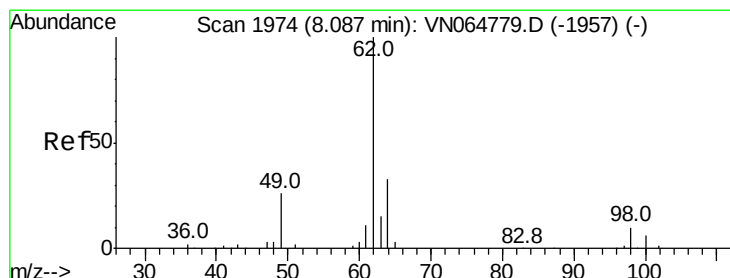
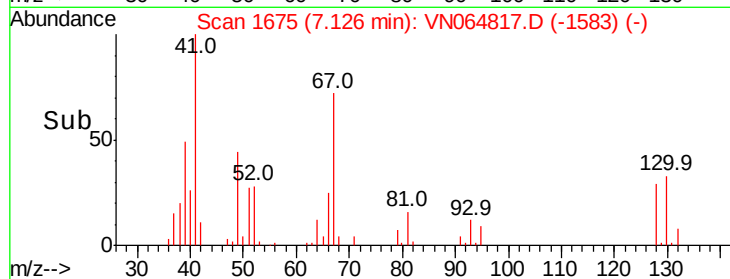
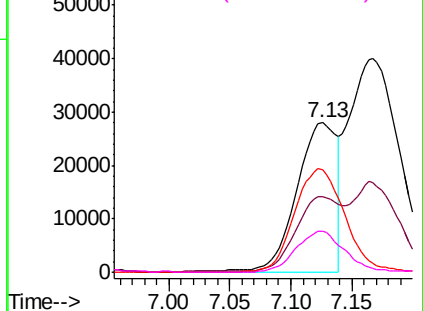
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

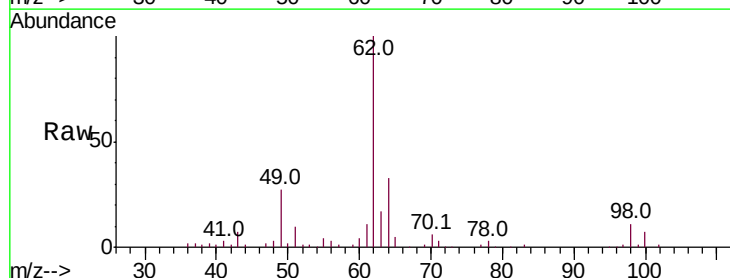
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 46.758 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

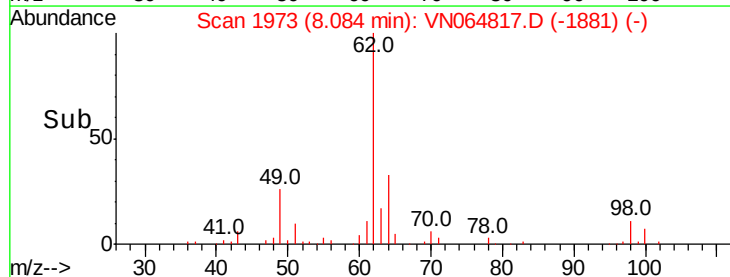
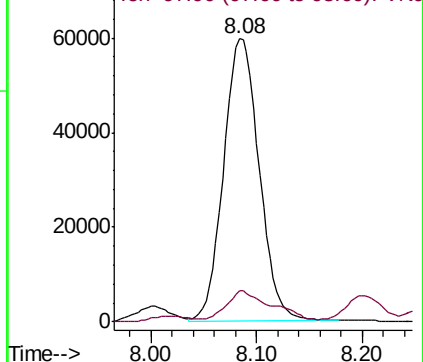
Tgt Ion:	62	Resp:	139495
Ion	Ratio	Lower	Upper
62	100		
98	14.3	0.0	19.6

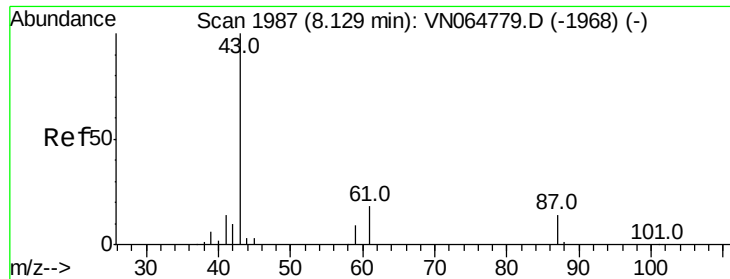


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 54.412 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

MW-2MSD

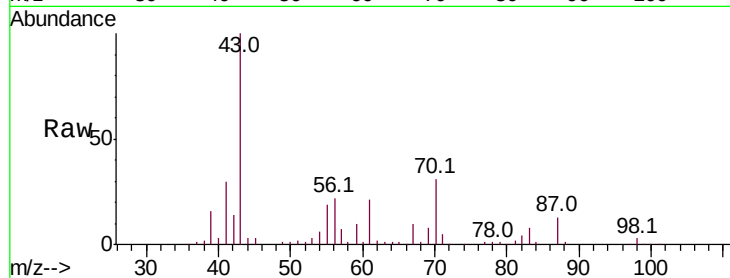
Tot Ion: 43 Resp: 243401

Ion Ratio Lower Upper

43 100

61 18.2 17.2 25.8

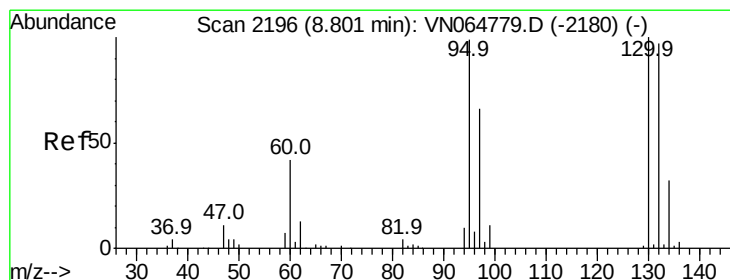
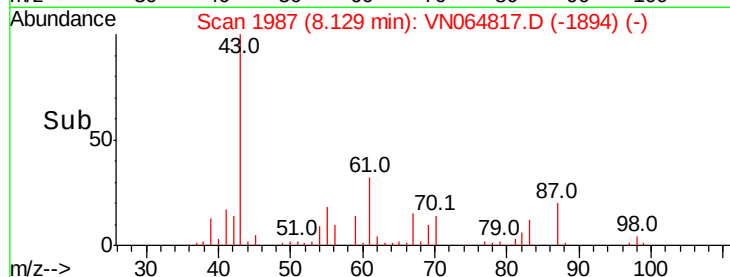
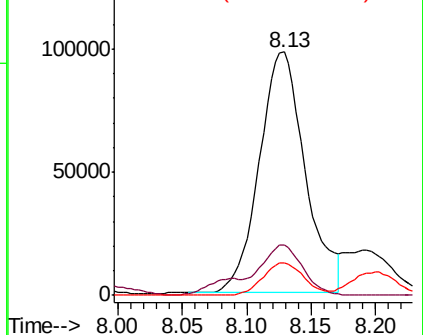
87 12.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064817.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064817.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064817.D (-1968) (-)



#44

Trichloroethene

Concen: 46.034 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064817.D

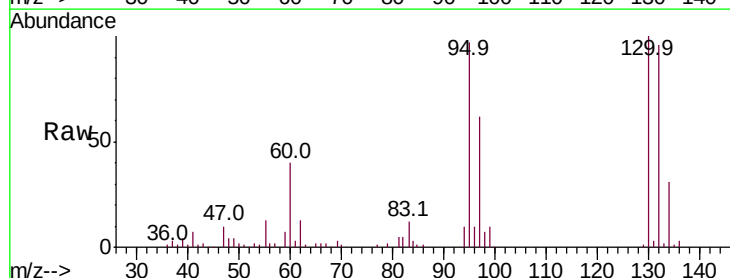
Acq: 24 Nov 2020 17:52

Tgt Ion:130 Resp: 120118

Ion Ratio Lower Upper

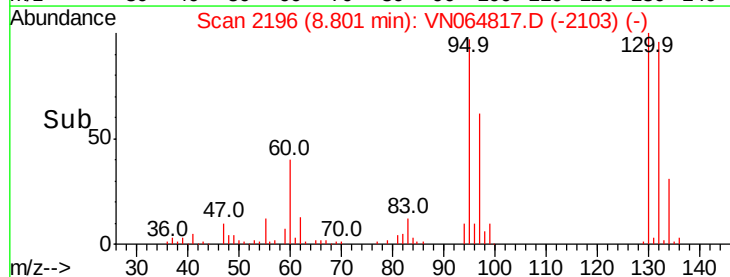
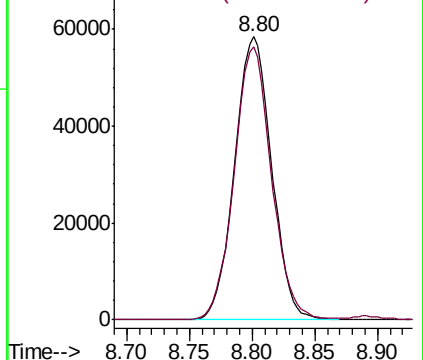
130 100

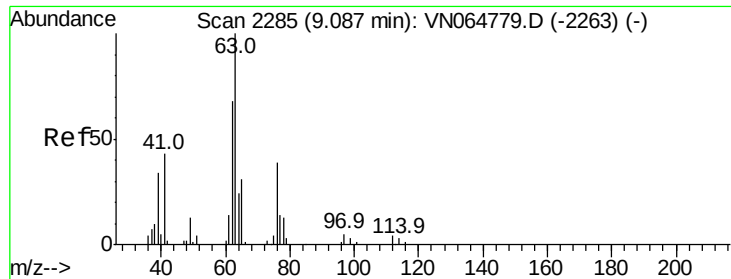
95 96.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064817.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064817.D (-2180) (-)

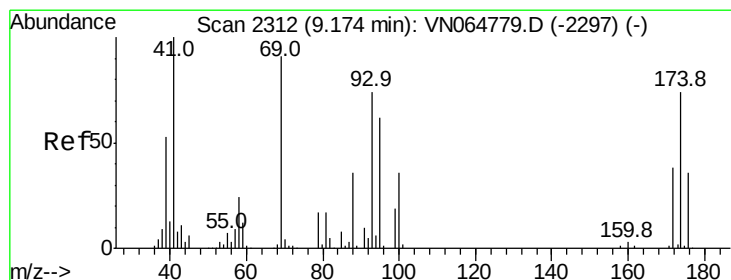
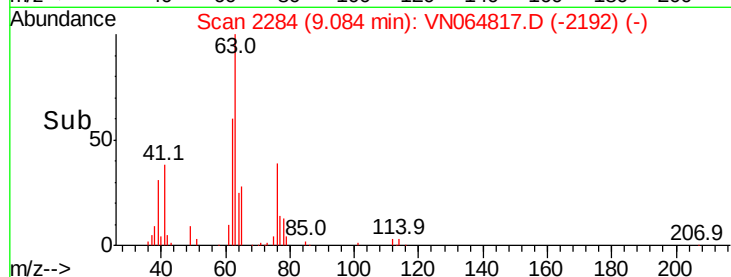
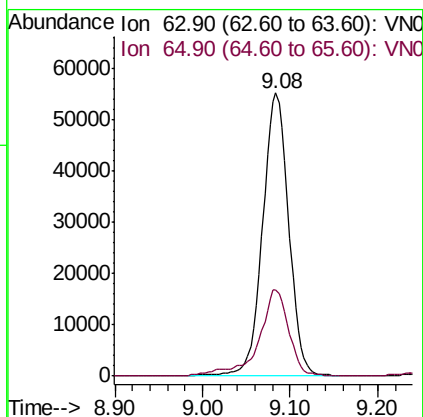
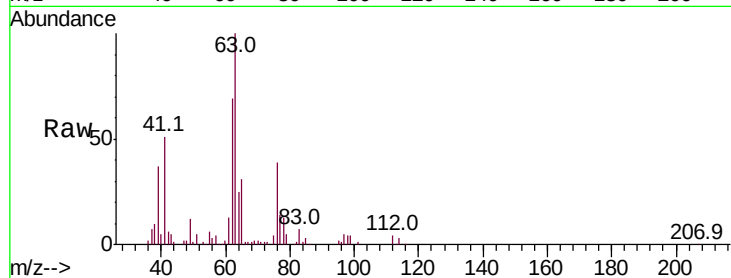




#45
 1,2-Dichloropropane
 Concen: 49.849 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

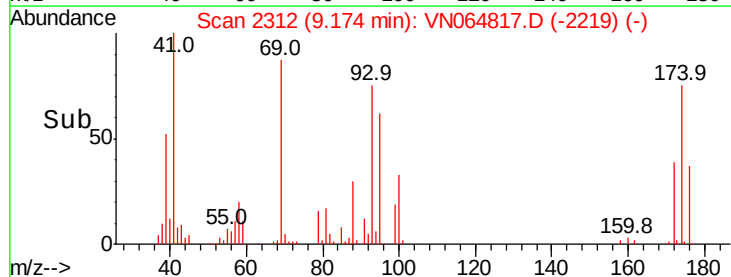
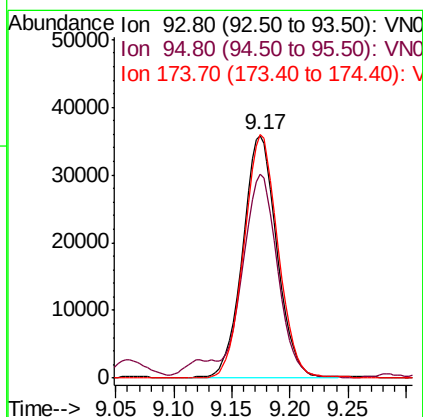
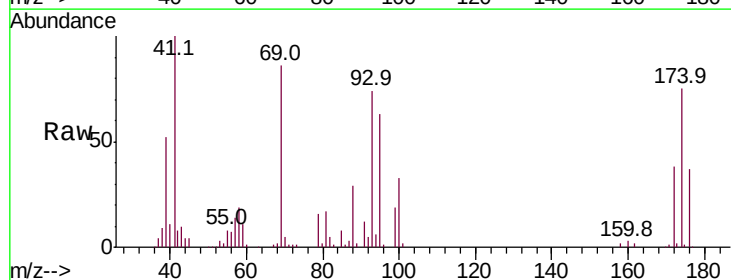
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

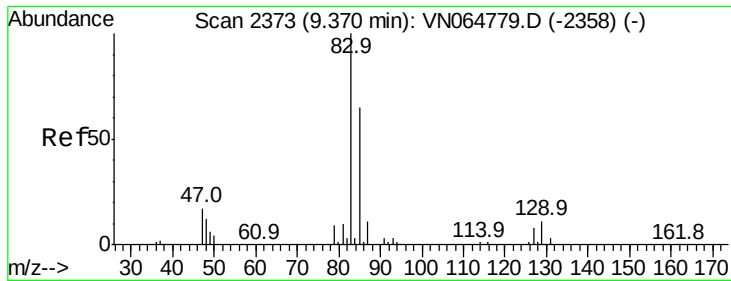
Tot Ion: 63 Resp: 114165
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 48.136 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 93 Resp: 73648
 Ion Ratio Lower Upper
 93 100
 95 85.3 68.8 103.2
 174 99.9 83.1 124.7





#47

Bromodichloromethane

Concen: 51.065 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

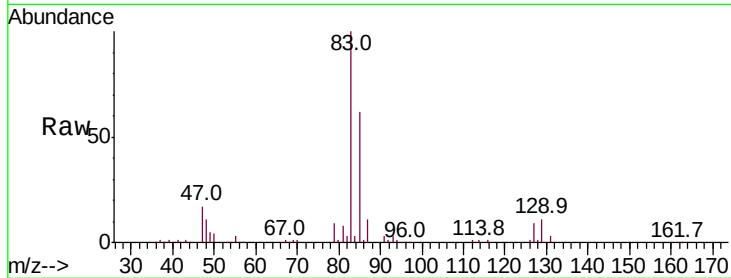
Tot Ion: 83 Resp: 157207

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.8

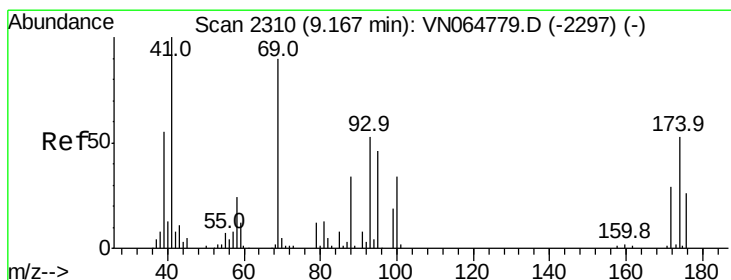
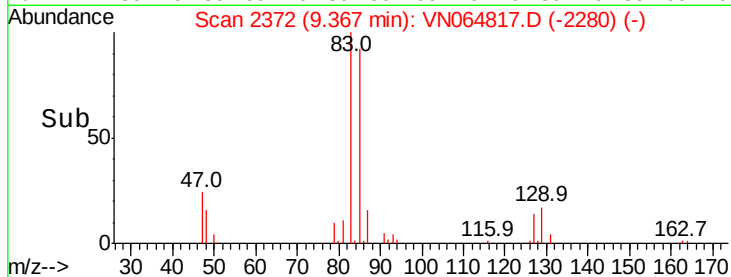
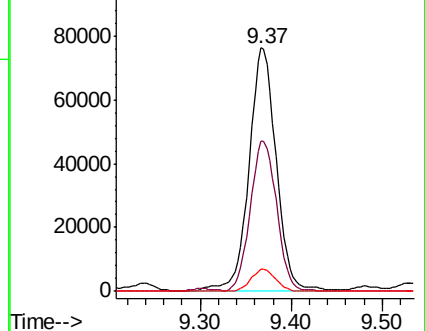
127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 46.279 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

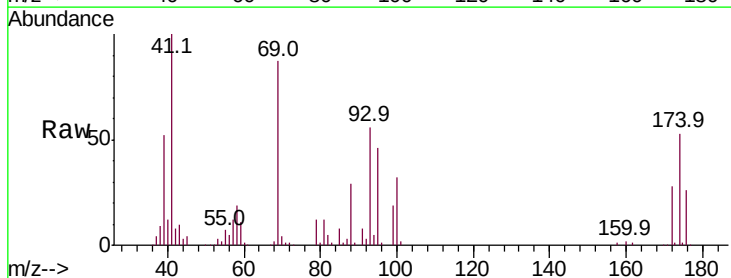
Tgt Ion: 41 Resp: 98921

Ion Ratio Lower Upper

41 100

69 93.4 71.8 107.8

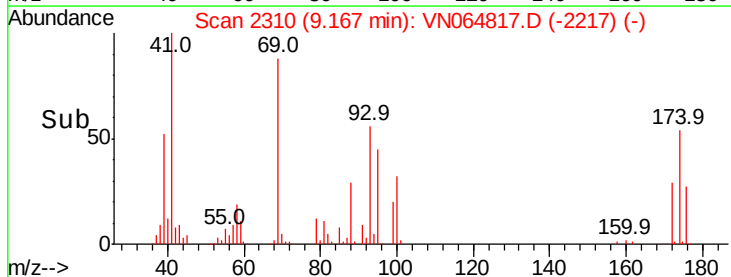
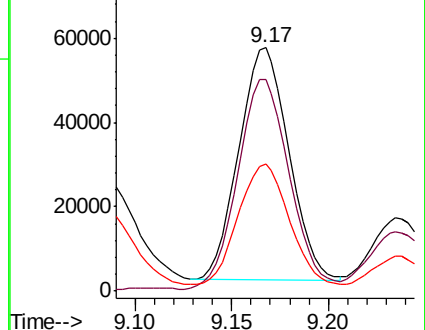
39 52.1 44.1 66.1

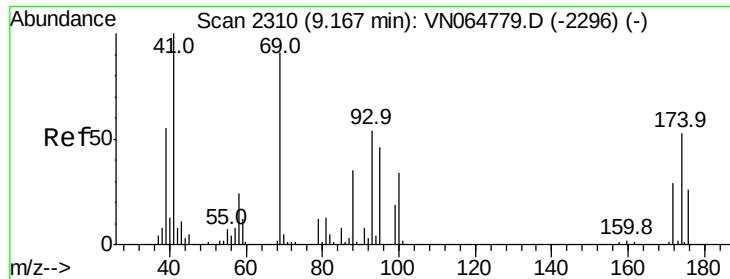


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





#49

1,4-Dioxane

Concen: 837.864 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

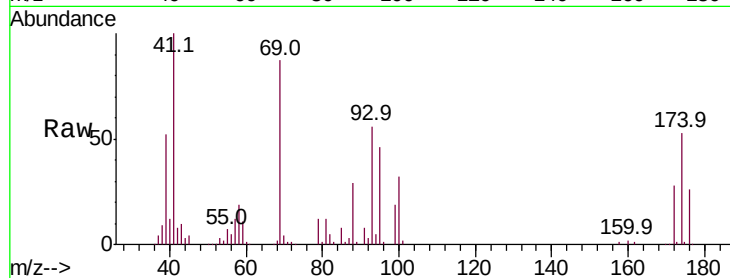
Tot Ion: 88 Resp: 33849

Ion Ratio Lower Upper

88 100

43 23.5 24.2 36.4#

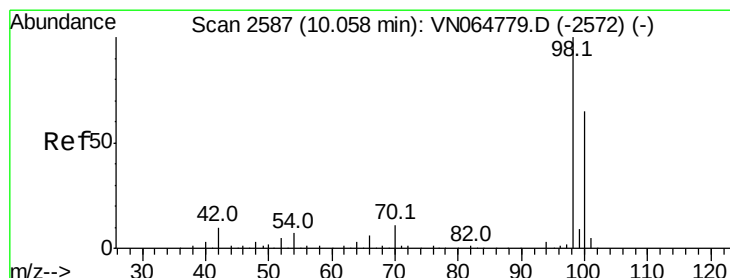
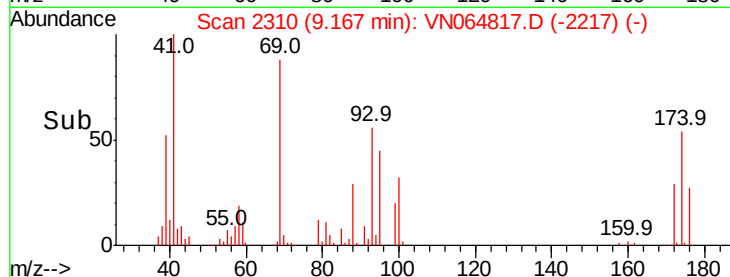
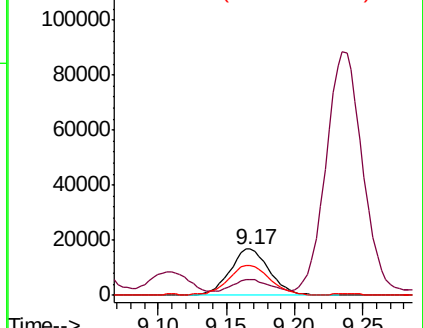
58 66.0 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.535 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064817.D

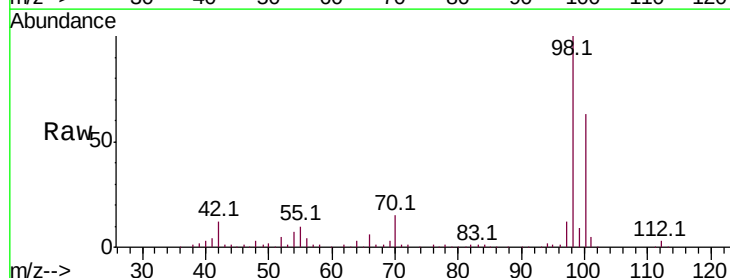
Acq: 24 Nov 2020 17:52

Tgt Ion: 98 Resp: 369465

Ion Ratio Lower Upper

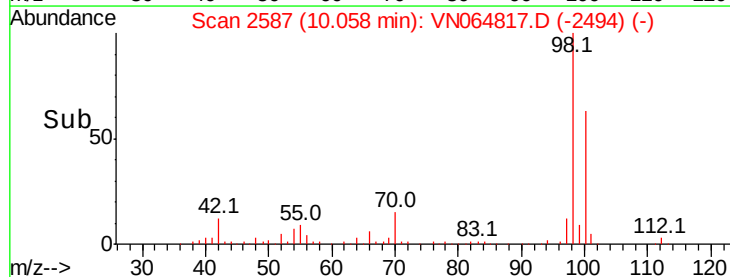
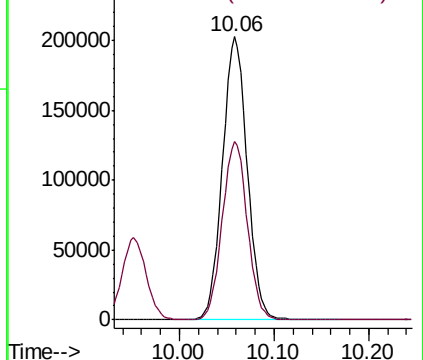
98 100

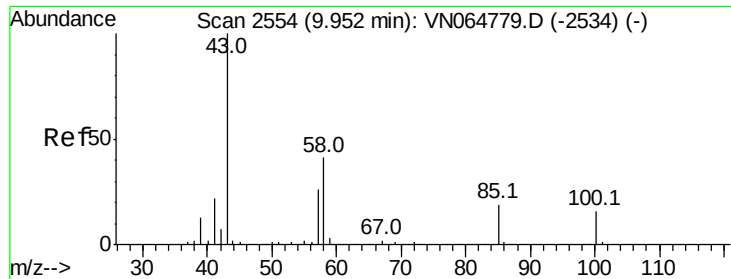
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

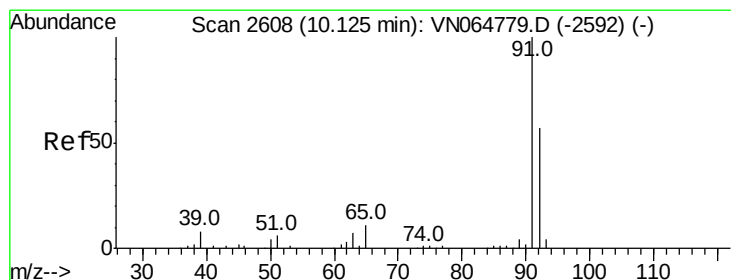
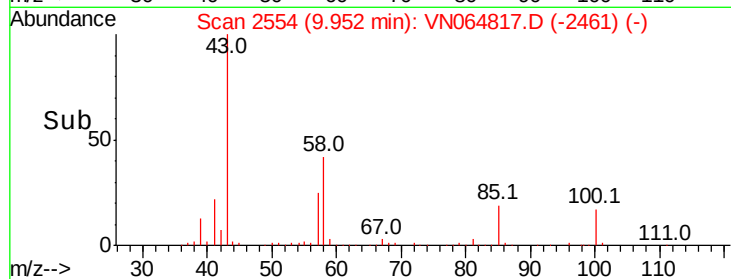
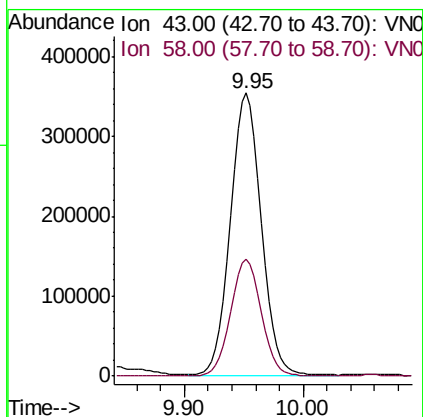
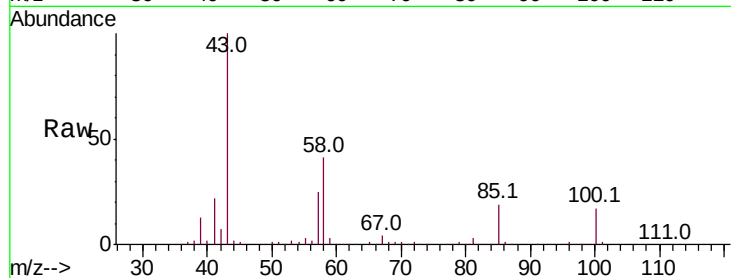




#51
4-Methyl-2-Pentanone
Concen: 235.971 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

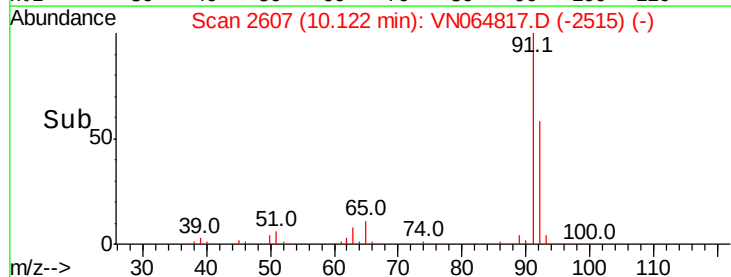
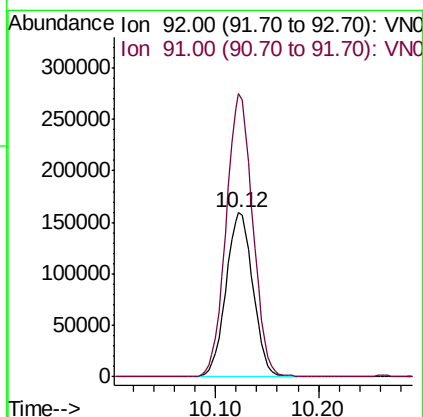
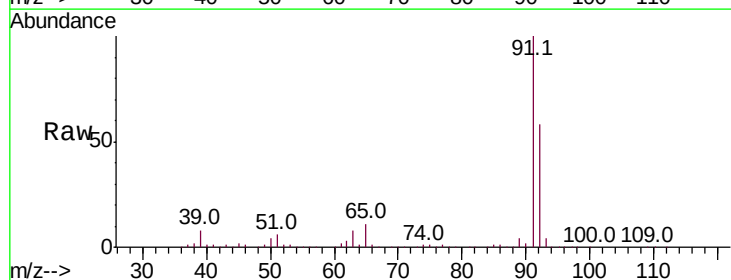
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

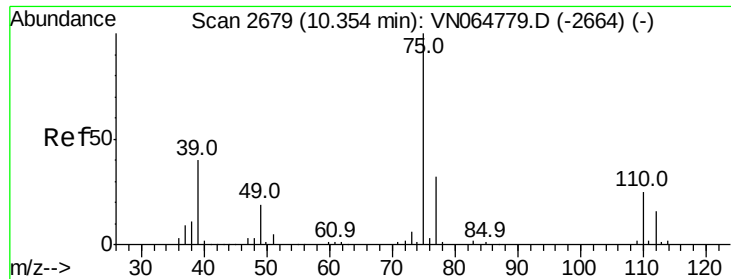
Tot Ion: 43 Resp: 633705
Ion Ratio Lower Upper
43 100
58 41.4 32.4 48.6



#52
Toluene
Concen: 53.462 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 92 Resp: 291166
Ion Ratio Lower Upper
92 100
91 169.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 46.376 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

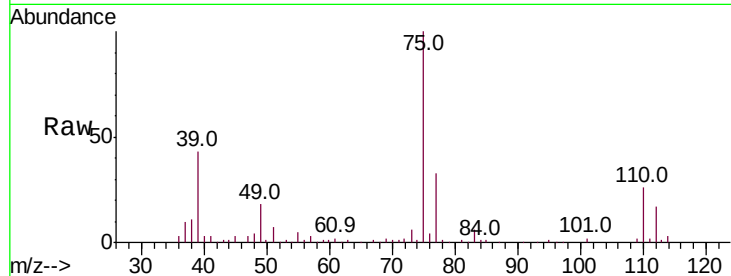
MW-2MSD

Tot Ion: 75 Resp: 159019

Ion Ratio Lower Upper

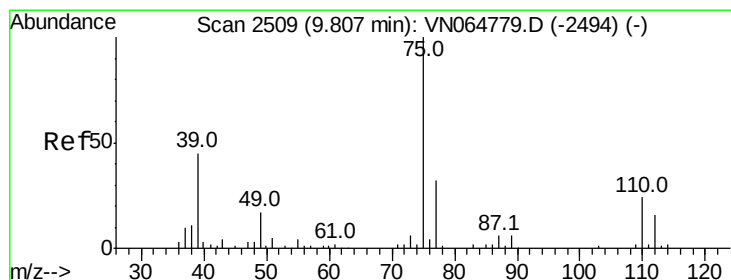
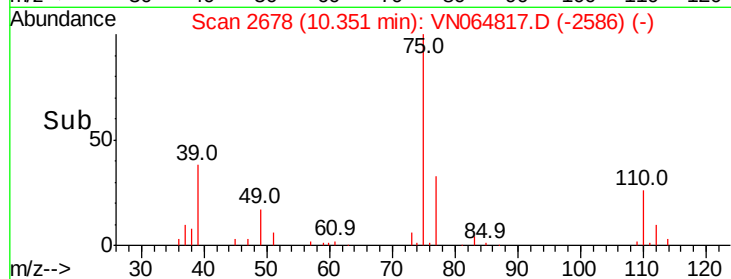
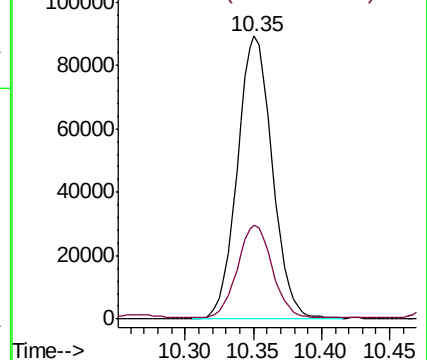
75 100

77 32.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.499 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

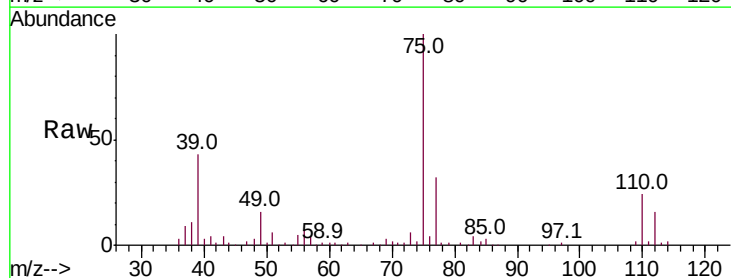
Tgt Ion: 75 Resp: 178251

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

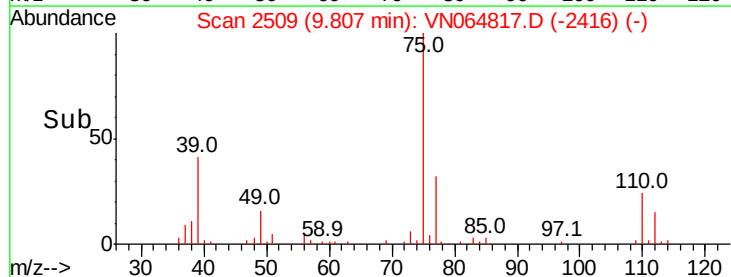
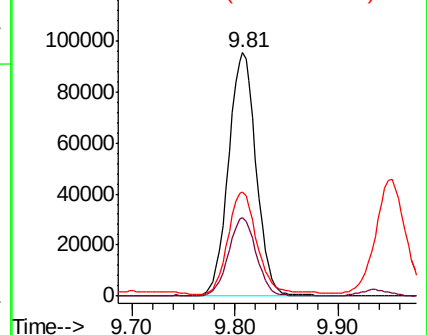
39 42.2 35.6 53.4

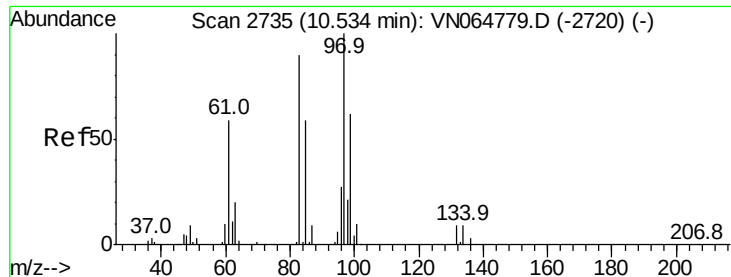


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



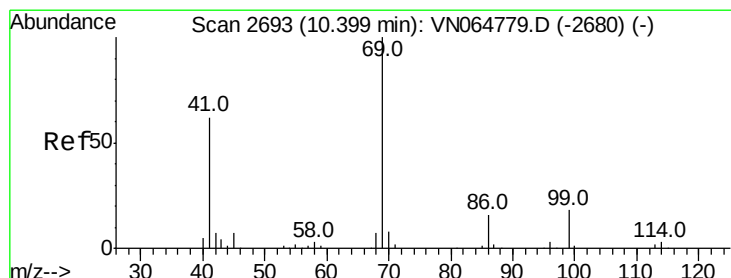
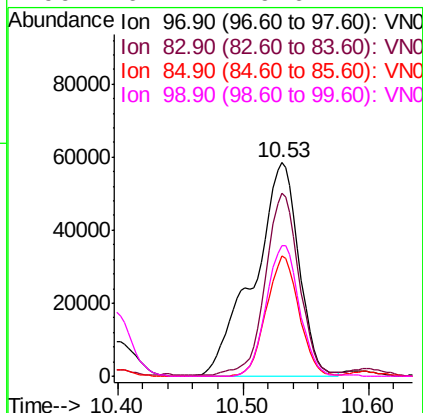
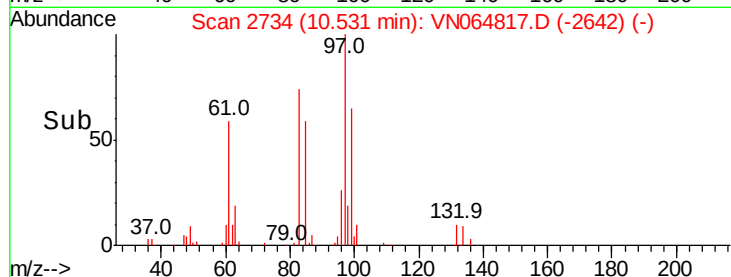
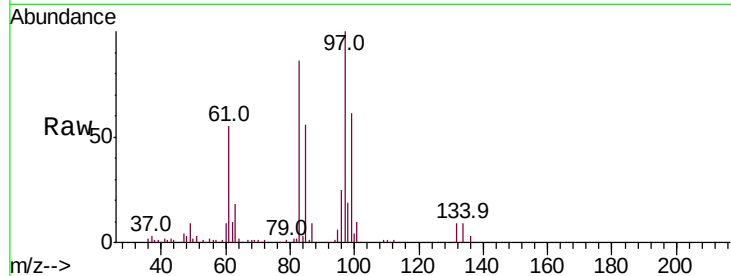


#55
 1,1,2-Trichloroethane
 Concen: 65.003 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Tot Ion: 97 Resp: 145578

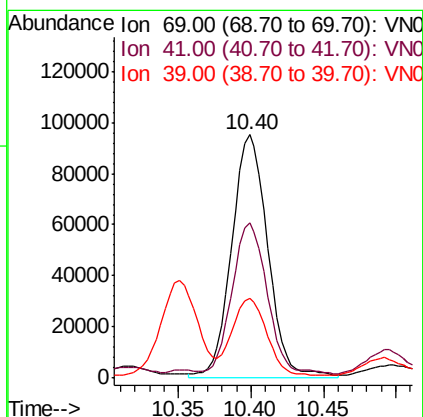
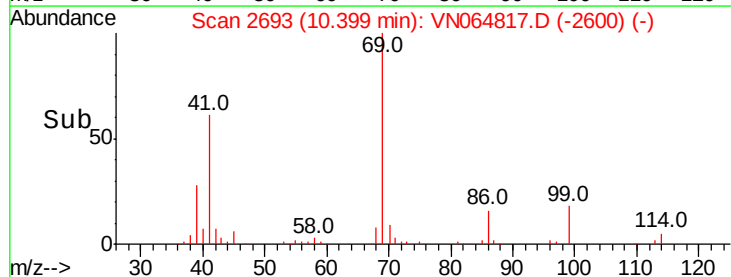
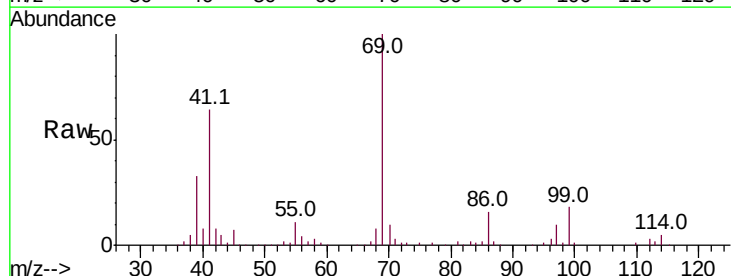
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.1	108.1
85	56.1	46.8	70.2
99	61.2	49.6	74.4

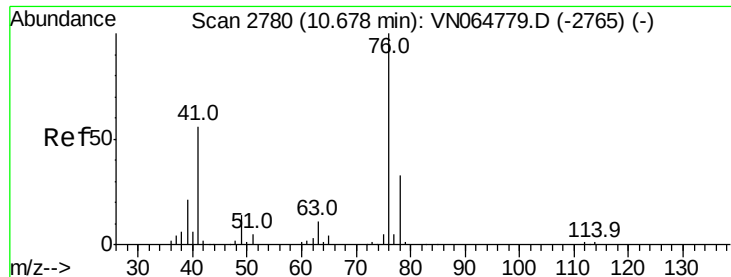


#56
 Ethyl methacrylate
 Concen: 53.372 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 69 Resp: 164947

Ion	Ratio	Lower	Upper
69	100		
41	59.4	49.4	74.0
39	30.1	25.9	38.9





#57

1,3-Dichloropropane

Concen: 47.881 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

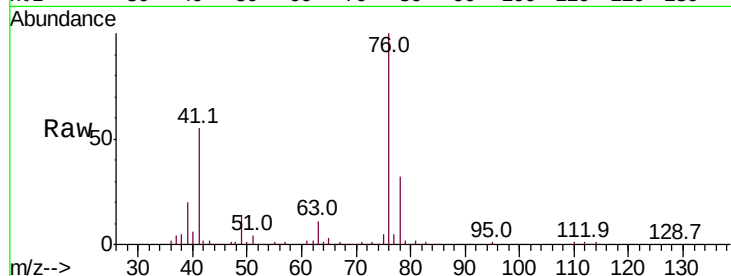
MW-2MSD

Tot Ion: 76 Resp: 176889

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

10.68

80000

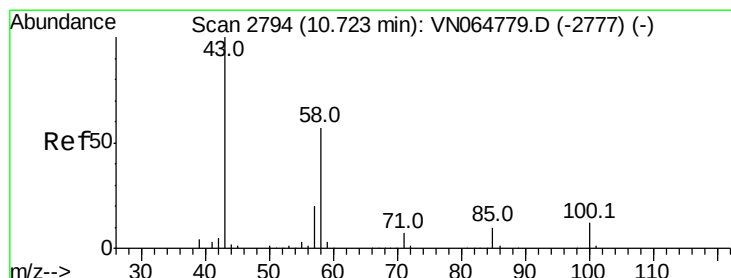
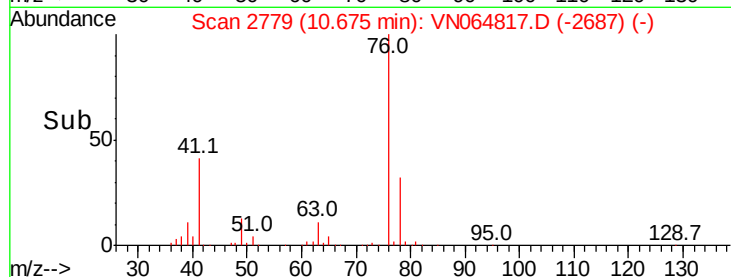
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 238.770 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064817.D

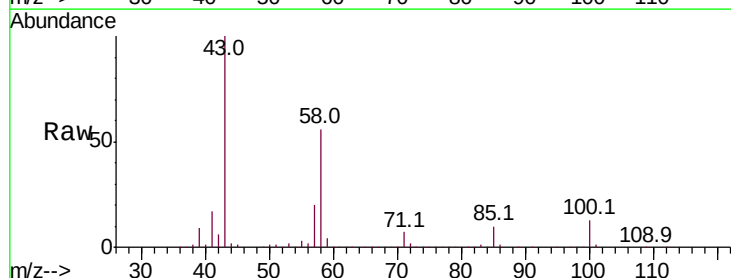
Acq: 24 Nov 2020 17:52

Tgt Ion: 43 Resp: 461478

Ion Ratio Lower Upper

43 100

58 56.2 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

10.72

300000

250000

200000

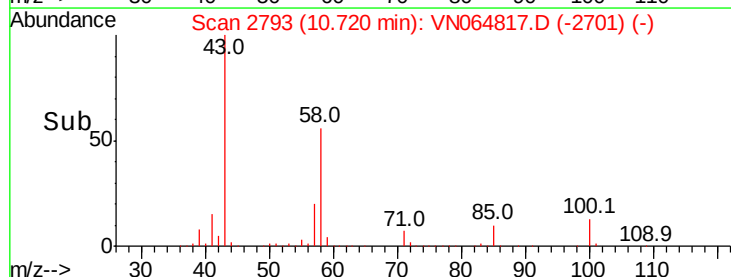
150000

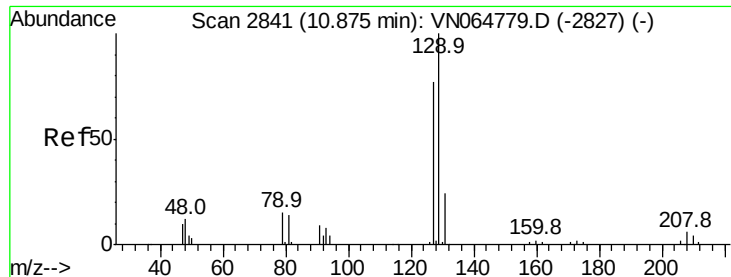
100000

50000

0

Time-->

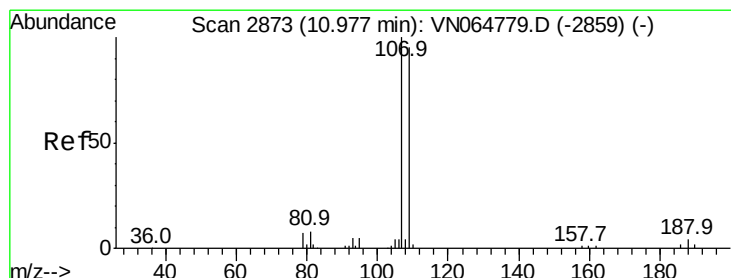
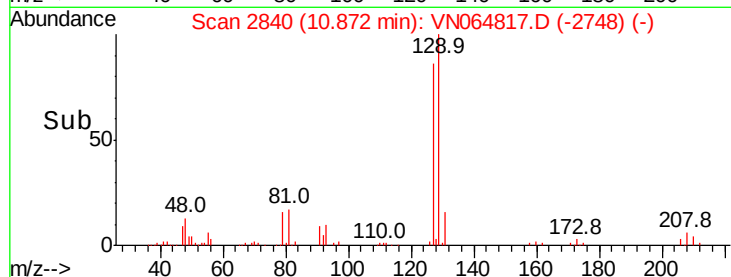
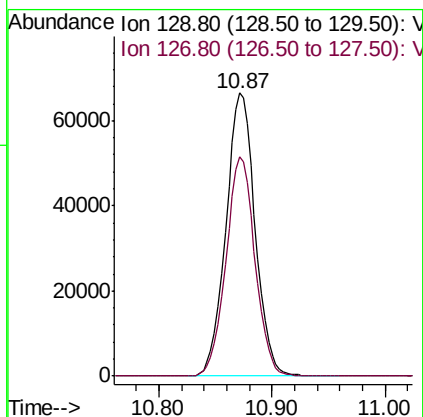
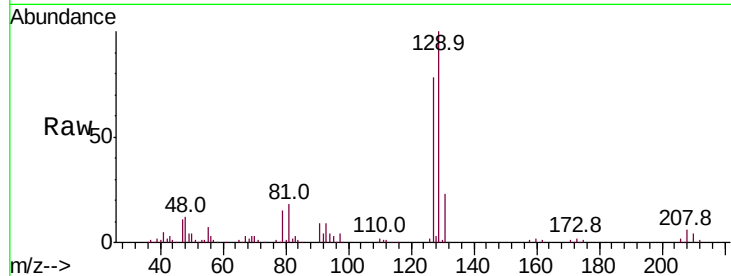




#60
Dibromochloromethane
Concen: 47.832 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

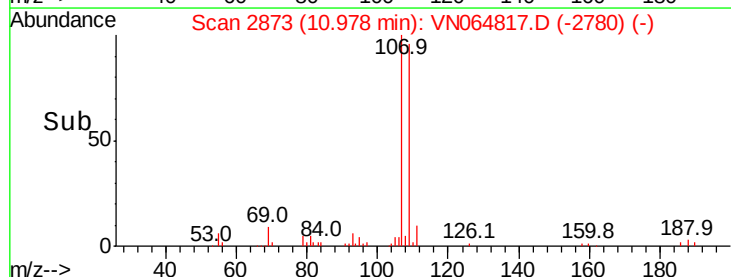
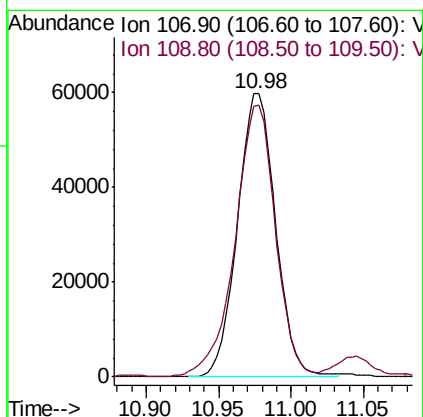
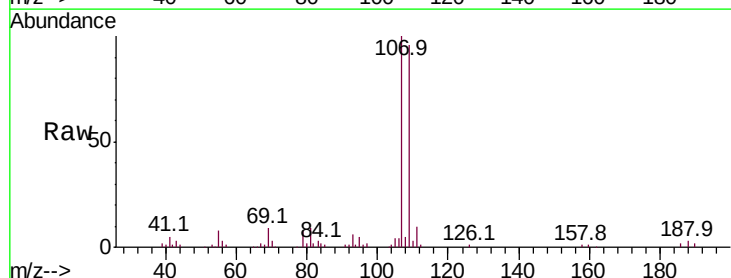
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

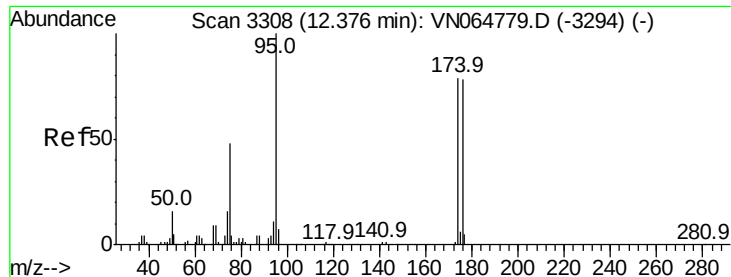
Tot Ion:129 Resp: 119074
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2



#61
1,2-Dibromoethane
Concen: 47.934 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion:107 Resp: 109065
Ion Ratio Lower Upper
107 100
109 102.1 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 49.364 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

MW-2MSD

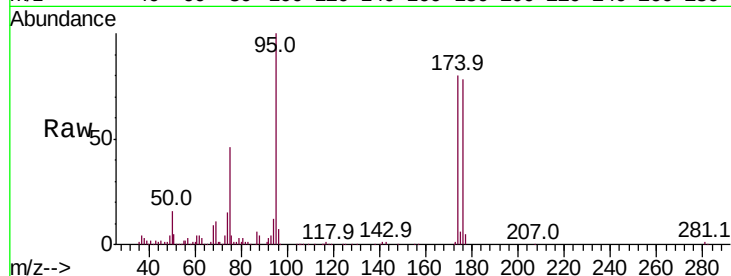
Tot Ion: 95 Resp: 134482

Ion Ratio Lower Upper

95 100

174 79.3 0.0 160.4

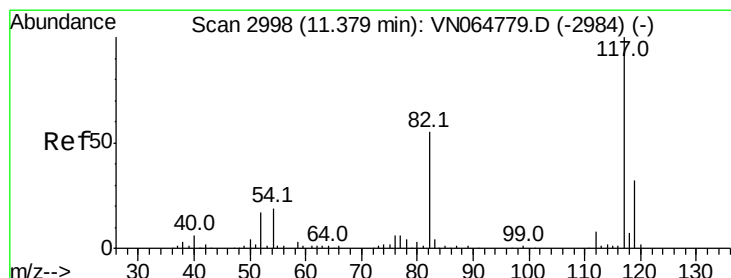
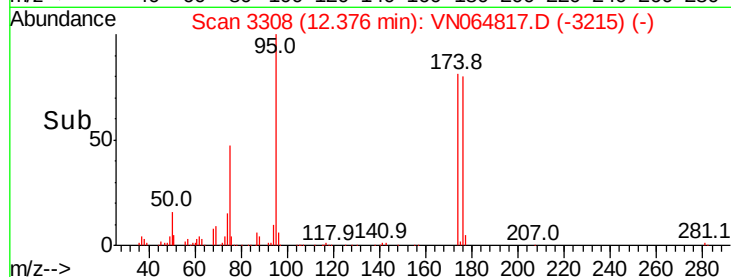
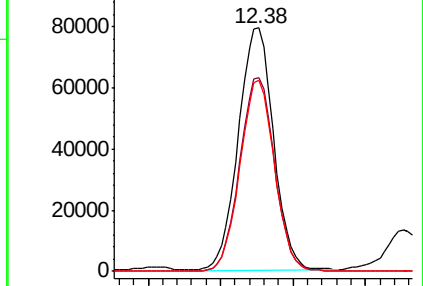
176 76.9 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064817.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064817.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064817.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

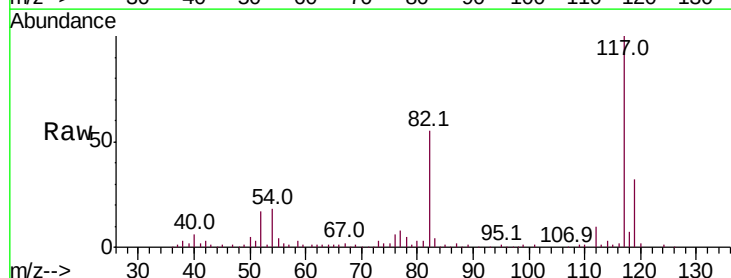
Tgt Ion: 117 Resp: 282939

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

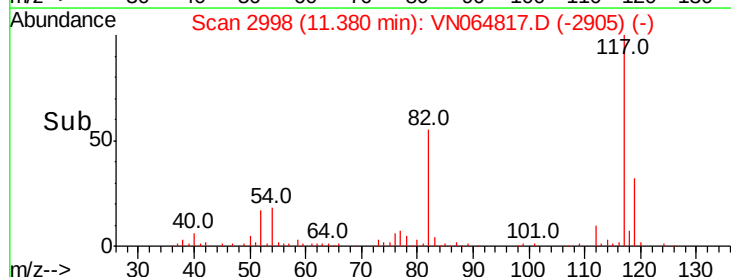
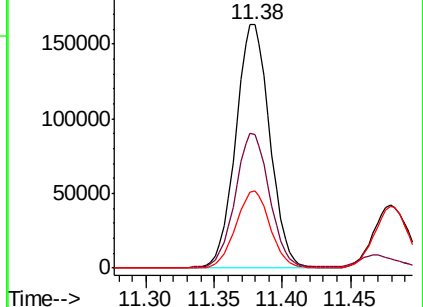
119 32.0 25.8 38.6

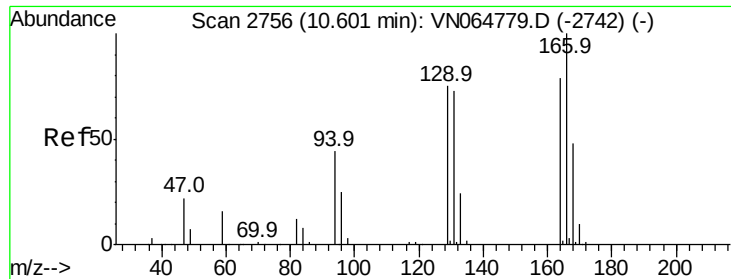


Abundance Ion 116.90 (116.60 to 117.60): VN064817.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064817.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064817.D (-2905) (-)





#64

Tetrachloroethene

Concen: 40.997 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

Tot Ion:164 Resp: 112854

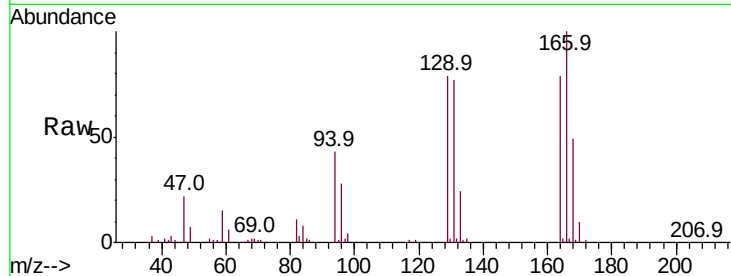
Ion Ratio Lower Upper

164 100

166 126.7 101.4 152.0

129 99.5 76.1 114.1

131 97.7 74.2 111.2



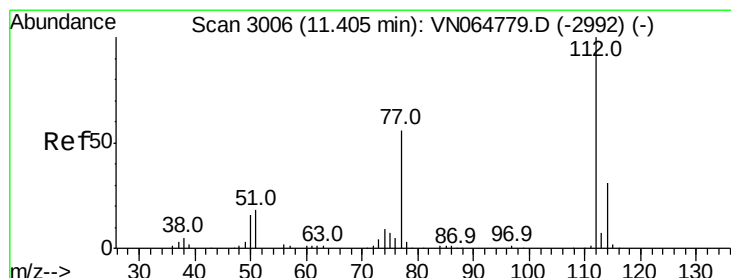
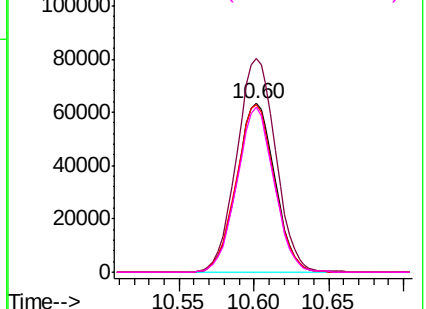
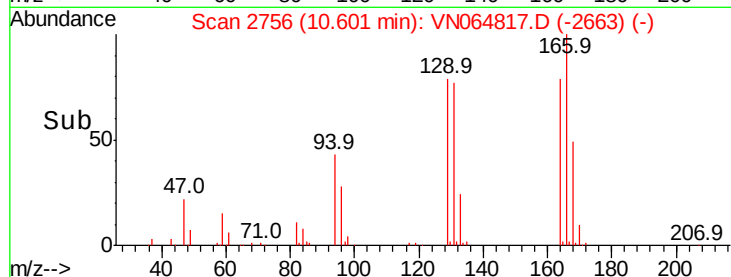
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.033 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064817.D

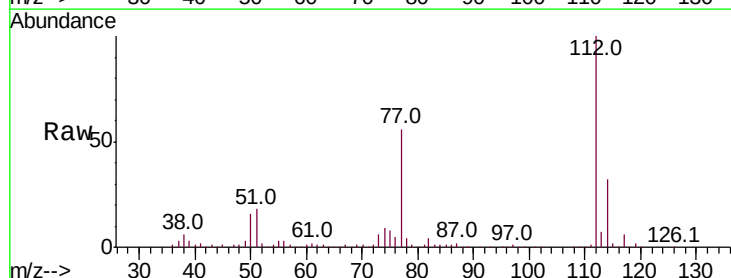
Acq: 24 Nov 2020 17:52

Tgt Ion:112 Resp: 291851

Ion Ratio Lower Upper

112 100

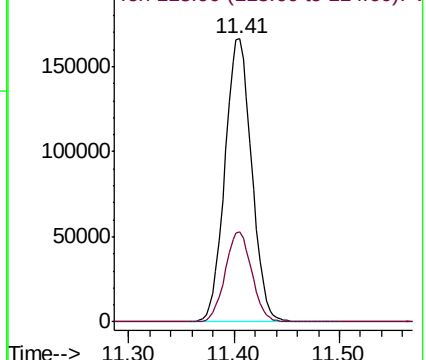
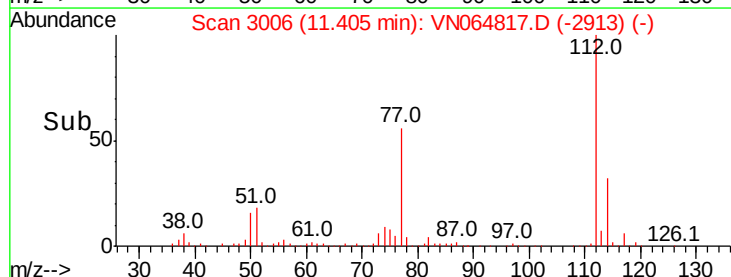
114 31.8 25.1 37.7

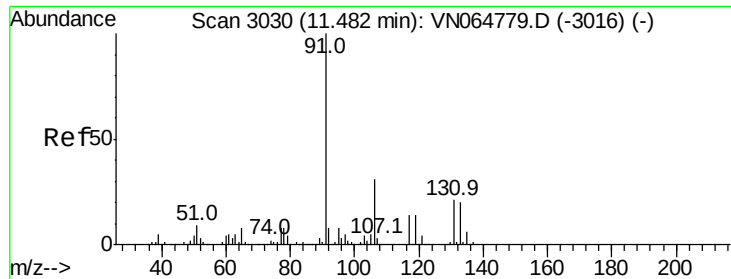


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.946 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

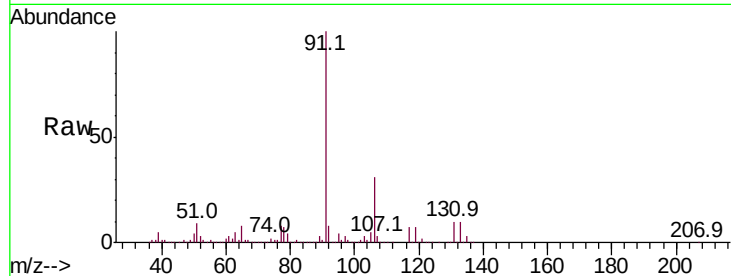
Tot Ion:131 Resp: 109294

Ion Ratio Lower Upper

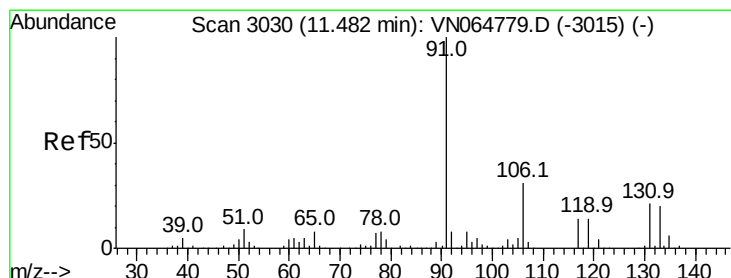
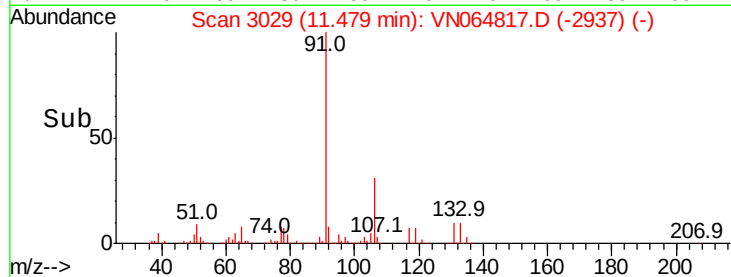
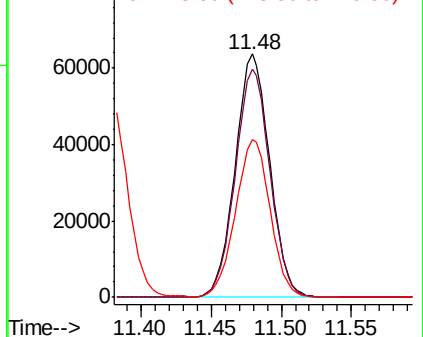
131 100

133 94.4 47.5 142.5

119 65.3 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 103.213 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064817.D

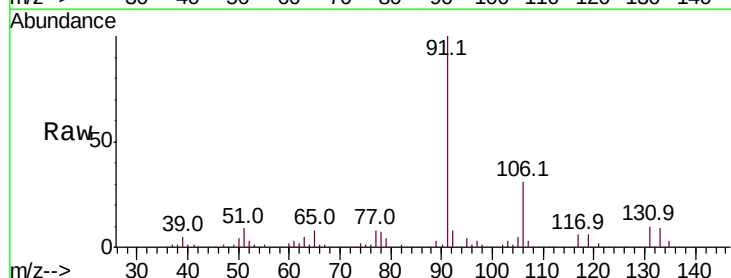
Acq: 24 Nov 2020 17:52

Tgt Ion: 91 Resp: 1047657

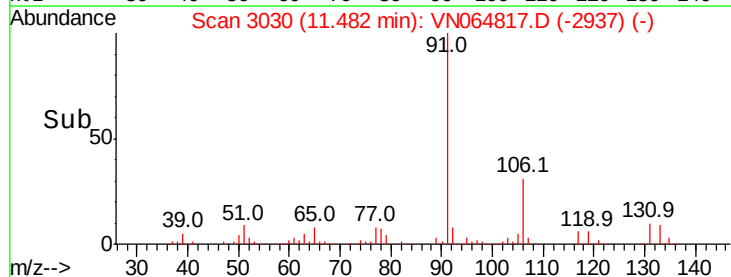
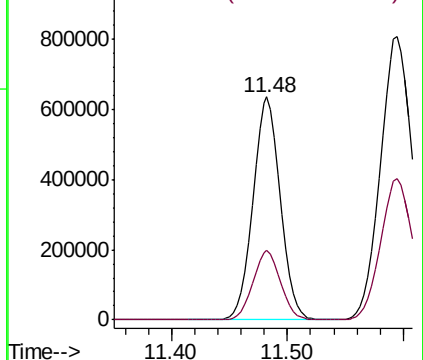
Ion Ratio Lower Upper

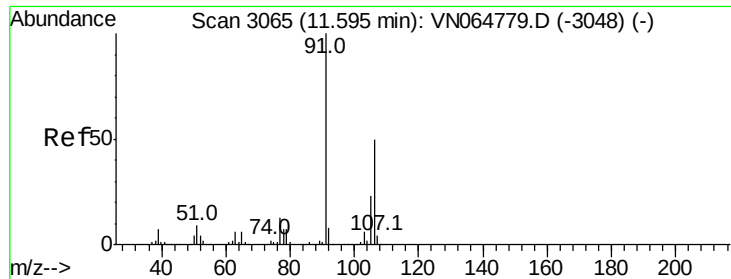
91 100

106 31.1 25.2 37.8



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





#68

m/p-Xylenes

Concen: 201.583 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

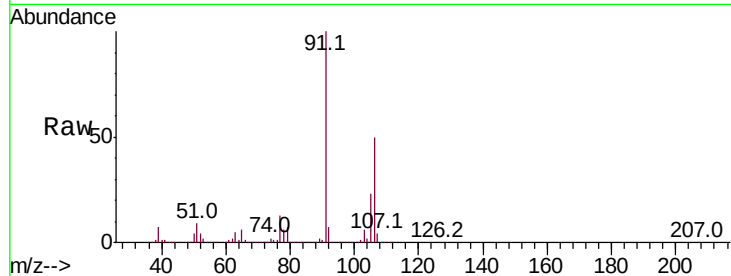
MW-2MSD

Tot Ion:106 Resp: 774690

Ion Ratio Lower Upper

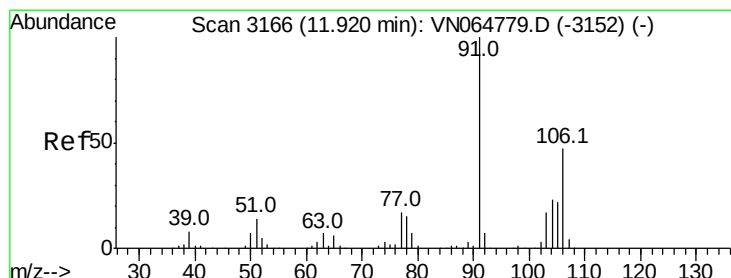
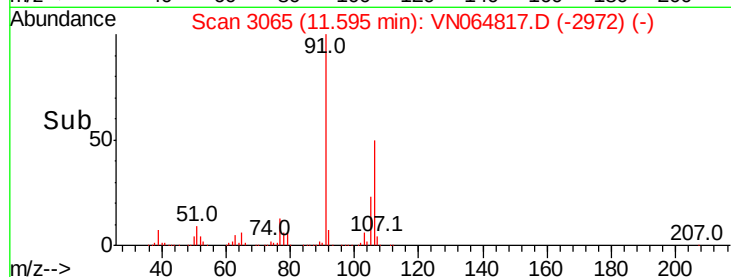
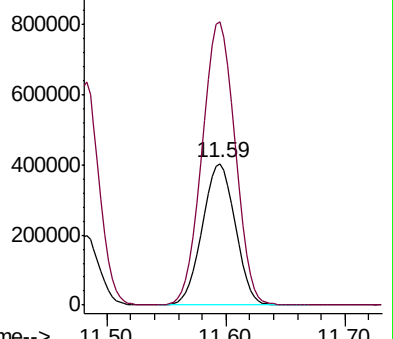
106 100

91 200.9 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 55.509 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064817.D

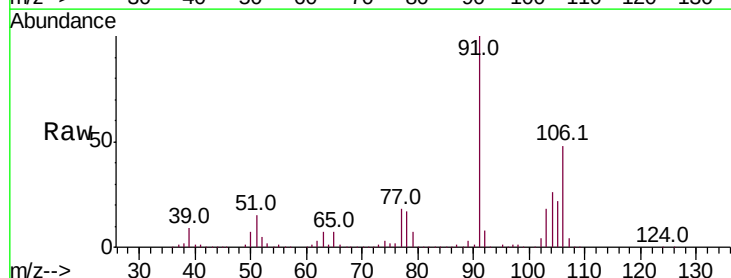
Acq: 24 Nov 2020 17:52

Tgt Ion:106 Resp: 202431

Ion Ratio Lower Upper

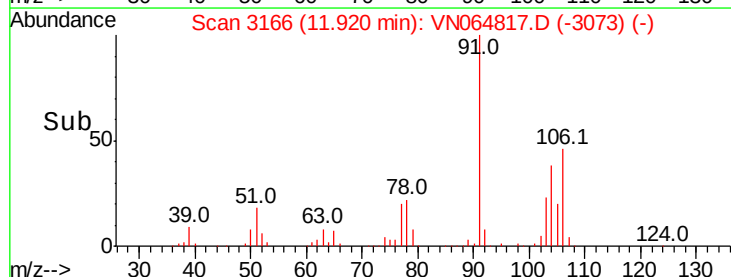
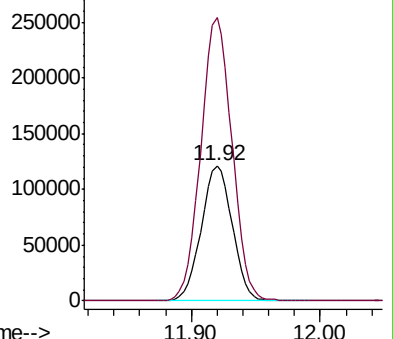
106 100

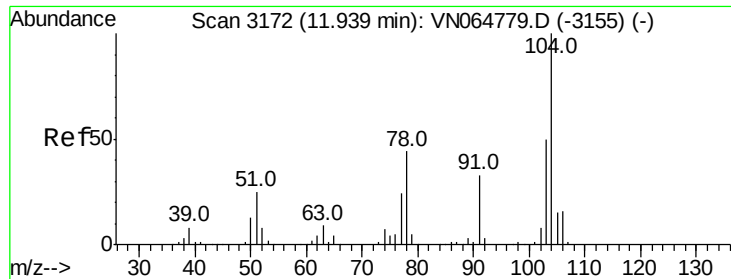
91 210.4 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

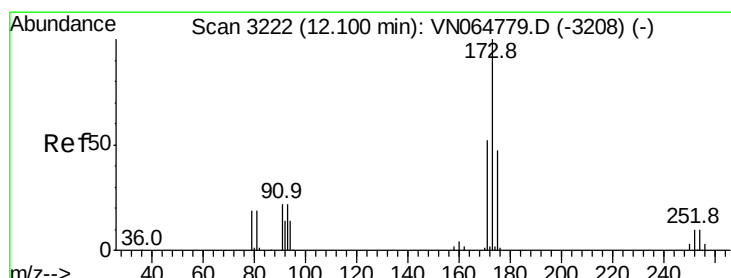
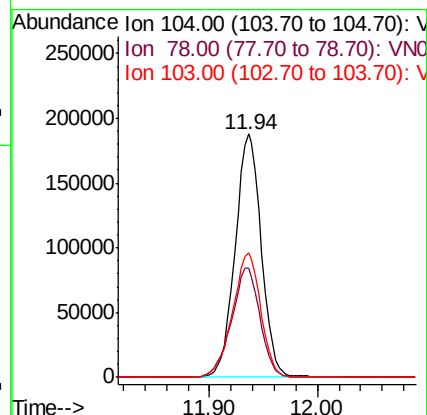
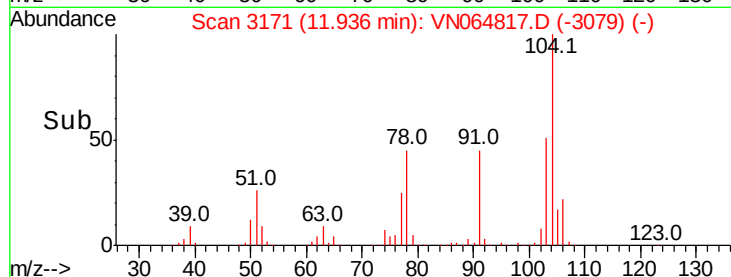
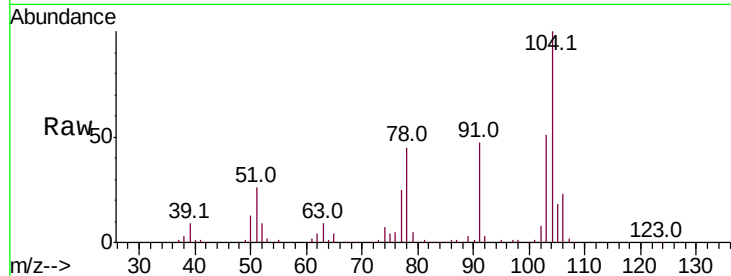




#70
Stvrene
Concen: 51.591 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

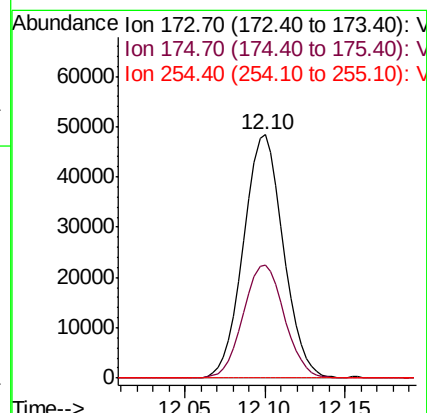
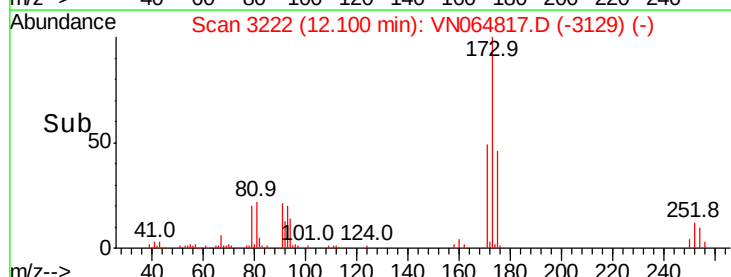
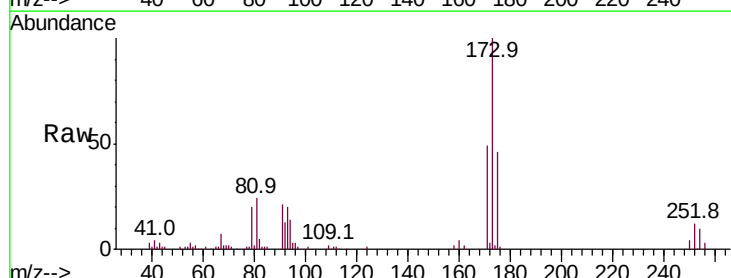
Instrument :
MSVOA_N
ClientSampled :
MW-2MSD

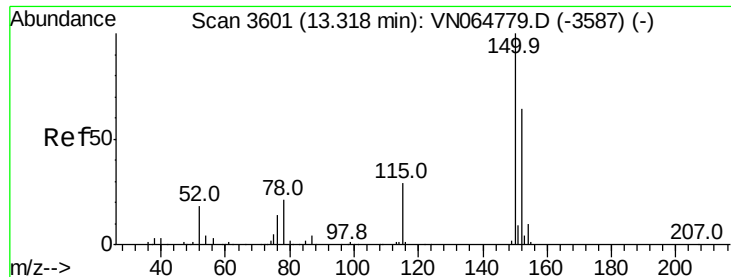
Tot Ion:104 Resp: 317621
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 55.2 44.3 66.5



#71
Bromoform
Concen: 46.150 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion:173 Resp: 82307
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0

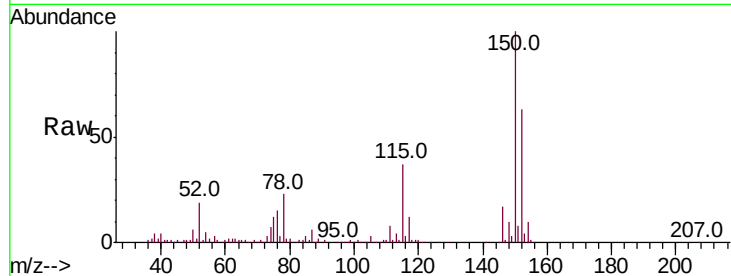




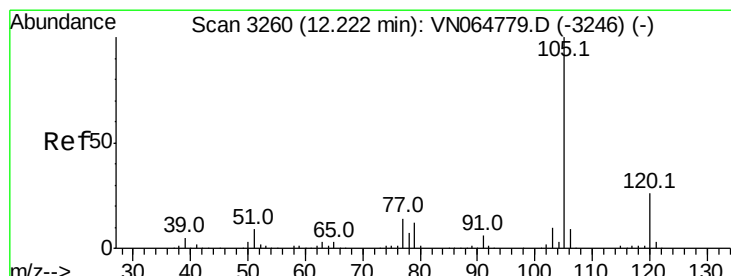
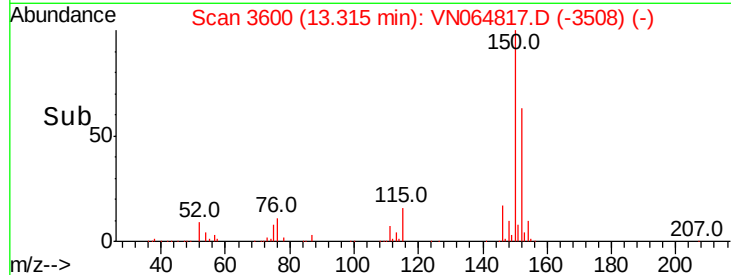
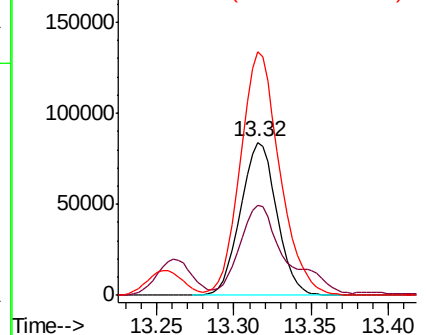
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Tot Ion:152 Resp: 137117
 Ion Ratio Lower Upper
 152 100
 115 71.6 29.7 89.1
 150 171.8 0.0 350.6

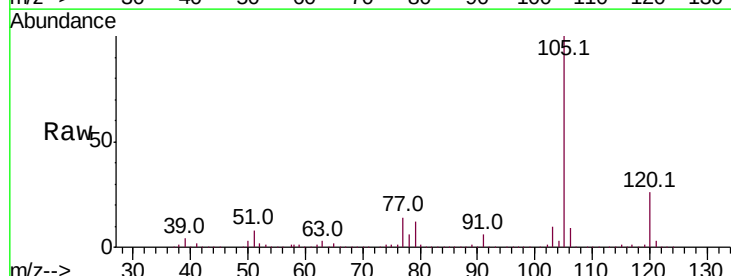


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

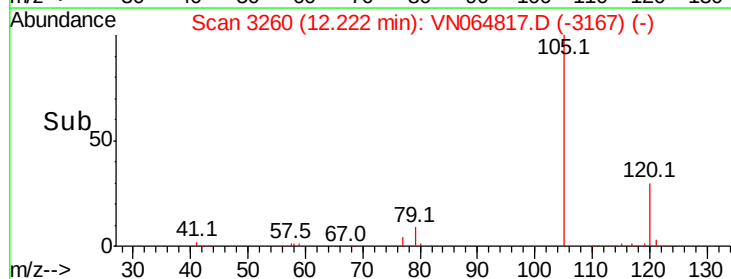
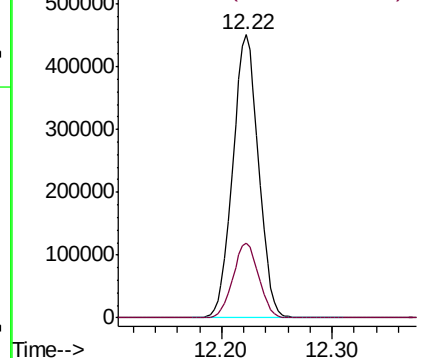


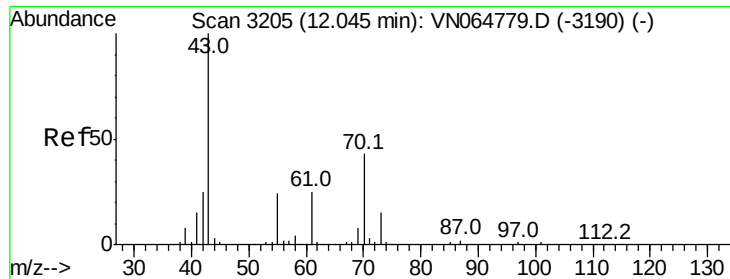
#73
 Isopropylbenzene
 Concen: 76.466 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion:105 Resp: 729288
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.3 39.9



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





#74

N-amvl acetate

Concen: 48.426 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

Tot Ion: 43 Resp: 181759

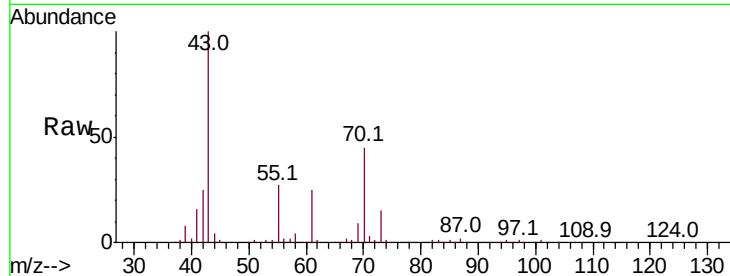
Ion Ratio Lower Upper

43 100

70 44.5 34.5 51.7

55 26.1 20.4 30.6

61 25.1 20.0 30.0

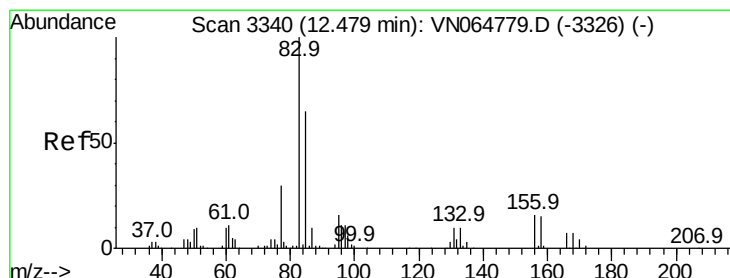
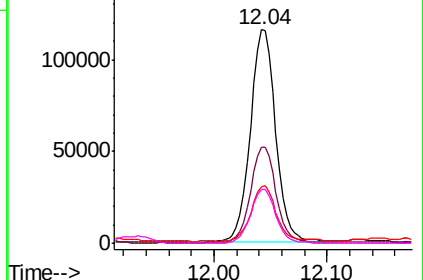
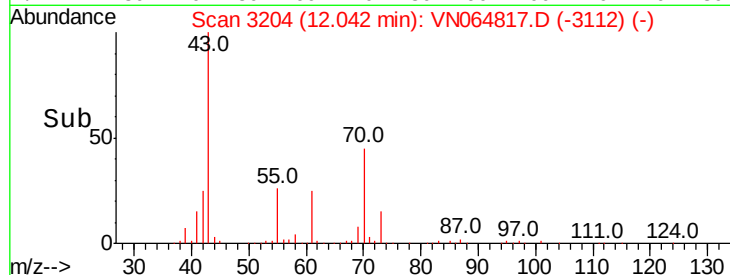


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.773 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

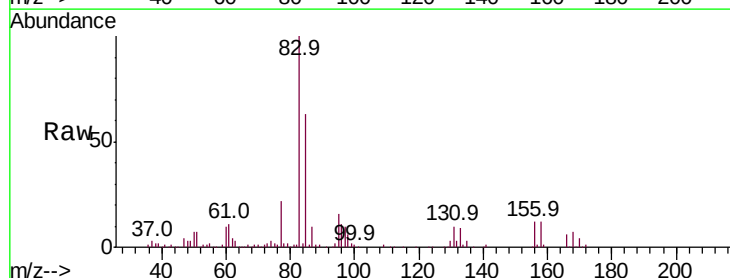
Tgt Ion: 83 Resp: 141933

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

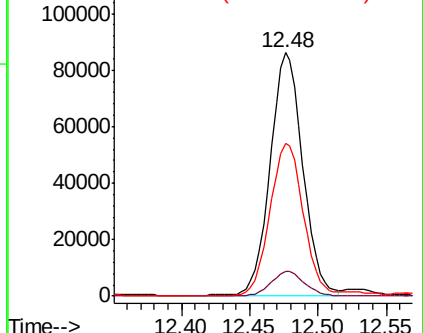
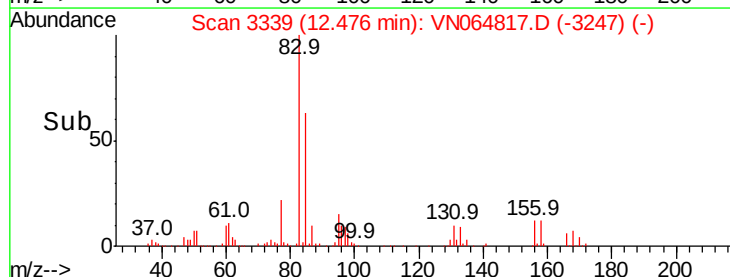
85 64.7 33.0 99.0

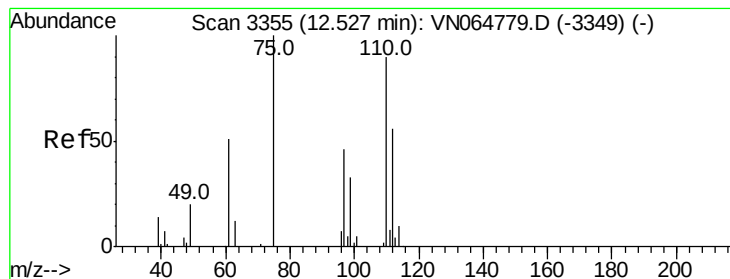


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 63.162 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampled :

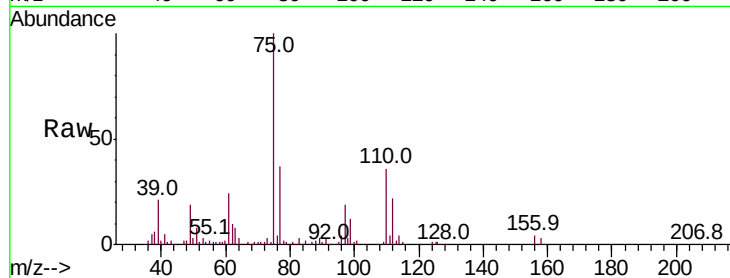
MW-2MSD

Tot Ion: 75 Resp: 186513

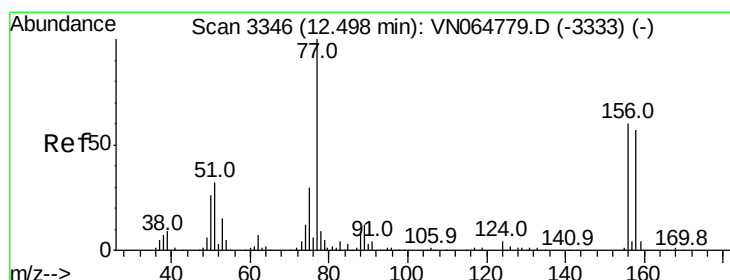
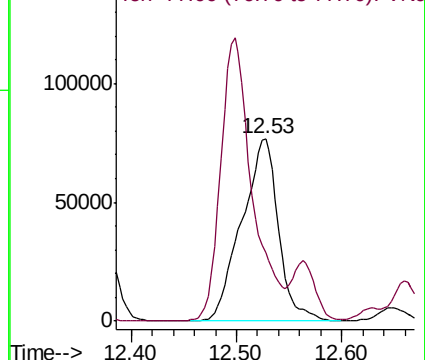
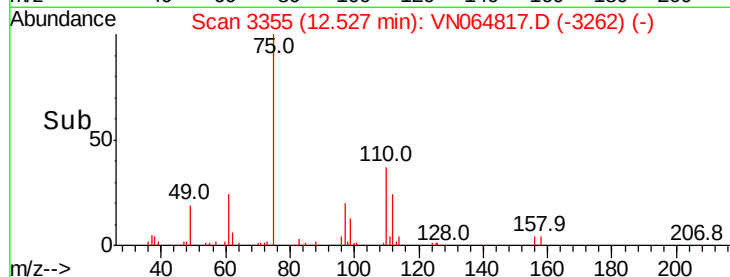
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064817.D (-3262) (-)



#77

Bromobenzene

Concen: 48.421 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

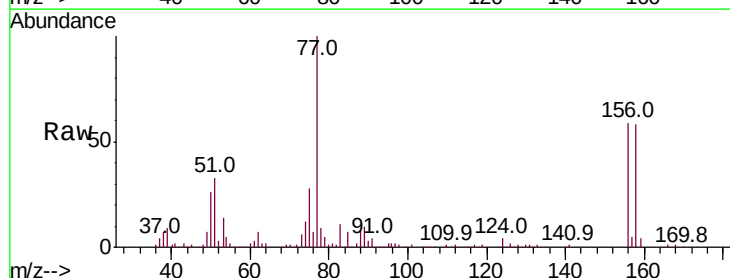
Tgt Ion: 156 Resp: 124503

Ion Ratio Lower Upper

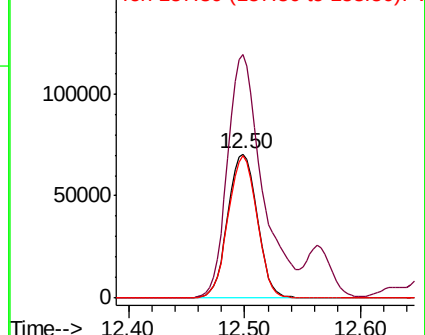
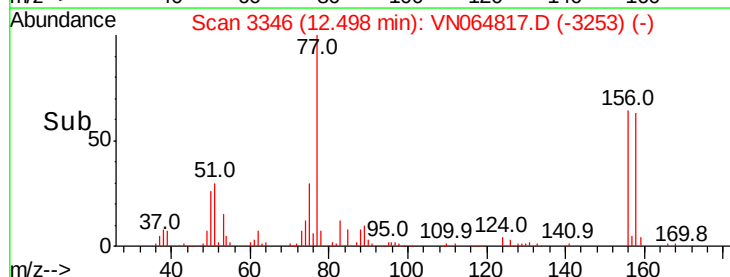
156 100

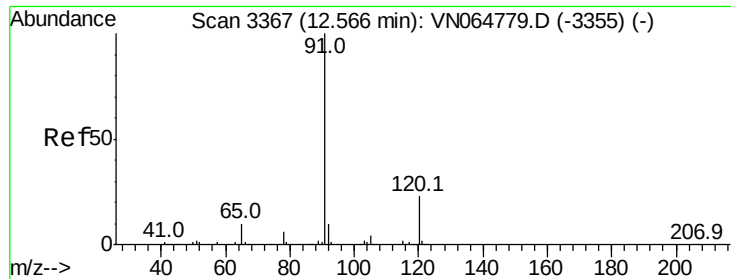
77 198.5 101.3 303.7

158 96.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): VN064817.D (-3253) (-)





#78

n-propylbenzene

Concen: 98.165 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

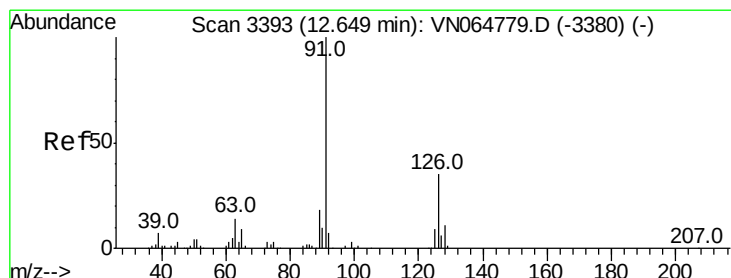
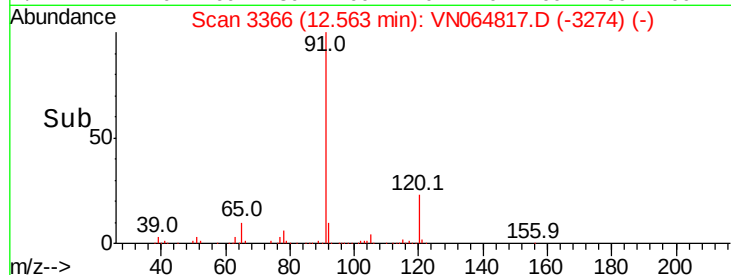
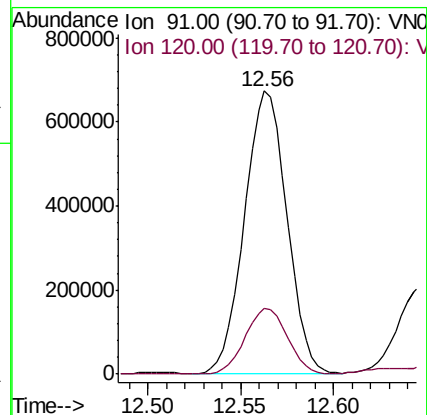
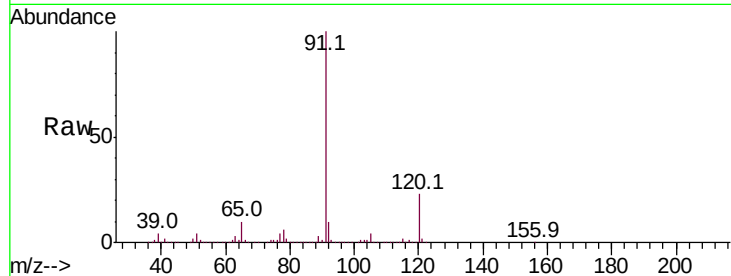
MW-2MSD

Tot Ion: 91 Resp: 1066572

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7



#79

2-Chlorotoluene

Concen: 53.915 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064817.D

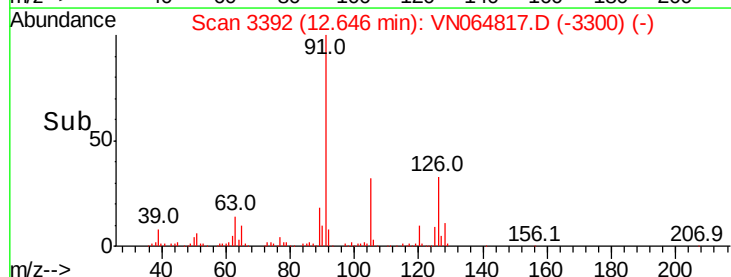
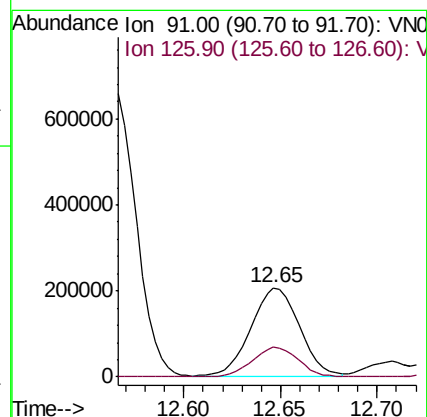
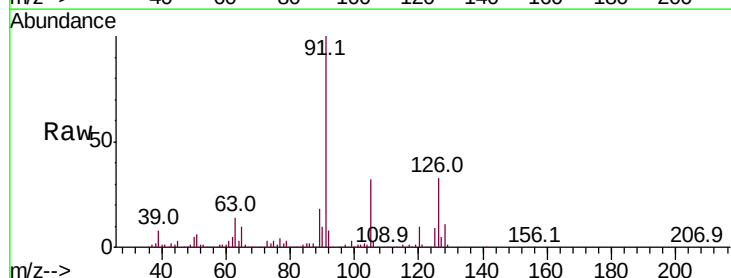
Acq: 24 Nov 2020 17:52

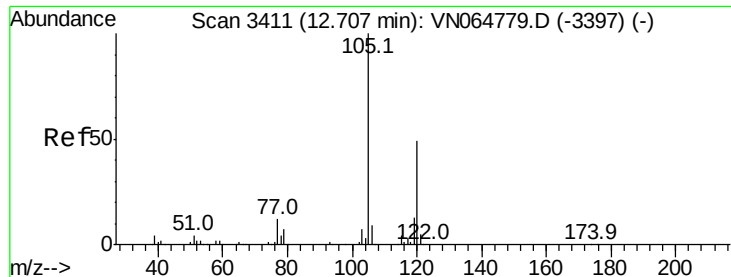
Tgt Ion: 91 Resp: 362102

Ion Ratio Lower Upper

91 100

126 31.9 17.2 51.6

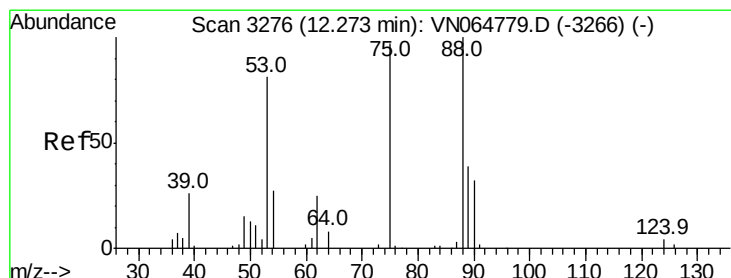
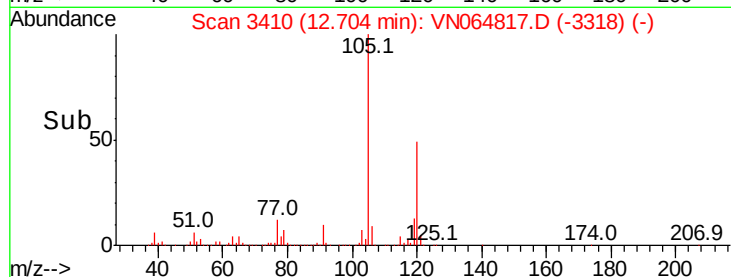
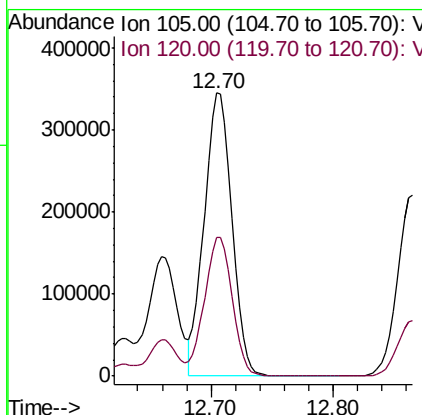
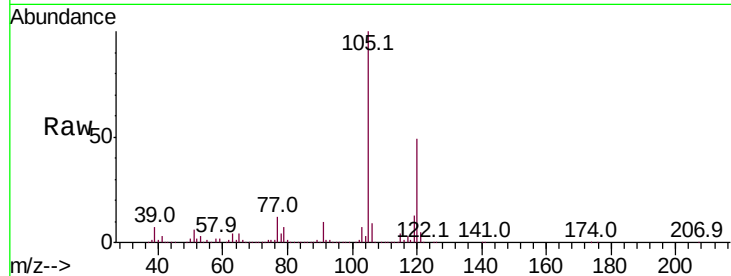




#80
 1,3,5-Trimethylbenzene
 Concen: 68.709 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

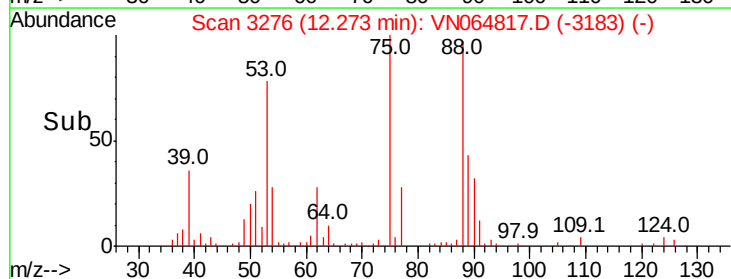
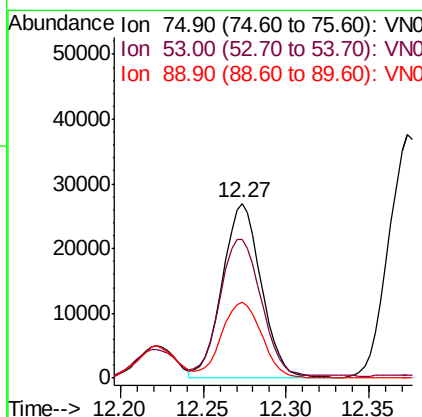
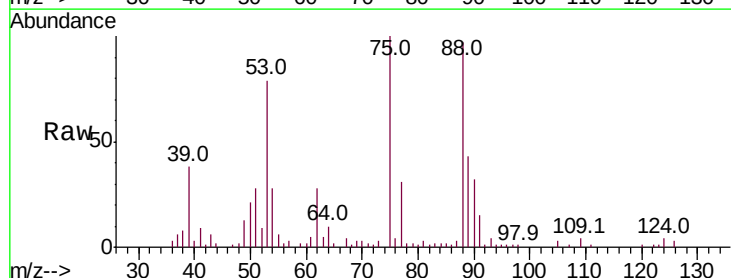
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

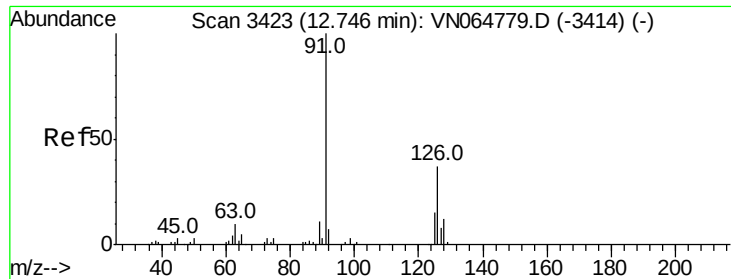
Tot Ion:105 Resp: 544688
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.990 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 75 Resp: 44163
 Ion Ratio Lower Upper
 75 100
 53 80.9 67.0 100.4
 89 44.9 39.6 59.4

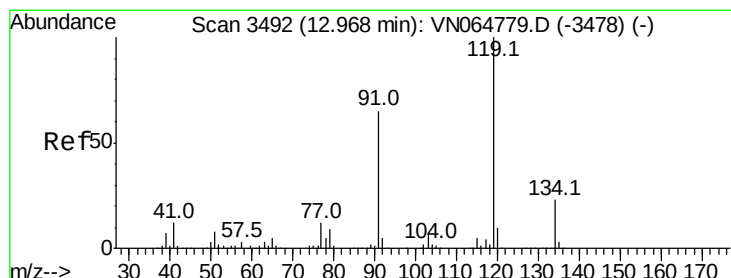
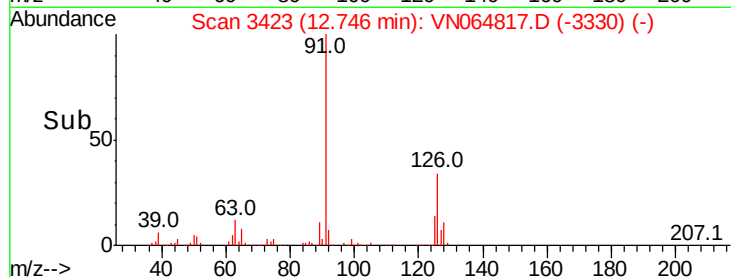
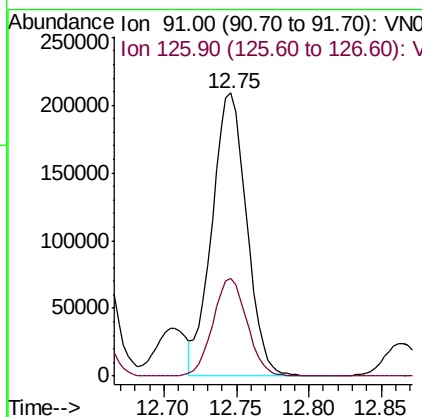
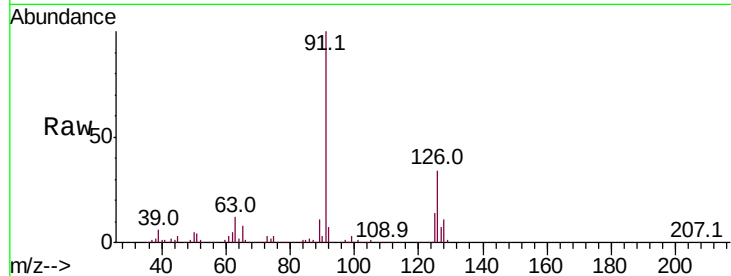




#82
4-Chlorotoluene
Concen: 49.165 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

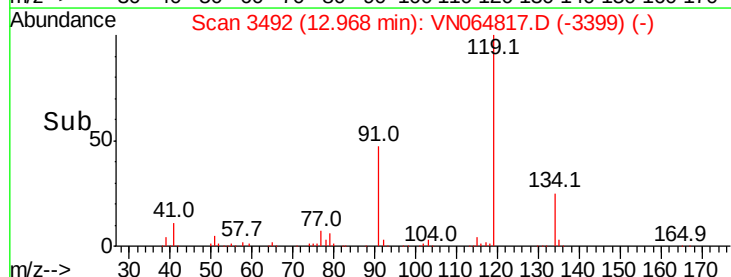
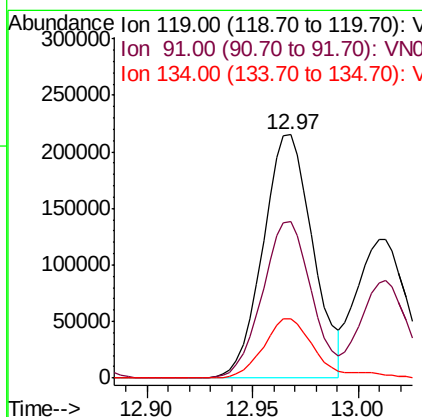
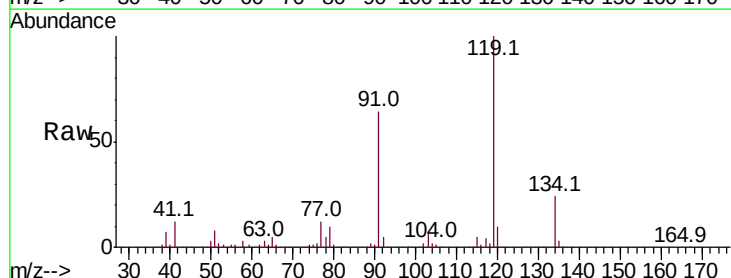
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

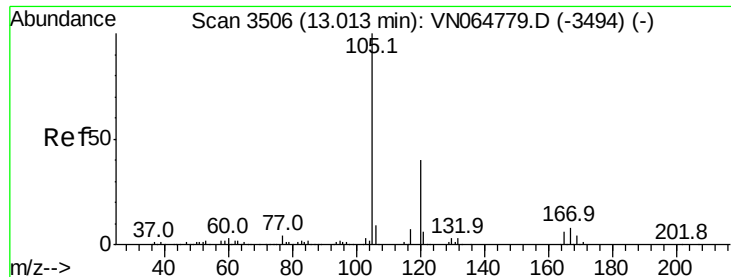
Tot Ion: 91 Resp: 346110
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.7



#83
tert-Butylbenzene
Concen: 53.216 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion: 119 Resp: 353605
Ion Ratio Lower Upper
119 100
91 63.3 32.3 96.8
134 25.5 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 171.283 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

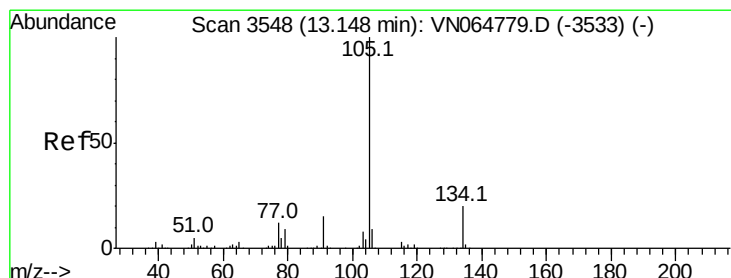
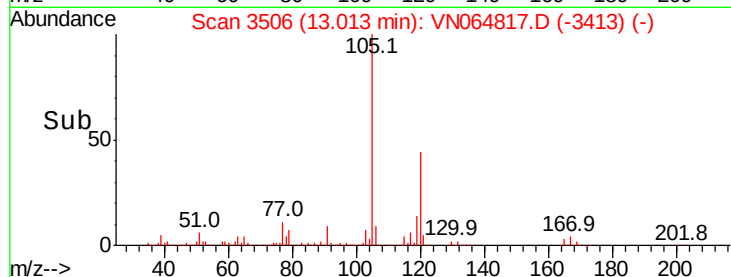
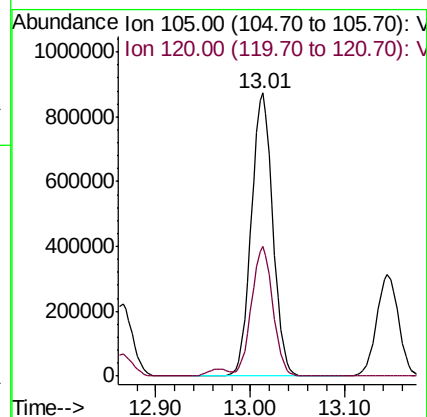
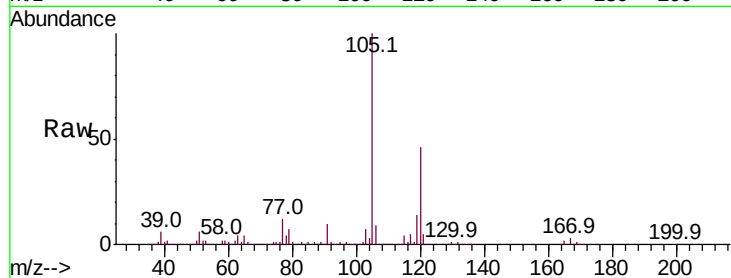
MW-2MSD

Tot Ion:105 Resp: 1372871

Ion Ratio Lower Upper

105 100

120 45.7 23.1 69.2



#85

sec-Butylbenzene

Concen: 56.710 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064817.D

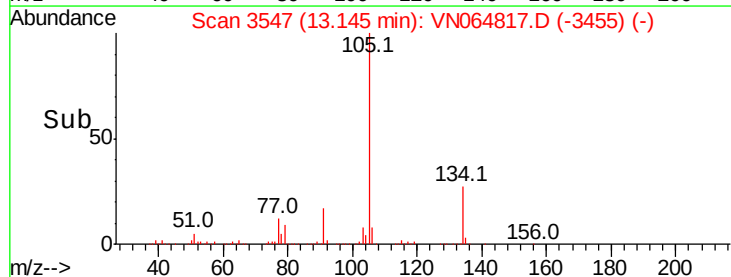
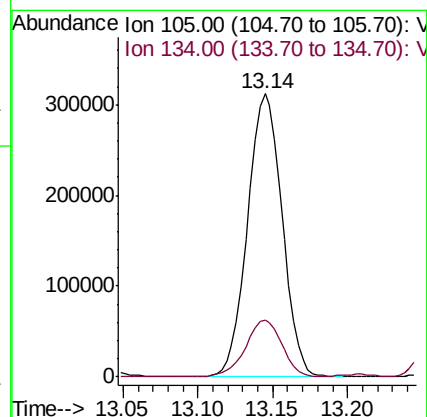
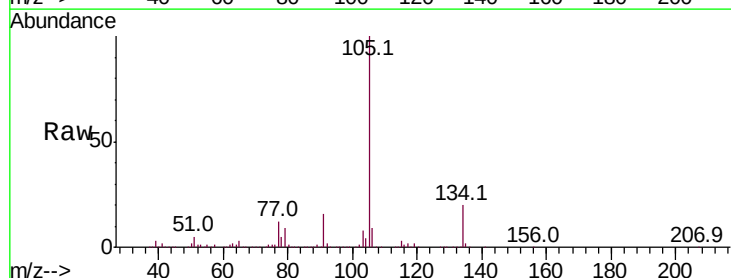
Acq: 24 Nov 2020 17:52

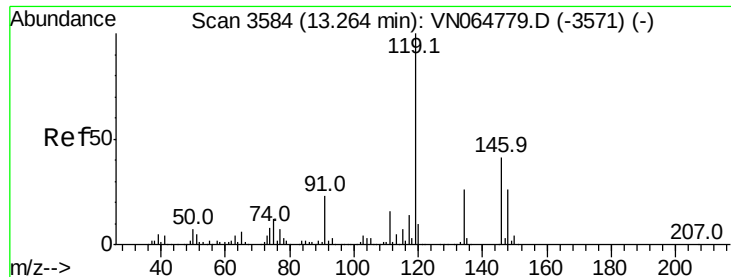
Tgt Ion:105 Resp: 500326

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1

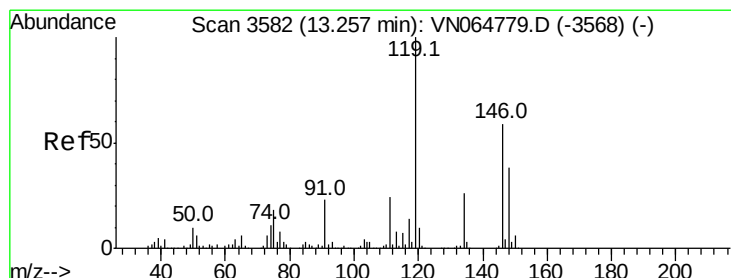
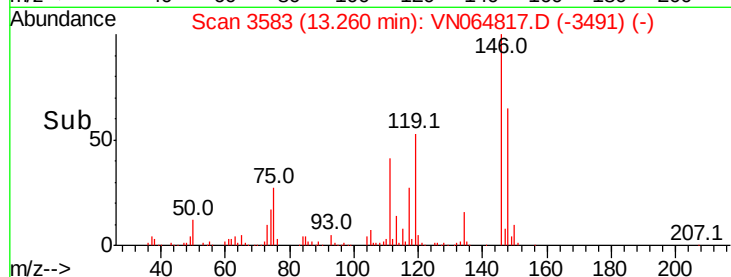
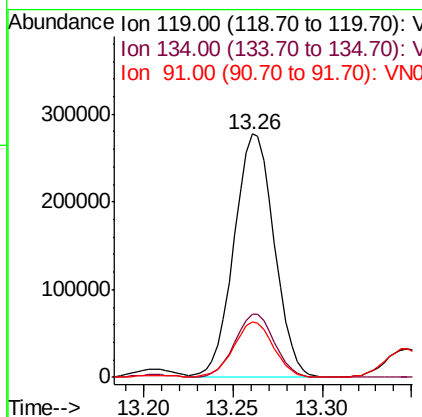
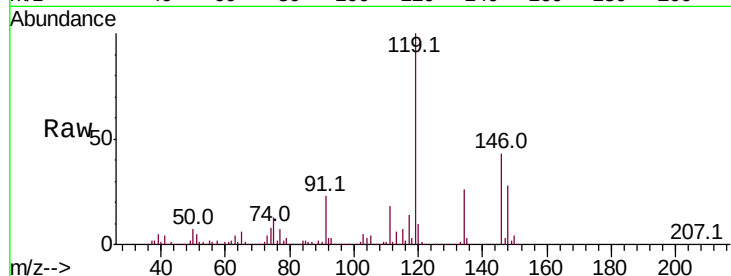




#86
p-Isopropyltoluene
Concen: 54.265 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

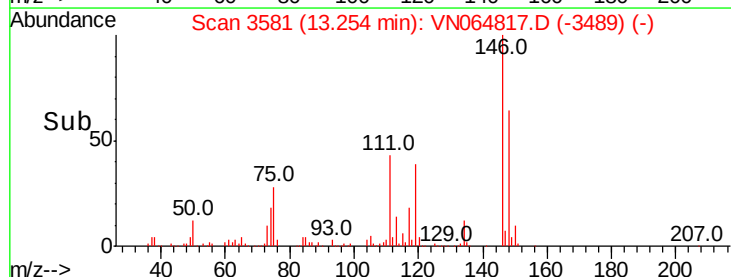
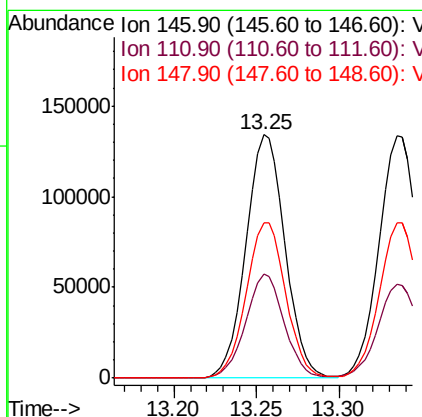
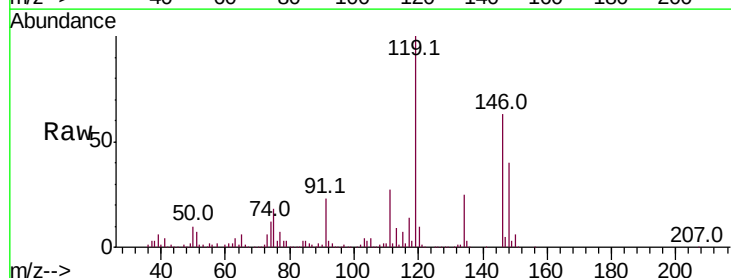
Instrument :
MSVOA_N
ClientSampleId :
MW-2MSD

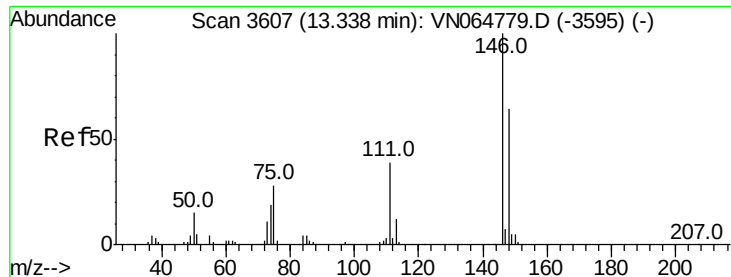
Tot Ion:119 Resp: 435870
Ion Ratio Lower Upper
119 100
134 25.9 13.1 39.1
91 22.5 11.5 34.5



#87
1,3-Dichlorobenzene
Concen: 48.106 ug/l
RT: 13.25 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN064817.D
Acq: 24 Nov 2020 17:52

Tgt Ion:146 Resp: 219764
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 64.4 31.9 95.5

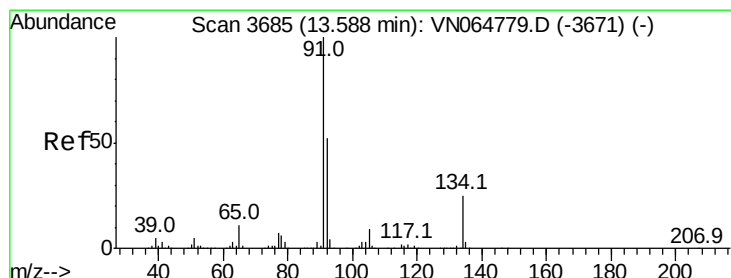
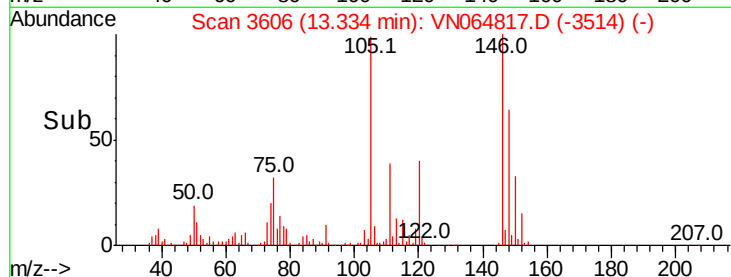
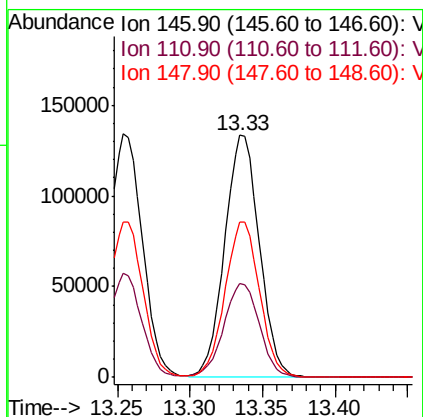
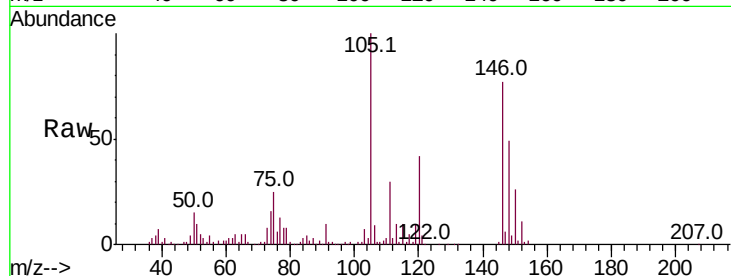




#88
 1,4-Dichlorobenzene
 Concen: 45.775 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

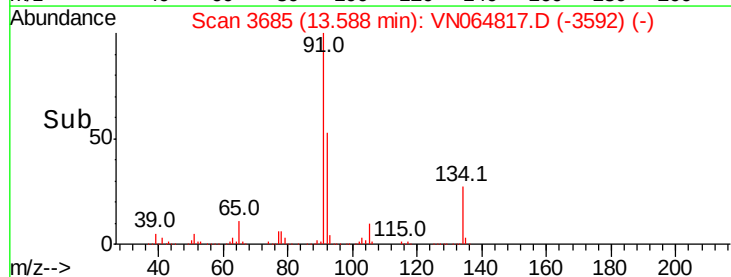
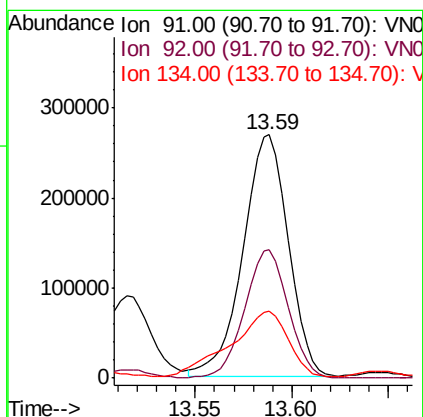
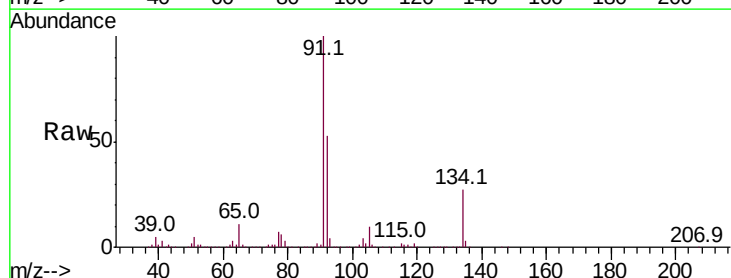
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

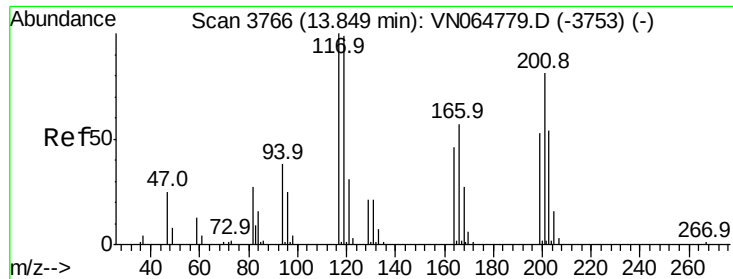
Tot Ion:146 Resp: 221147
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 63.8 31.9 95.5



#89
 n-Butylbenzene
 Concen: 61.563 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Tgt Ion: 91 Resp: 434255
 Ion Ratio Lower Upper
 91 100
 92 51.0 26.0 78.0
 134 35.0 12.9 38.6





#90

Hexachloroethane

Concen: 70.527 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

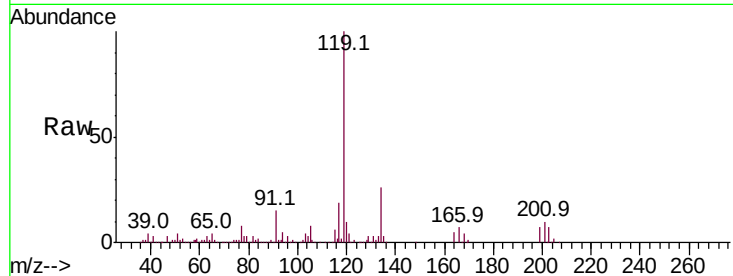
MW-2MSD

Tot Ion:117 Resp: 98410

Ion Ratio Lower Upper

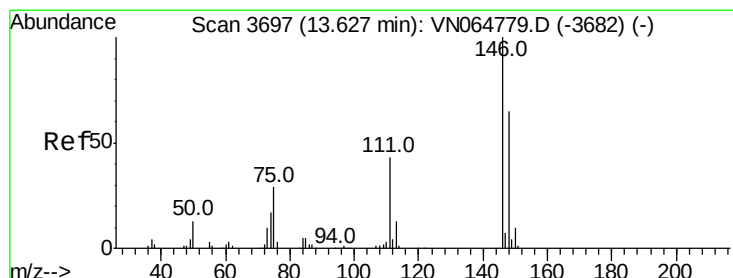
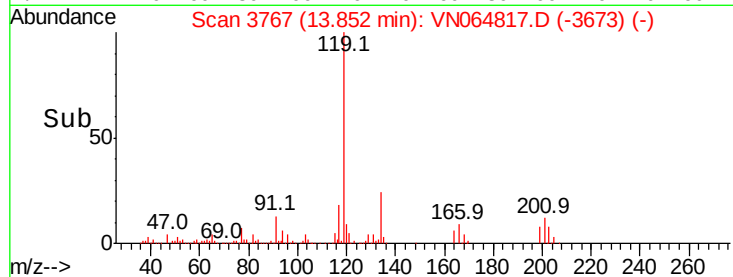
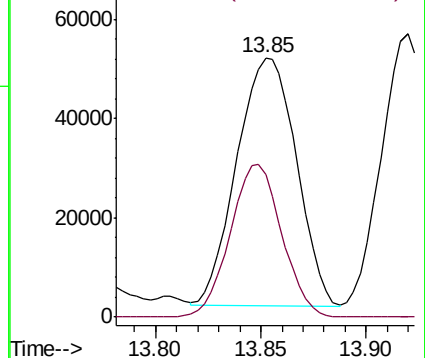
117 100

201 53.2 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.120 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

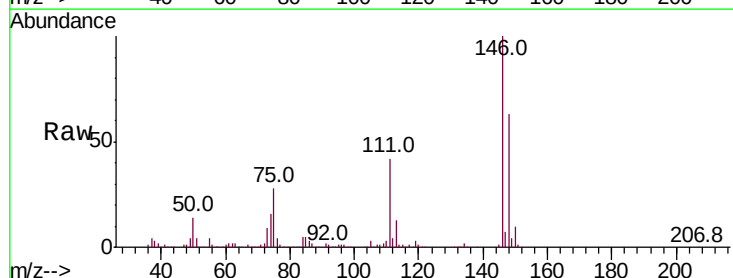
Tgt Ion:146 Resp: 215847

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.1

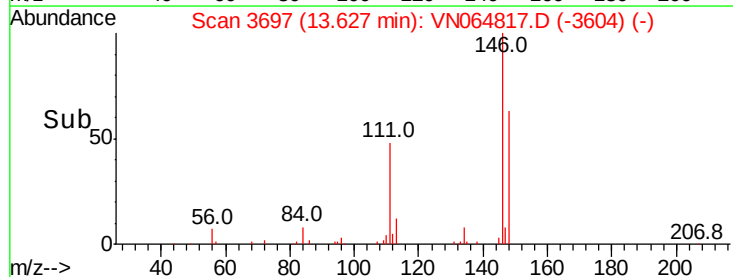
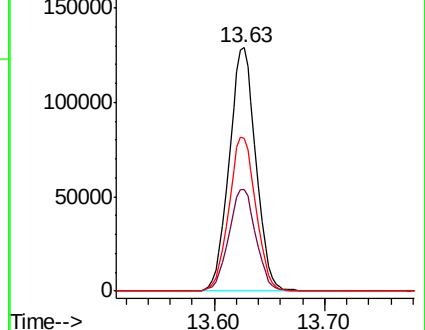
148 64.1 32.0 96.2

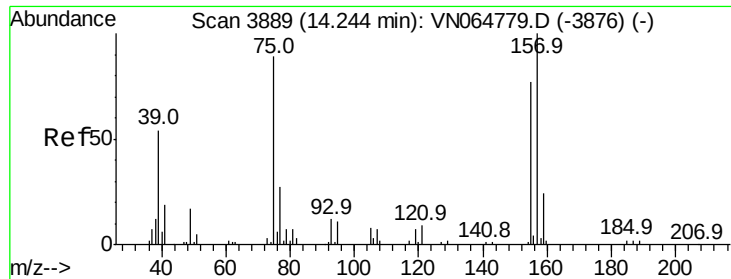


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.638 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

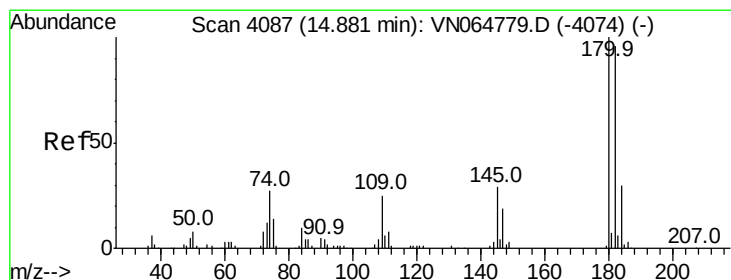
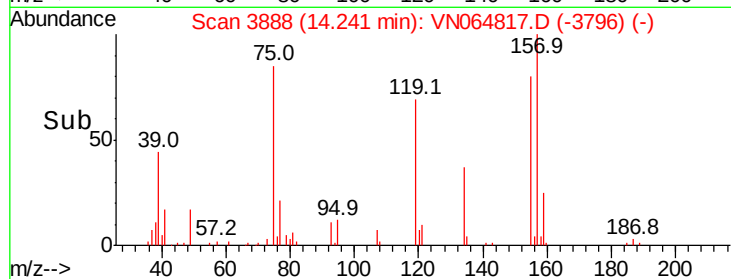
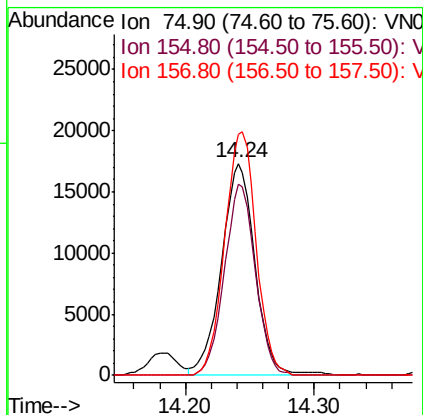
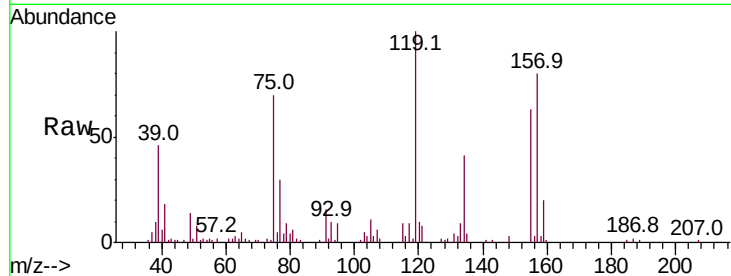
Tot Ion: 75 Resp: 31222

Ion Ratio Lower Upper

75 100

155 82.8 42.8 128.3

157 107.4 56.4 169.1



#93

1,2,4-Trichlorobenzene

Concen: 49.272 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

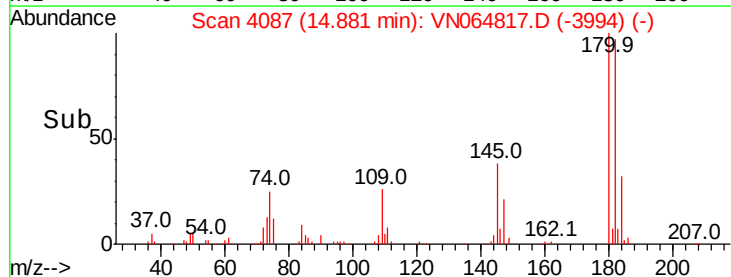
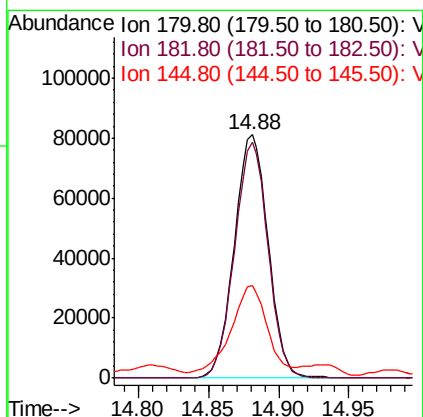
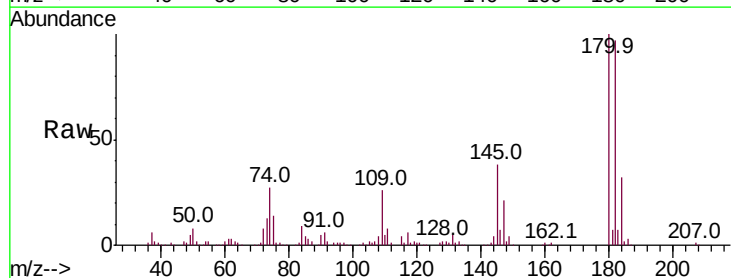
Tgt Ion: 180 Resp: 136721

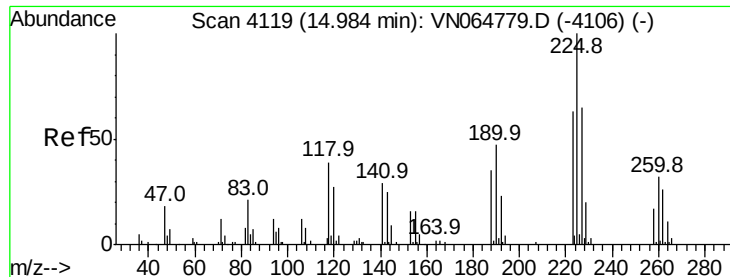
Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 36.8 15.3 45.8





#94

Hexachlorobutadiene

Concen: 43.129 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-2MSD

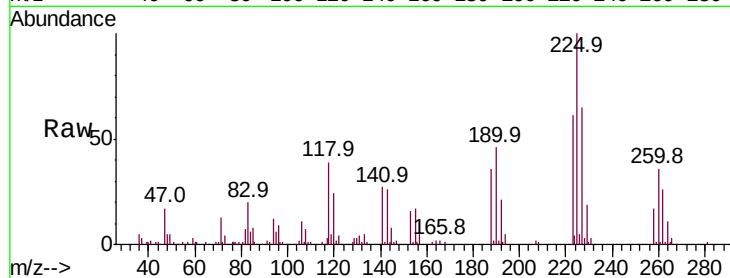
Tot Ion:225 Resp: 53827

Ion Ratio Lower Upper

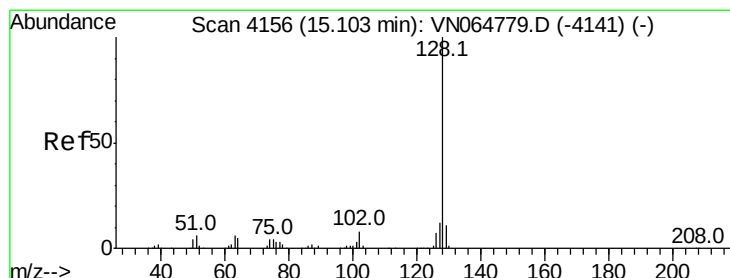
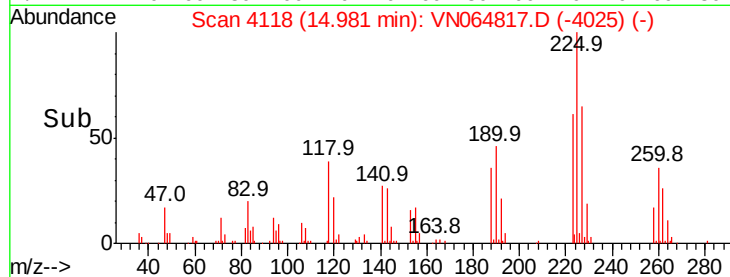
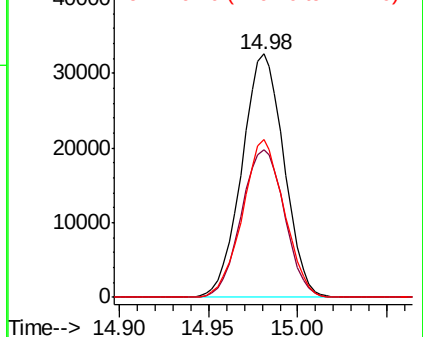
225 100

223 62.4 31.0 93.0

227 64.1 32.0 96.0



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: 117.157 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064817.D

Acq: 24 Nov 2020 17:52

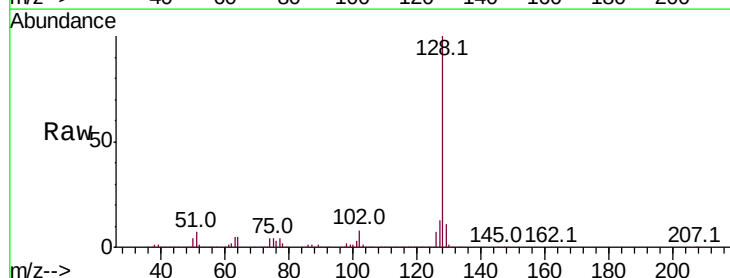
Tgt Ion:128 Resp: 973929

Ion Ratio Lower Upper

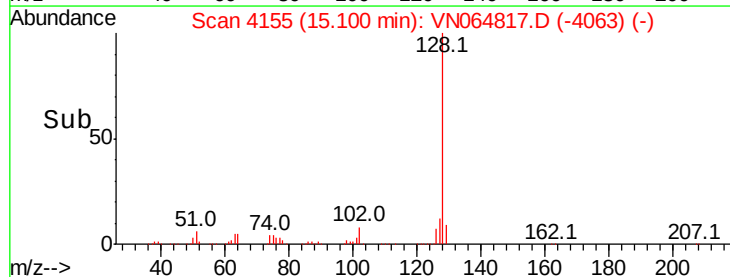
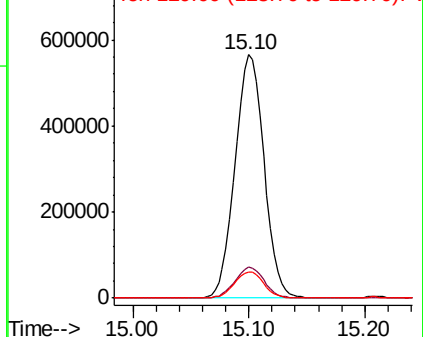
128 100

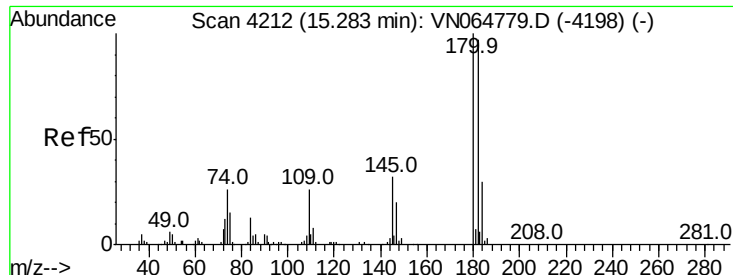
127 12.8 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

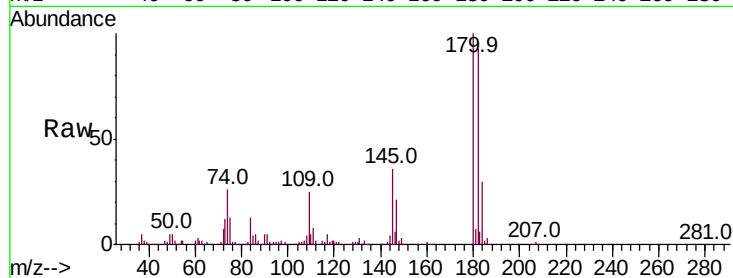




#96
 1,2,3-Trichlorobenzene
 Concen: 50.822 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN064817.D
 Acq: 24 Nov 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.4
145	43.1	16.4	49.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

