

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063256.D
 Acq On : 4 Sep 2020 18:36
 Operator : JC/MD
 Sample : L3902-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Quant Time: Sep 05 07:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	240567	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	178163	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.06	98	690705	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	246587	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129935	43.930	ug/l	98
3) Chloromethane	2.04	50	187797	43.603	ug/l	95
4) Vinyl Chloride	2.17	62	209709	44.079	ug/l	99
5) Bromomethane	2.53	94	198517	49.570	ug/l	100
6) Chloroethane	2.67	64	197844	52.302	ug/l	98
7) Trichlorofluoromethane	2.98	101	347724	53.228	ug/l	96
8) Diethyl Ether	3.37	74	105507	46.350	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154802	47.870	ug/l	99
10) Methyl Iodide	3.91	142	203658	46.176	ug/l	99
11) Tert butyl alcohol	4.74	59	133109	220.874	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	155061	47.058	ug/l	94
13) Acrolein	3.57	56	70273	302.732	ug/l	97
14) Allyl chloride	4.28	41	266730	45.578	ug/l	95
15) Acrylonitrile	4.93	53	418391	247.870	ug/l	100
16) Acetone	3.77	43	350993	251.491	ug/l	98
17) Carbon Disulfide	4.01	76	415107	42.324	ug/l	100
18) Methyl Acetate	4.28	43	180154	50.343	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	582035	47.615	ug/l	99
20) Methylene Chloride	4.51	84	196398	50.046	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	182844	50.225	ug/l	90
22) Diisopropyl ether	5.90	45	630276	48.061	ug/l	95
23) Vinyl Acetate	5.84	43	2367335	226.236	ug/l	100
24) 1,1-Dichloroethane	5.80	63	350923	48.540	ug/l	99
25) 2-Butanone	6.78	43	569369	263.472	ug/l	100
26) 2,2-Dichloropropane	6.78	77	249108	38.031	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	219557	49.618	ug/l	94
28) Bromochloromethane	7.15	49	186211	49.300	ug/l	99
29) Tetrahydrofuran	7.17	42	379333	253.862	ug/l	98
30) Chloroform	7.33	83	374725	49.542	ug/l	99
31) Cyclohexane	7.62	56	279771	43.692	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	328481	50.398	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267104	48.312	ug/l	98
37) Ethyl Acetate	6.88	43	236289	45.297	ug/l #	96
38) Carbon Tetrachloride	7.74	117	268457	47.880	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	259616	41.799	ug/l	98
40) Benzene	8.00	78	812502	50.010	ug/l	100
41) Methacrylonitrile	7.12	41	99235	42.606	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	309920	51.067	ug/l	99
43) Isopropyl Acetate	8.13	43	431616	47.869	ug/l #	89
44) Trichloroethene	8.80	130	207918	52.760	ug/l	97
45) 1,2-Dichloropropane	9.08	63	211531	49.175	ug/l	100
46) Dibromomethane	9.17	93	147726	51.822	ug/l	98
47) Bromodichloromethane	9.37	83	307399	50.308	ug/l	99
48) Methyl methacrylate	9.17	41	210171	51.707	ug/l	93
49) 1,4-Dioxane	9.17	88	60102	955.997	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1353725	276.290	ug/l	99
52) Toluene	10.13	92	520215	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	323693	48.430	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	333656	47.557	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	200543	51.740	ug/l	98
56) Ethyl methacrylate	10.40	69	300788	50.993	ug/l	99
57) 1,3-Dichloropropane	10.68	76	349866	50.669	ug/l	98
59) 2-Hexanone	10.72	43	987892	286.894	ug/l	98
60) Dibromochloromethane	10.87	129	221521	51.695	ug/l	100
61) 1,2-Dibromoethane	10.98	107	213248	52.926	ug/l	98
64) Tetrachloroethene	10.60	164	208494	53.405	ug/l	94
65) Chlorobenzene	11.41	112	545083	49.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203771	50.122	ug/l	99
67) Ethyl Benzene	11.49	91	1028832	51.503	ug/l	100
68) m/p-Xylenes	11.59	106	750471	101.436	ug/l	100
69) o-Xylene	11.92	106	364890	51.053	ug/l	99
70) Styrene	11.94	104	631699	51.428	ug/l	99
71) Bromoform	12.10	173	139893	50.704	ug/l #	99
73) Isopropylbenzene	12.23	105	968956	50.651	ug/l	99
74) N-amyl acetate	12.04	43	378562	47.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	280984	50.946	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	382526	78.058	ug/l #	100
77) Bromobenzene	12.50	156	227608	52.608	ug/l	94
78) n-propylbenzene	12.57	91	1114329	50.339	ug/l	99
79) 2-Chlorotoluene	12.65	91	674537	50.875	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	788567	49.523	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	90234	44.504	ug/l	95
82) 4-Chlorotoluene	12.75	91	692883	50.388	ug/l	100
83) tert-Butylbenzene	12.97	119	645203	47.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	811417	50.555	ug/l	98
85) sec-Butylbenzene	13.15	105	851362	47.835	ug/l	100
86) p-Isopropyltoluene	13.26	119	755055	47.785	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	406522	51.148	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	413899	50.293	ug/l	99
89) n-Butylbenzene	13.59	91	654224	44.817	ug/l	99
90) Hexachloroethane	13.85	117	129595	44.305	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	408562	52.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61860	51.017	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	203028	47.117	ug/l	98

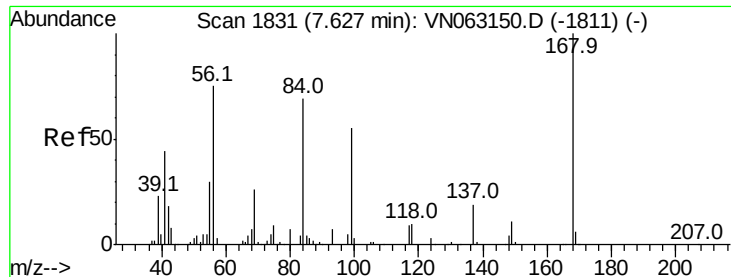
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	66822	41.511	ug/l	99
95) Naphthalene	15.11	128	700658	48.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	194778	46.396	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

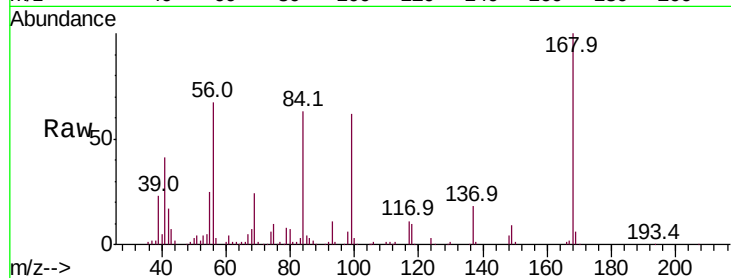
SA-MW131I-20200901MS

Tot Ion:168 Resp: 300333

Ion Ratio Lower Upper

168 100

99 61.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

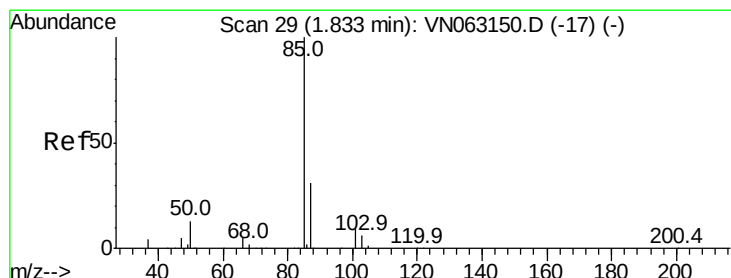
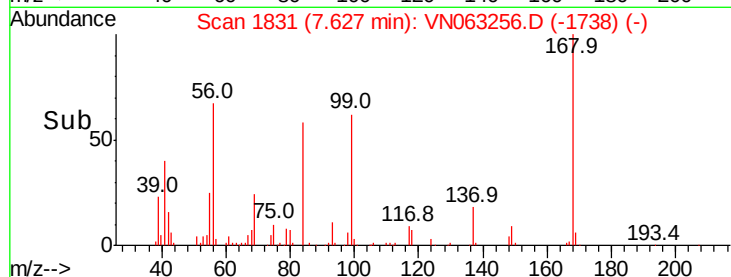
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50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.930 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063256.D

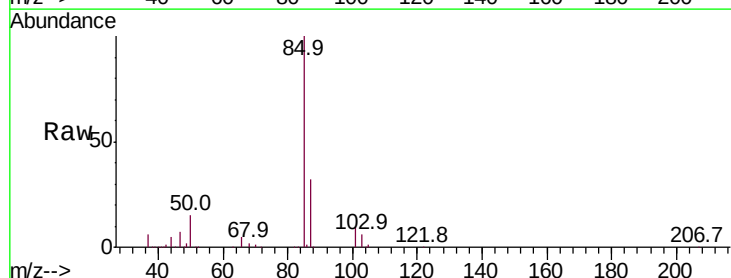
Acq: 4 Sep 2020 18:36

Tgt Ion: 85 Resp: 129935

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

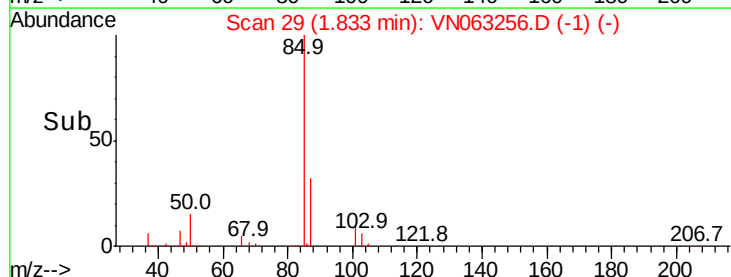
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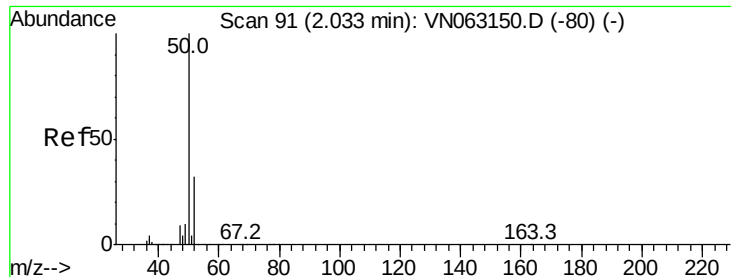
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.603 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

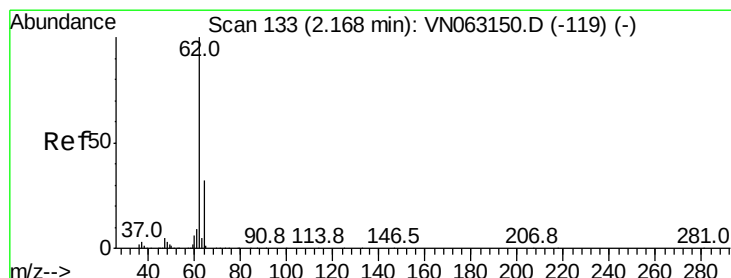
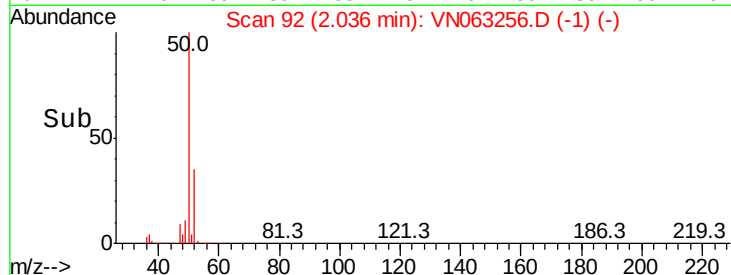
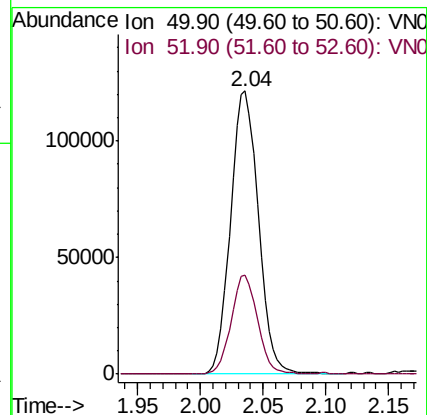
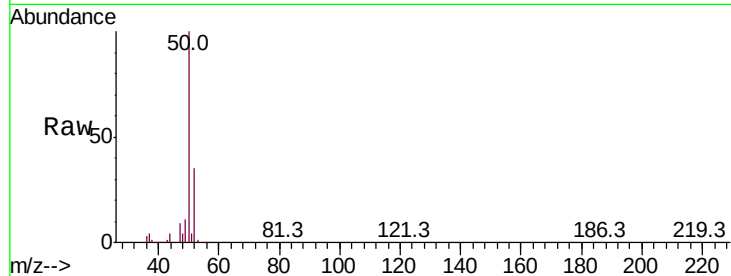
SA-MW131I-20200901MS

Tot Ion: 50 Resp: 187797

Ion Ratio Lower Upper

50 100

52 35.2 25.8 38.6



#4

Vinyl Chloride

Concen: 44.079 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063256.D

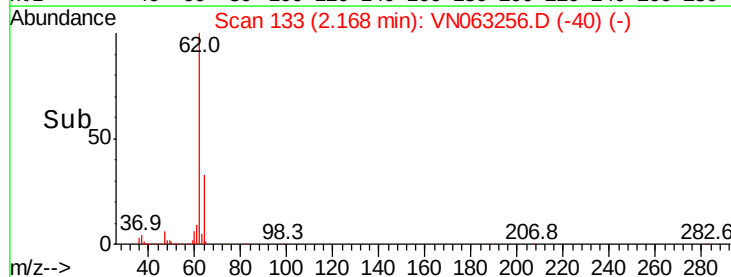
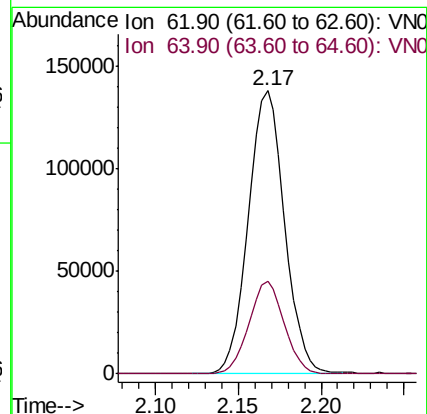
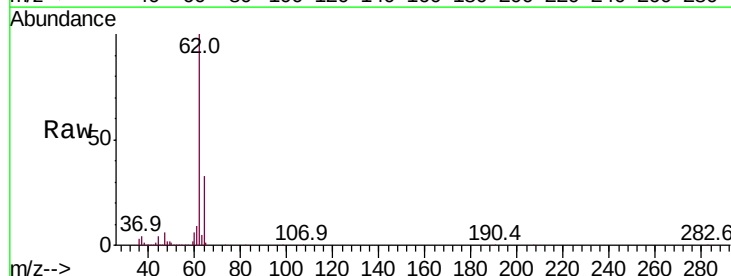
Acq: 4 Sep 2020 18:36

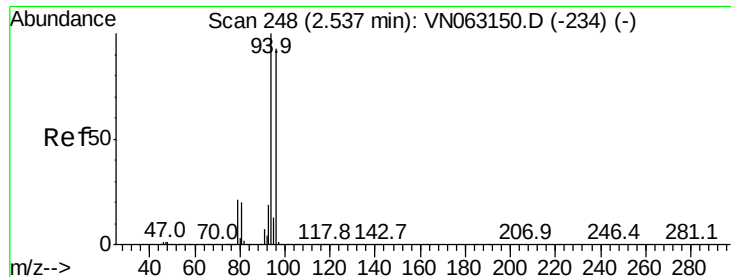
Tgt Ion: 62 Resp: 209709

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 49.570 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

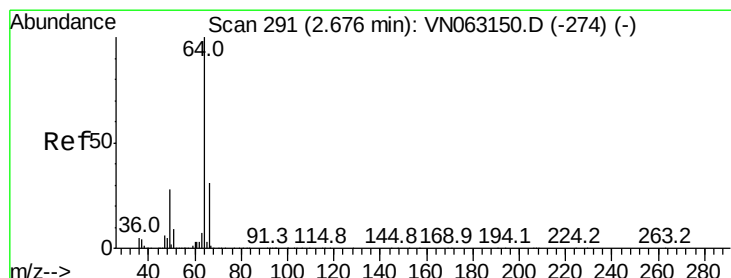
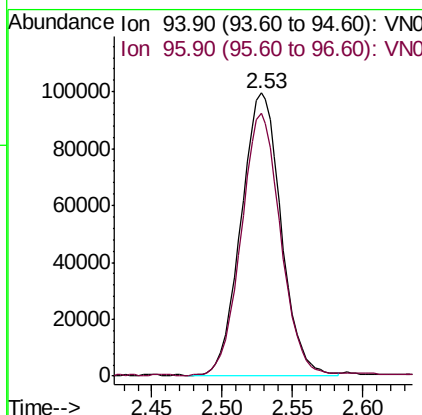
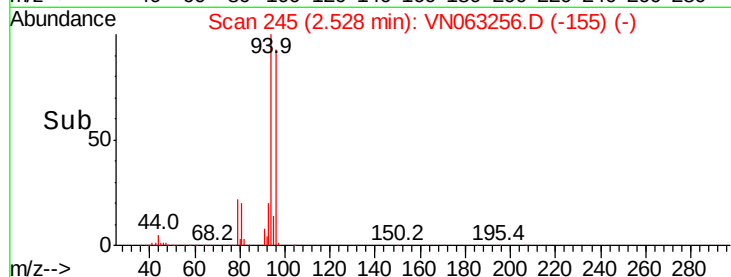
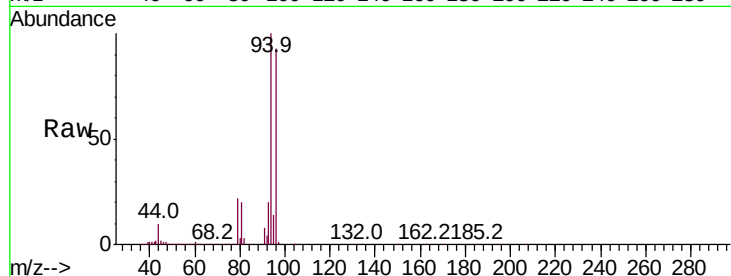
SA-MW131I-20200901MS

Tot Ion: 94 Resp: 198517

Ion Ratio Lower Upper

94 100

96 92.6 74.4 111.6



#6

Chloroethane

Concen: 52.302 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063256.D

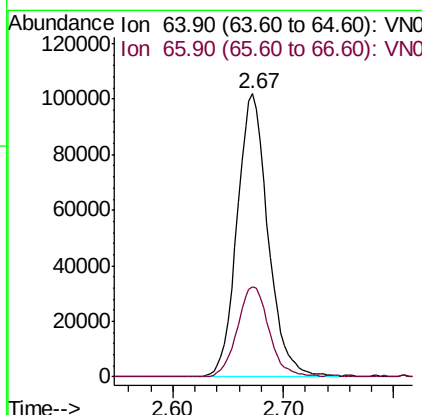
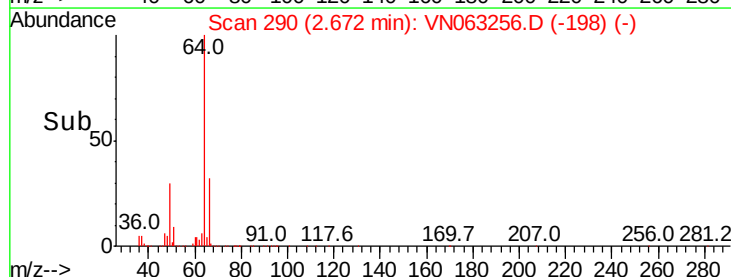
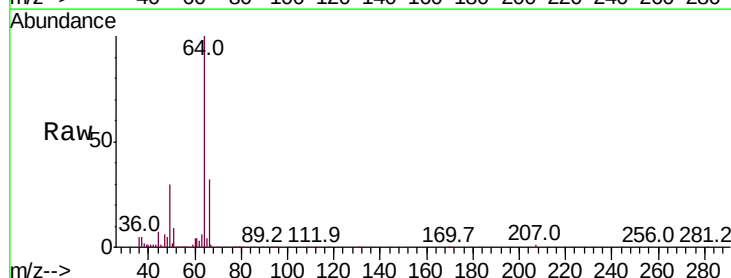
Acq: 4 Sep 2020 18:36

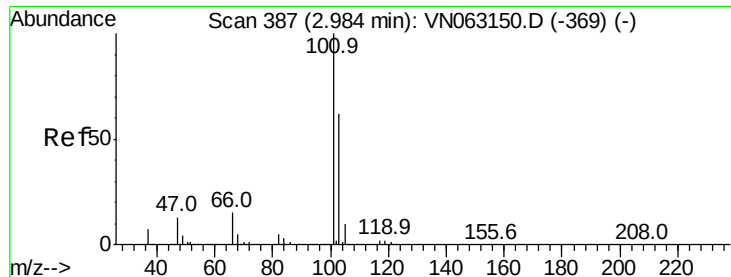
Tgt Ion: 64 Resp: 197844

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1



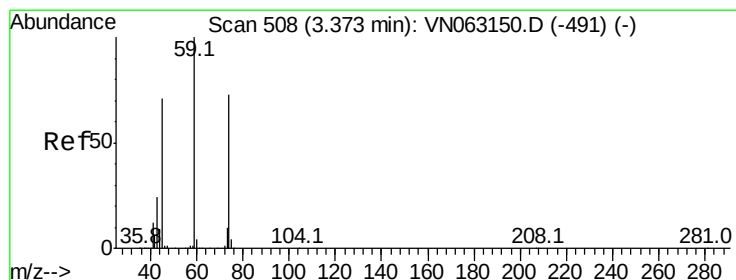
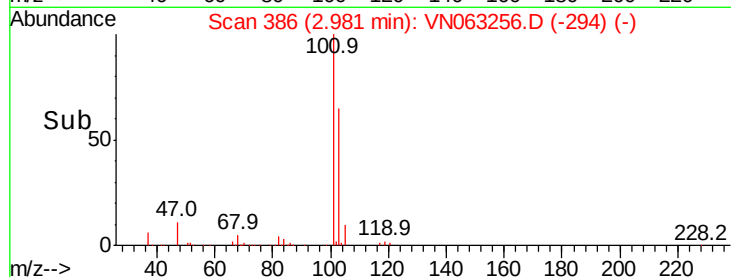
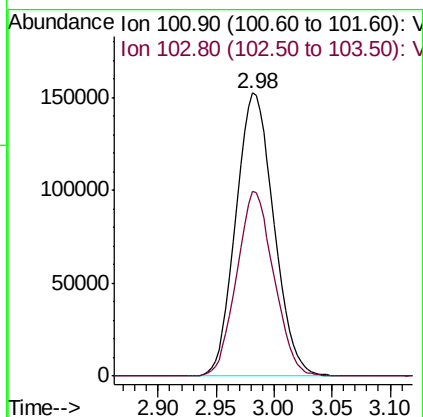
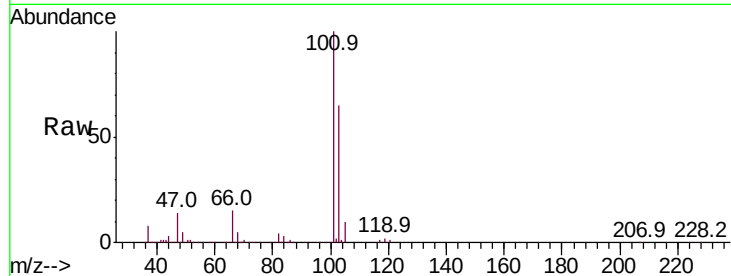


#7

Trichlorofluoromethane
Concen: 53.228 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063256.D
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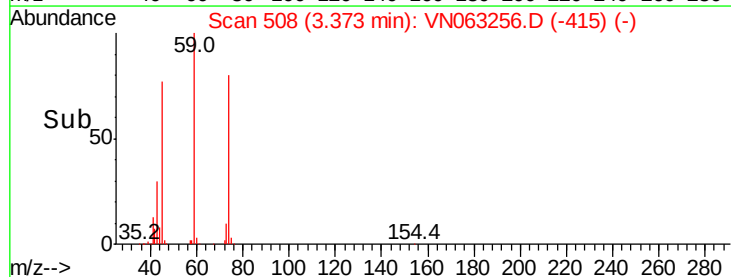
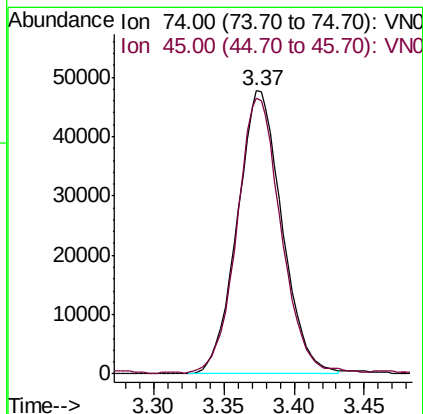
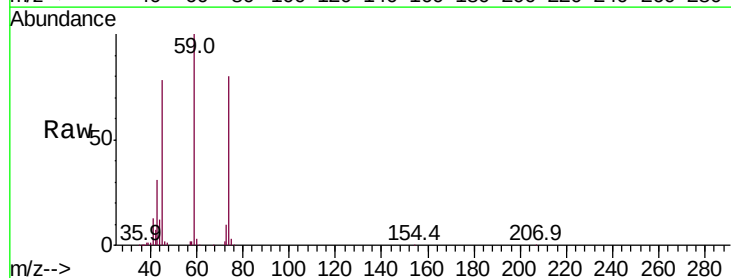
Tot Ion:101 Resp: 347724
Ion Ratio Lower Upper
101 100
103 65.0 49.7 74.5

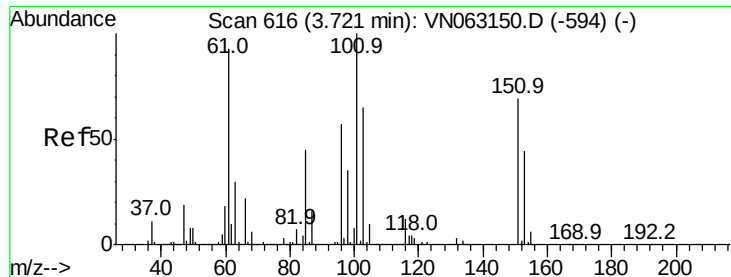


#8

Diethyl Ether
Concen: 46.350 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 74 Resp: 105507
Ion Ratio Lower Upper
74 100
45 95.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.870 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

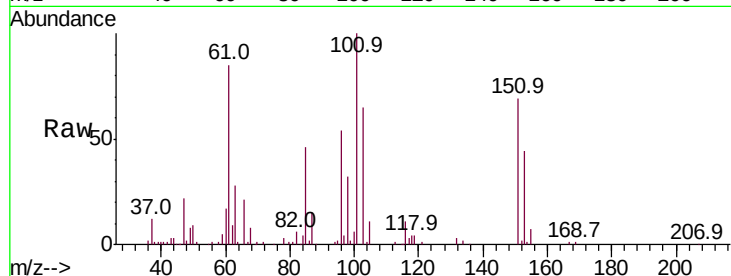
Tot Ion:101 Resp: 154802

Ion Ratio Lower Upper

101 100

85 47.5 37.8 56.8

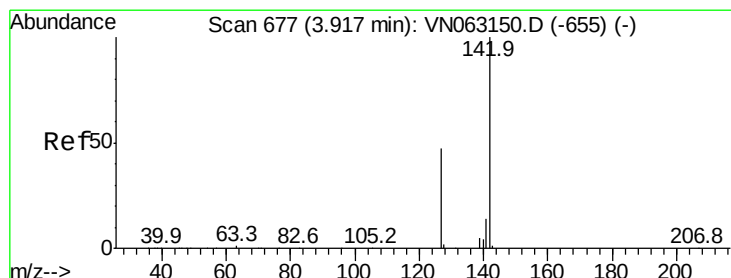
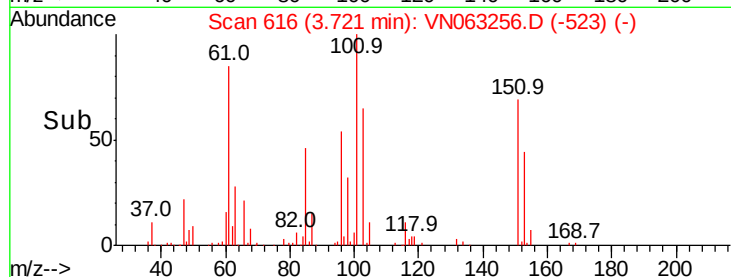
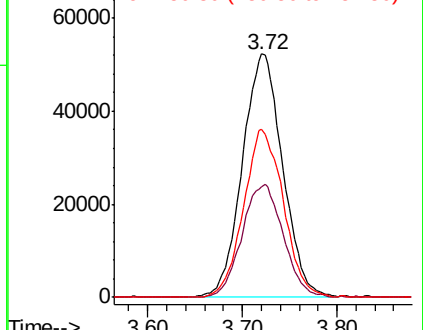
151 68.1 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.176 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

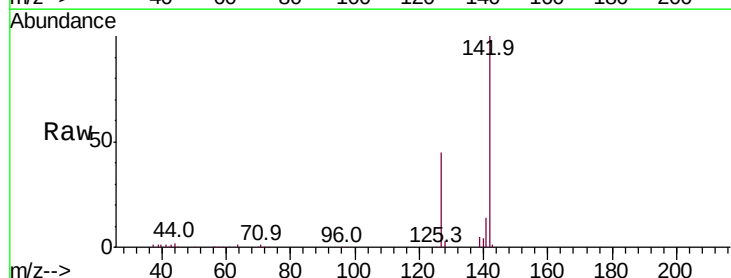
Tgt Ion:142 Resp: 203658

Ion Ratio Lower Upper

142 100

127 46.8 37.6 56.4

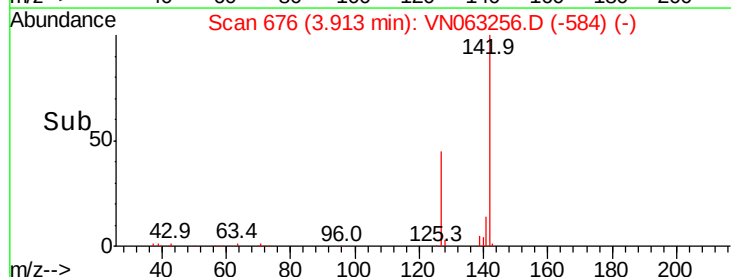
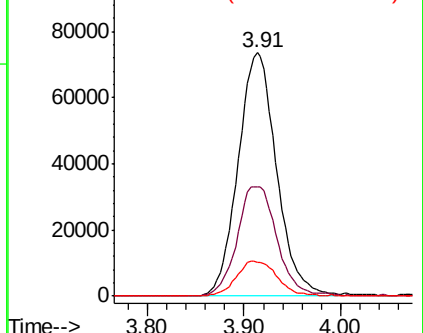
141 15.2 11.3 16.9

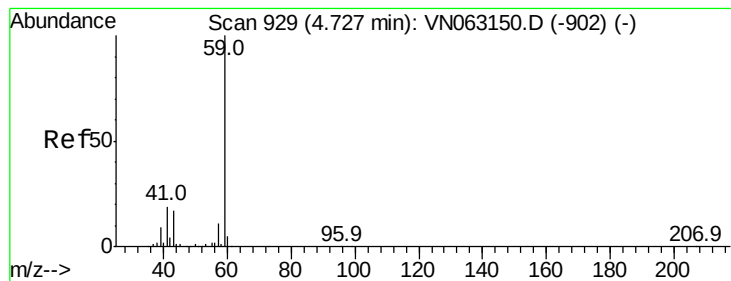


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



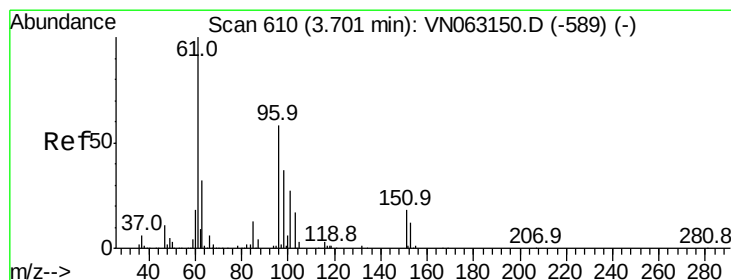
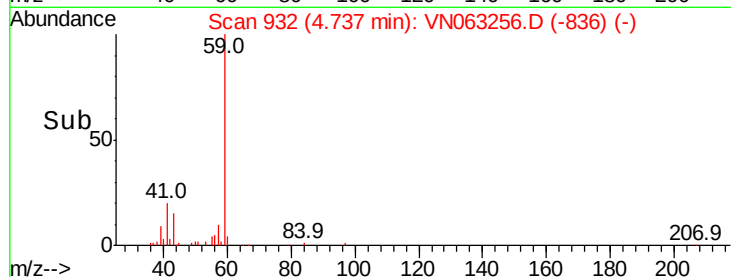
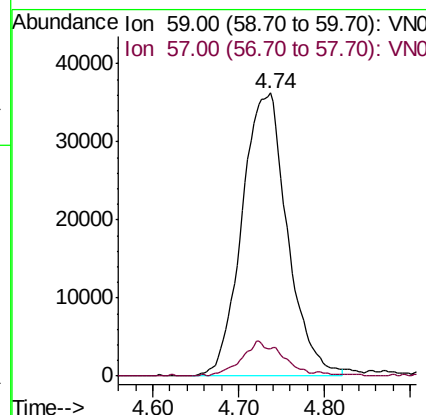
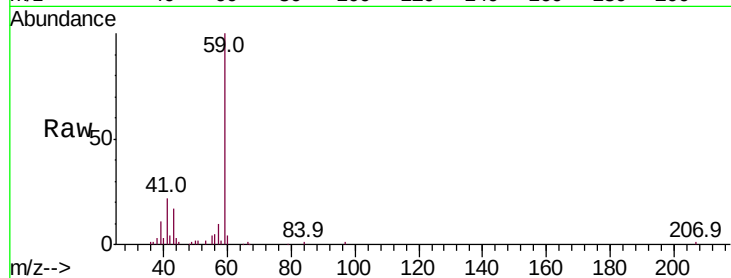


#11

Tert butyl alcohol
 Concen: 220.874 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

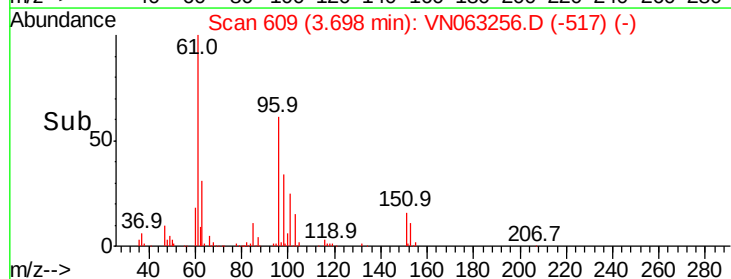
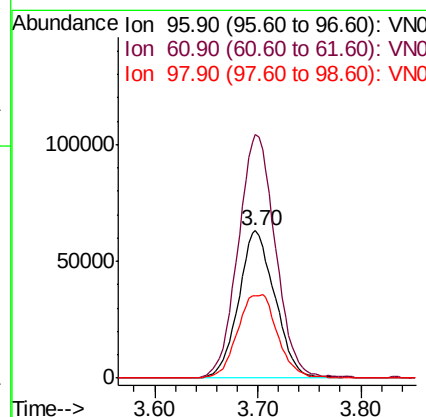
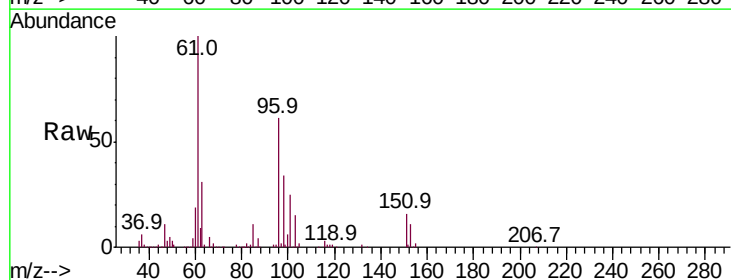
Tot Ion: 59 Resp: 133109
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.4 12.6#

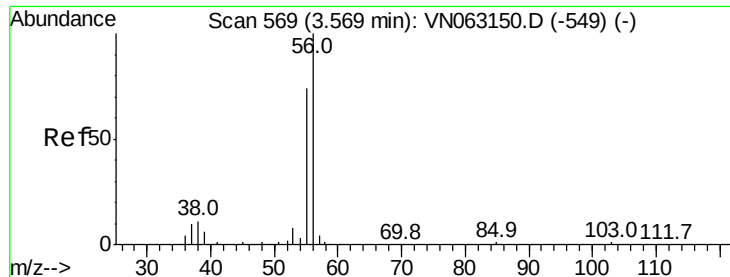


#12

1,1-Dichloroethene
 Concen: 47.058 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 96 Resp: 155061
 Ion Ratio Lower Upper
 96 100
 61 165.2 137.4 206.2
 98 56.0 50.5 75.7





#13

Acrolein

Concen: 302.732 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

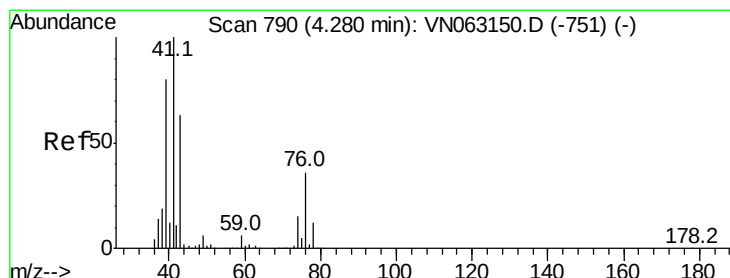
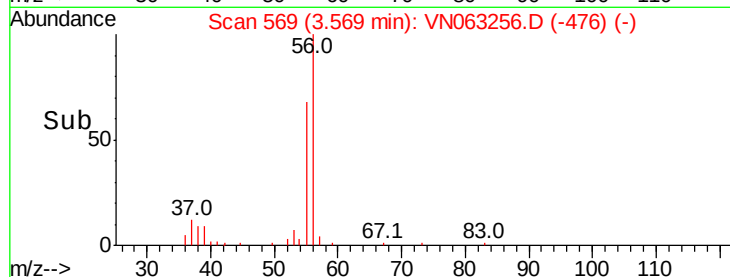
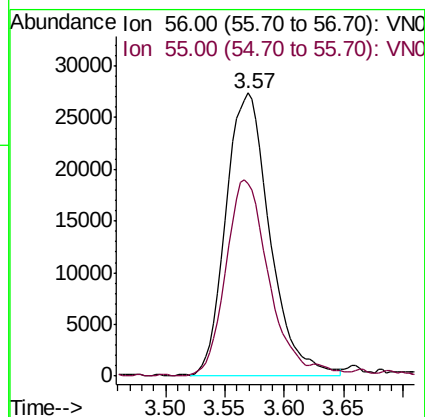
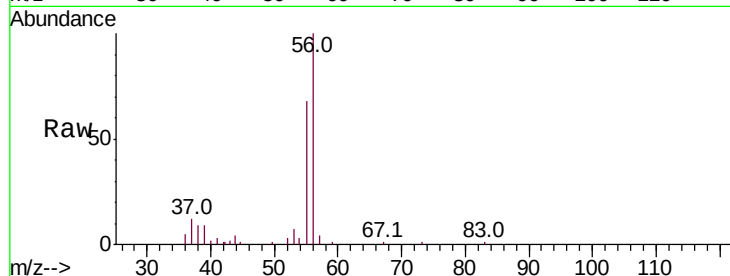
SA-MW131I-20200901MS

Tot Ion: 56 Resp: 70273

Ion Ratio Lower Upper

56 100

55 66.6 55.4 83.0



#14

Allyl chloride

Concen: 45.578 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

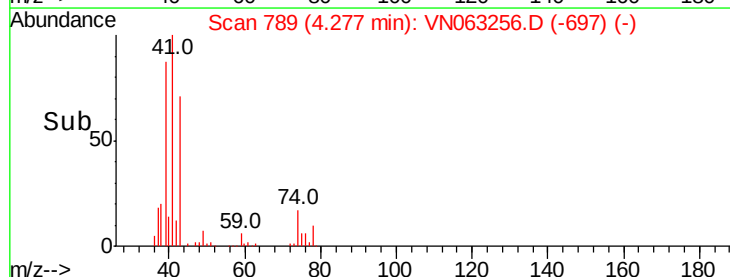
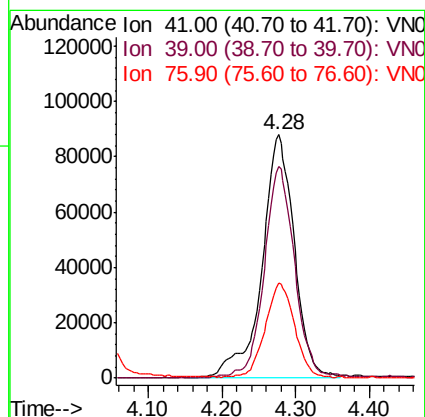
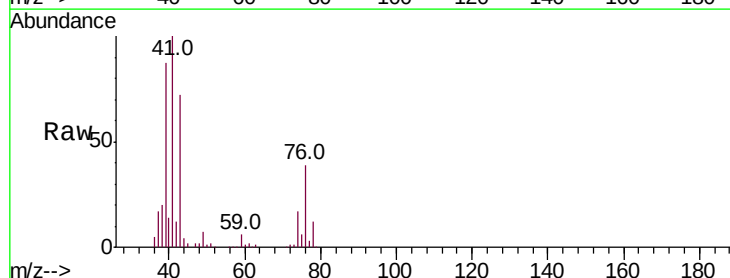
Tgt Ion: 41 Resp: 266730

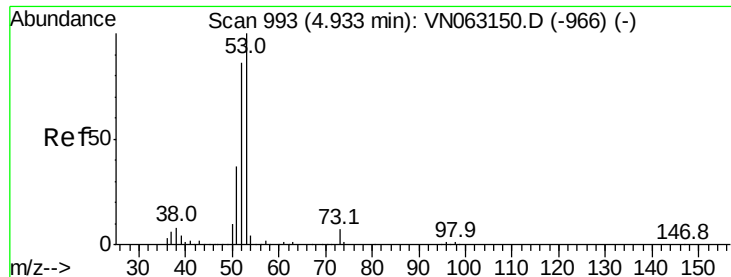
Ion Ratio Lower Upper

41 100

39 81.3 60.2 90.2

76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 247.870 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

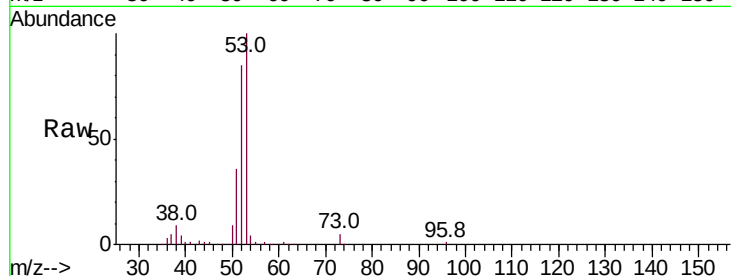
Tot Ion: 53 Resp: 418391

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

51 38.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063150.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN063150.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN063150.D (-966) (-)

4.93

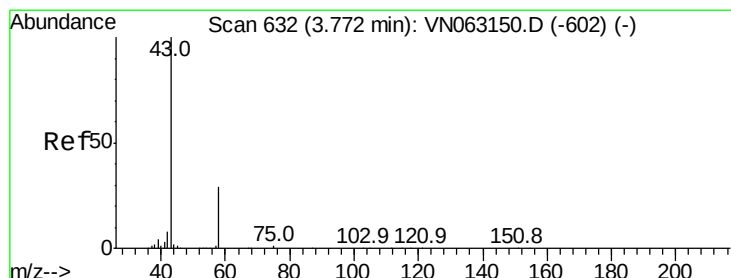
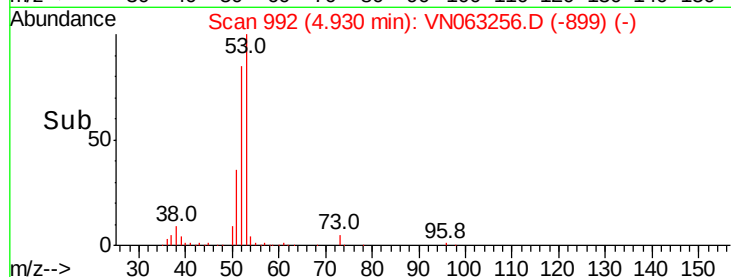
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 251.491 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063256.D

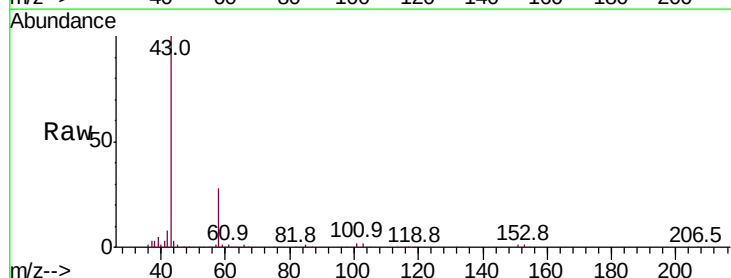
Acq: 4 Sep 2020 18:36

Tgt Ion: 43 Resp: 350993

Ion Ratio Lower Upper

43 100

58 28.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-602) (-)

3.77

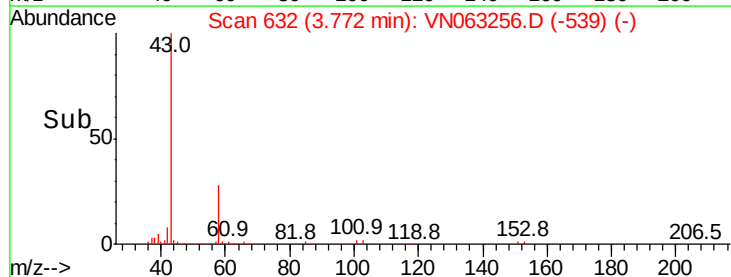
150000

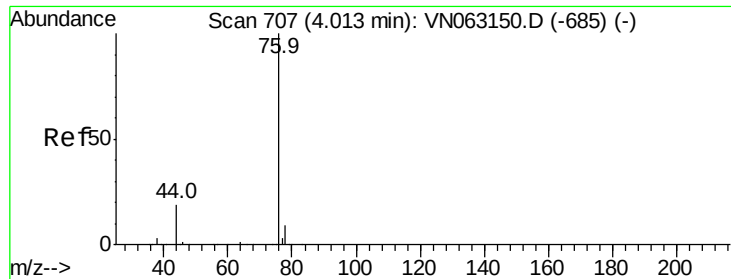
100000

50000

0

Time-->

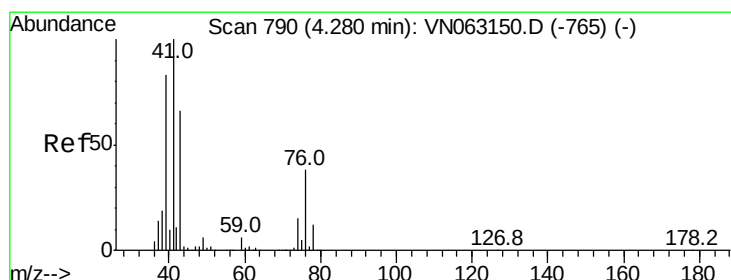
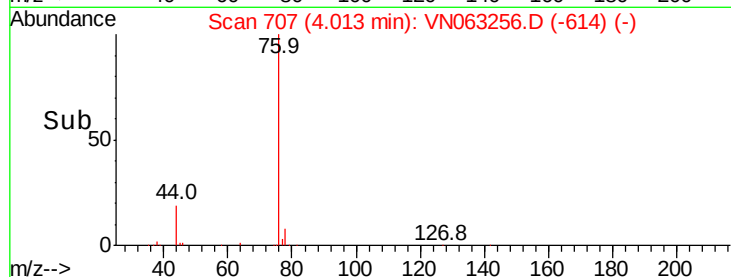
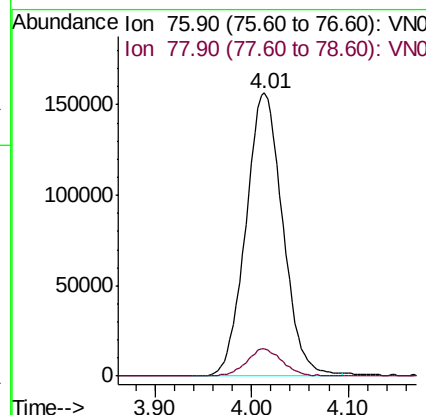
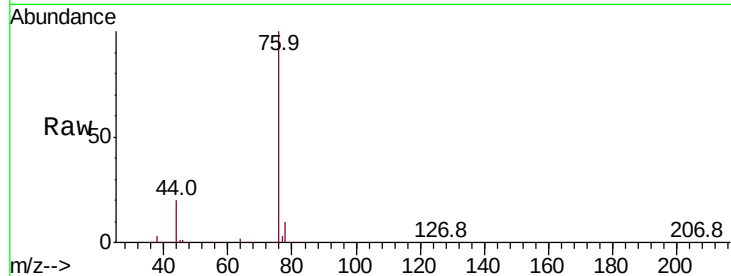




#17
Carbon Disulfide
Concen: 42.324 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

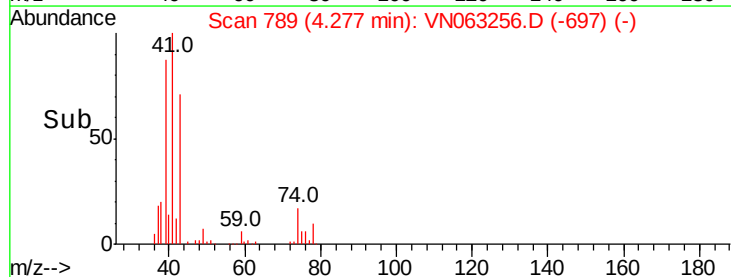
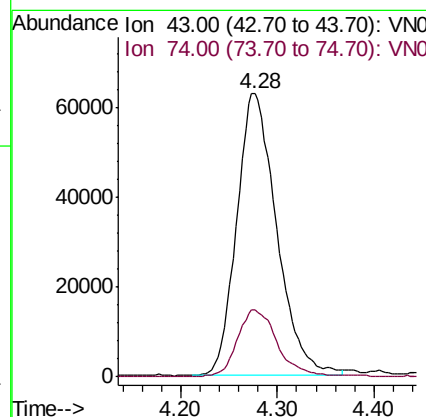
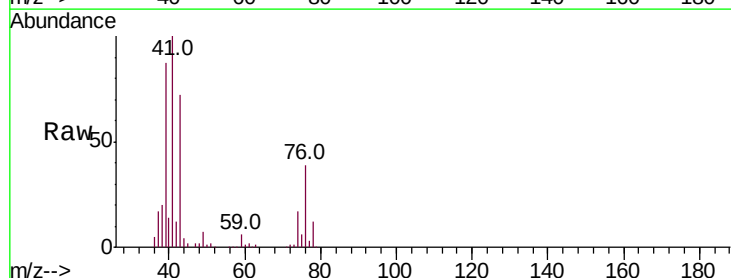
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

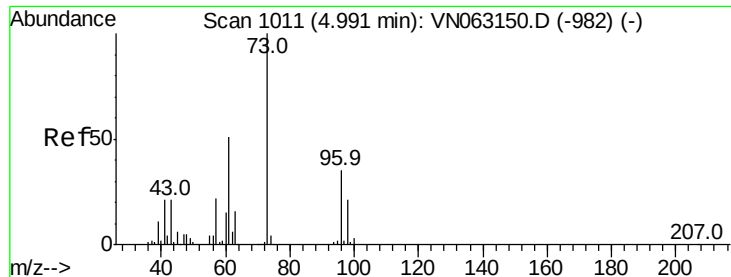
Tot Ion: 76 Resp: 415107
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 50.343 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 43 Resp: 180154
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6





#19

Methvl tert-butvl Ether

Concen: 47.615 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

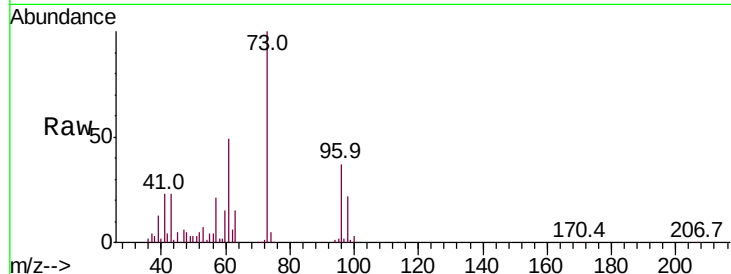
SA-MW131I-20200901MS

Tot Ion: 73 Resp: 582035

Ion Ratio Lower Upper

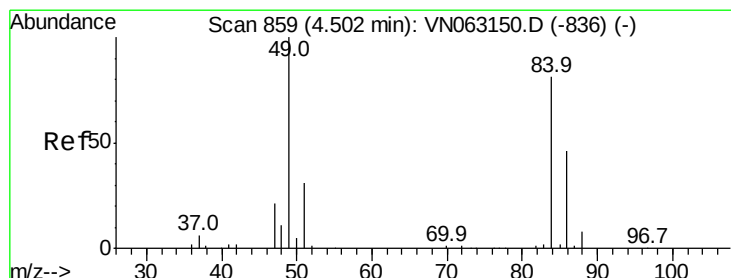
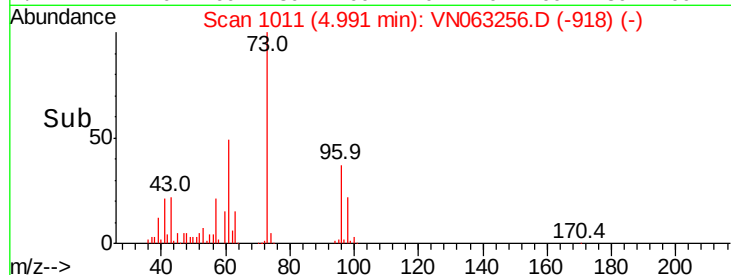
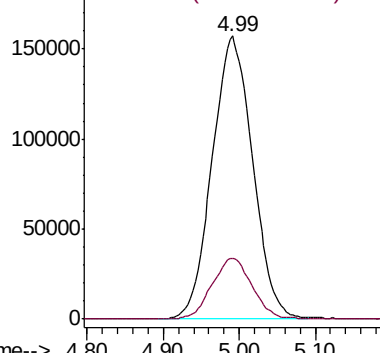
73 100

57 21.3 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 50.046 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion: 84 Resp: 196398

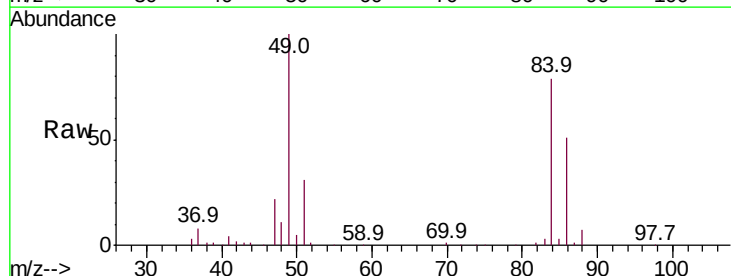
Ion Ratio Lower Upper

84 100

49 126.3 98.4 147.6

51 39.2 30.4 45.6

86 64.2 45.7 68.5

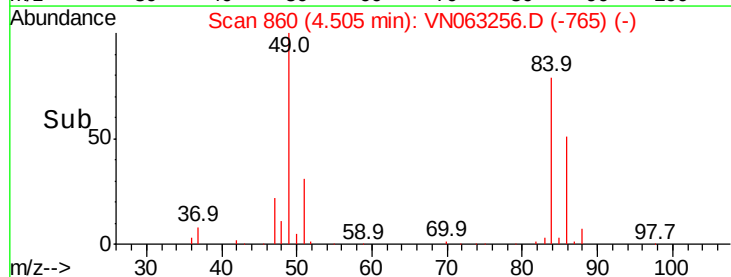
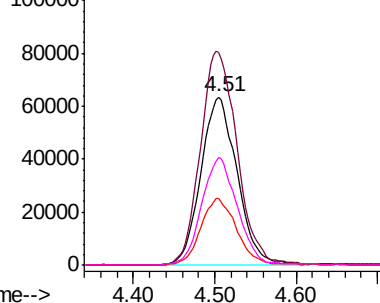


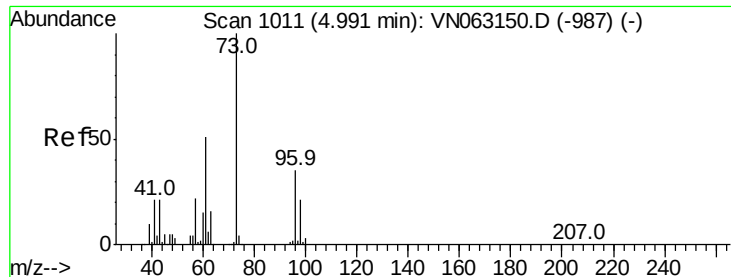
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 50.225 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

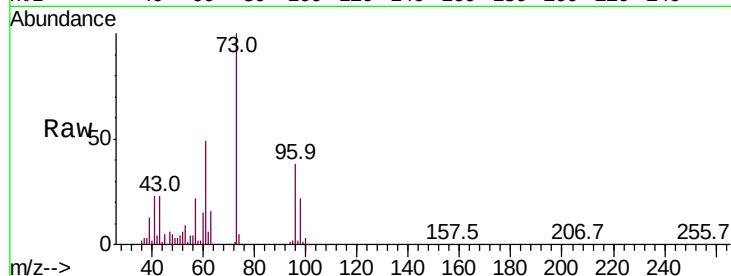
Tot Ion: 96 Resp: 182844

Ion Ratio Lower Upper

96 100

61 129.0 116.2 174.4

98 58.8 48.0 72.0

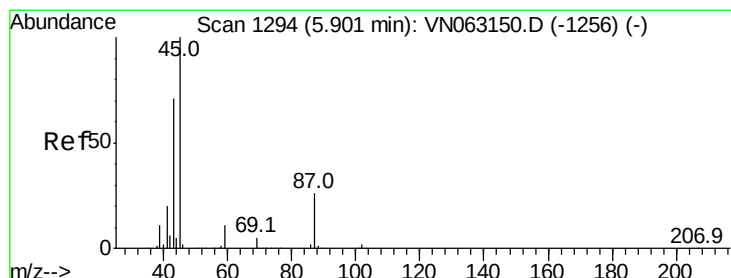
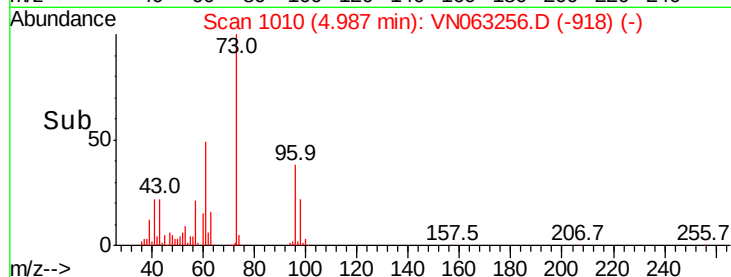
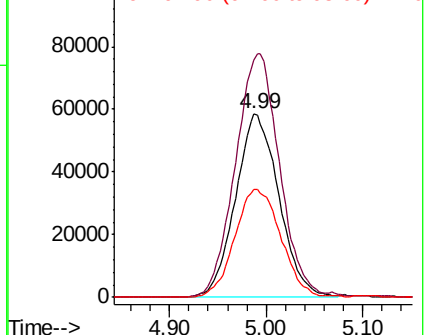


Abundance

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: 48.061 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion: 45 Resp: 630276

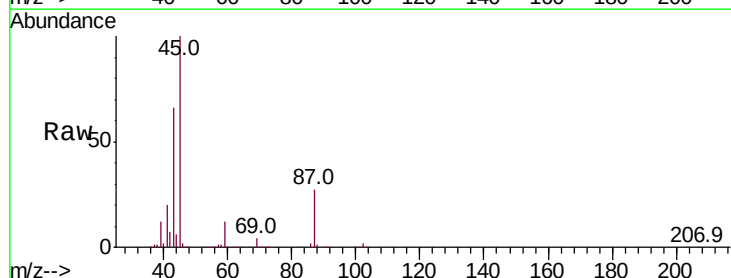
Ion Ratio Lower Upper

45 100

43 64.8 56.8 85.2

87 26.7 21.1 31.7

59 12.4 8.9 13.3



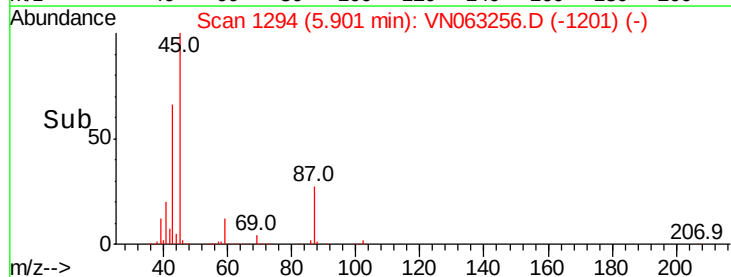
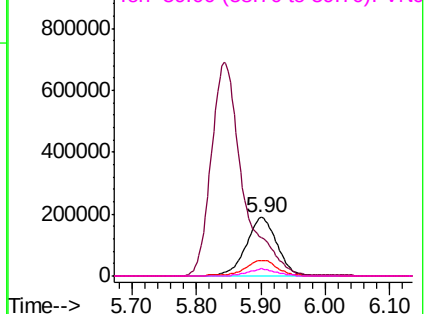
Abundance

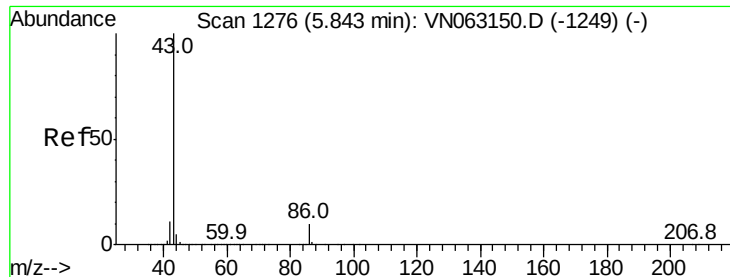
Ion 45.00 (44.70 to 45.70): VN0

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: 226.236 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

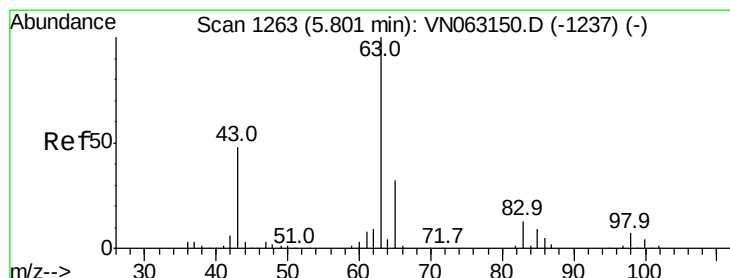
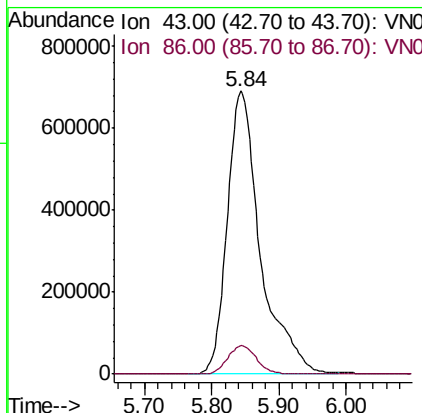
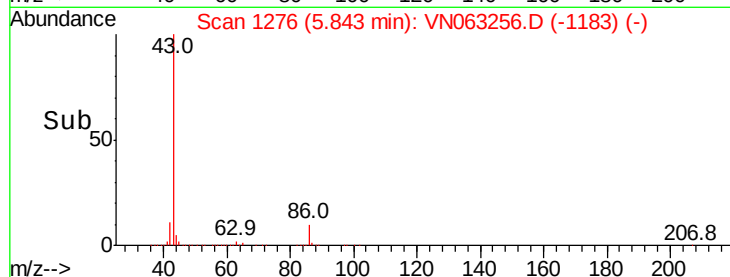
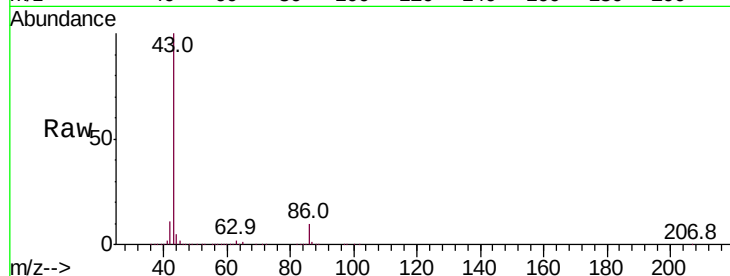
SA-MW131I-20200901MS

Tot Ion: 43 Resp: 2367335

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.540 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

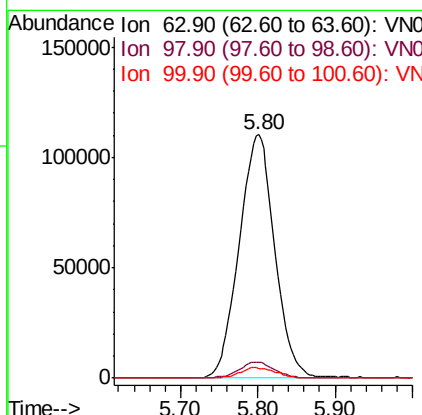
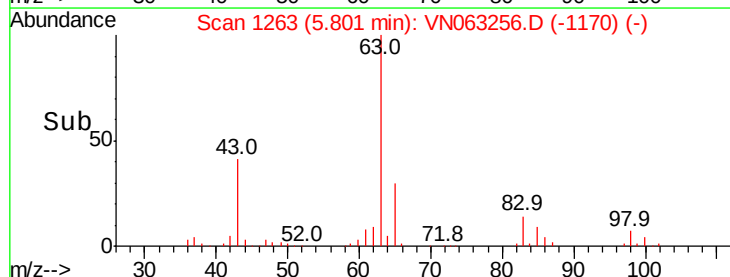
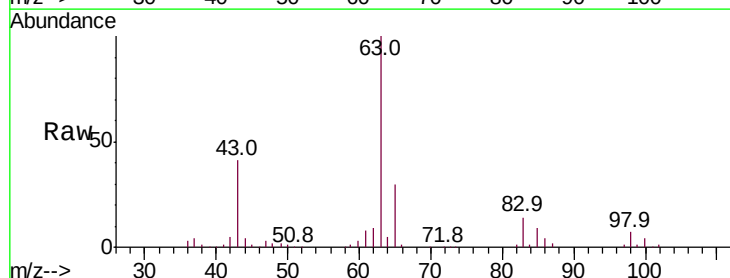
Tgt Ion: 63 Resp: 350923

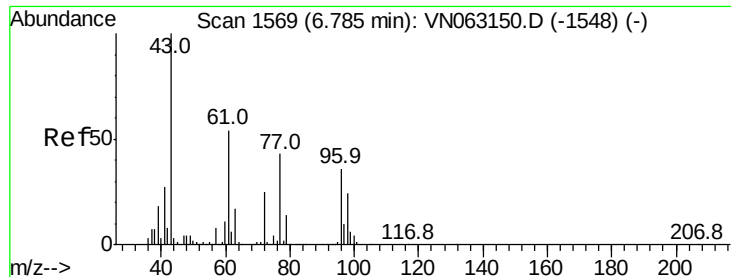
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 263.472 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

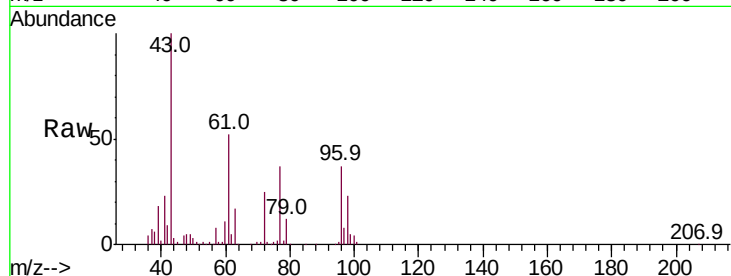
SA-MW131I-20200901MS

Tot Ion: 43 Resp: 569369

Ion Ratio Lower Upper

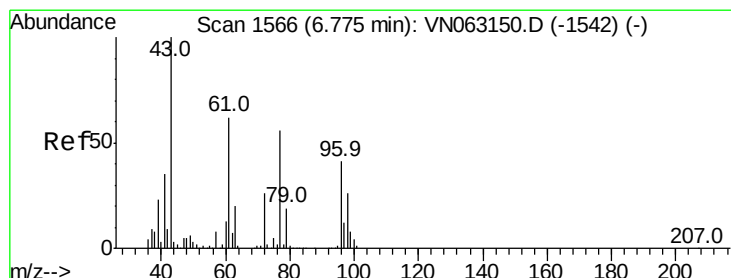
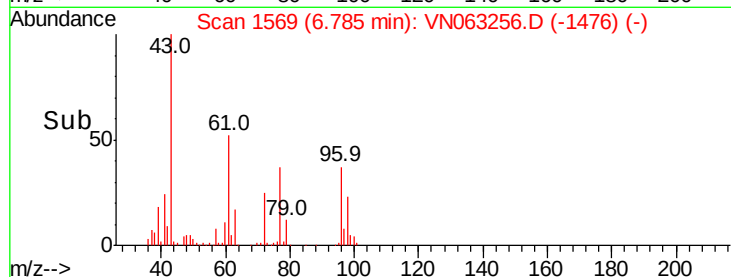
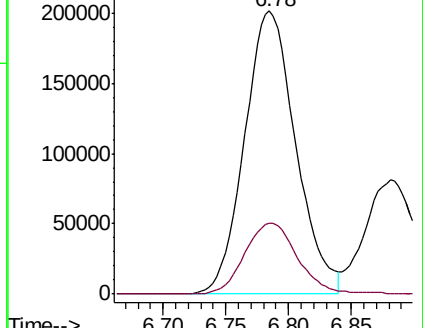
43 100

72 25.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 38.031 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063256.D

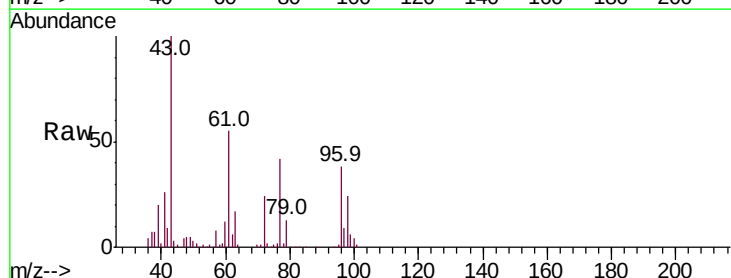
Acq: 4 Sep 2020 18:36

Tgt Ion: 77 Resp: 249108

Ion Ratio Lower Upper

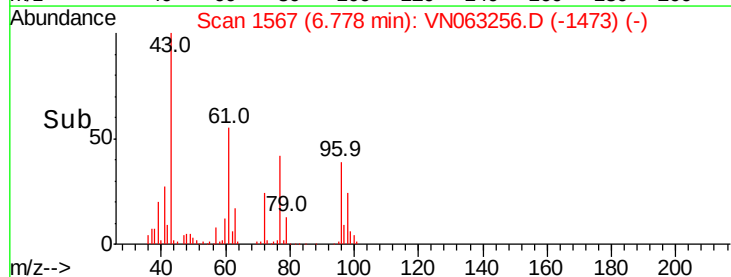
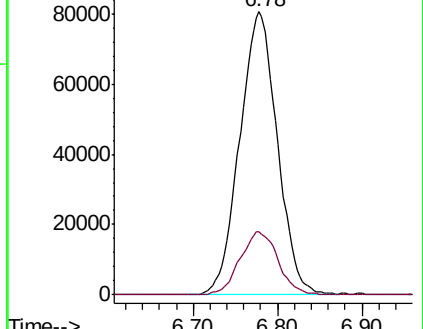
77 100

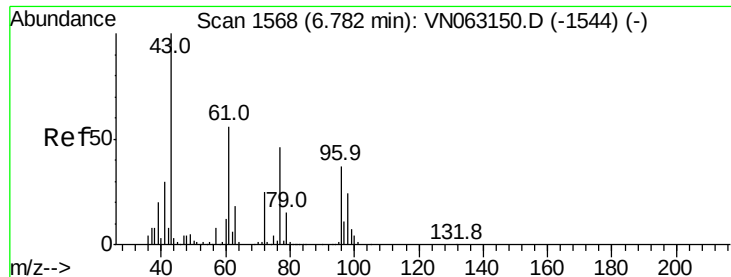
97 22.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

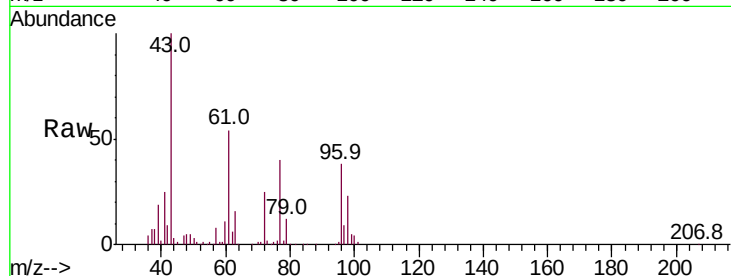




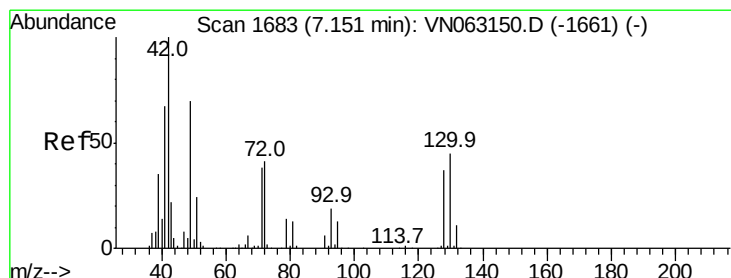
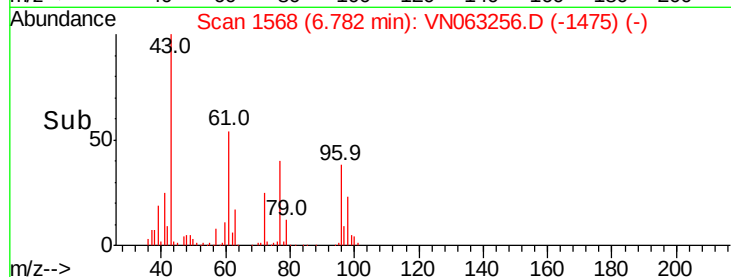
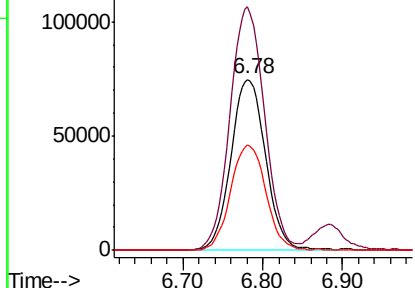
#27
 cis-1,2-Dichloroethene
 Concen: 49.618 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	303.2
98	62.3	0.0	129.0

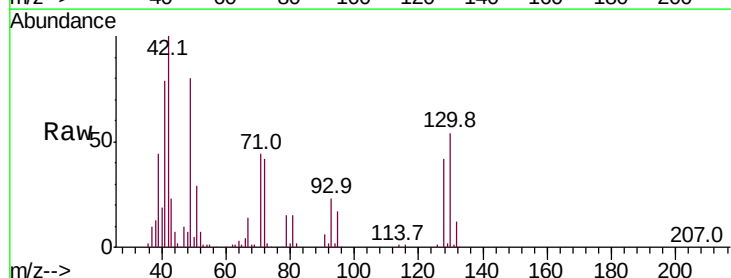


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

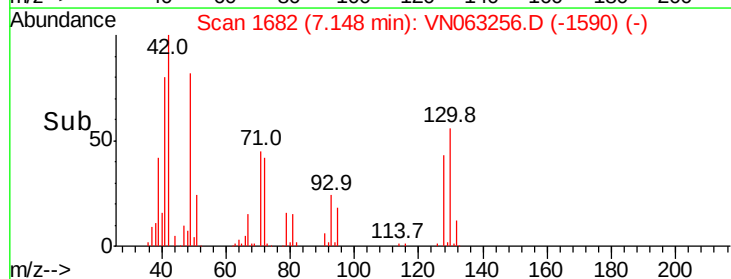
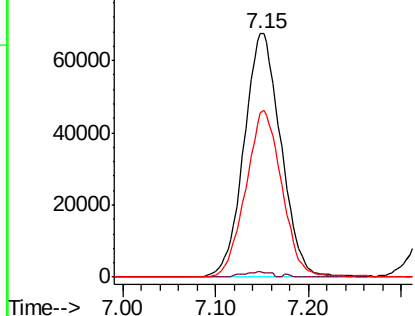


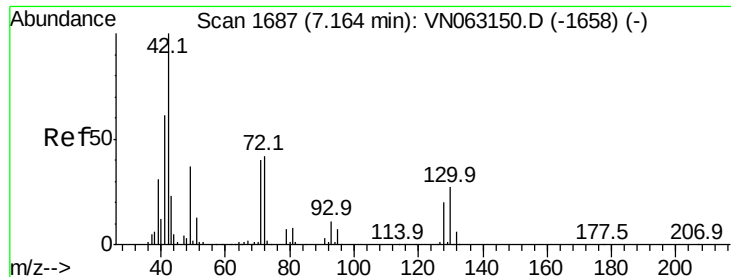
#28
 Bromochloromethane
 Concen: 49.300 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	66.9	54.4	81.6



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





#29

Tetrahydrofuran

Concen: 253.862 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

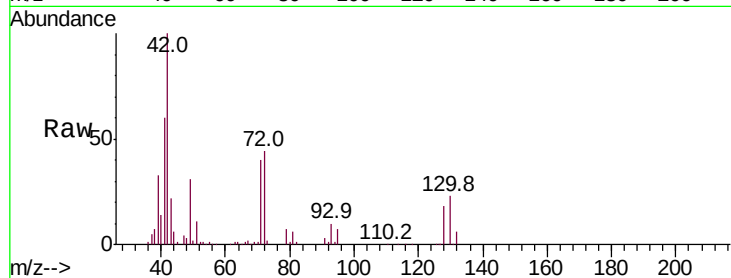
Tot Ion: 42 Resp: 379333

Ion Ratio Lower Upper

42 100

72 43.8 33.9 50.9

71 41.3 31.9 47.9

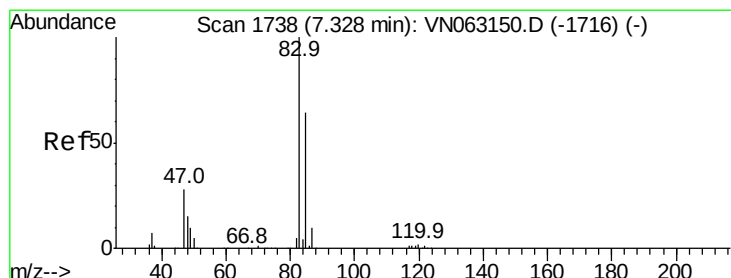
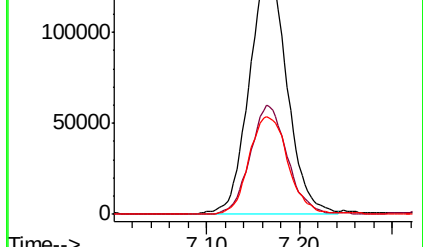
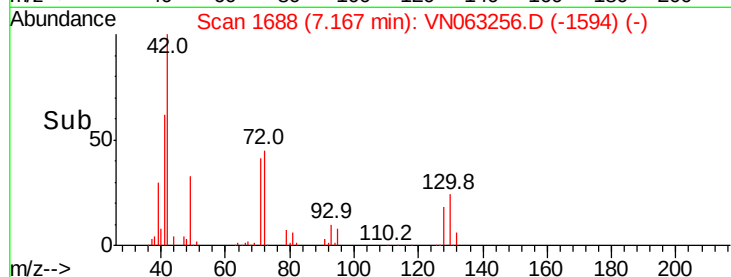


Abundance Ion 42.00 (41.70 to 42.70): VN063150.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063150.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063150.D (-1658) (-)

Time-->



#30

Chloroform

Concen: 49.542 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063256.D

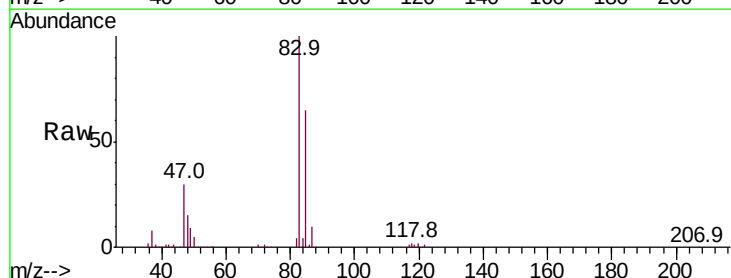
Acq: 4 Sep 2020 18:36

Tgt Ion: 83 Resp: 374725

Ion Ratio Lower Upper

83 100

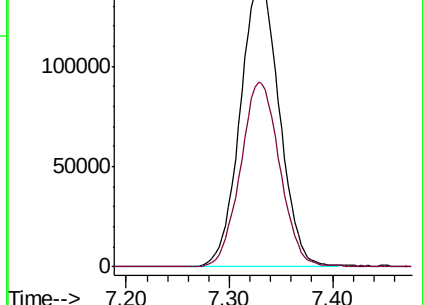
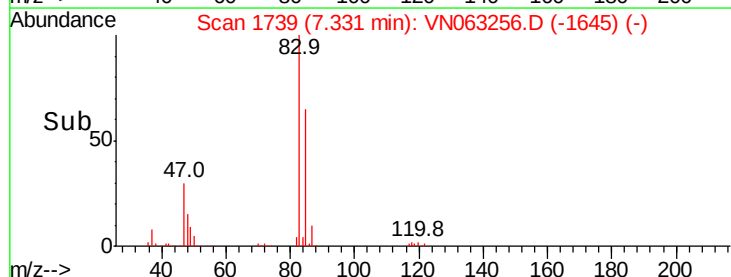
85 64.8 51.0 76.6

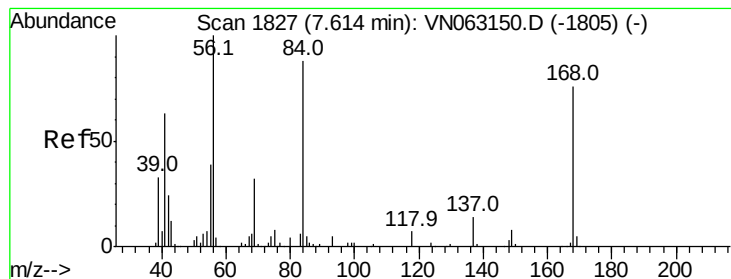


Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-1716) (-)

Time-->





#31

Cyclohexane

Concen: 43.692 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

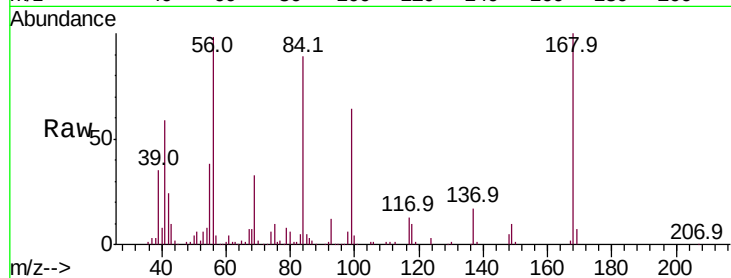
Tot Ion: 56 Resp: 279771

Ion Ratio Lower Upper

56 100

69 34.1 25.4 38.0

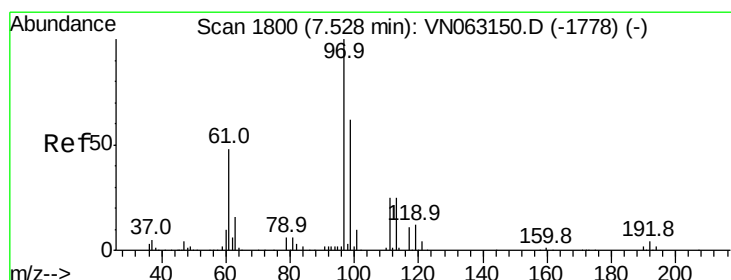
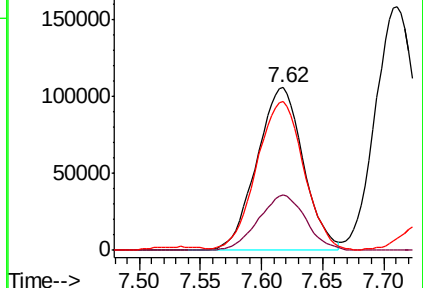
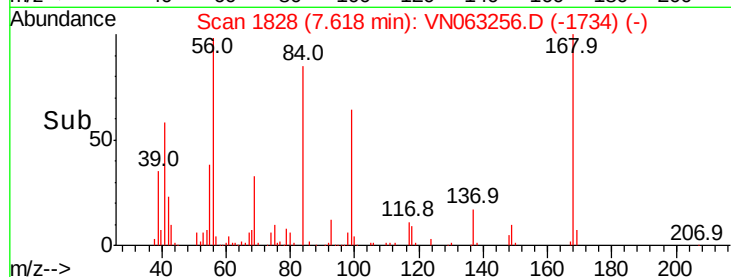
84 89.5 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063150.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063150.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063150.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 50.398 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

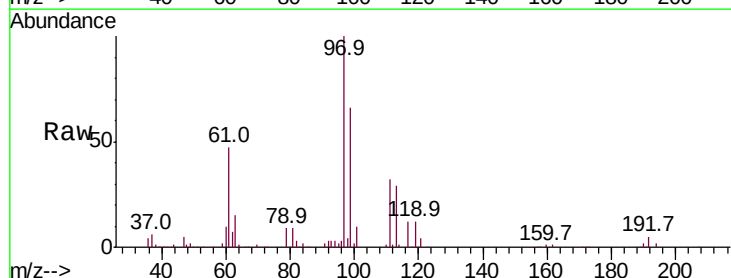
Tgt Ion: 97 Resp: 328481

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

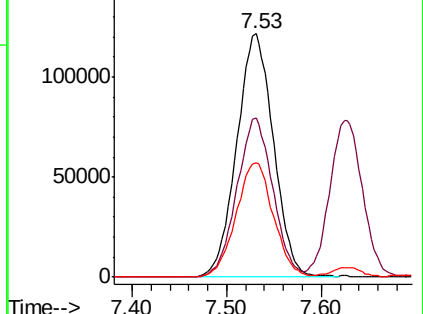
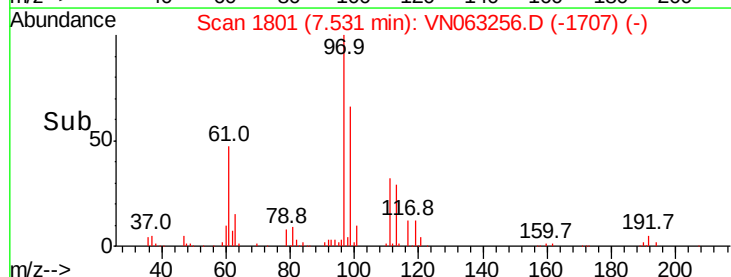
61 47.6 37.4 56.2

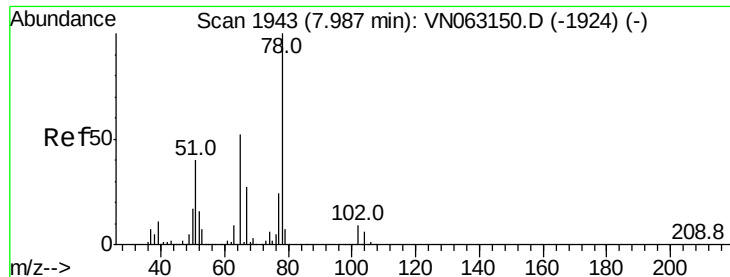


Abundance Ion 96.90 (96.60 to 97.60): VN063150.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-1778) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

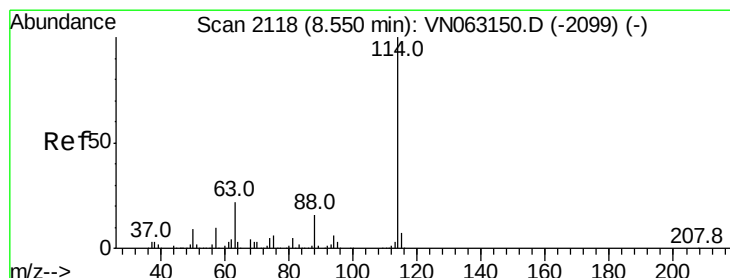
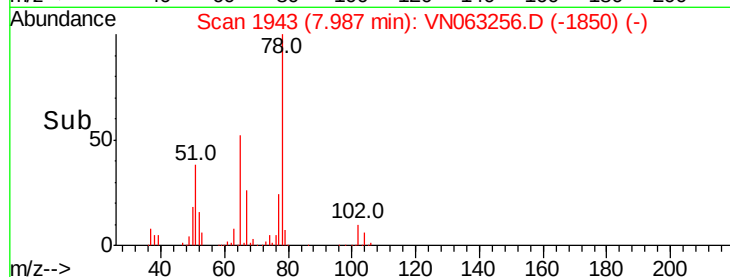
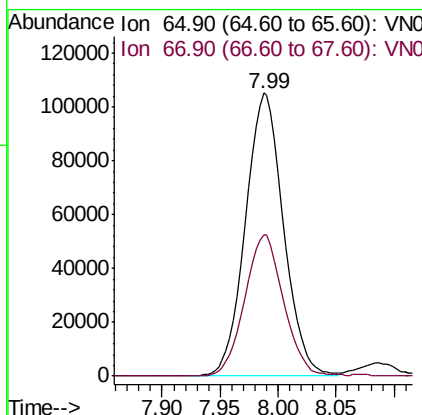
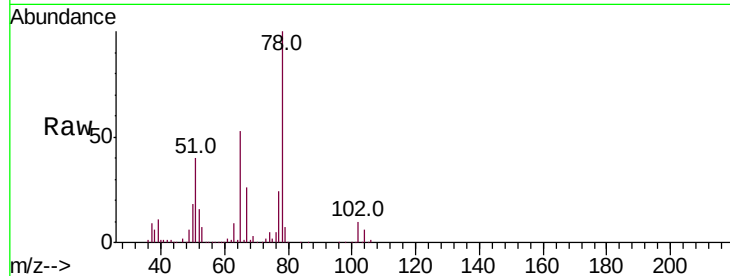
Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 65 Resp: 240567

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

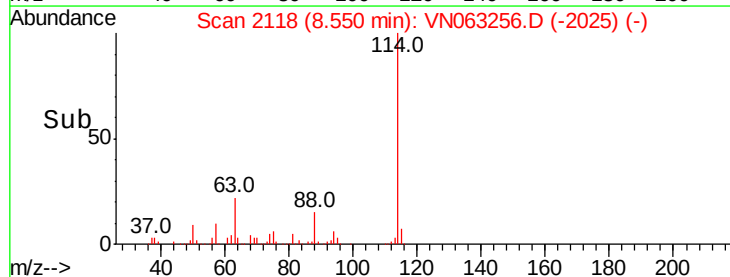
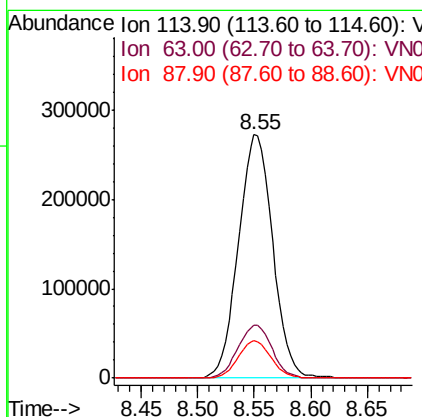
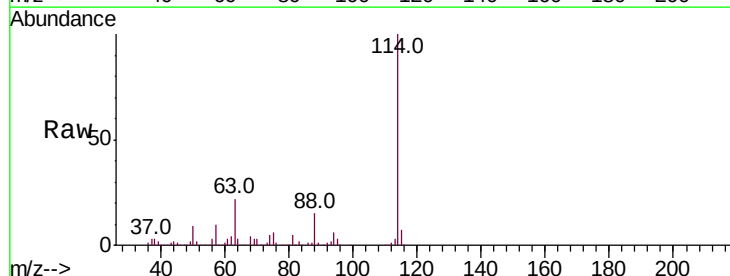
Delta R.T. -0.00 min

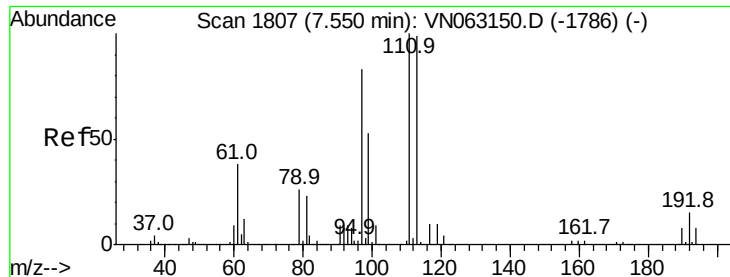
Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion: 114 Resp: 575100

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	15.2	0.0	31.6





#35

Dibromofluoromethane

Concen: 48.288 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

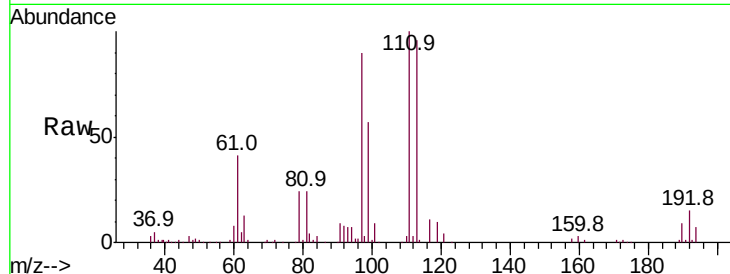
Tot Ion:113 Resp: 178163

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

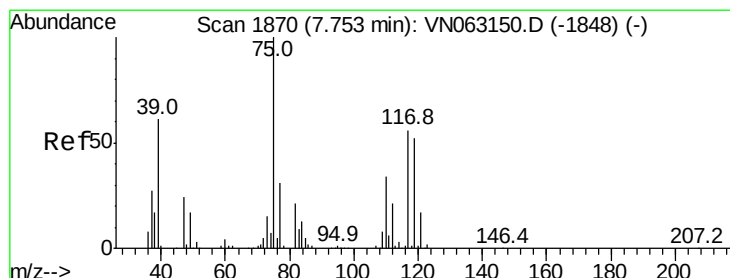
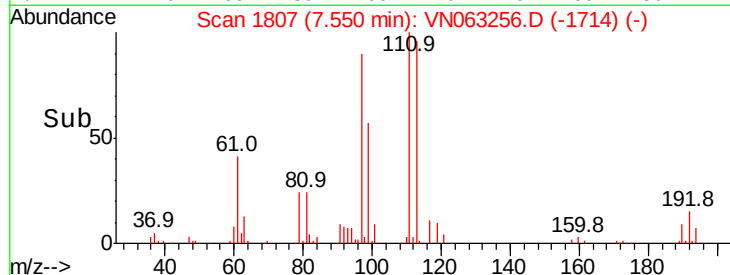
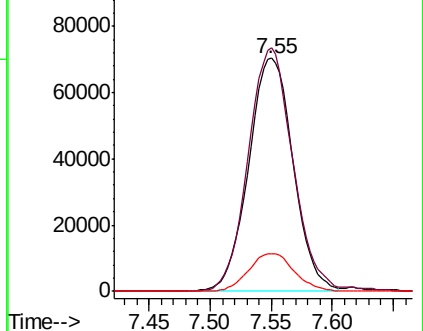
192 16.6 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.312 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

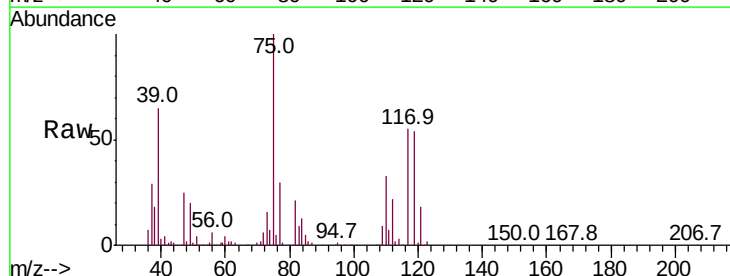
Tgt Ion: 75 Resp: 267104

Ion Ratio Lower Upper

75 100

110 33.7 16.6 49.8

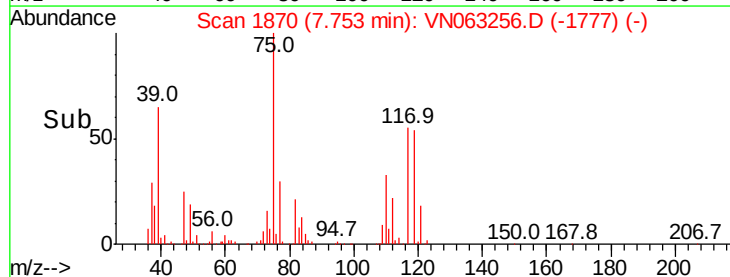
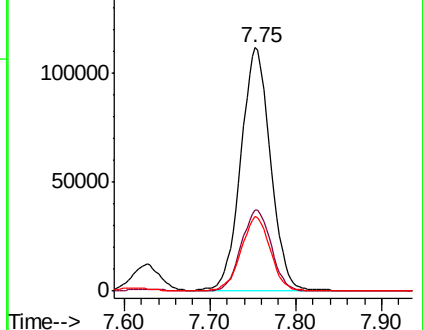
77 30.6 25.4 38.2

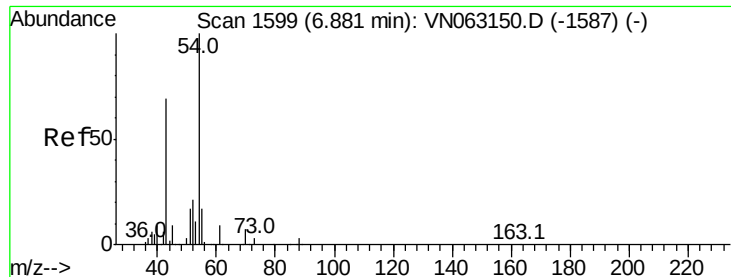


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

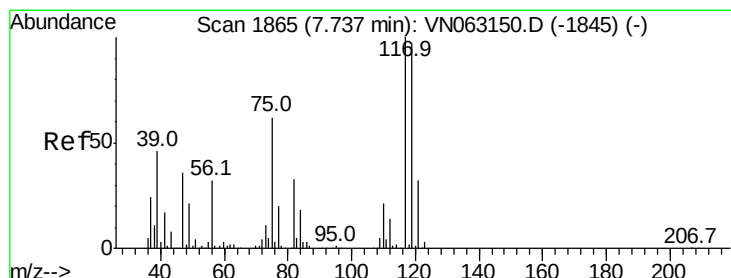
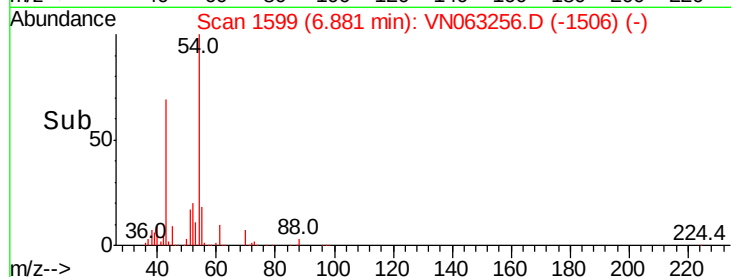
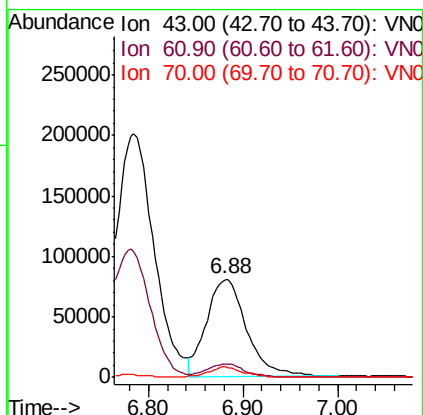
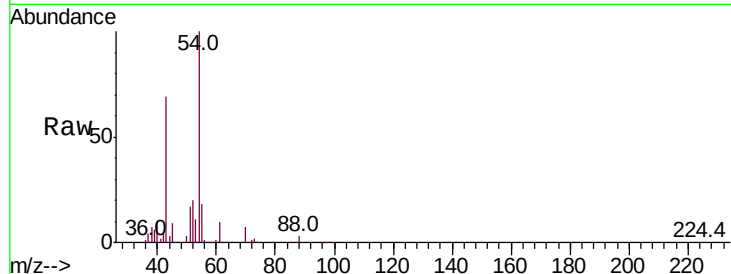




#37
Ethyl Acetate
Concen: 45.297 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

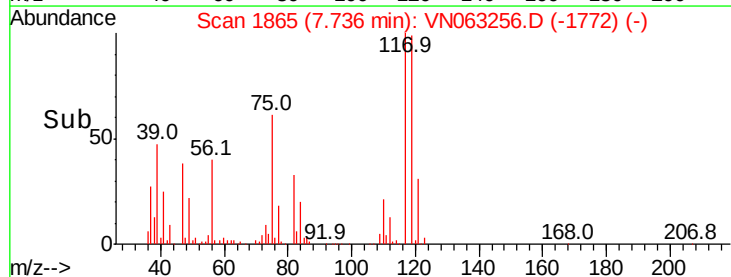
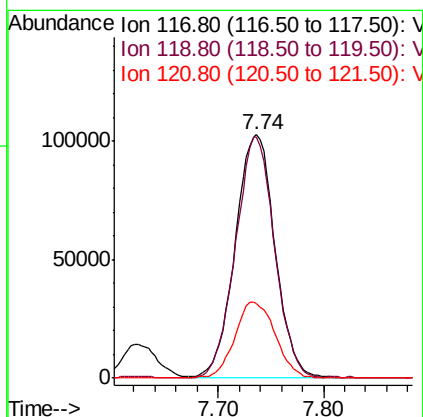
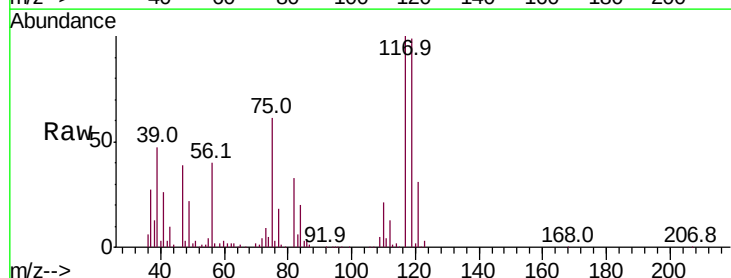
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

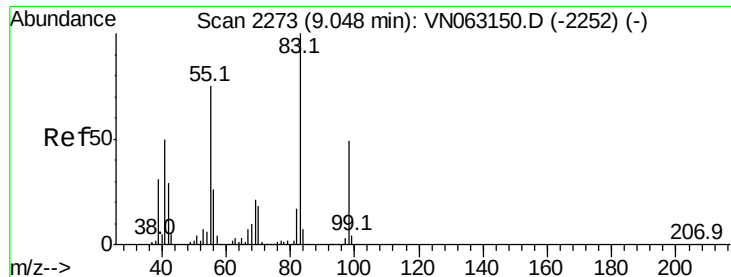
Tot Ion: 43 Resp: 236289
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.4
70 8.8 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 47.880 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 117 Resp: 268457
Ion Ratio Lower Upper
117 100
119 98.9 77.2 115.8
121 30.7 25.6 38.4

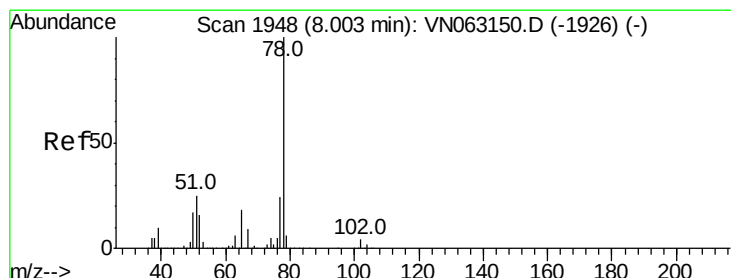
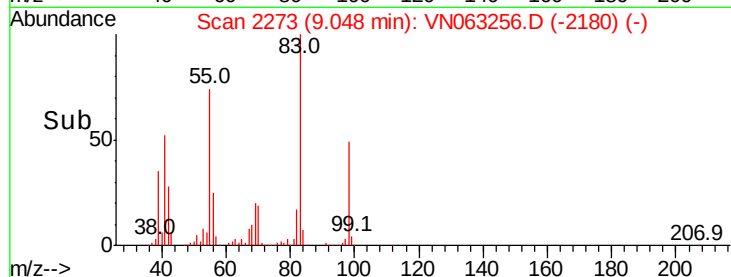
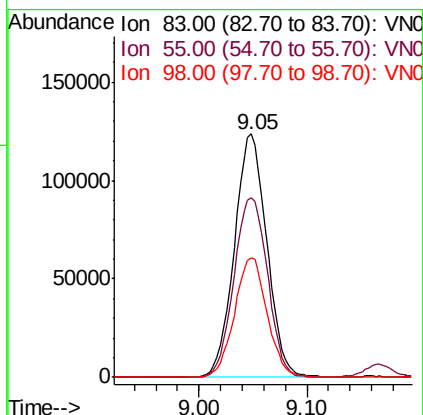
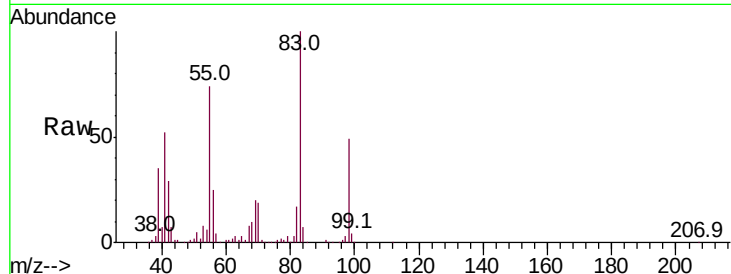




#39
Methylvlcyclohexane
Concen: 41.799 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

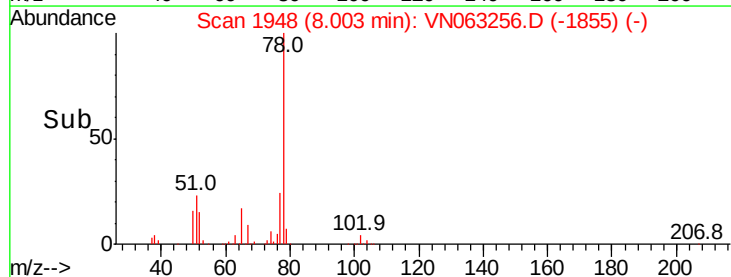
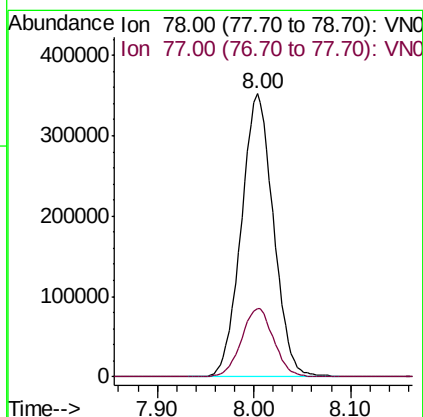
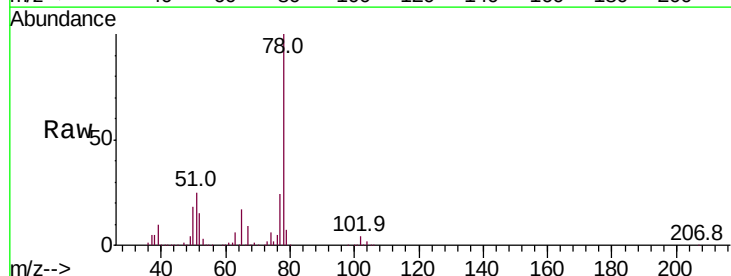
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

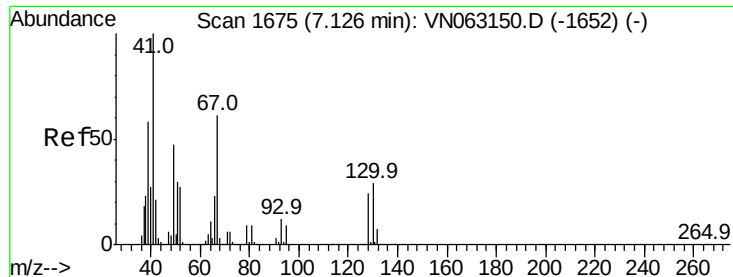
Tot Ion	83	Resp	259616
Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.3	90.5
98	49.2	38.9	58.3



#40
Benzene
Concen: 50.010 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	78	Resp	812502
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#41

Methacrylonitrile

Concen: 42.606 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 41 Resp: 99235

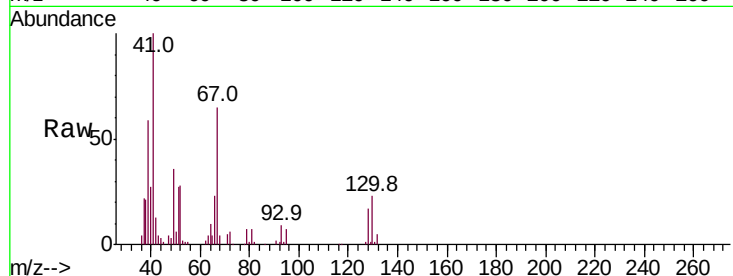
Ion Ratio Lower Upper

41 100

39 64.9 46.6 70.0

67 100.3 62.6 94.0#

52 44.4 28.0 42.0#

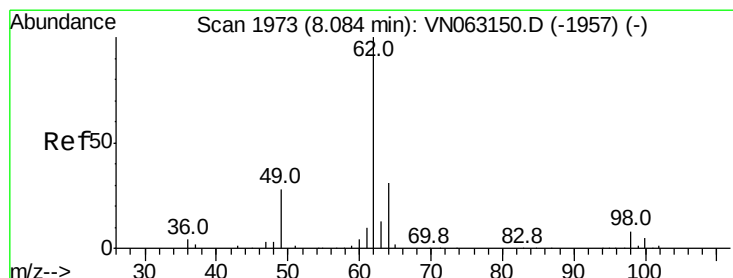
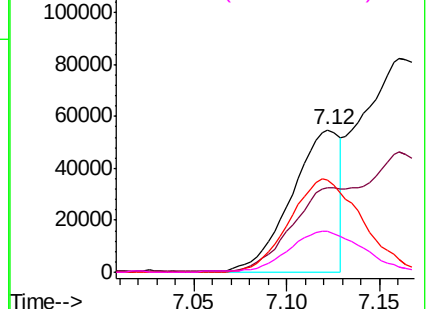
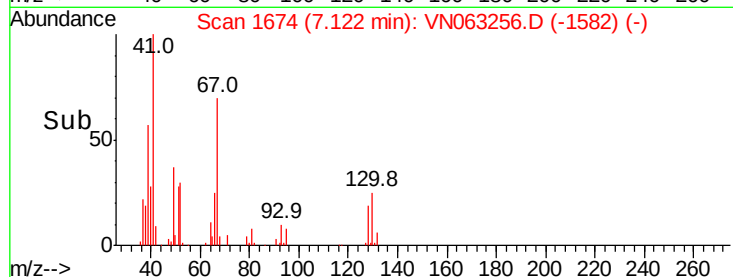


Abundance Ion 41.00 (40.70 to 41.70): VNO

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: 51.067 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063256.D

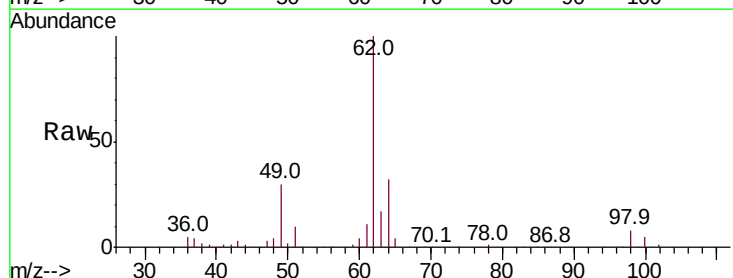
Acq: 4 Sep 2020 18:36

Tgt Ion: 62 Resp: 309920

Ion Ratio Lower Upper

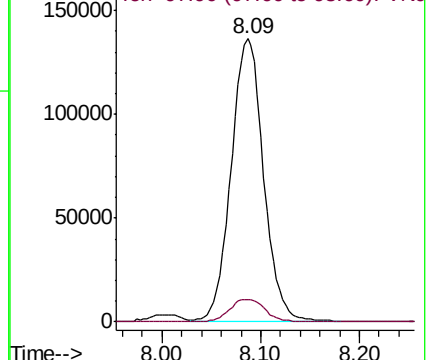
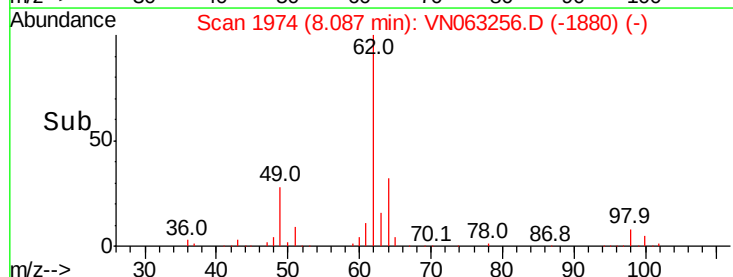
62 100

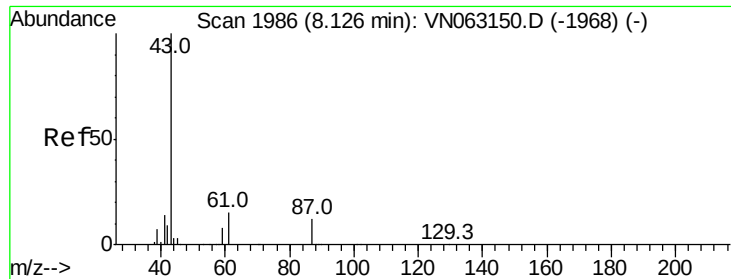
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 47.869 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

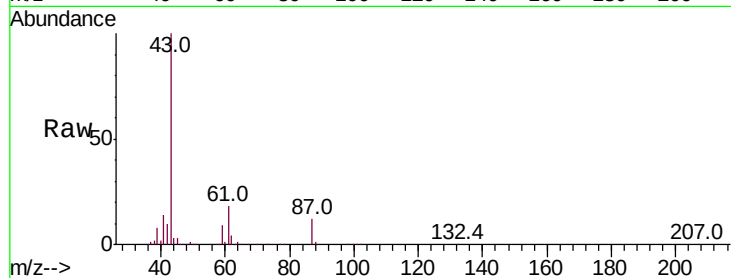
Tot Ion: 43 Resp: 431616

Ion Ratio Lower Upper

43 100

61 17.3 20.2 30.4#

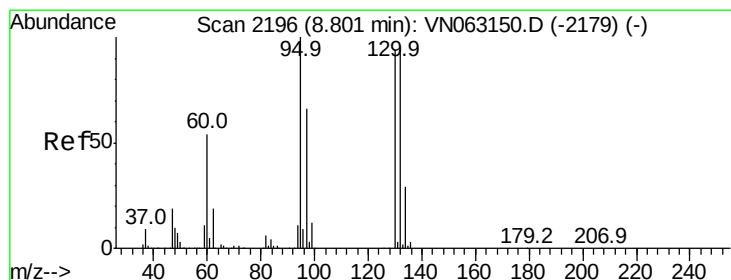
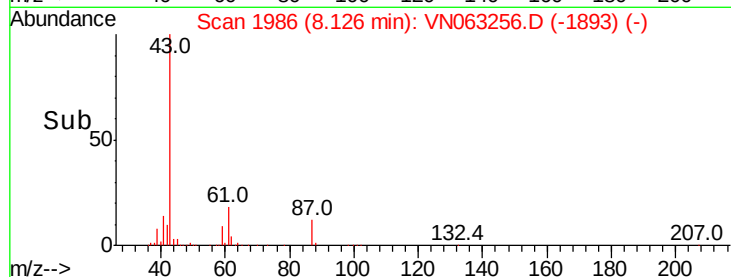
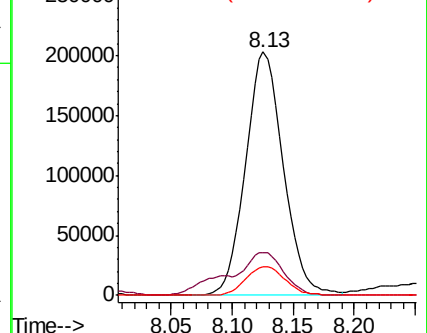
87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 52.760 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063256.D

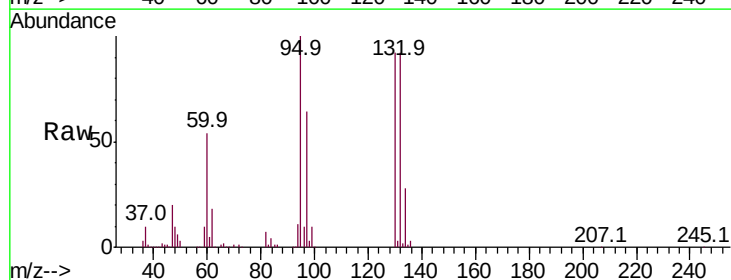
Acq: 4 Sep 2020 18:36

Tgt Ion:130 Resp: 207918

Ion Ratio Lower Upper

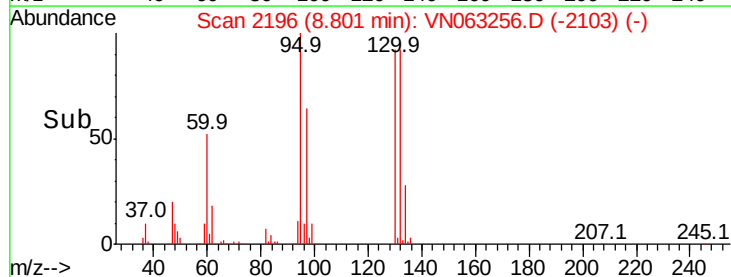
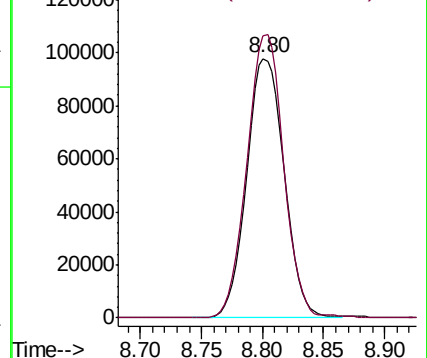
130 100

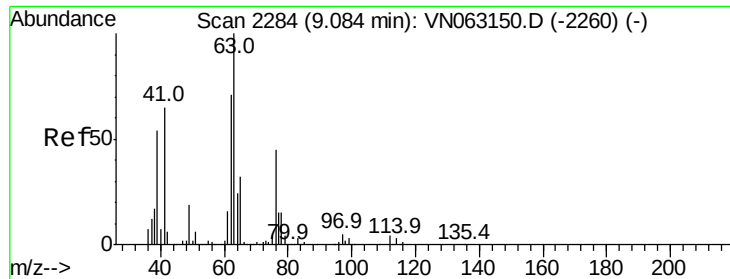
95 108.8 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)

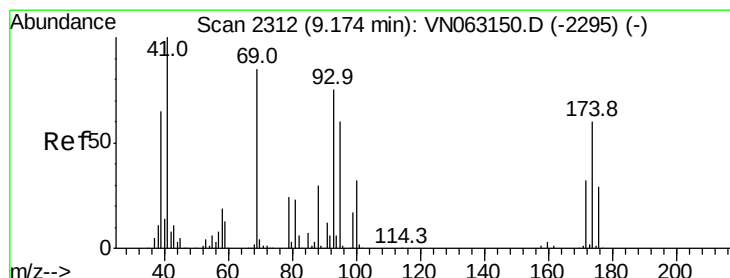
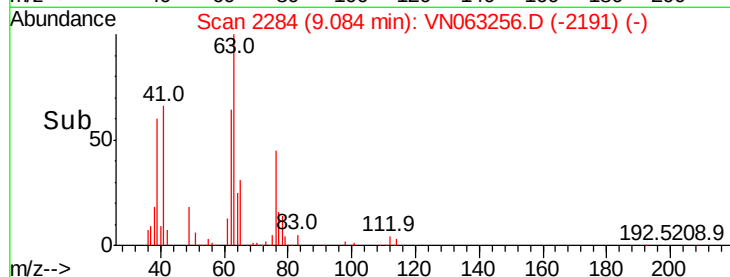
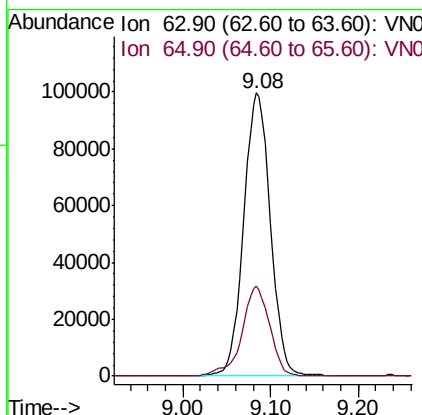
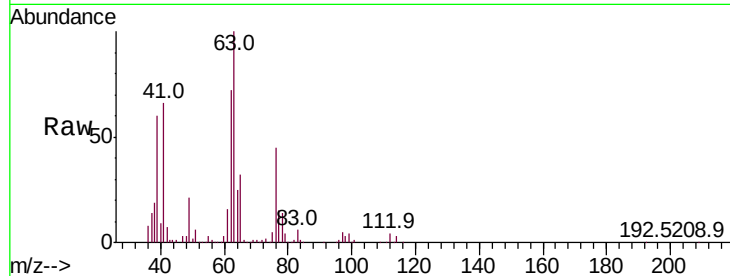




#45
 1,2-Dichloropropane
 Concen: 49.175 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

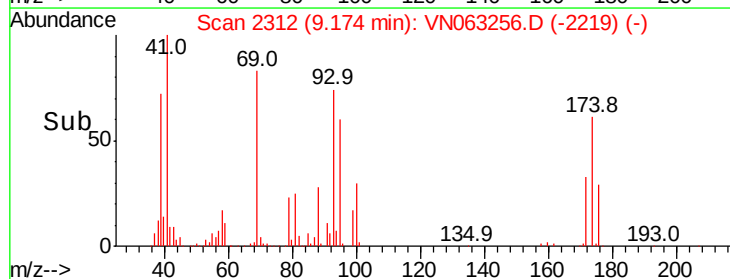
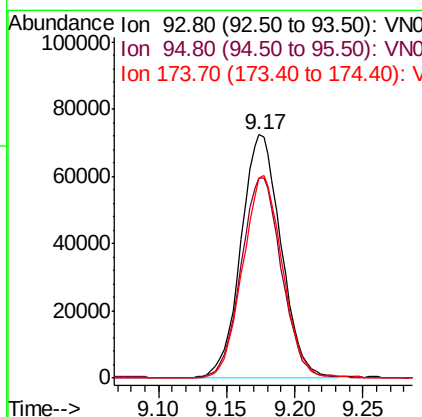
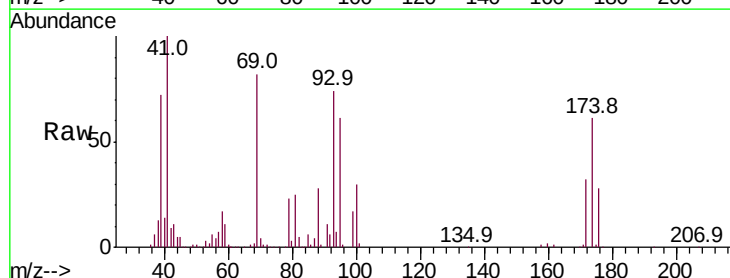
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

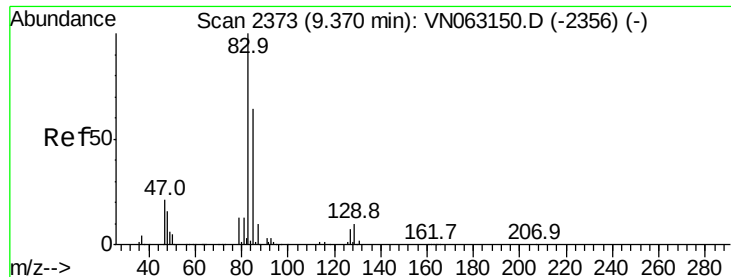
Tot Ion: 63 Resp: 211531
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0



#46
 Dibromomethane
 Concen: 51.822 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 93 Resp: 147726
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.2 97.8
 174 82.2 64.6 97.0





#47

Bromodichloromethane

Concen: 50.308 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

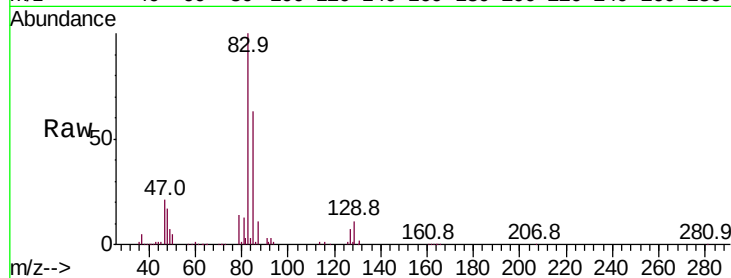
Tot Ion: 83 Resp: 307399

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

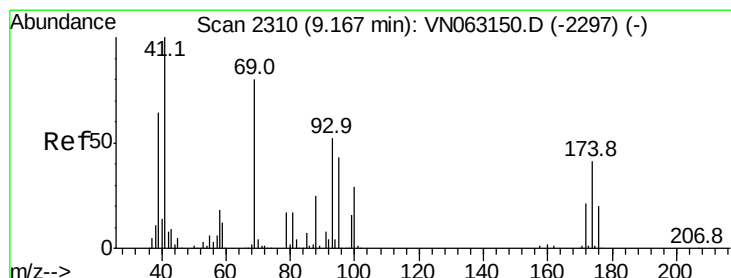
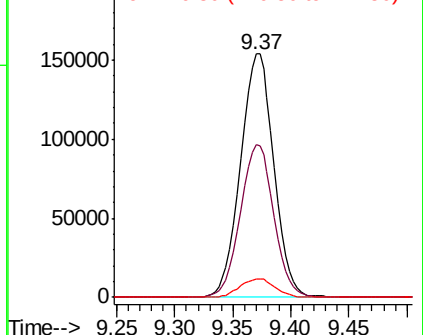
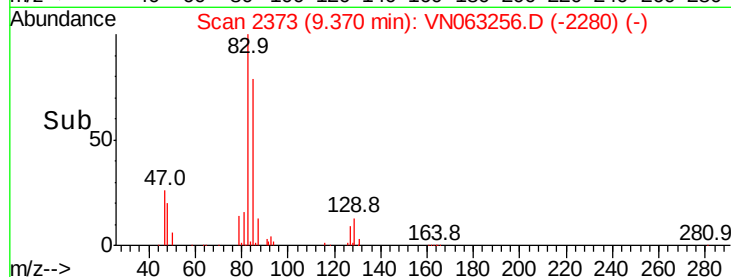
127 7.4 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063256.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063256.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063256.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.707 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

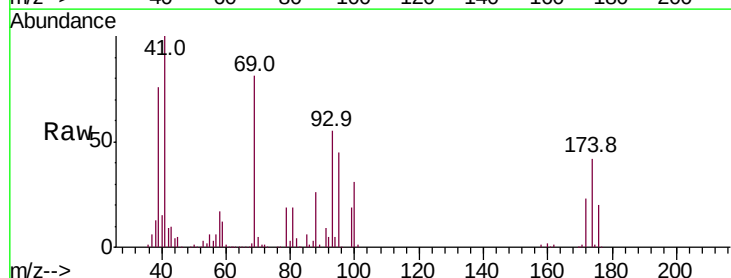
Tgt Ion: 41 Resp: 210171

Ion Ratio Lower Upper

41 100

69 81.0 65.9 98.9

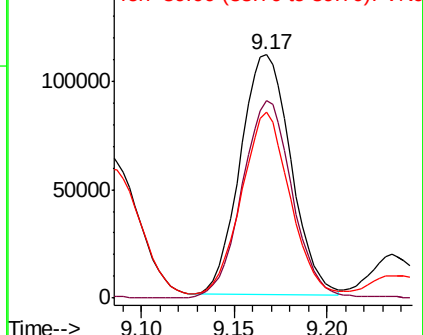
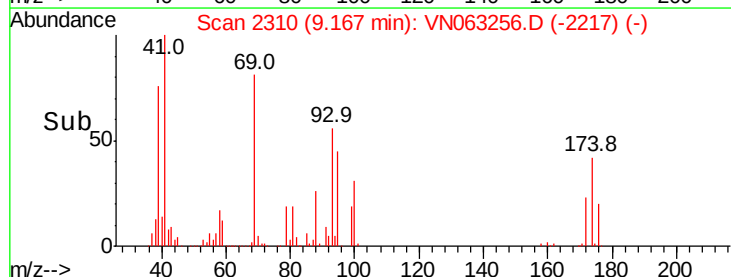
39 75.5 52.0 78.0

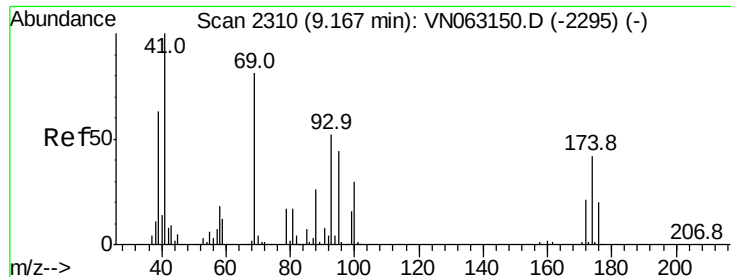


Abundance Ion 41.00 (40.70 to 41.70): VN063256.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063256.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063256.D (-2217) (-)





#49

1,4-Dioxane

Concen: 955.997 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

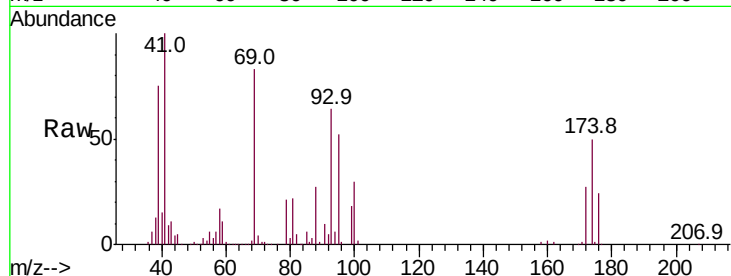
Tot Ion: 88 Resp: 60102

Ion Ratio Lower Upper

88 100

43 36.7 28.6 42.8

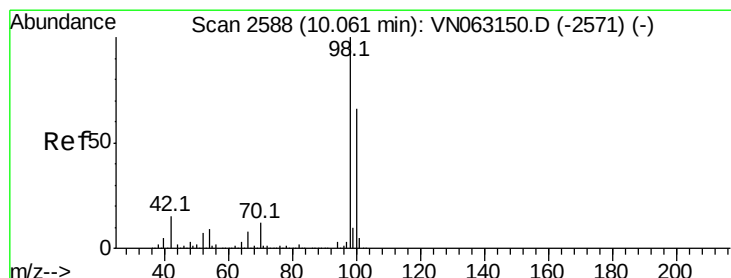
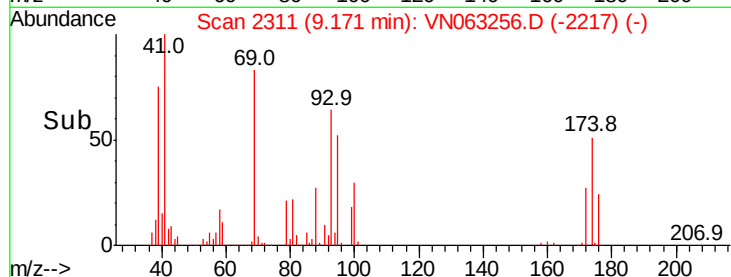
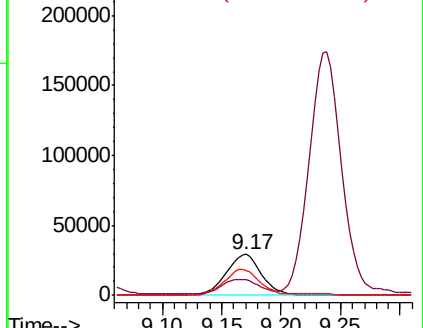
58 63.4 53.2 79.8



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: 48.637 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063256.D

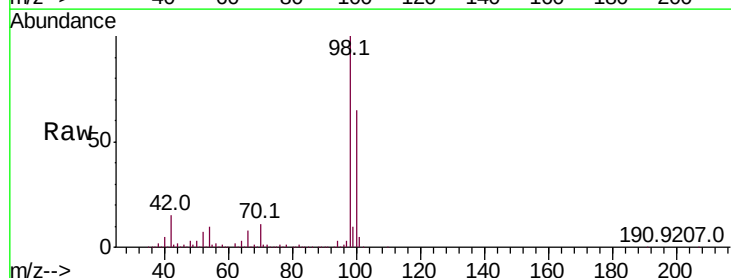
Acq: 4 Sep 2020 18:36

Tgt Ion: 98 Resp: 690705

Ion Ratio Lower Upper

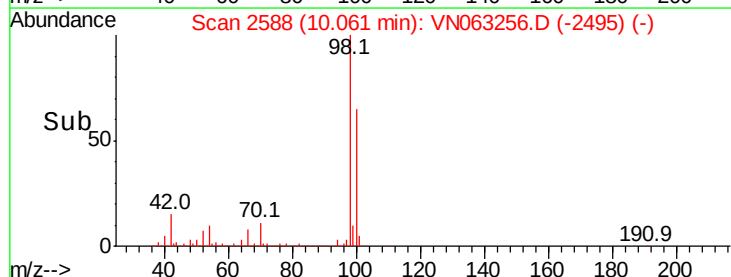
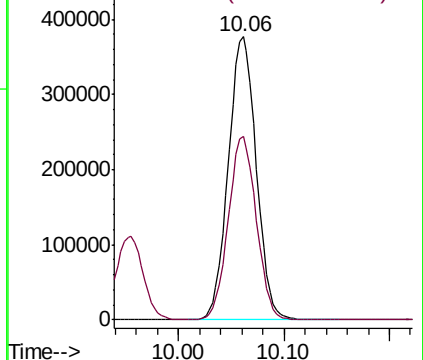
98 100

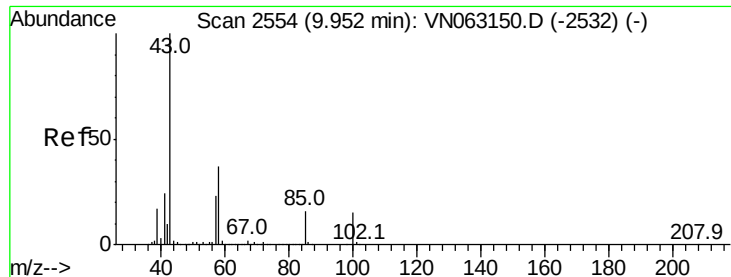
100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

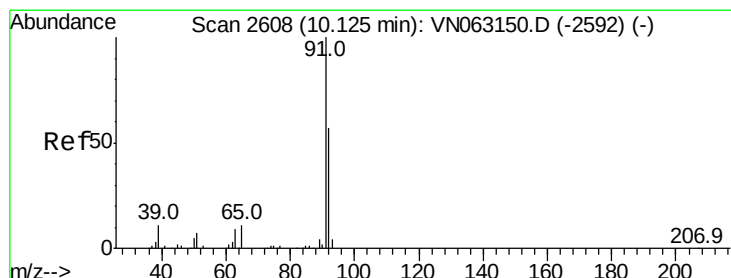
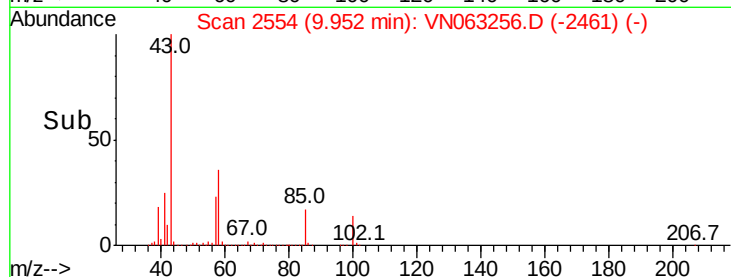
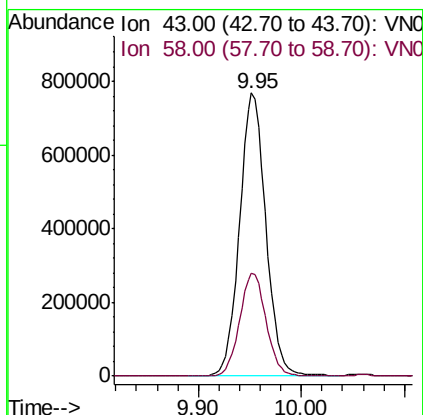
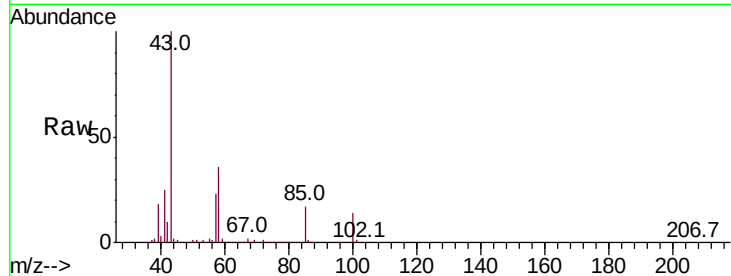




#51
 4-Methyl-2-Pentanone
 Concen: 276.290 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

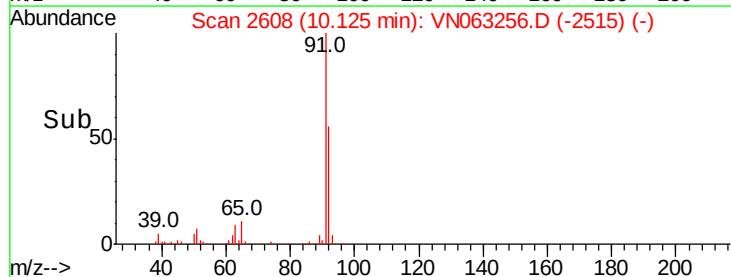
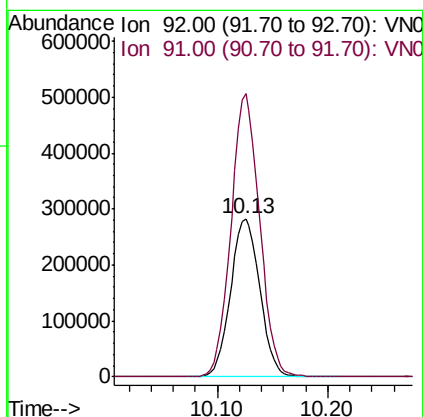
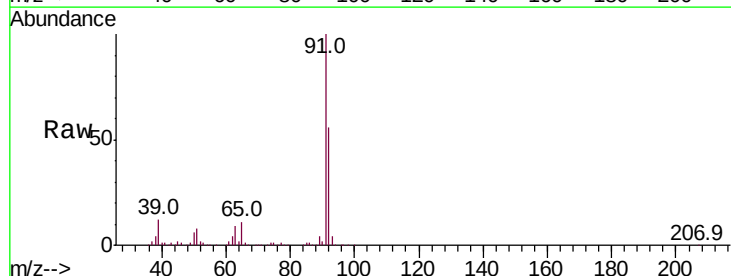
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

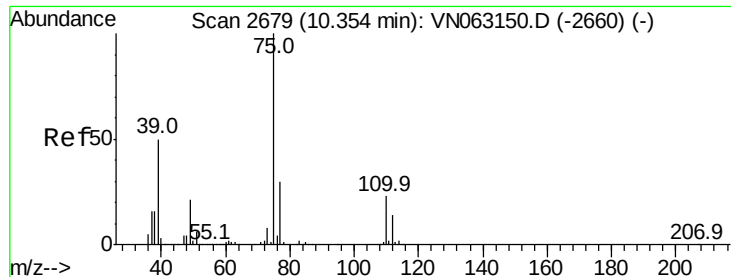
Tot Ion: 43 Resp: 1353725
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.2 43.8



#52
 Toluene
 Concen: 51.401 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 92 Resp: 520215
 Ion Ratio Lower Upper
 92 100
 91 174.6 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 48.430 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

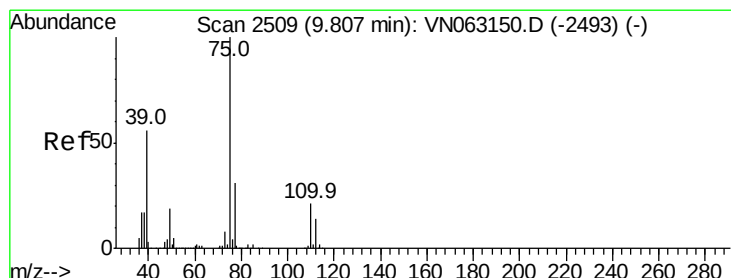
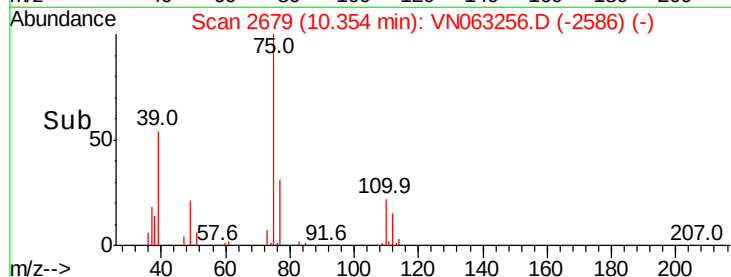
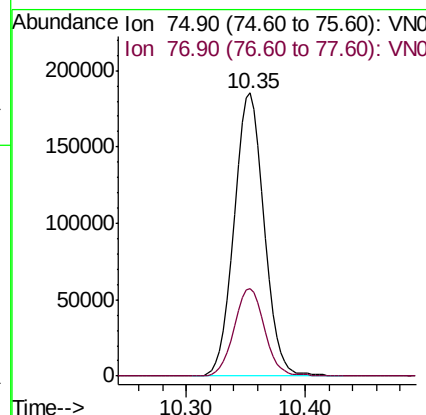
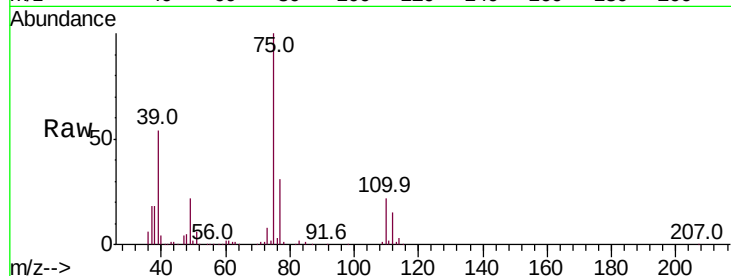
SA-MW131I-20200901MS

Tot Ion: 75 Resp: 323693

Ion Ratio Lower Upper

75 100

77 30.9 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 47.557 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

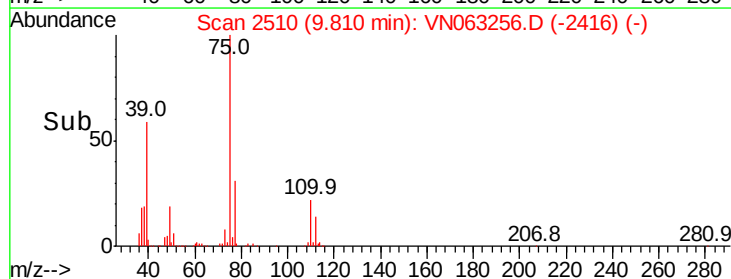
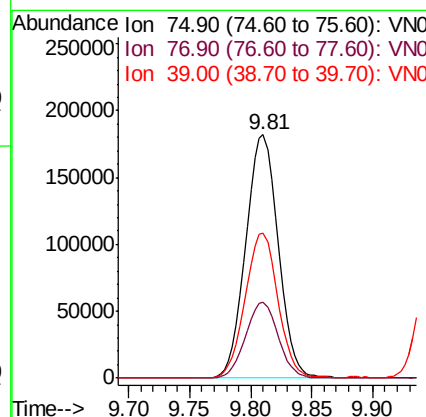
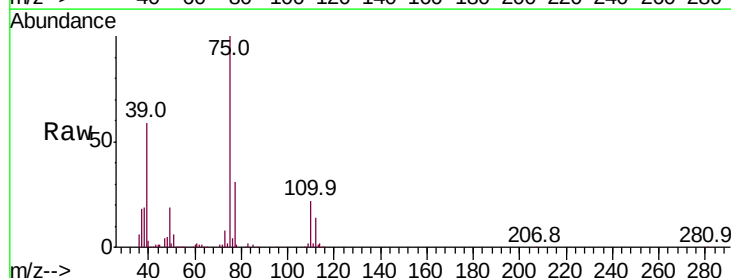
Tgt Ion: 75 Resp: 333656

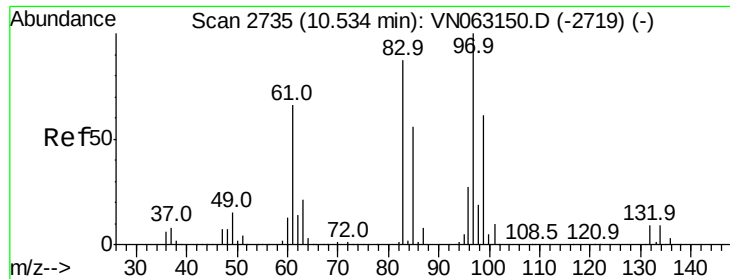
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 59.3 45.0 67.6

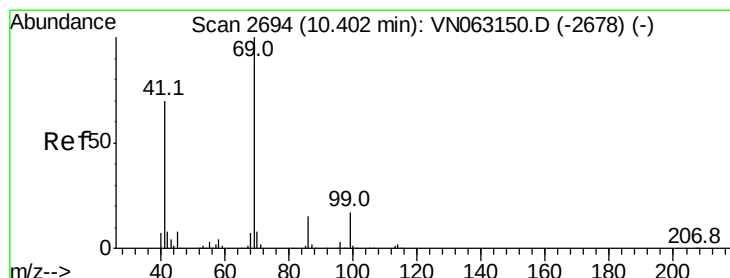
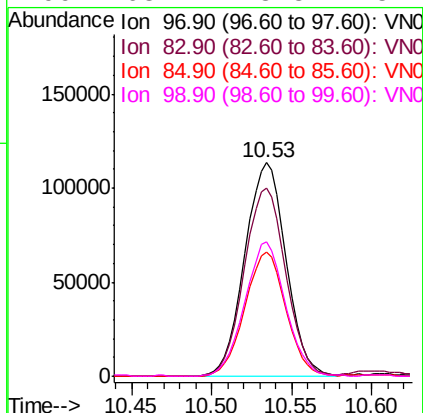
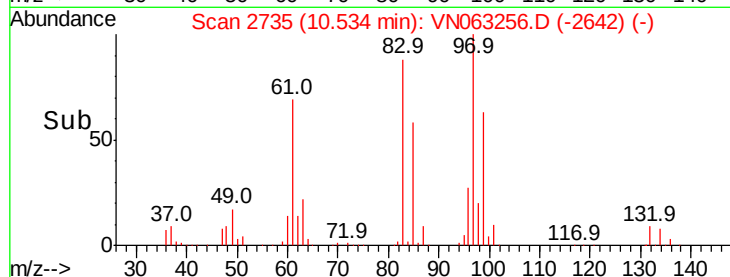
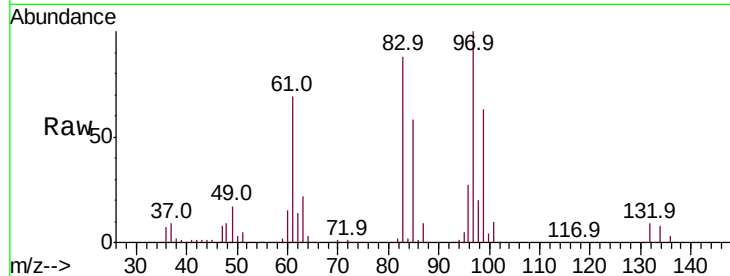




#55
 1,1,2-Trichloroethane
 Concen: 51.740 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

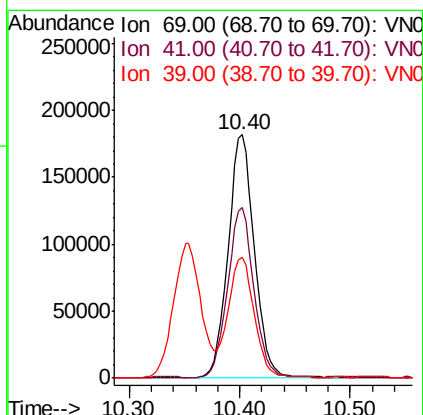
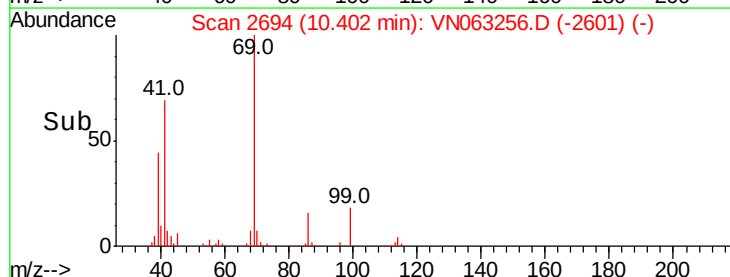
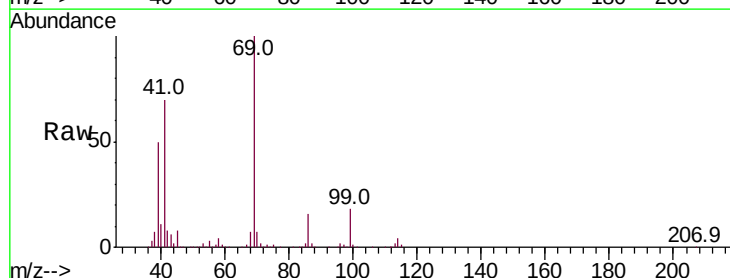
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

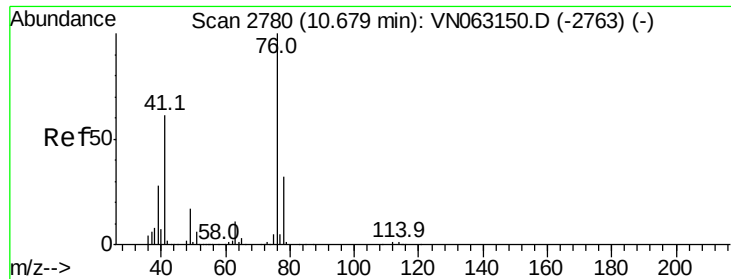
Tot Ion:	97	Resp:	200543
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.8	104.8
85	58.3	44.9	67.3
99	63.1	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 50.993 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion:	69	Resp:	300788
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.5	83.3
39	49.7	38.2	57.2





#57

1,3-Dichloropropane

Concen: 50.669 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

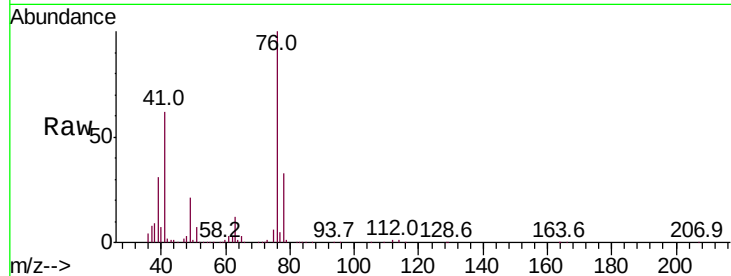
SA-MW131I-20200901MS

Tot Ion: 76 Resp: 349866

Ion Ratio Lower Upper

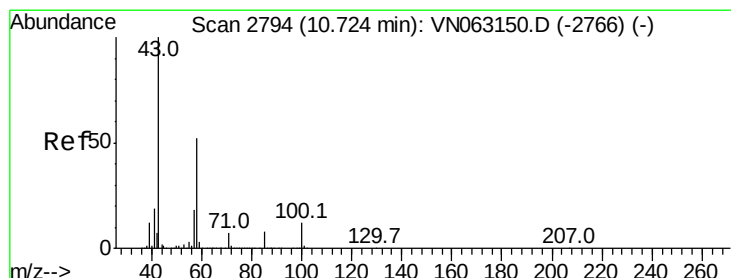
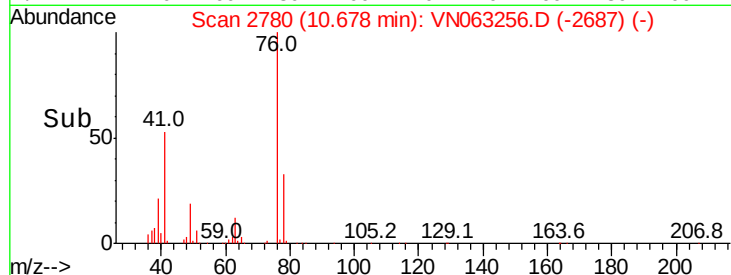
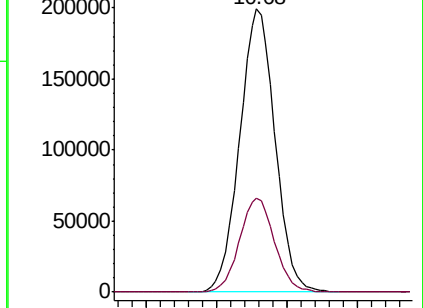
76 100

78 33.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 286.894 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063256.D

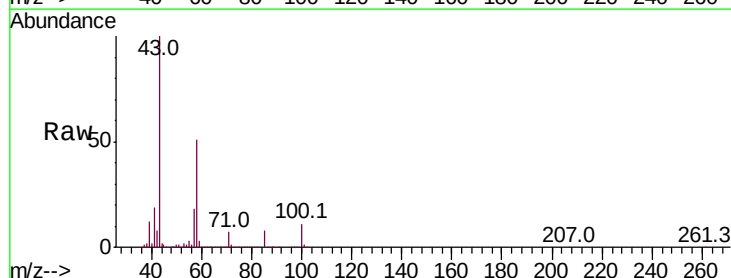
Acq: 4 Sep 2020 18:36

Tgt Ion: 43 Resp: 987892

Ion Ratio Lower Upper

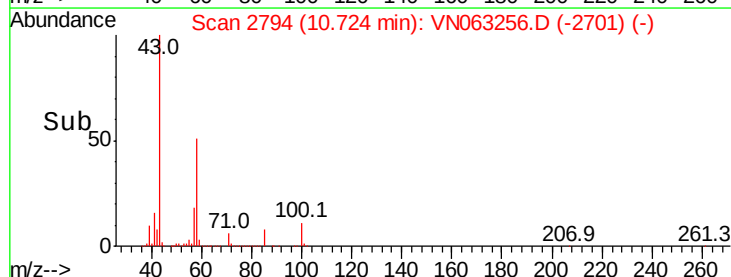
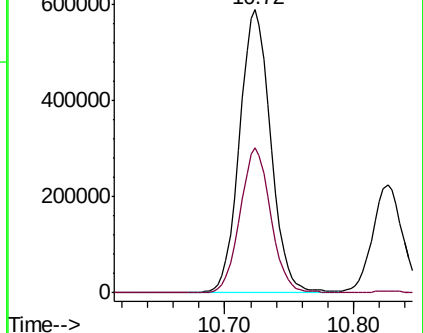
43 100

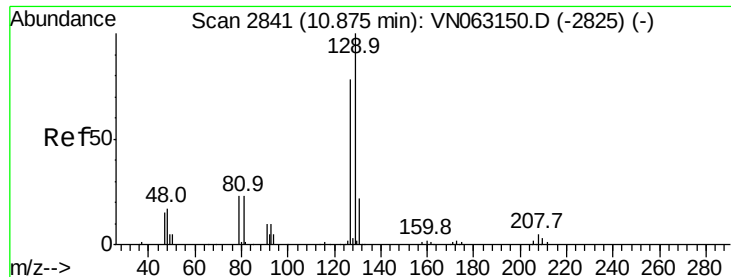
58 50.7 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 51.695 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

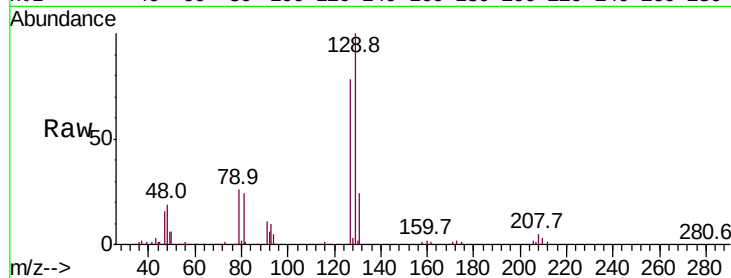
SA-MW131I-20200901MS

Tot Ion:129 Resp: 221521

Ion Ratio Lower Upper

129 100

127 78.3 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

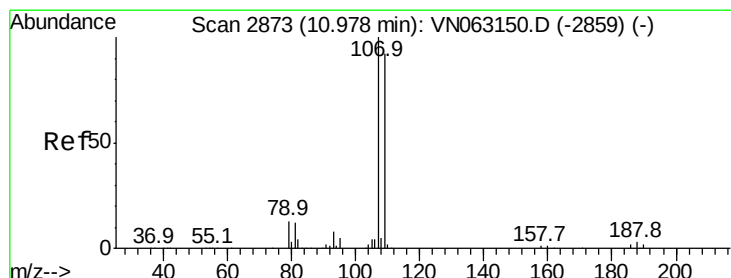
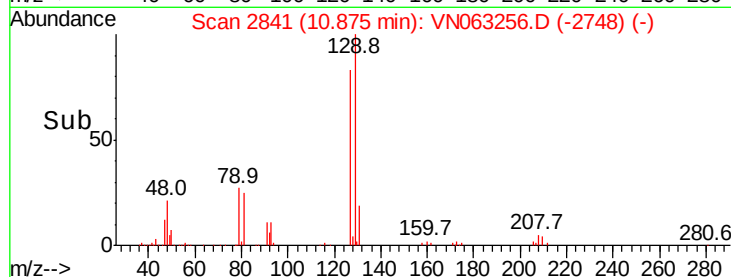
10.87

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.926 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063256.D

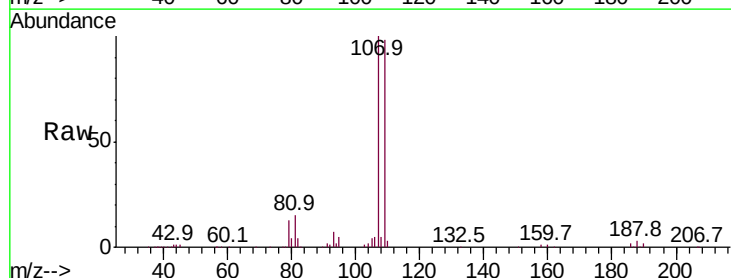
Acq: 4 Sep 2020 18:36

Tgt Ion:107 Resp: 213248

Ion Ratio Lower Upper

107 100

109 93.9 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

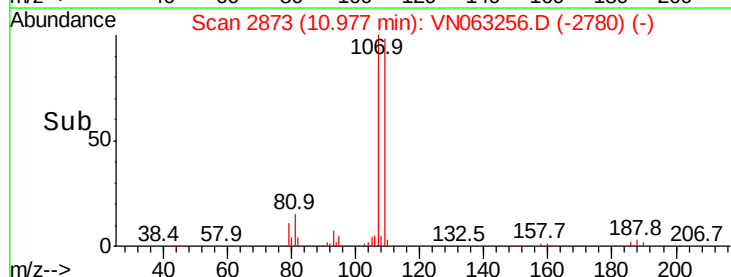
10.98

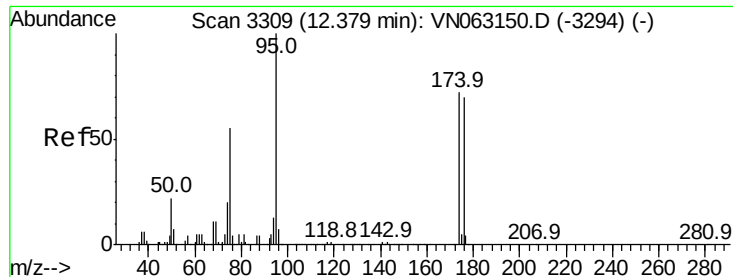
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.639 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

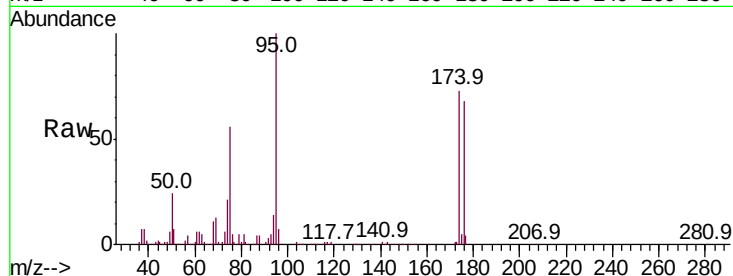
Tot Ion: 95 Resp: 246587

Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.8

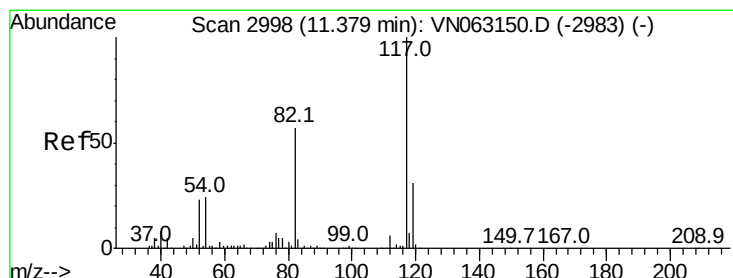
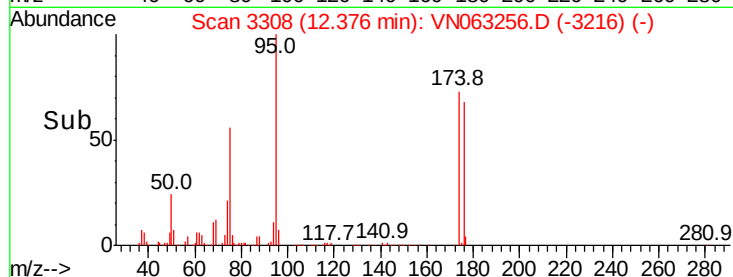
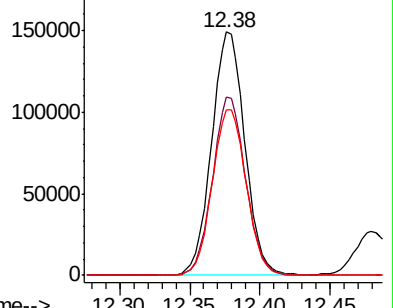
176 69.5 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

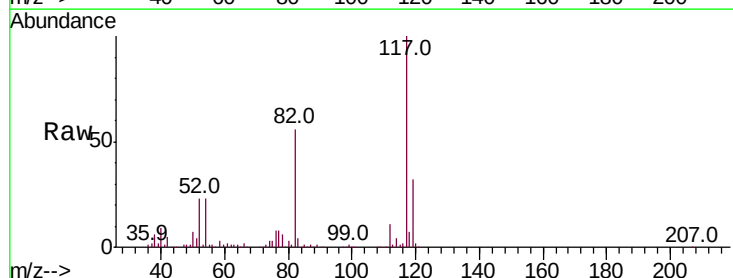
Tgt Ion: 117 Resp: 543663

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

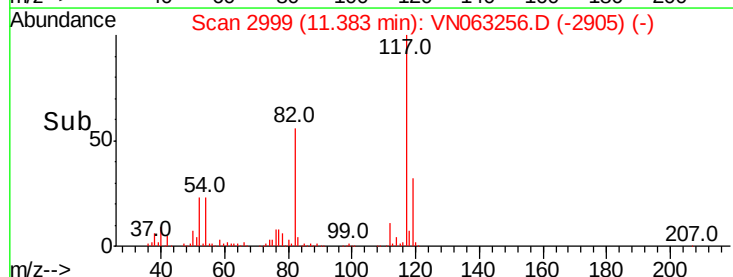
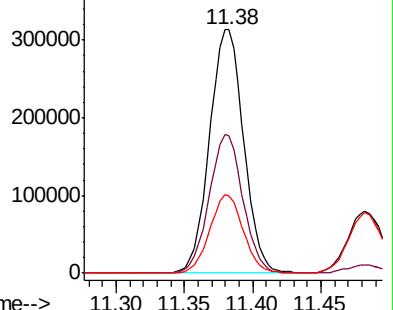
119 31.9 24.6 37.0

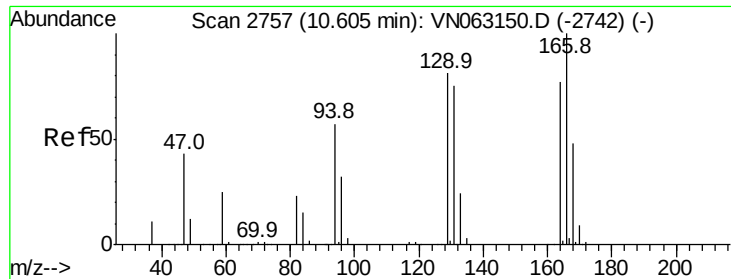


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#64

Tetrachloroethene

Concen: 53.405 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:164 Resp: 208494

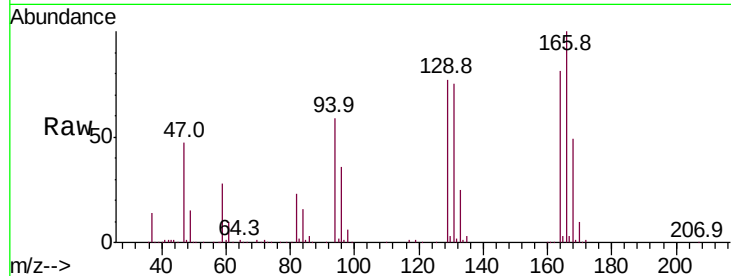
Ion Ratio Lower Upper

164 100

166 123.6 103.4 155.2

129 94.9 83.4 125.0

131 93.2 77.8 116.8

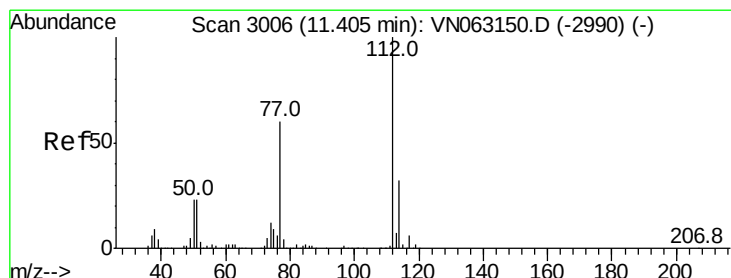
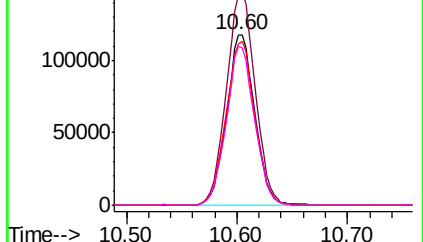
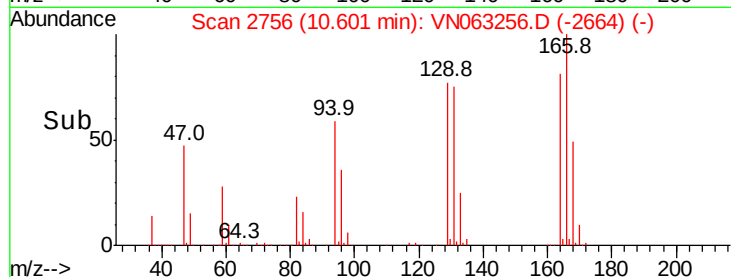


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.779 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063256.D

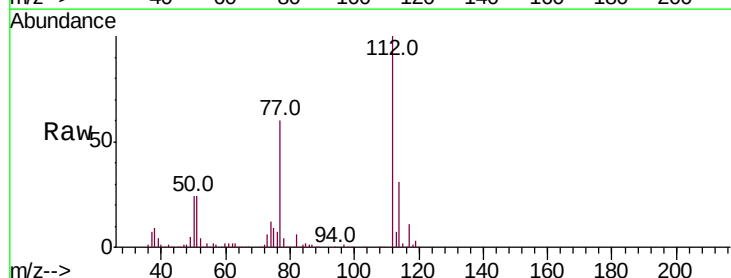
Acq: 4 Sep 2020 18:36

Tgt Ion:112 Resp: 545083

Ion Ratio Lower Upper

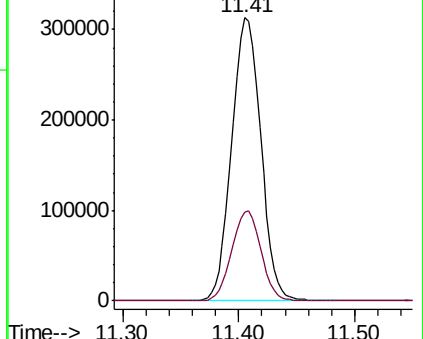
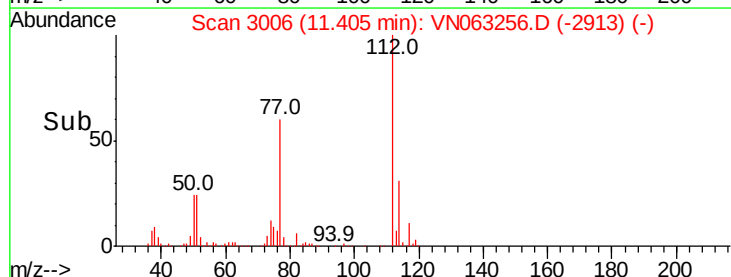
112 100

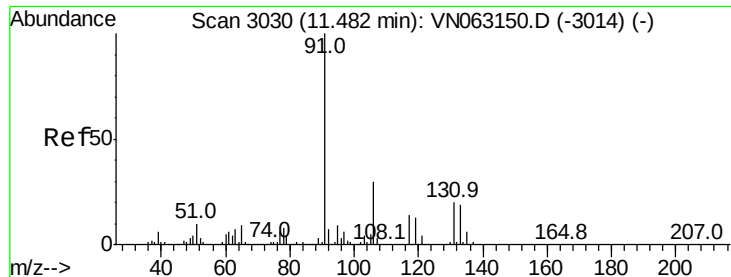
114 31.5 25.2 37.8



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: 50.122 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

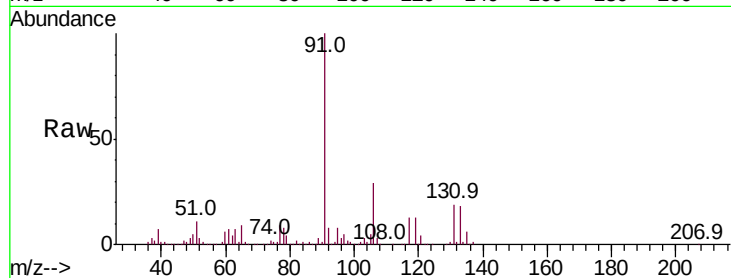
Tot Ion:131 Resp: 203771

Ion Ratio Lower Upper

131 100

133 95.7 47.3 142.0

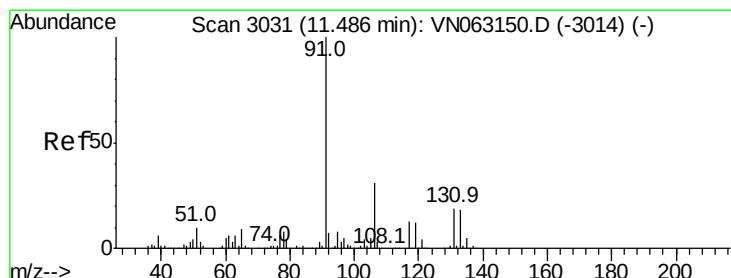
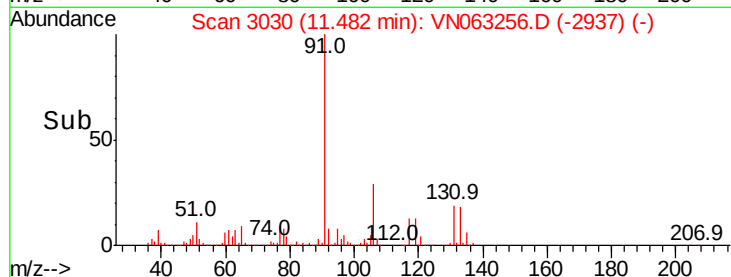
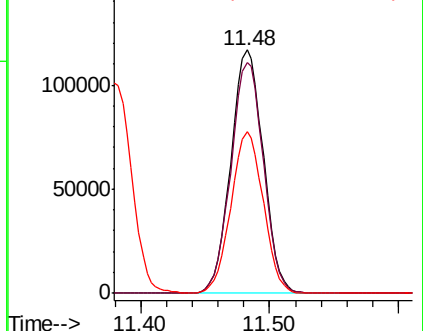
119 66.3 32.4 97.0



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: 51.503 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063256.D

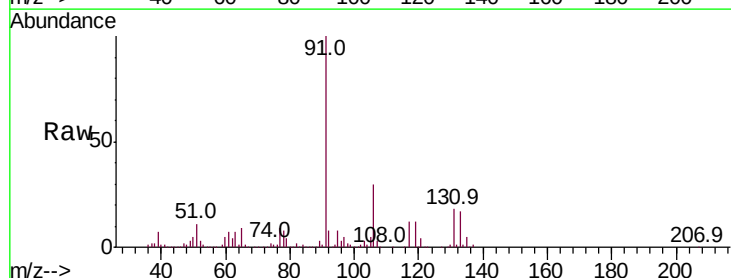
Acq: 4 Sep 2020 18:36

Tgt Ion: 91 Resp: 1028832

Ion Ratio Lower Upper

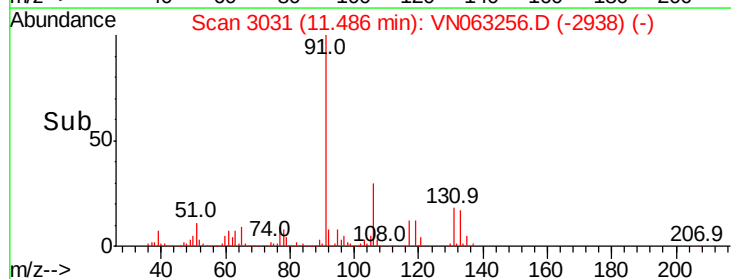
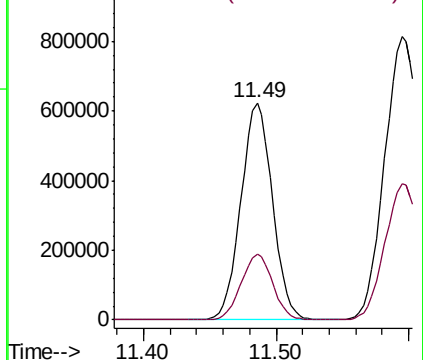
91 100

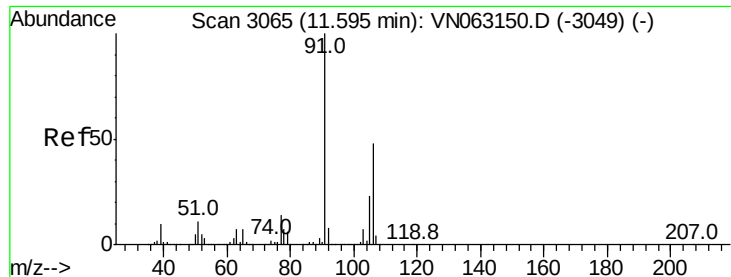
106 30.3 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 101.436 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

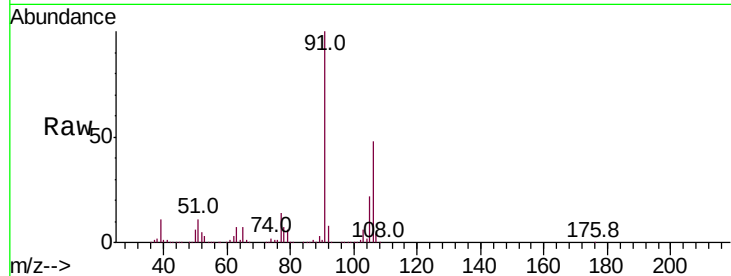
SA-MW131I-20200901MS

Tot Ion:106 Resp: 750471

Ion Ratio Lower Upper

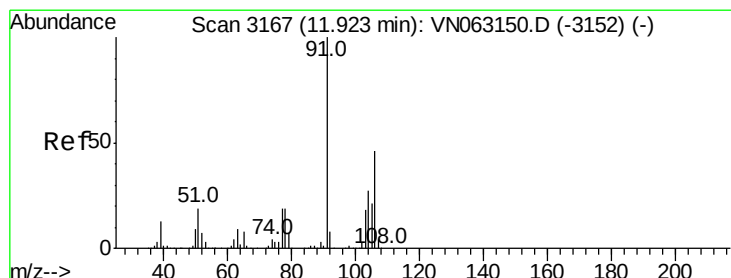
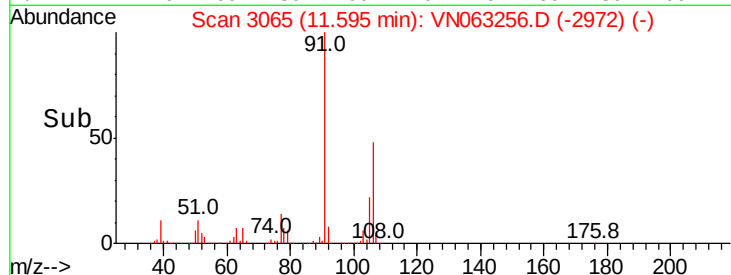
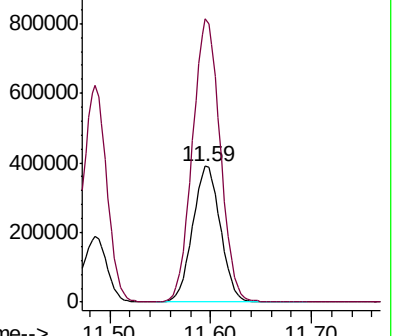
106 100

91 208.6 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 51.053 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN063256.D

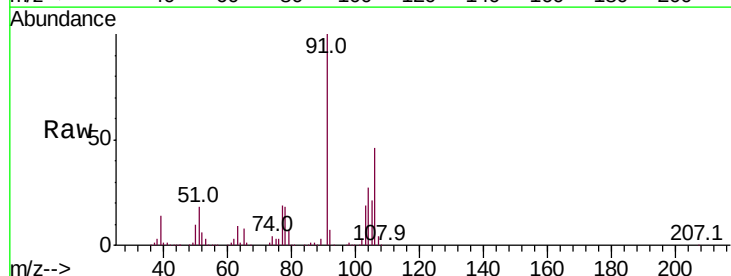
Acq: 4 Sep 2020 18:36

Tgt Ion:106 Resp: 364890

Ion Ratio Lower Upper

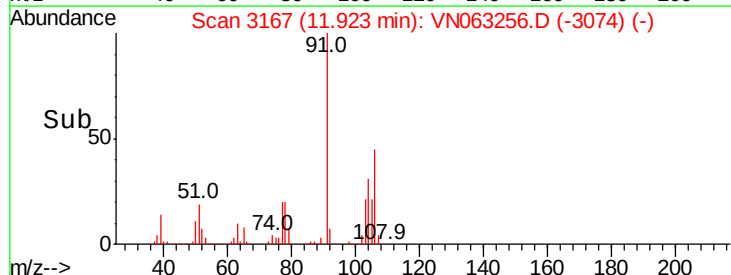
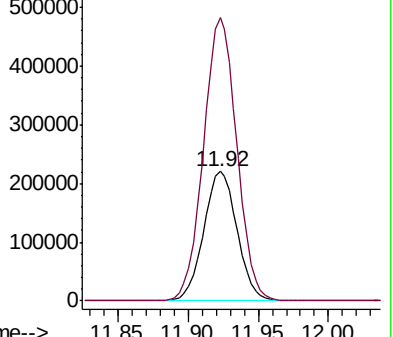
106 100

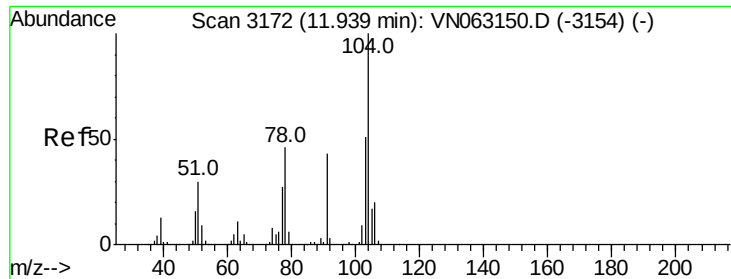
91 218.5 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

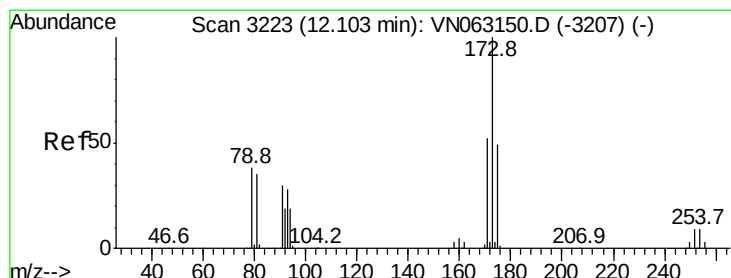
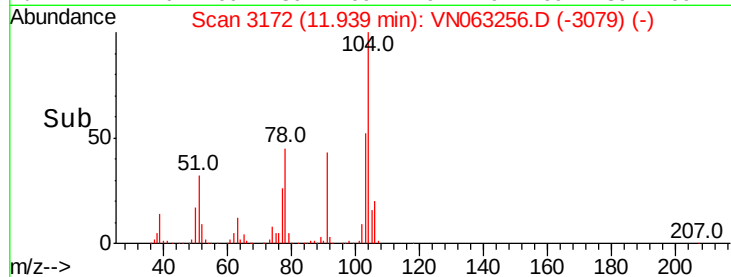
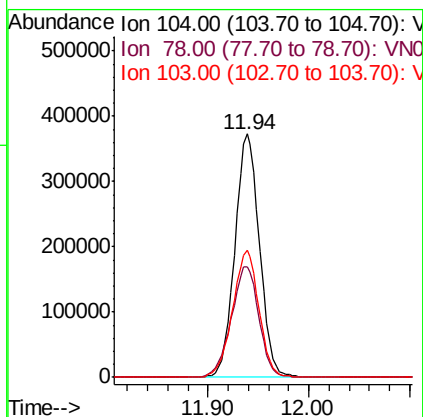
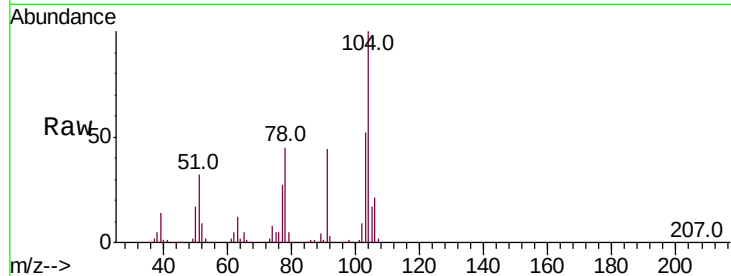




#70
Stvrene
Concen: 51.428 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

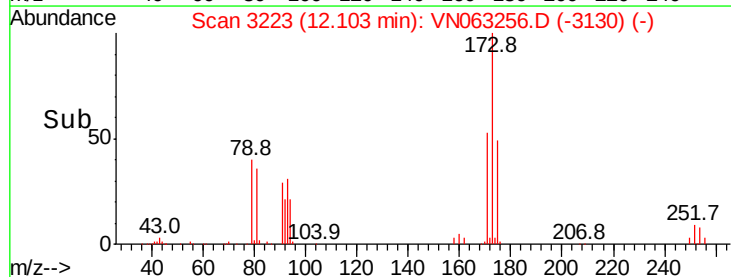
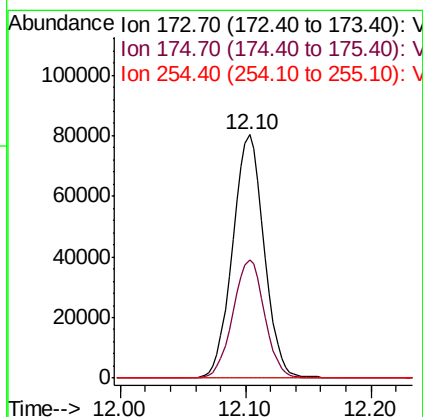
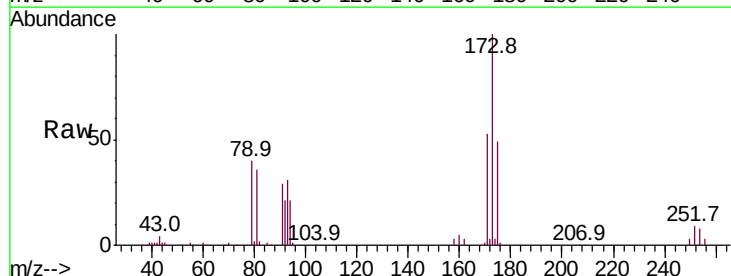
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

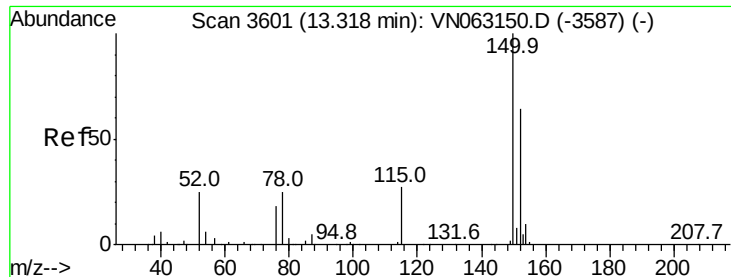
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.0	61.6
103	55.8	43.8	65.8



#71
Bromoform
Concen: 50.704 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.8
254	0.1	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

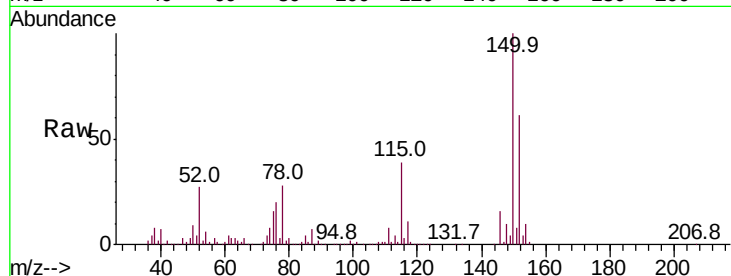
Tot Ion:152 Resp: 249419

Ion Ratio Lower Upper

152 100

115 63.0 32.0 96.2

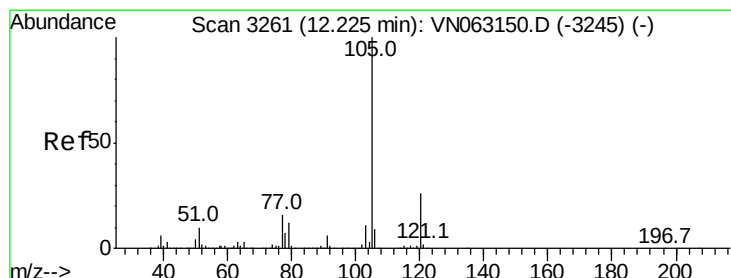
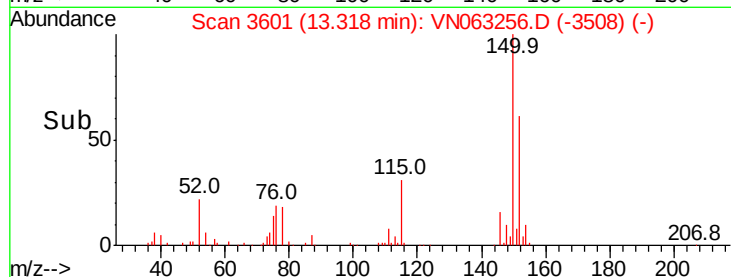
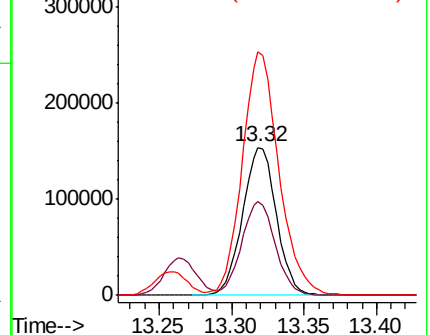
150 177.1 0.0 353.0



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: 50.651 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063256.D

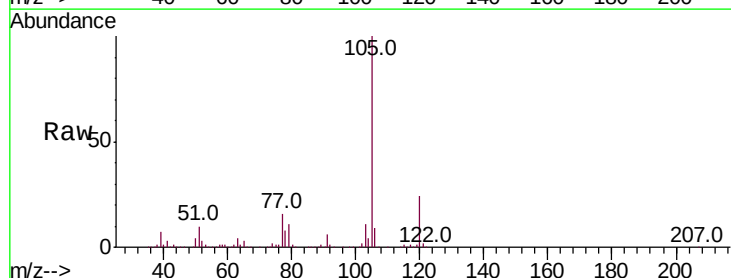
Acq: 4 Sep 2020 18:36

Tgt Ion:105 Resp: 968956

Ion Ratio Lower Upper

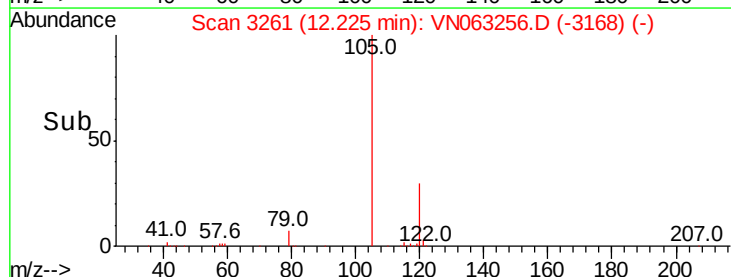
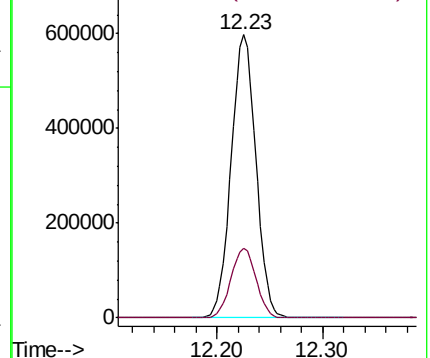
105 100

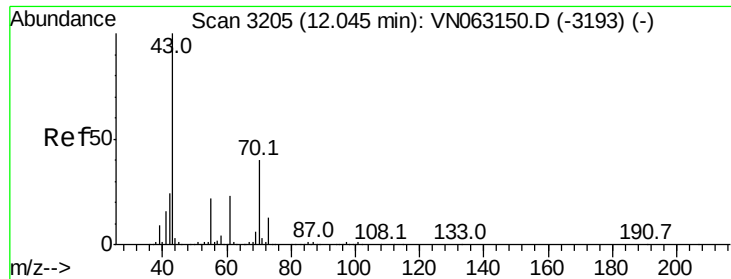
120 25.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 47.774 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 43 Resp: 378562

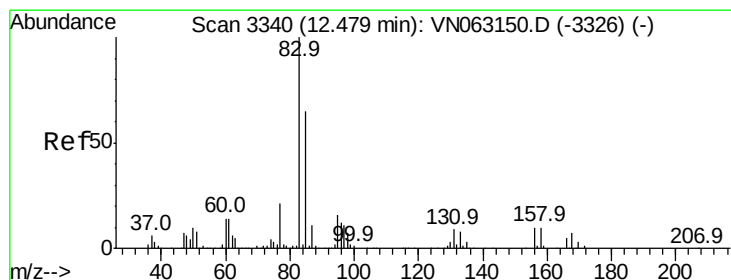
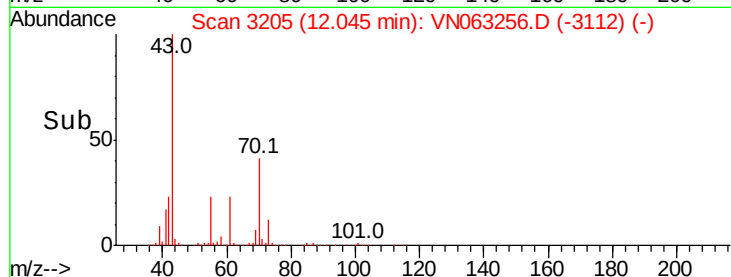
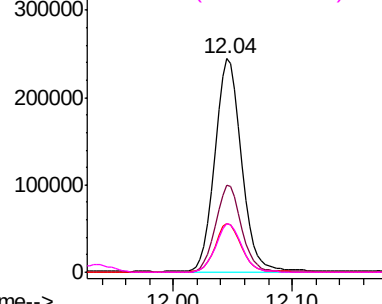
Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.1	48.1
55	22.9	17.4	26.0
61	22.4	18.6	27.8

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: 50.946 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

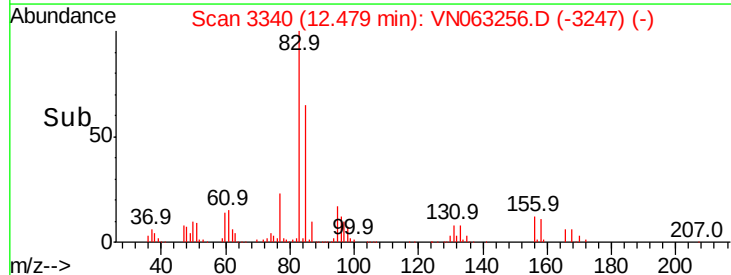
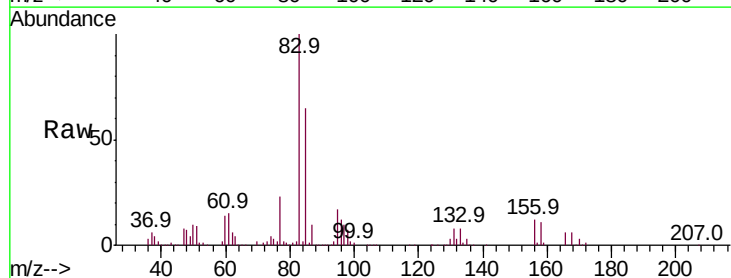
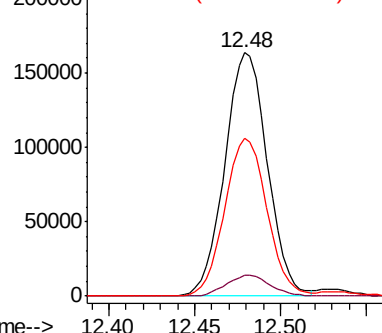
Tgt Ion: 83 Resp: 280984

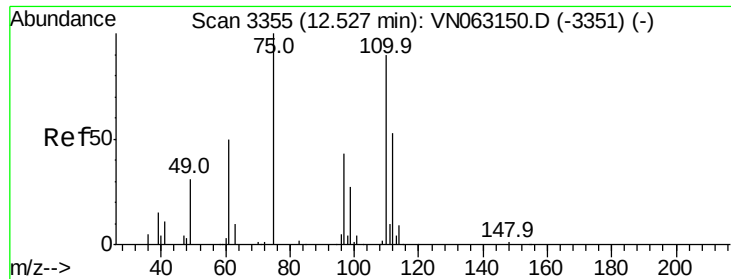
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.0
85	64.6	32.7	98.1

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: 78.058 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampled :

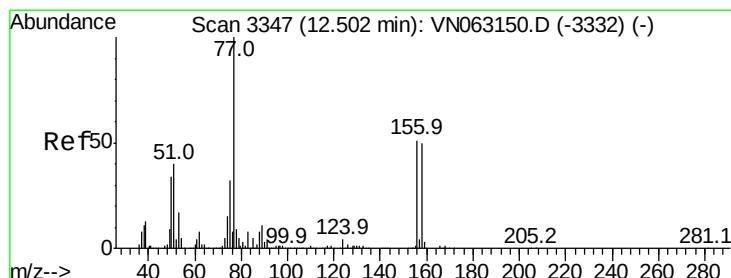
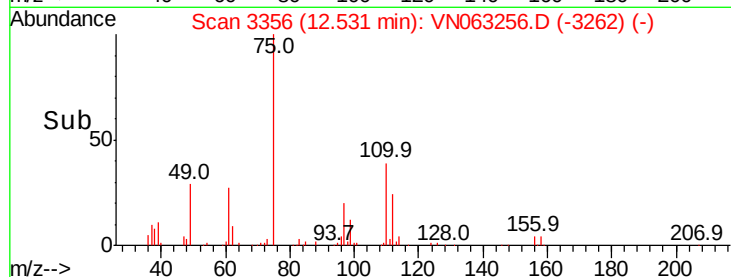
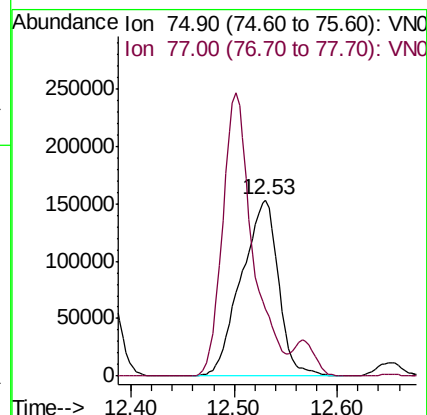
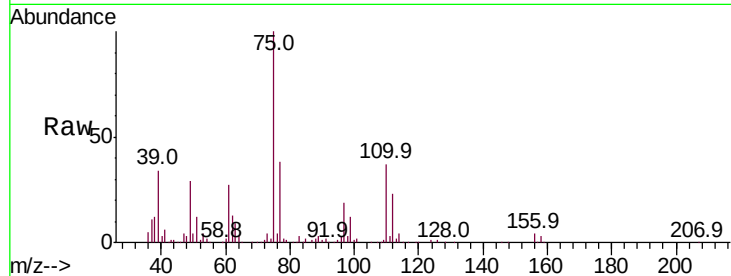
SA-MW131I-20200901MS

Tot Ion: 75 Resp: 382526

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 52.608 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

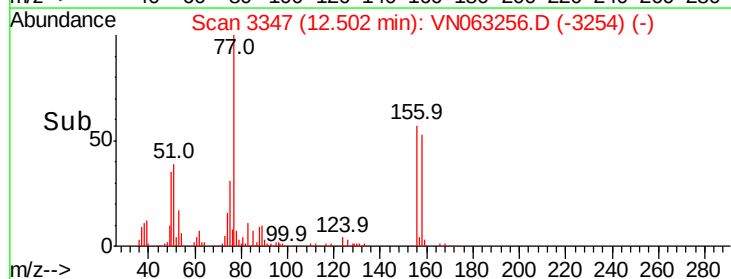
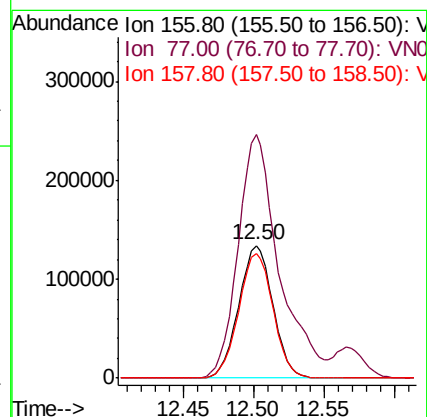
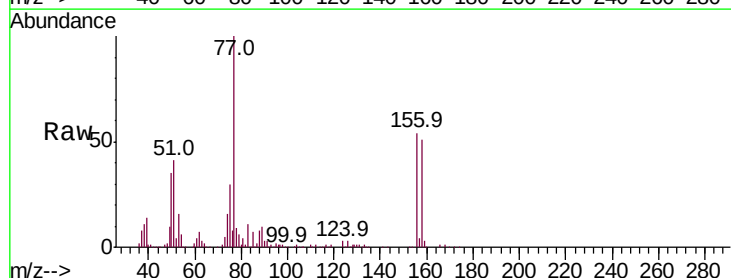
Tgt Ion: 156 Resp: 227608

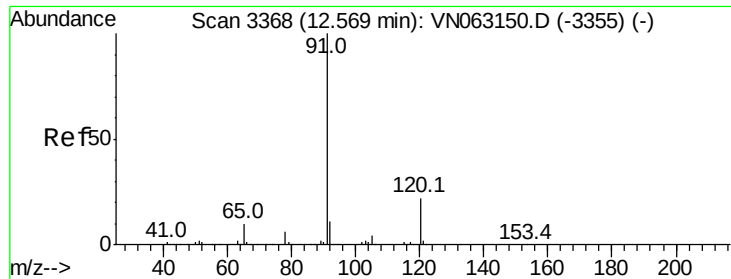
Ion Ratio Lower Upper

156 100

77 219.0 116.1 348.3

158 94.8 48.8 146.4





#78

n-propylbenzene

Concen: 50.339 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

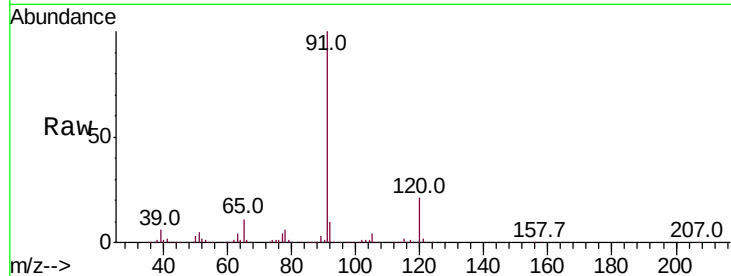
SA-MW131I-20200901MS

Tot Ion: 91 Resp: 1114329

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN063150.D (-3355) (-)

12.57

800000

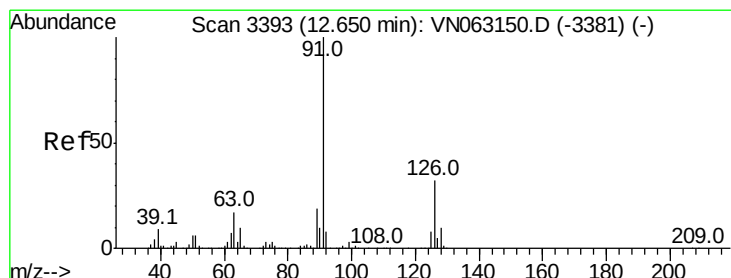
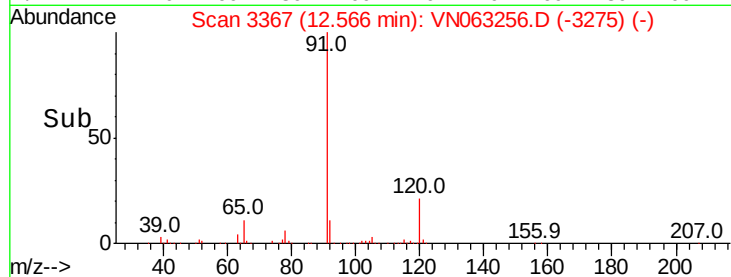
600000

400000

200000

0

Time-->



#79

2-Chlorotoluene

Concen: 50.875 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063256.D

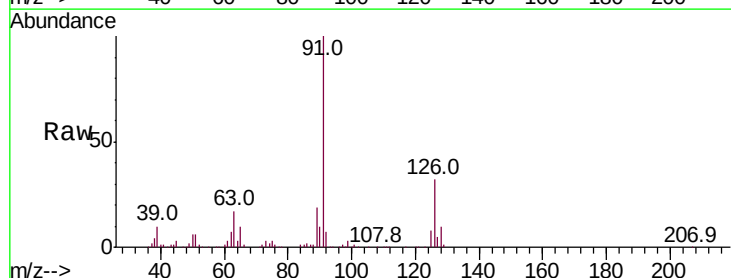
Acq: 4 Sep 2020 18:36

Tgt Ion: 91 Resp: 674537

Ion Ratio Lower Upper

91 100

126 32.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)

Ion 125.90 (125.60 to 126.60): VN063150.D (-3381) (-)

12.65

800000

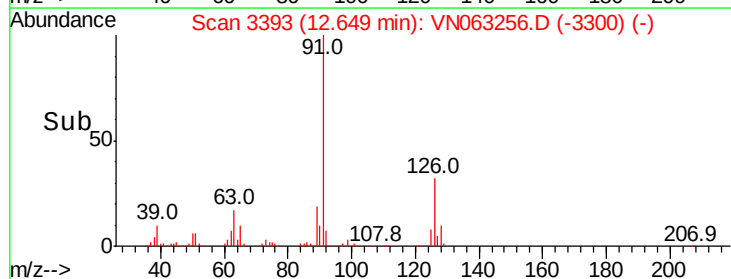
600000

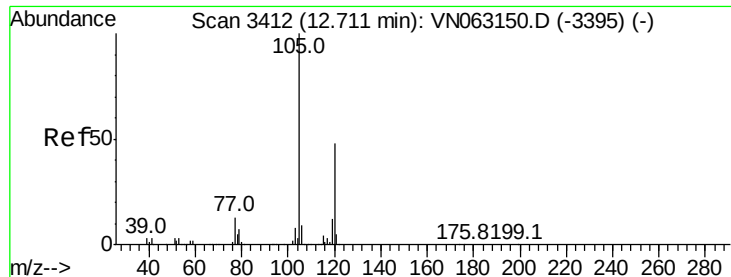
400000

200000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 49.523 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

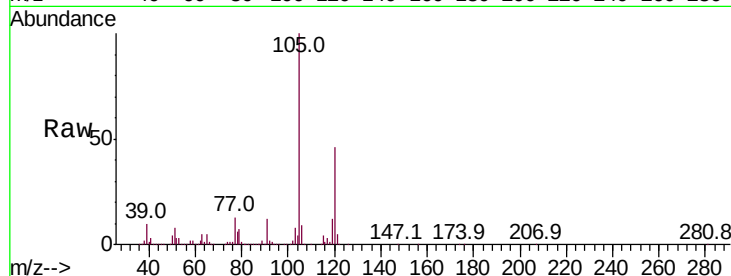
SA-MW131I-20200901MS

Tot Ion:105 Resp: 788567

Ion Ratio Lower Upper

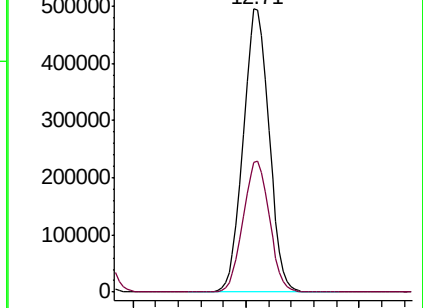
105 100

120 47.2 24.2 72.6

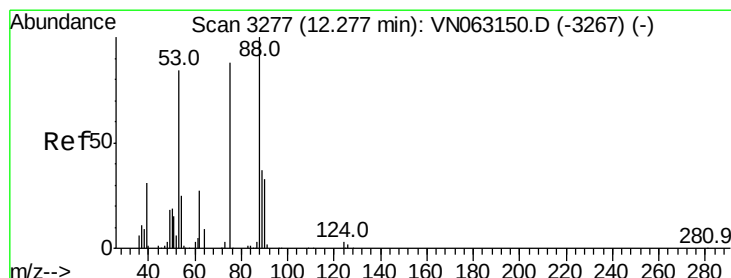
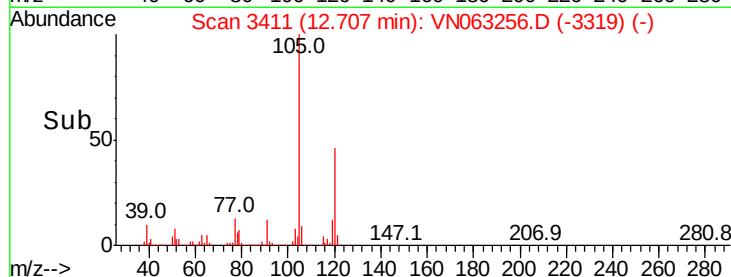


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.60 12.70 12.80



#81

trans-1,4-Dichloro-2-butene

Concen: 44.504 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

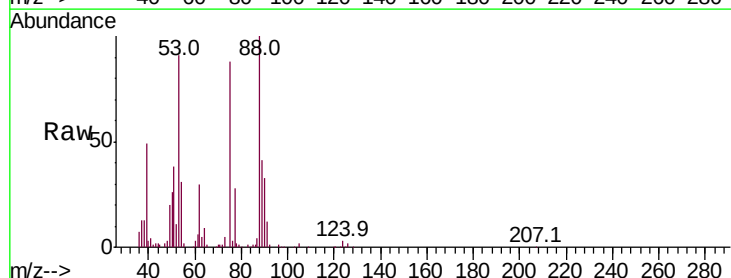
Tgt Ion: 75 Resp: 90234

Ion Ratio Lower Upper

75 100

53 104.6 78.7 118.1

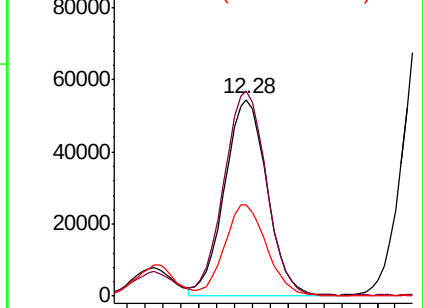
89 46.4 35.3 52.9



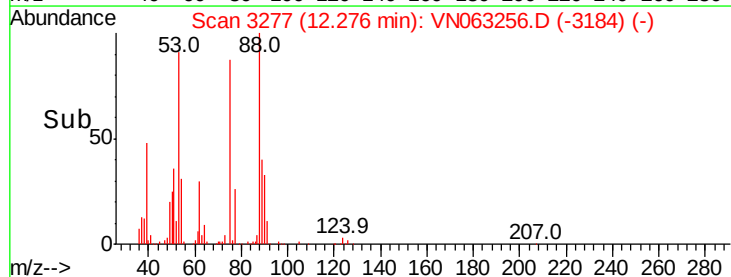
Abundance Ion 74.90 (74.60 to 75.60): V

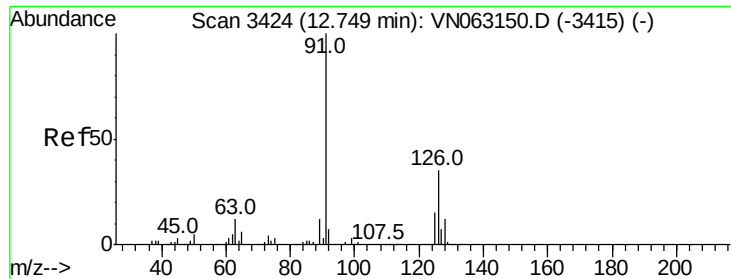
Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V



Time--> 12.25 12.30 12.35





#82

4-Chlorotoluene

Concen: 50.388 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

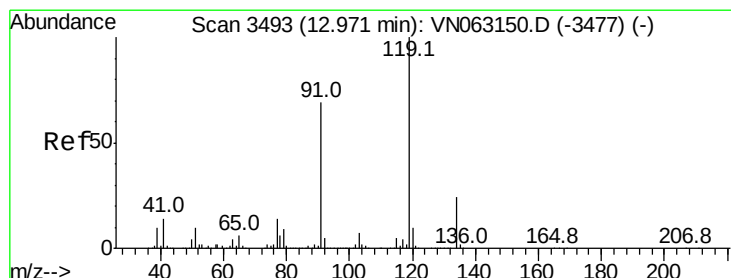
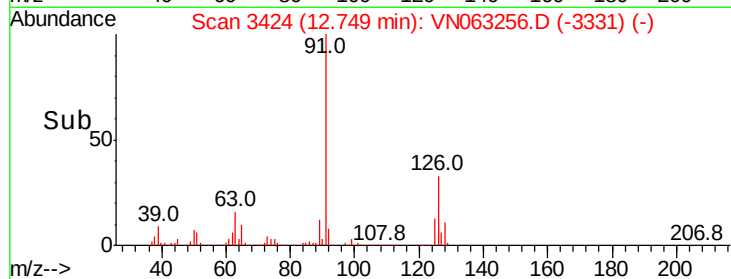
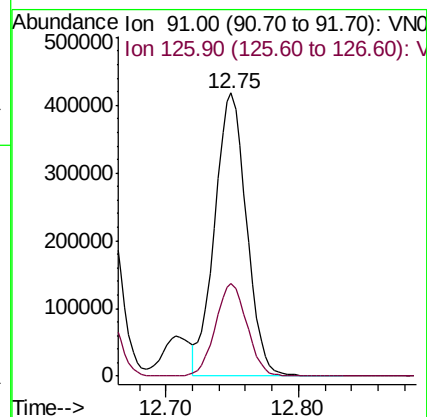
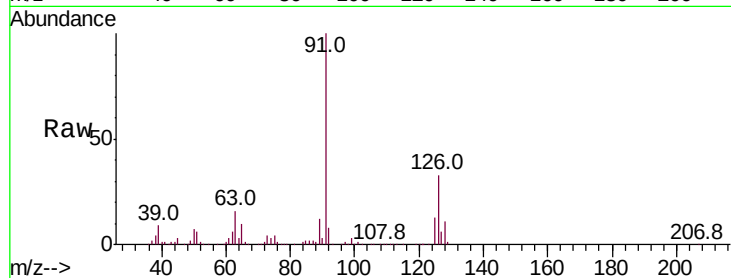
SA-MW131I-20200901MS

Tot Ion: 91 Resp: 692883

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.5



#83

tert-Butylbenzene

Concen: 47.246 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

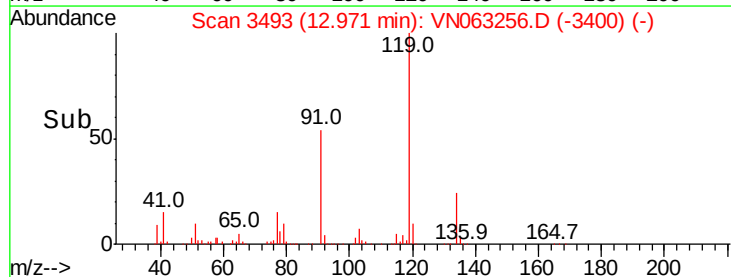
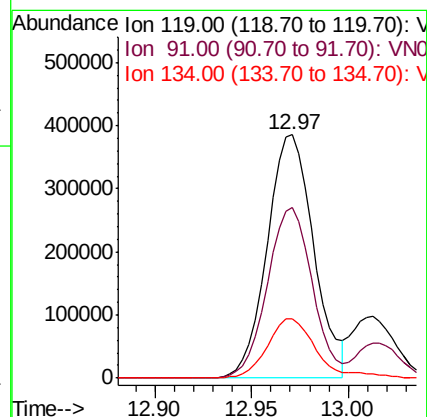
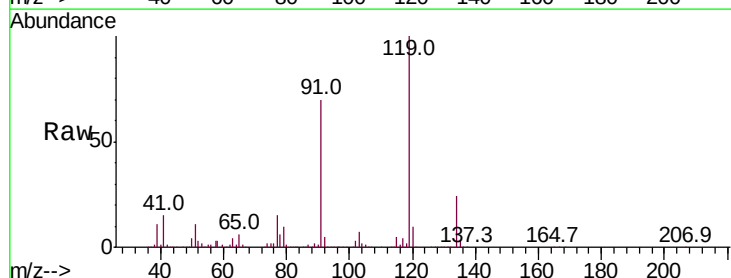
Tgt Ion: 119 Resp: 645203

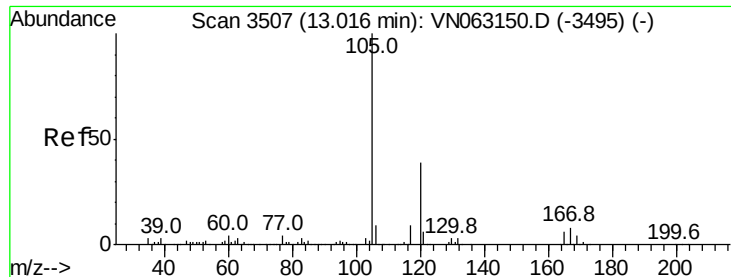
Ion Ratio Lower Upper

119 100

91 67.7 33.7 101.0

134 25.7 12.0 36.0

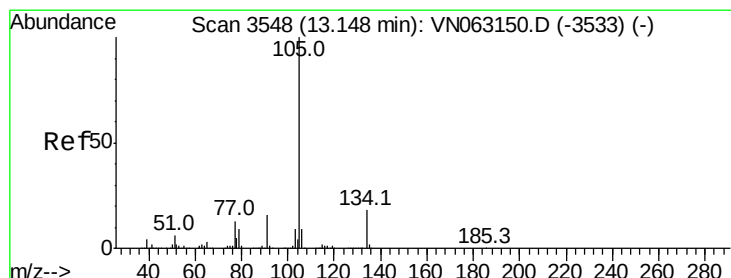
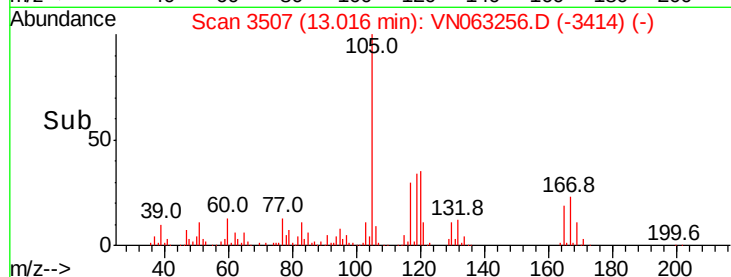
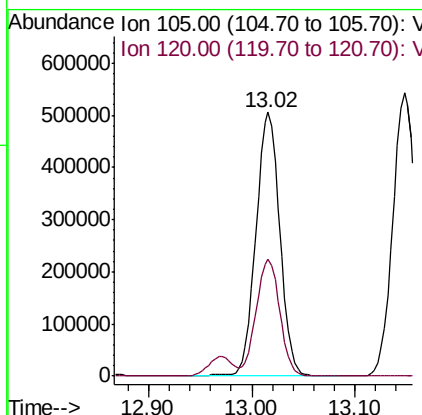
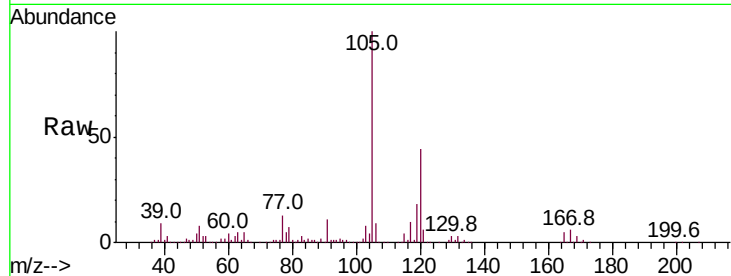




#84
 1,2,4-Trimethylbenzene
 Concen: 50.555 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

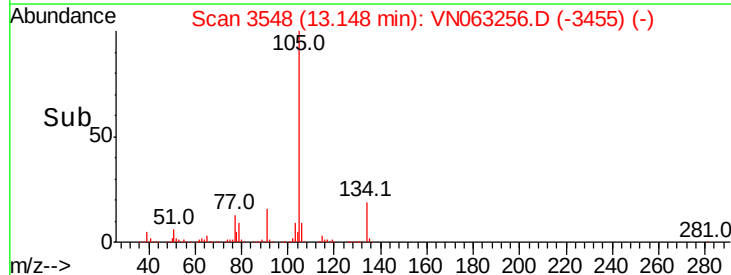
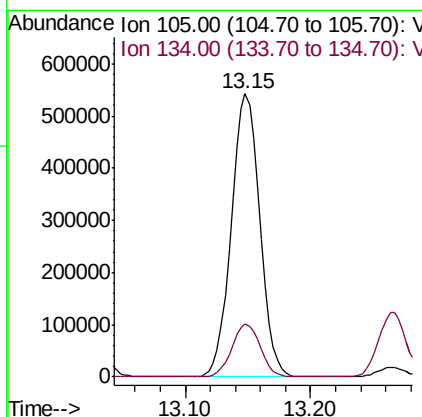
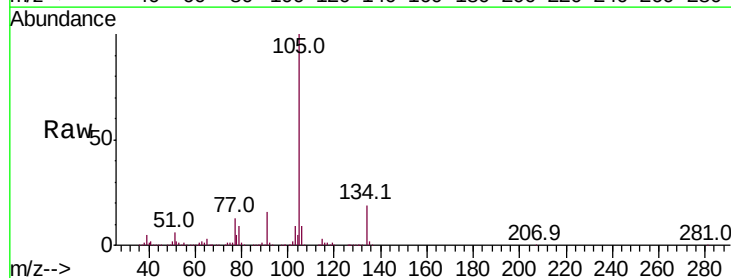
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

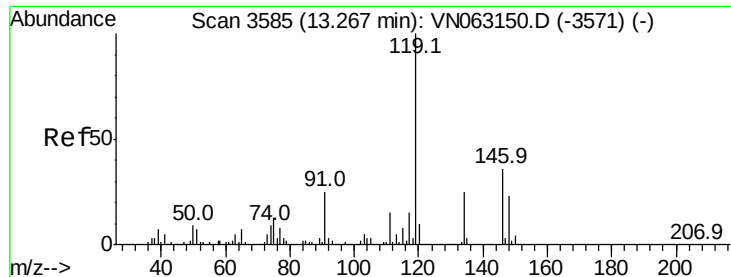
Tot Ion:105 Resp: 811417
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 47.835 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion:105 Resp: 851362
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

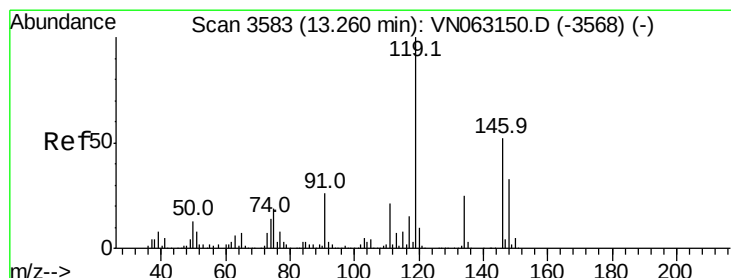
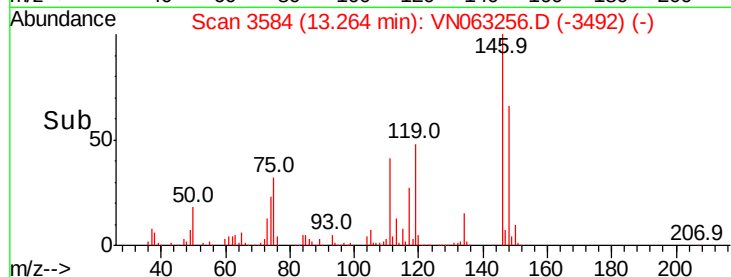
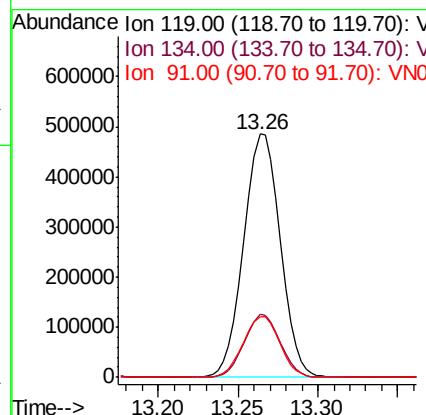
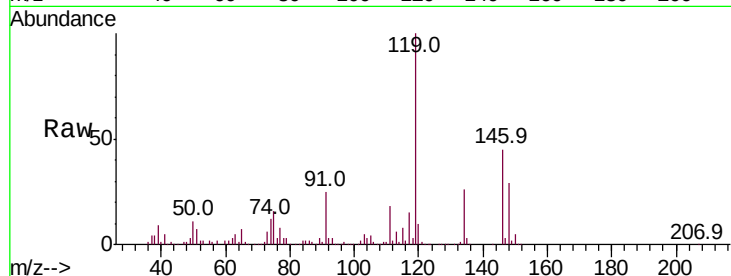




#86
 p-Isopropyltoluene
 Concen: 47.785 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

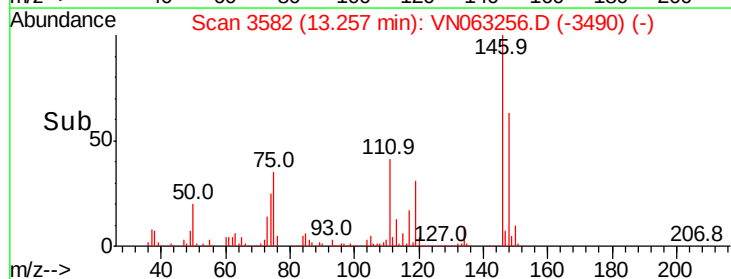
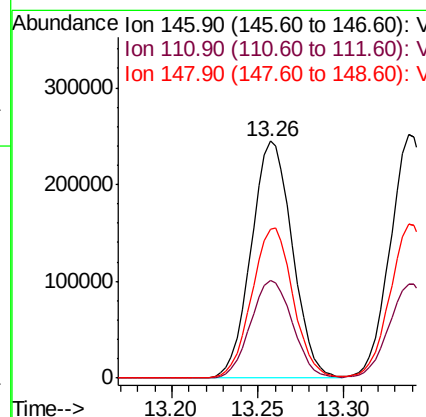
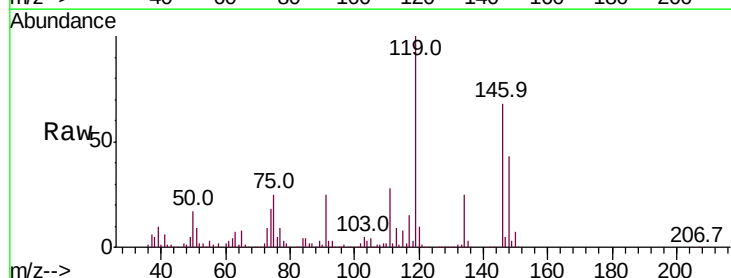
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

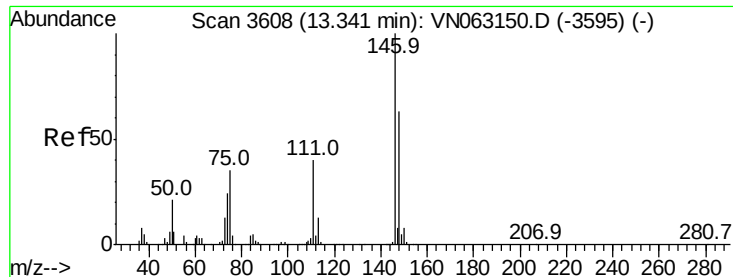
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.4	37.4
91	25.1	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 51.148 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	63.4	31.9	95.9





#88

1,4-Dichlorobenzene

Concen: 50.293 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

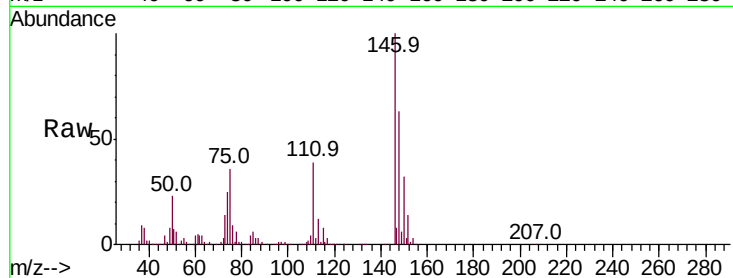
Tot Ion:146 Resp: 413899

Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.5

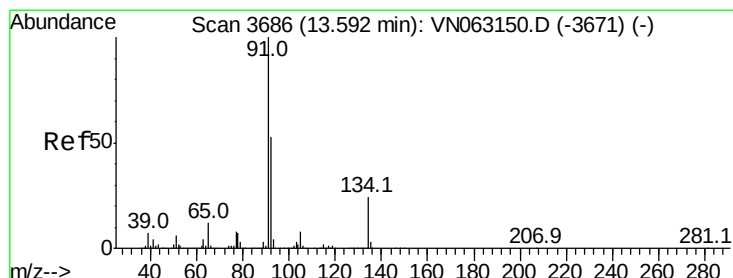
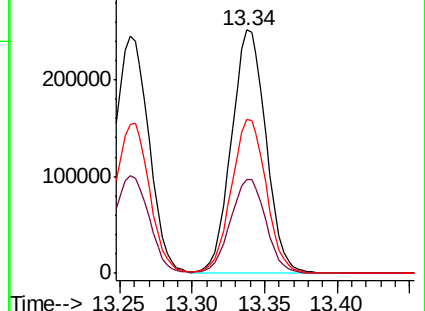
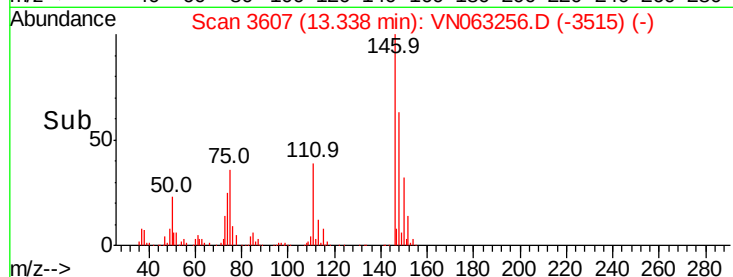
148 63.7 31.9 95.7



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



#89

n-Butylbenzene

Concen: 44.817 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

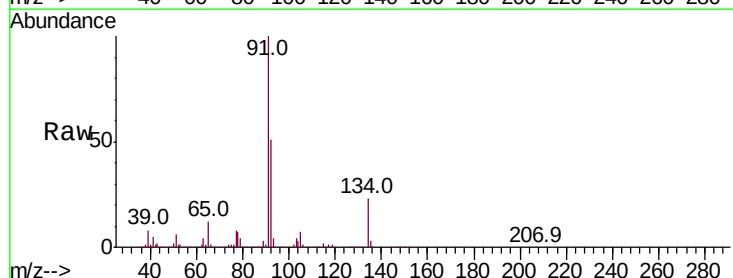
Tgt Ion: 91 Resp: 654224

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.8

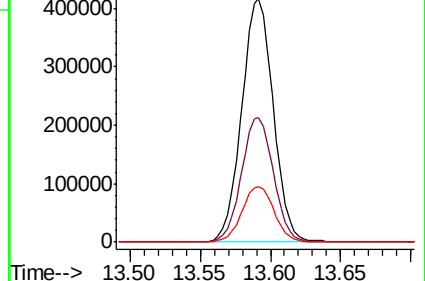
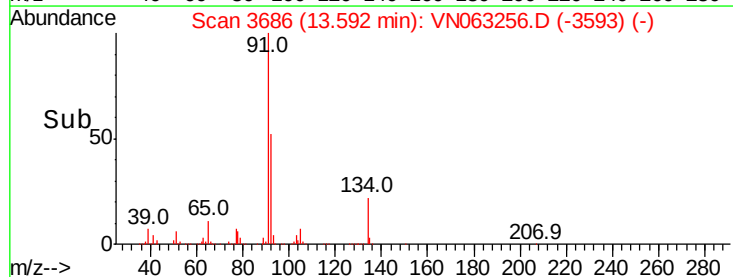
134 23.3 12.0 36.0

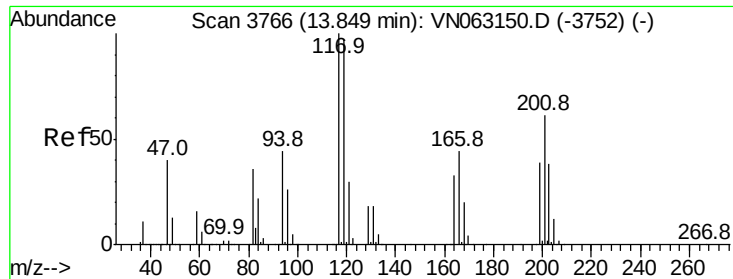


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

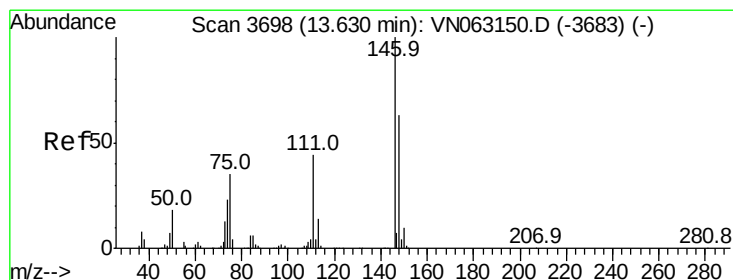
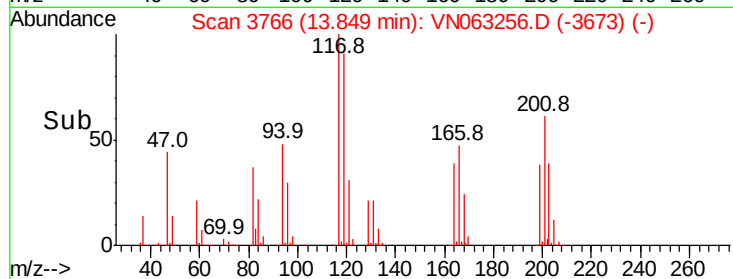
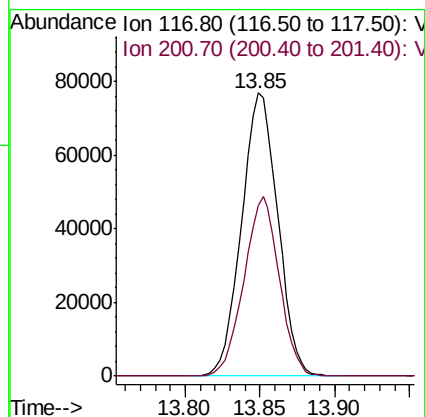
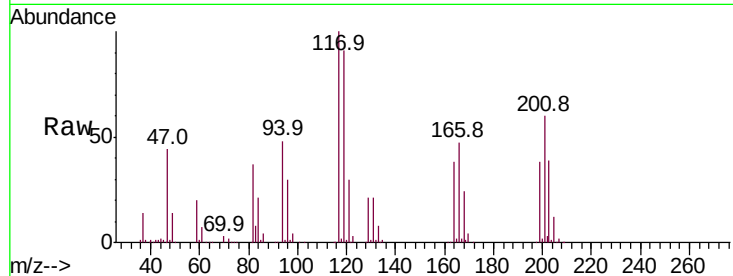




#90
Hexachloroethane
Concen: 44.305 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

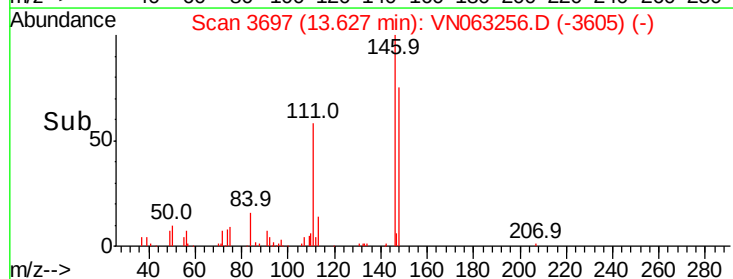
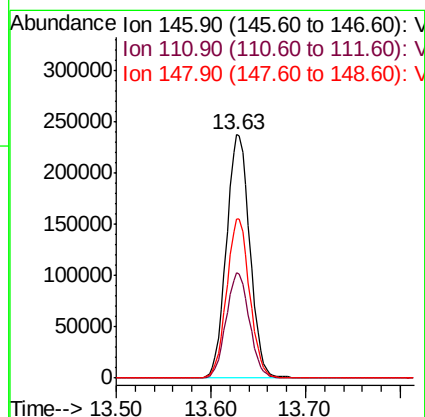
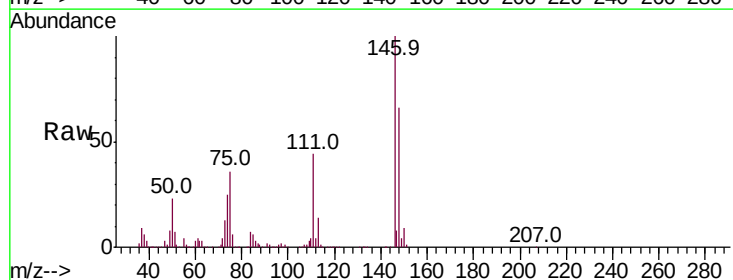
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

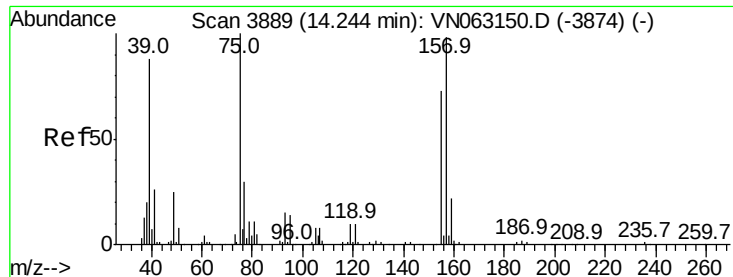
Tot Ion:117 Resp: 129595
Ion Ratio Lower Upper
117 100
201 61.7 30.6 92.0



#91
1,2-Dichlorobenzene
Concen: 52.972 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion:146 Resp: 408562
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 64.3 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.017 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

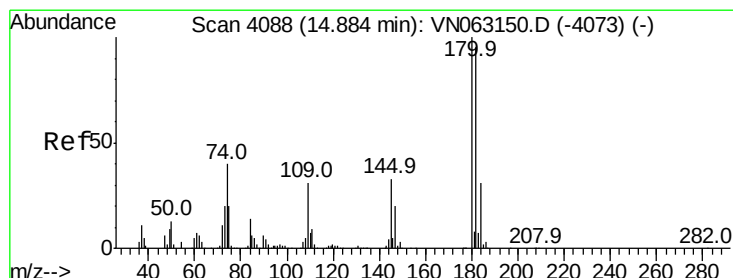
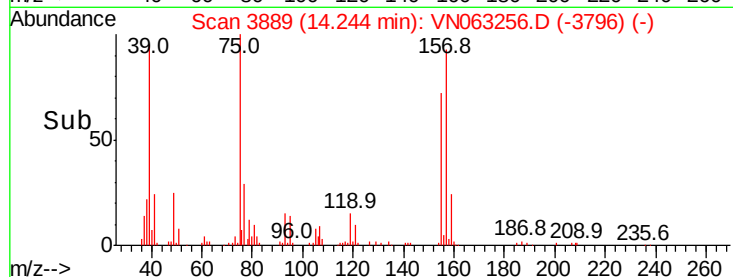
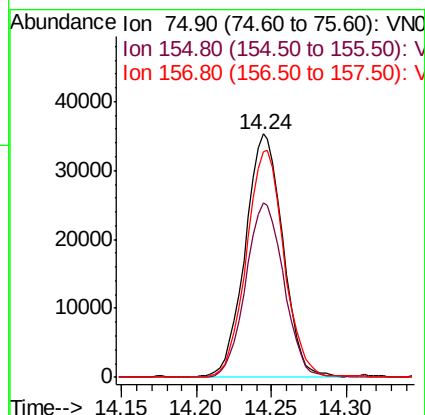
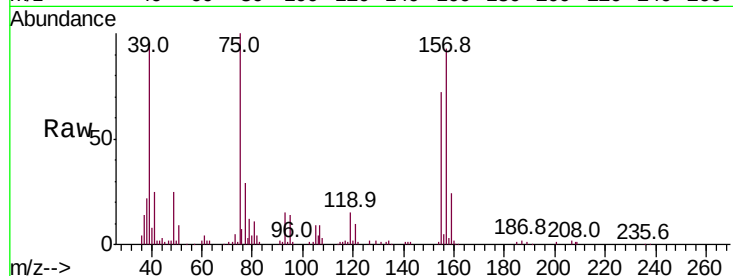
Tot Ion: 75 Resp: 61860

Ion Ratio Lower Upper

75 100

155 72.6 36.1 108.5

157 93.1 48.4 145.0



#93

1,2,4-Trichlorobenzene

Concen: 47.117 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

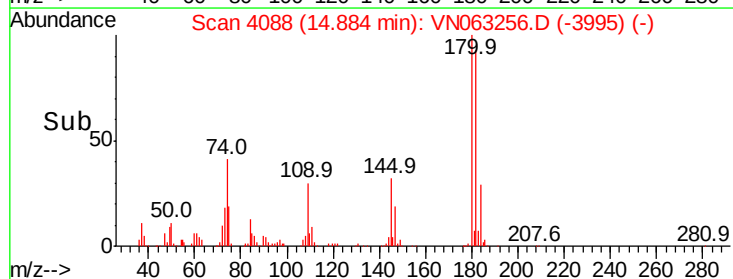
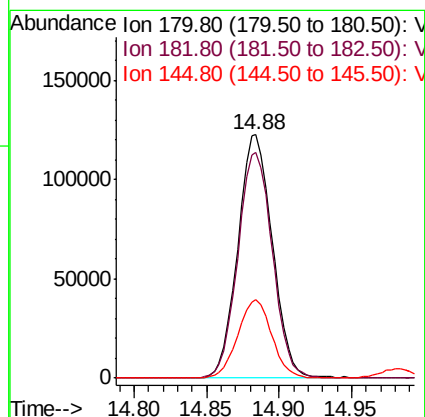
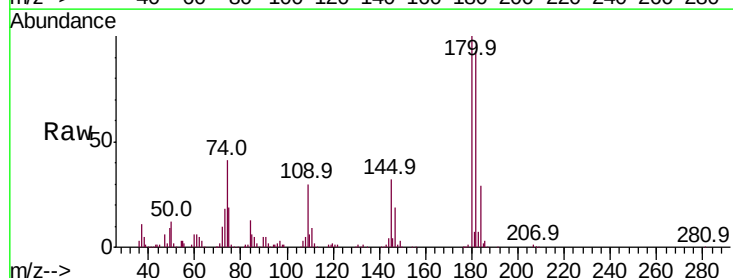
Tgt Ion:180 Resp: 203028

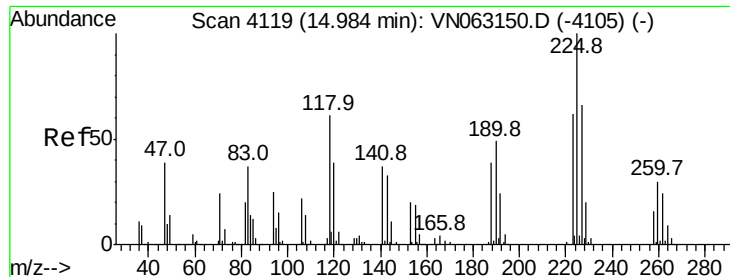
Ion Ratio Lower Upper

180 100

182 92.9 47.5 142.5

145 31.9 16.6 49.8





#94

Hexachlorobutadiene

Concen: 41.511 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

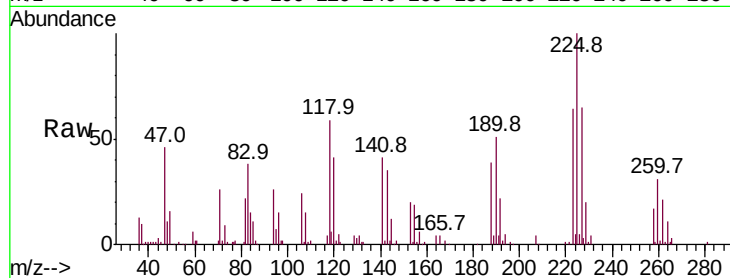
Tot Ion:225 Resp: 66822

Ion Ratio Lower Upper

225 100

223 63.1 30.9 92.7

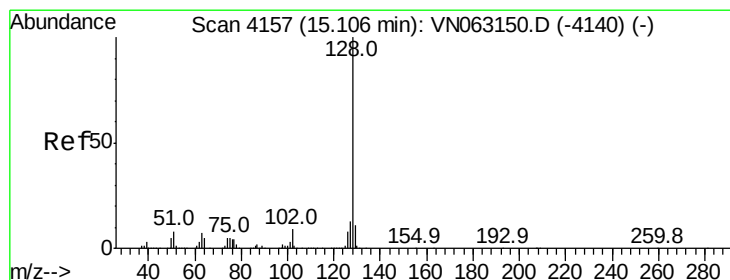
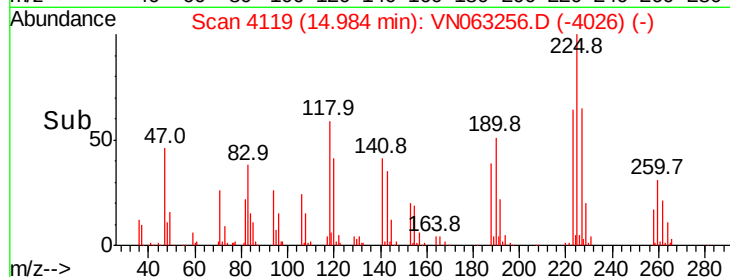
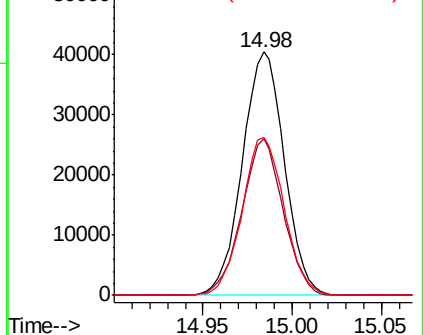
227 65.0 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.737 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

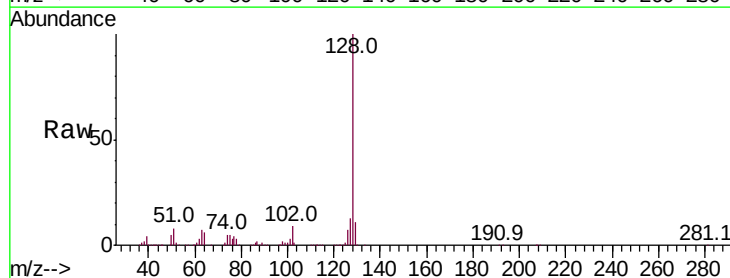
Tgt Ion:128 Resp: 700658

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

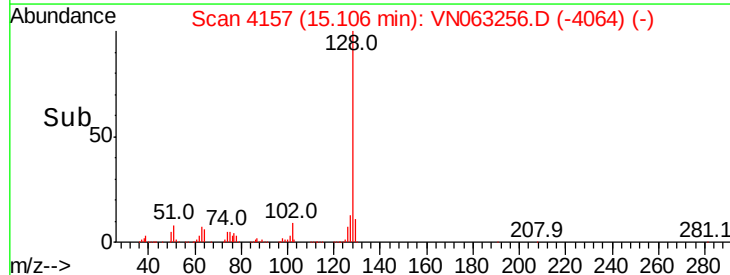
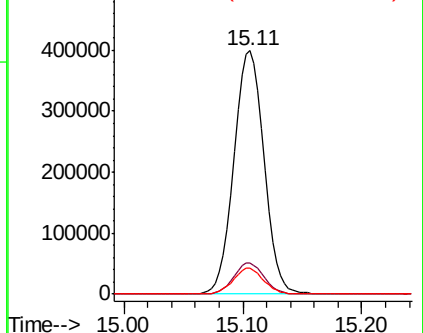
129 10.7 8.6 13.0

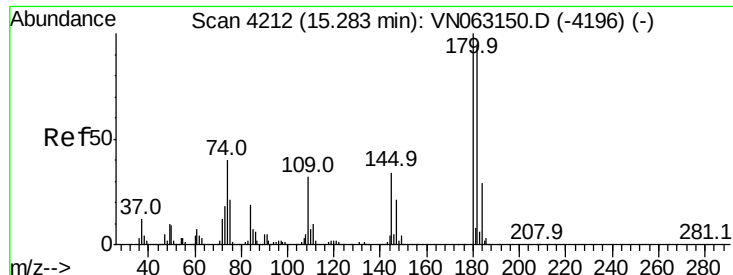


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 46.396 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

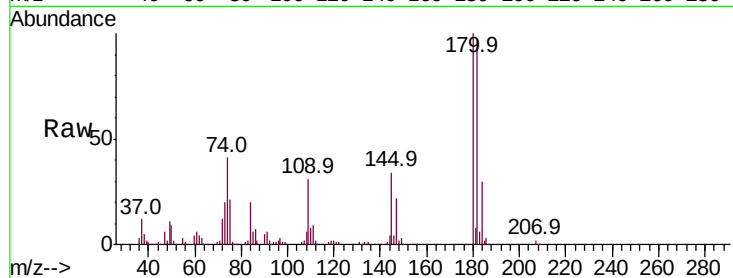
Tot Ion:180 Resp: 194778

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 33.6 17.3 52.0



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

