

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064667.D
 Acq On : 16 Nov 2020 18:01
 Operator : JC/MD
 Sample : L4772-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Nov 17 03:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	494961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	552363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	308758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	233738	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
35) Dibromofluoromethane	7.55	113	173809	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	10.06	98	648453	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.38	95	312540	63.45	ug/l	0.00
Spiked Amount			Recovery	=	126.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	360	0.765	ug/l #	71
13) Acrolein	3.44	56	67	0.229	ug/l #	1
16) Acetone	3.78	43	15745	9.680	ug/l	93
17) Carbon Disulfide	4.01	76	2688	0.343	ug/l #	76
25) 2-Butanone	6.80	43	1138	0.549	ug/l	98
31) Cyclohexane	7.62	56	9470	1.824	ug/l #	47
36) 1,1-Dichloropropene	7.63	75	23005	4.400	ug/l #	52
37) Ethyl Acetate	6.87	43	129	0.786	ug/l #	71
38) Carbon Tetrachloride	7.63	117	27894	4.991	ug/l #	17
39) Methylcyclohexane	9.04	83	5321	1.135	ug/l	92
44) Trichloroethene	8.81	130	1006	0.260	ug/l	60
49) 1,4-Dioxane	8.88	88	29	0.515	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	1048	0.212	ug/l #	79
55) 1,1,2-Trichloroethane	10.50	97	11867	3.247	ug/l #	19
56) Ethyl methacrylate	10.40	69	8421	3.190	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	1521	22.027	ug/l #	55
59) 2-Hexanone	10.45	43	267	4.093	ug/l	67
60) Dibromochloromethane	10.60	129	3839	0.938	ug/l #	10
64) Tetrachloroethene	10.60	164	4333	1.018	ug/l	89
67) Ethyl Benzene	11.48	91	943534	43.806	ug/l	99
68) m/p-Xylenes	11.60	106	427321	54.706	ug/l	97
69) o-Xylene	11.92	106	7926	1.050	ug/l	59
73) Isopropylbenzene	12.23	105	2750537	112.079	ug/l	99
74) N-ethyl acetate	12.02	43	87098	8.354	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.44	83	15874	2.106	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	39281	5.251	ug/l #	100
78) n-propylbenzene	12.57	91	5368980	191.896	ug/l	95
79) 2-Chlorotoluene	12.66	91	299270	16.865	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	1501340	74.156	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.22	75	35619	13.294	ug/l #	58
82) 4-Chlorotoluene	12.71	91	171220	9.213	ug/l #	45
83) tert-Butylbenzene	12.97	119	325086	20.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	11249047	552.711	ug/l #	56
85) sec-Butylbenzene	13.15	105	1545072	77.155	ug/l #	75

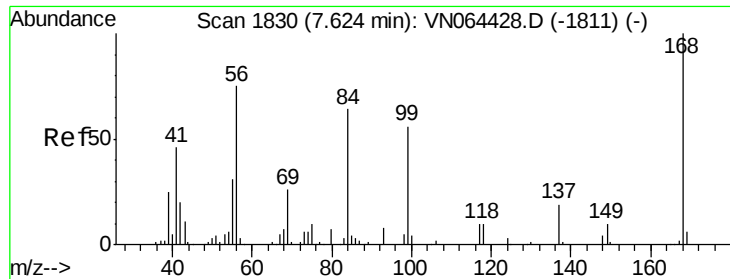
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.26	119	641388	35.608	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	2732	0.255	ug/l #	1
89) n-Butylbenzene	13.59	91	904465	58.401	ug/l #	78
90) Hexachloroethane	13.86	117	289204	83.231	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.22	75	13417	8.940	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.90	180	64	2.676	ug/l #	1
95) Naphthalene	15.10	128	706983	42.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	169	2.809	ug/l #	1

(#) = 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: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

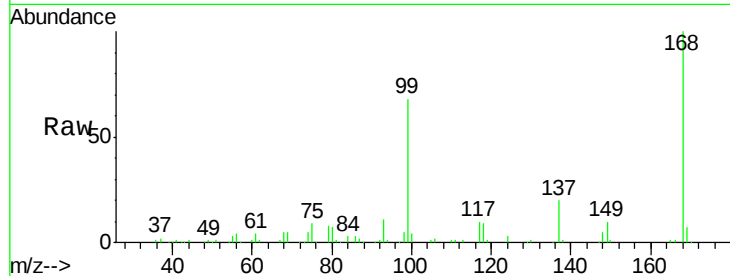
MW-2

Tot Ion:168 Resp: 245140

Ion Ratio Lower Upper

168 100

99 67.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

120000

100000

80000

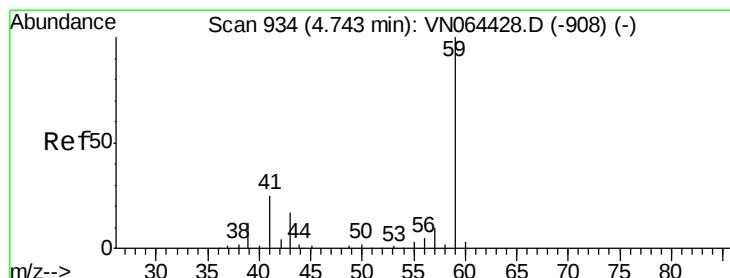
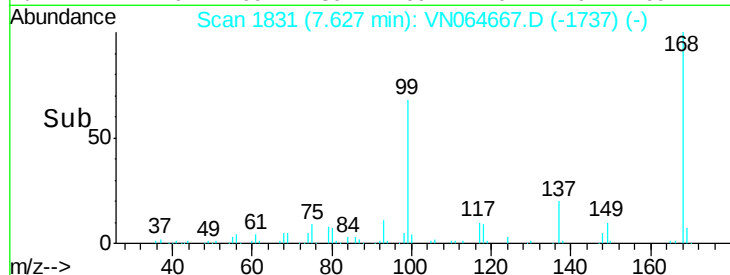
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.765 ug/l

RT: 4.74 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN064667.D

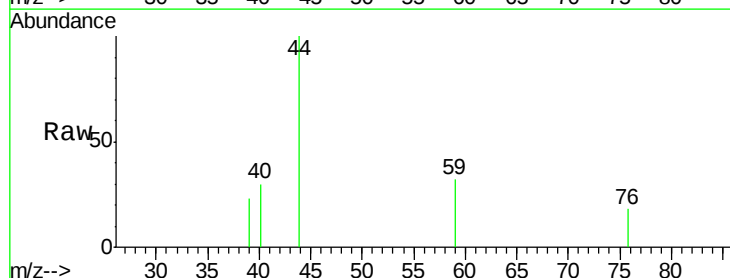
Acq: 16 Nov 2020 18:01

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN064428.D (-908) (-)

Ion 57.00 (56.70 to 57.70): VN064428.D (-908) (-)

4.74

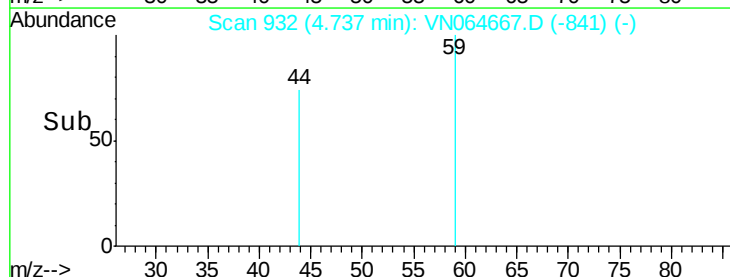
300

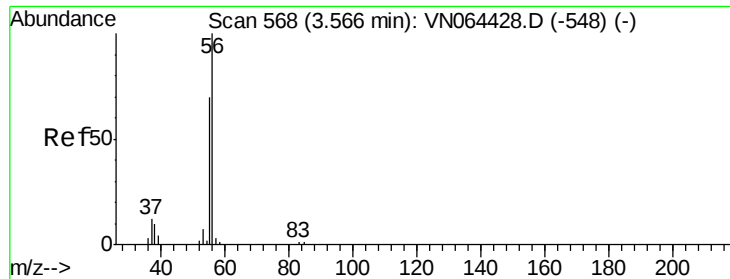
200

100

0

Time--> 4.72 4.74





#13

Acrolein

Concen: 0.229 ug/l

RT: 3.44 min Scan# 529

Delta R.T. -0.13 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

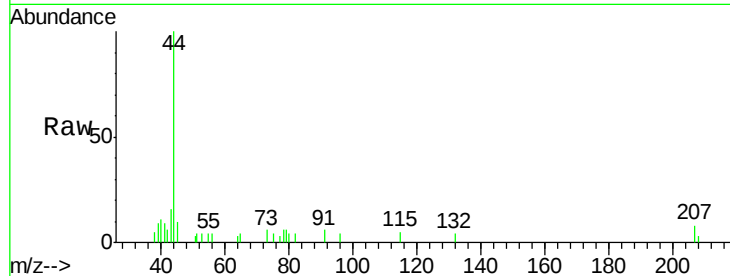
MW-2

Tot Ion: 56 Resp: 67

Ion Ratio Lower Upper

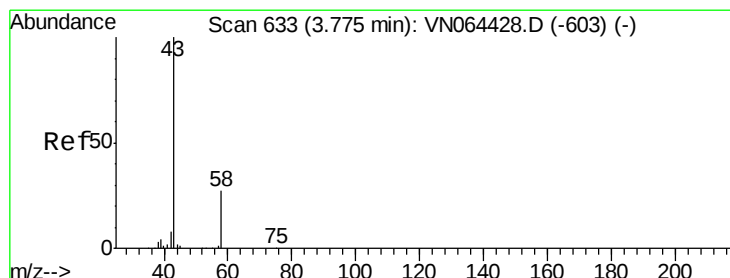
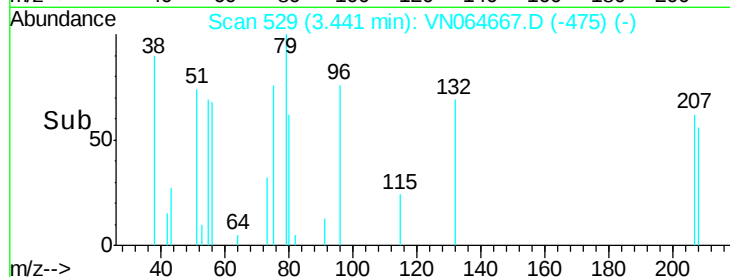
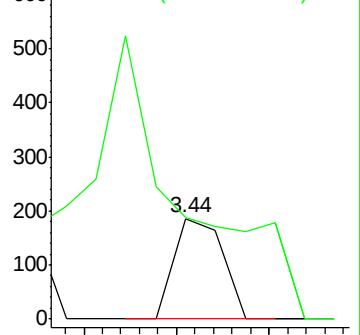
56 100

55 556.7 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 9.680 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064667.D

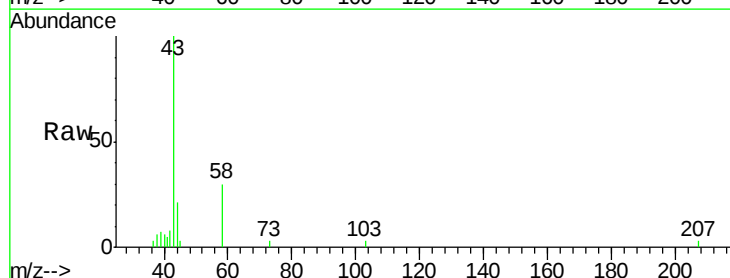
Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 15745

Ion Ratio Lower Upper

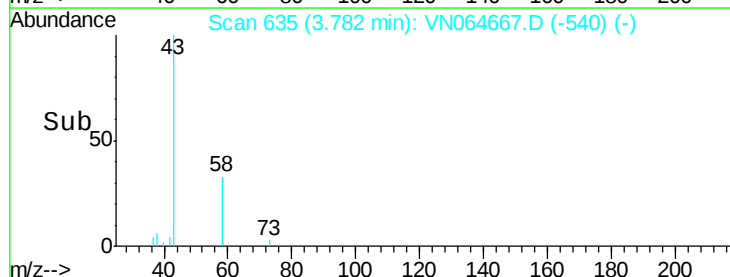
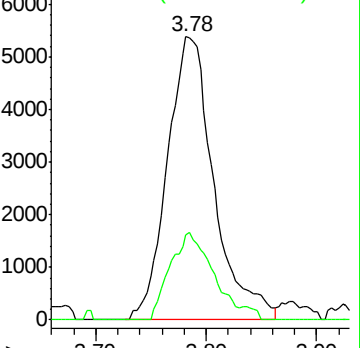
43 100

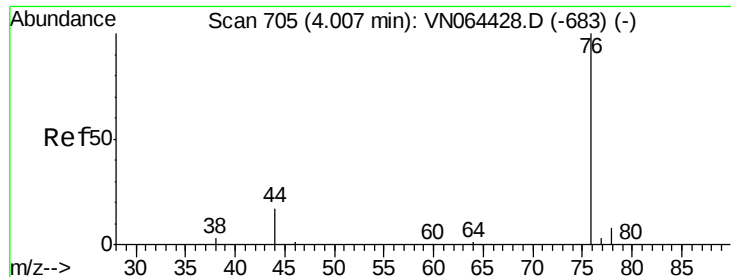
58 30.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

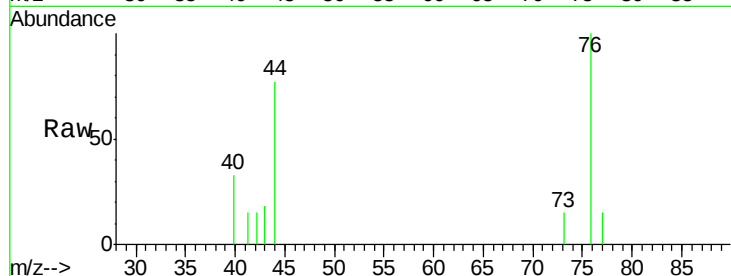
MW-2

Tot Ion: 76 Resp: 2688

Ion Ratio Lower Upper

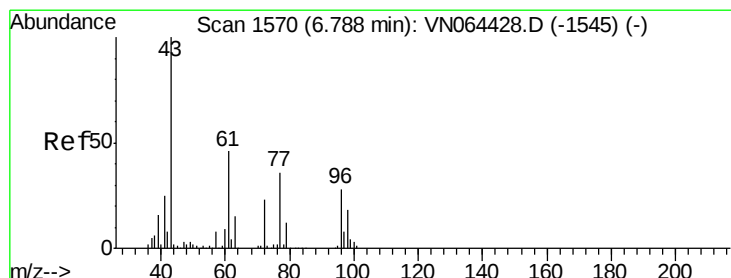
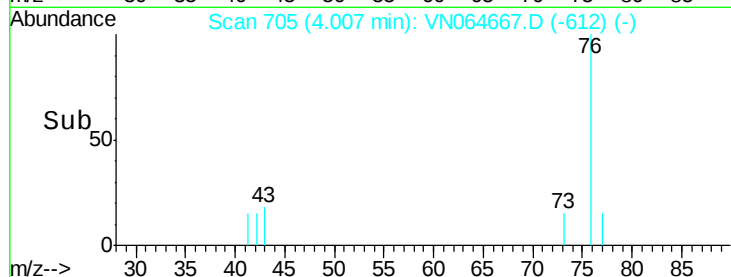
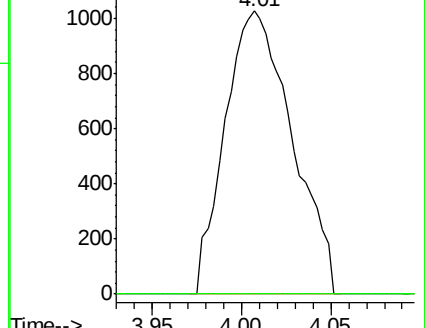
76 100

78 0.0 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-683) (-)



#25

2-Butanone

Concen: 0.549 ug/l

RT: 6.80 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN064667.D

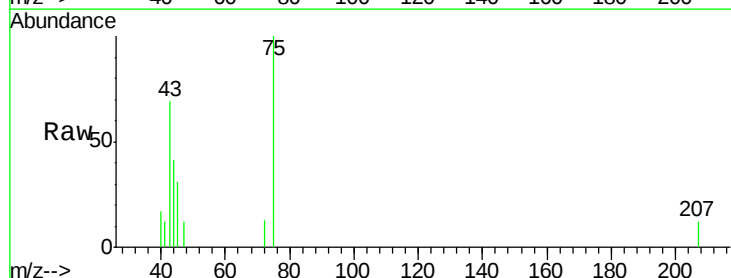
Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 1138

Ion Ratio Lower Upper

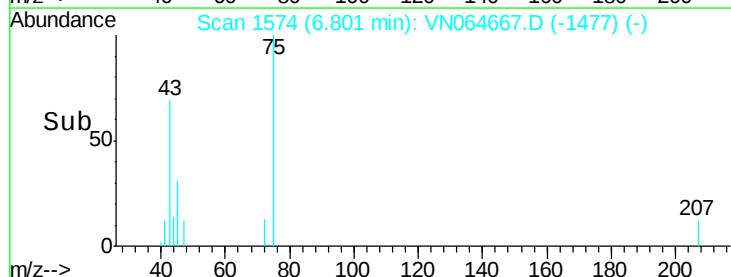
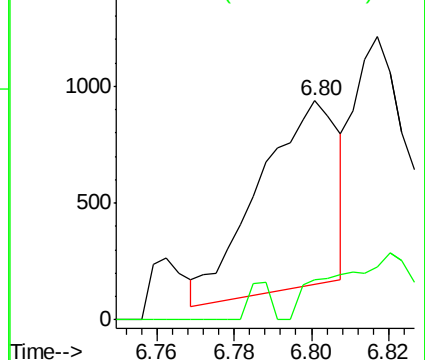
43 100

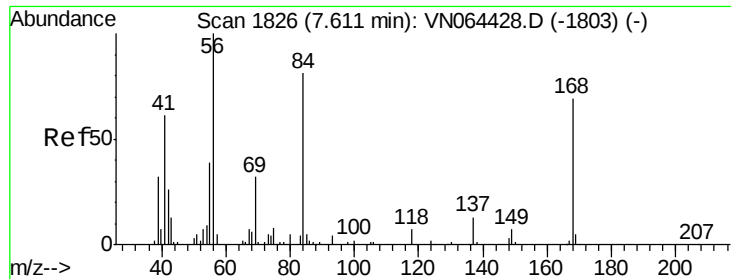
72 22.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN064428.D (-1545) (-)

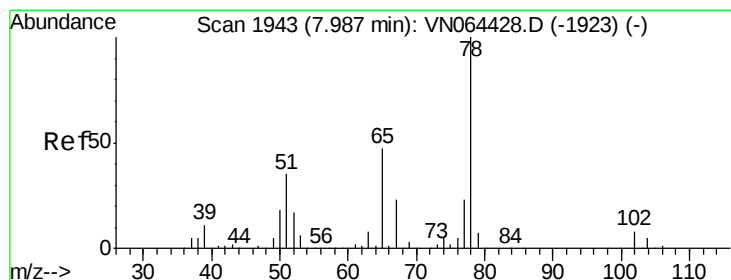
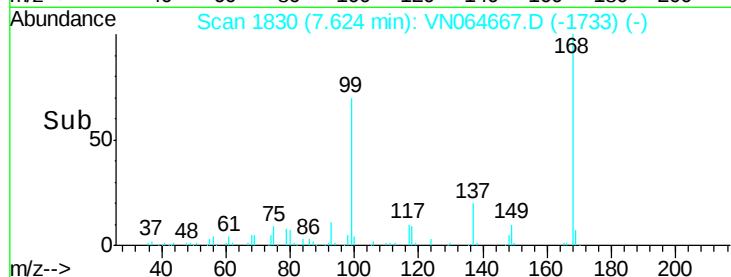
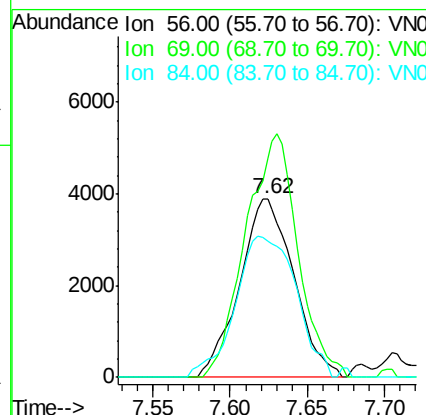
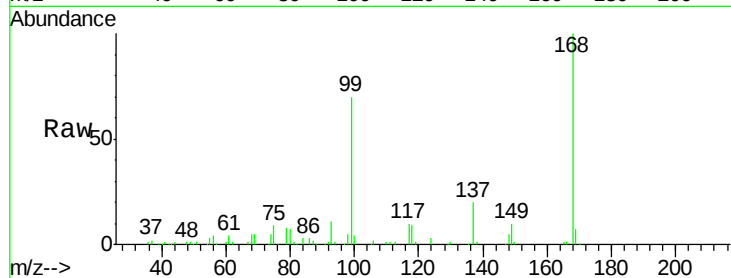




#31
Cyclohexane
Concen: 1.824 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

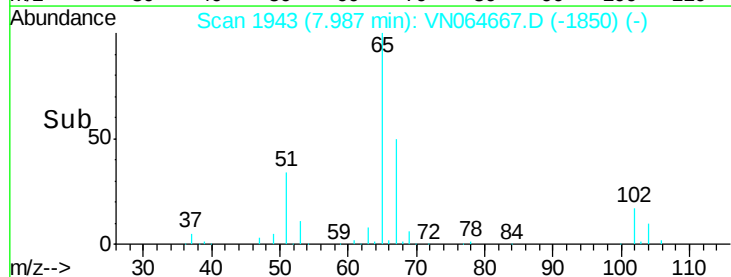
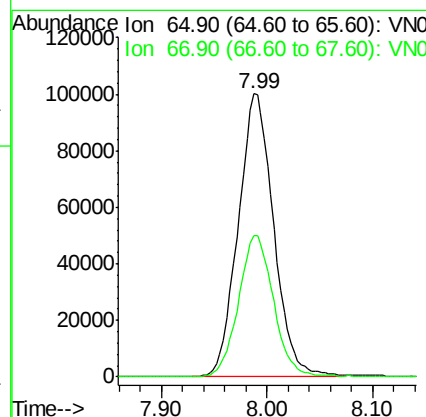
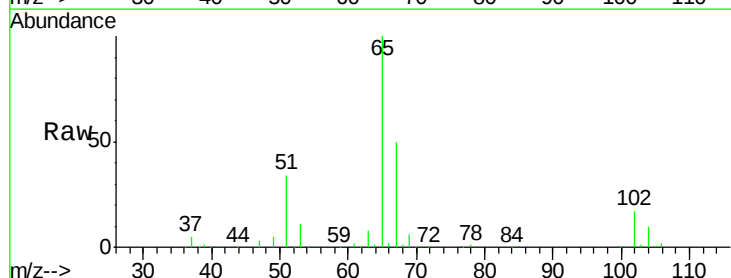
Instrument :
MSVOA_N
ClientSampled :
MW-2

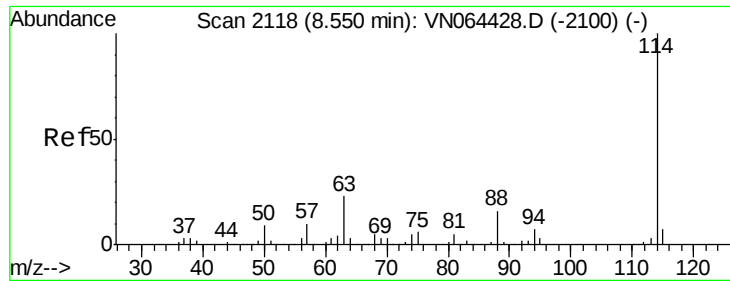
Tot Ion: 56 Resp: 9470
Ion Ratio Lower Upper
56 100
69 122.6 25.6 38.4#
84 71.6 63.0 94.6



#33
1,2-Dichloroethane-d4
Concen: 54.740 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 65 Resp: 233738
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.6

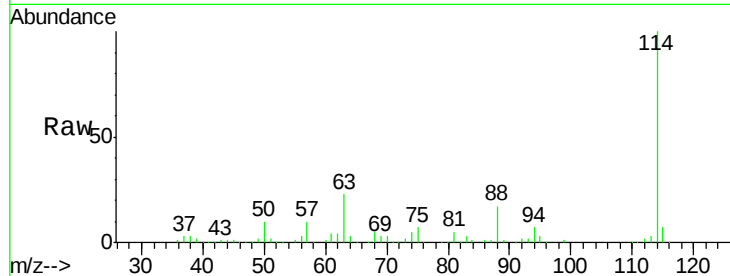




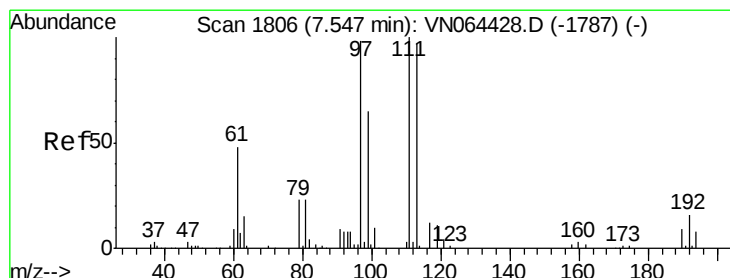
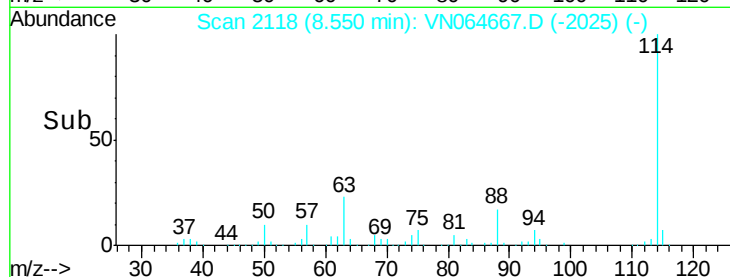
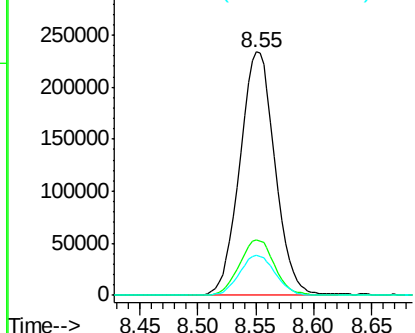
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion:114 Resp: 494961
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.6
88 16.5 0.0 32.8

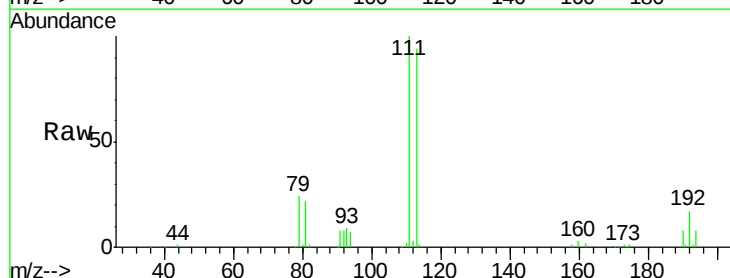


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

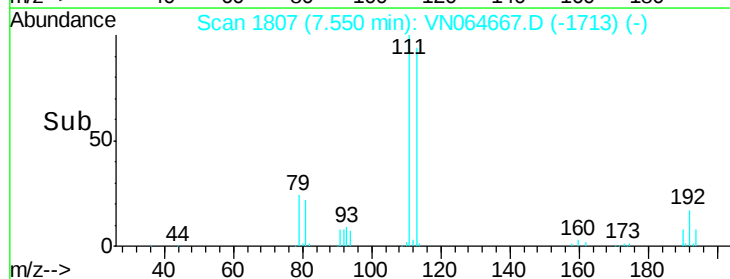
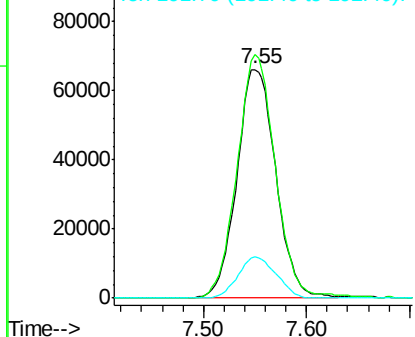


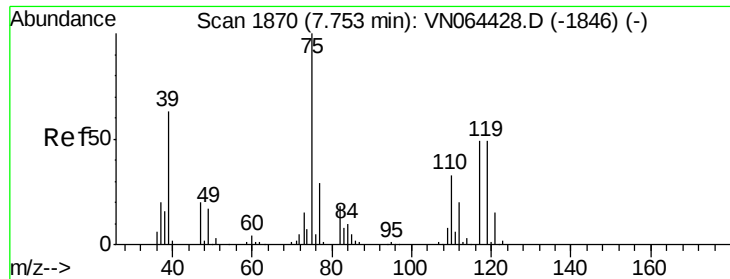
#35
Dibromofluoromethane
Concen: 51.575 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion:113 Resp: 173809
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 17.8 12.8 19.2



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

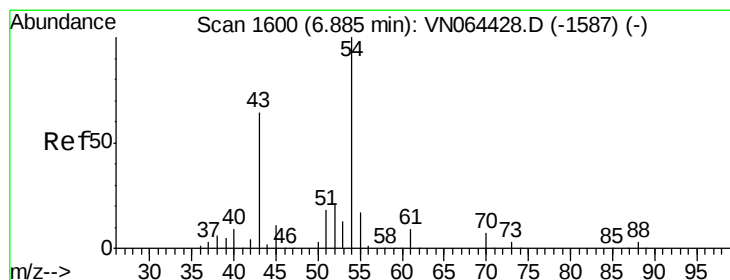
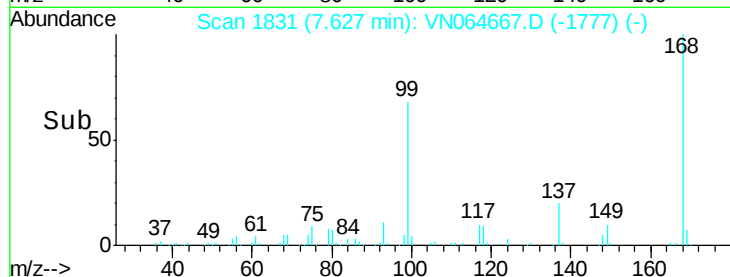
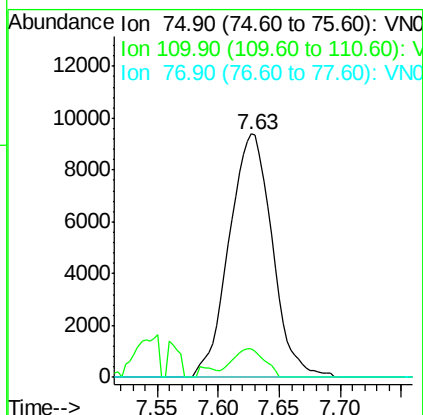
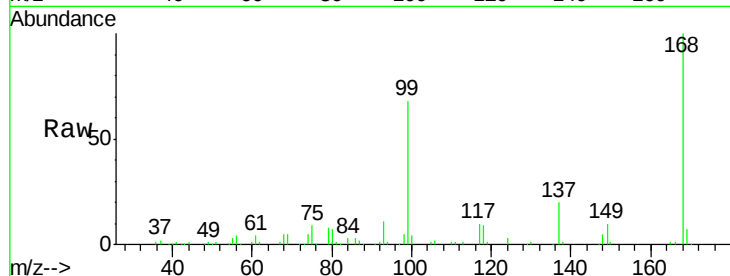




#36
 1,1-Dichloropropene
 Concen: 4.400 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

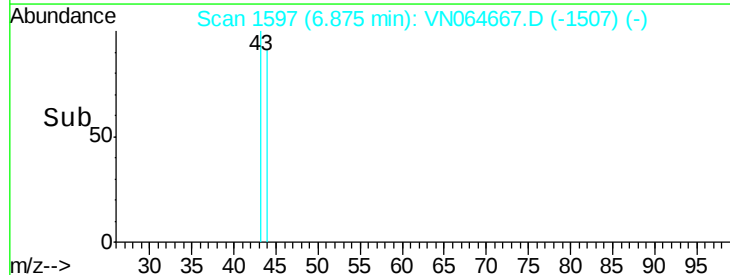
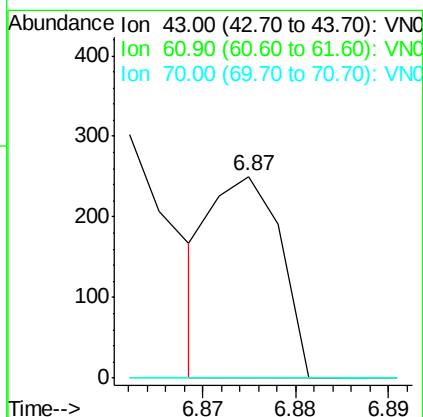
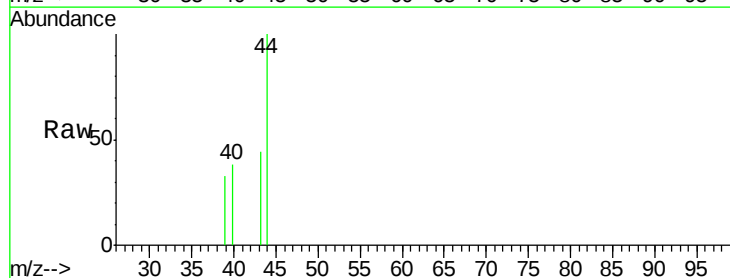
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

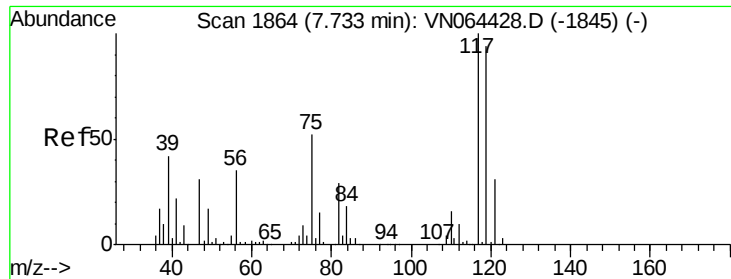
Tot Ion: 75 Resp: 23005
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.0 48.0#
 77 0.0 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 0.786 ug/l
 RT: 6.87 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 129
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 7.63 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

MW-2

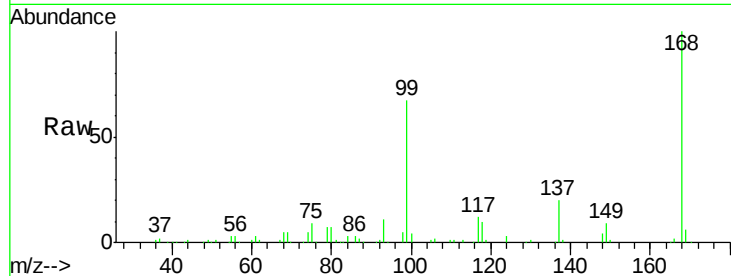
Tot Ion:117 Resp: 27894

Ion Ratio Lower Upper

117 100

119 6.0 75.5 113.3#

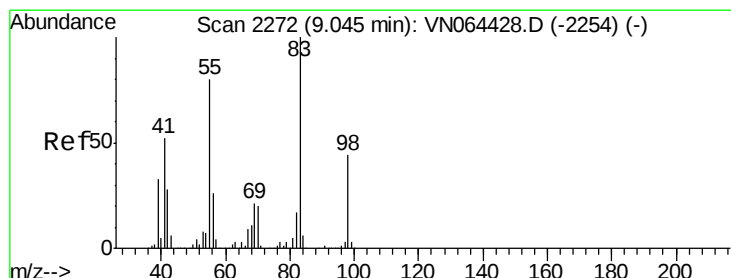
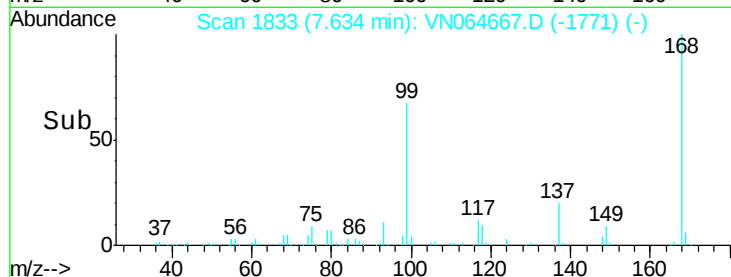
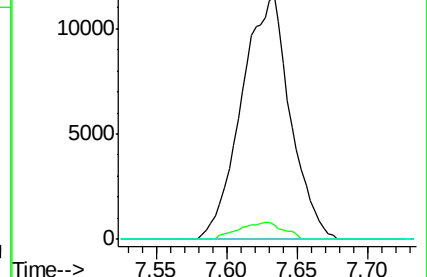
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.135 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

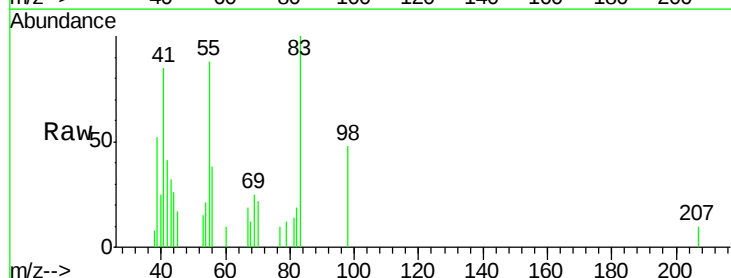
Tgt Ion: 83 Resp: 5321

Ion Ratio Lower Upper

83 100

55 88.0 63.8 95.6

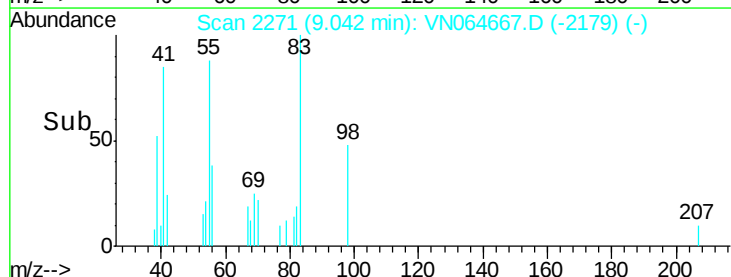
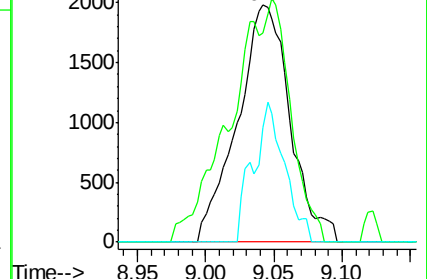
98 48.1 35.4 53.2

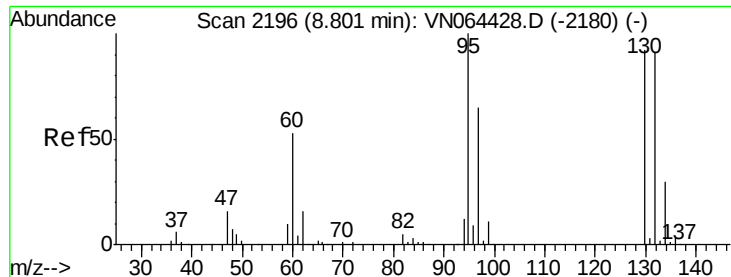


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#44

Trichloroethene

Concen: 0.260 ug/l

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

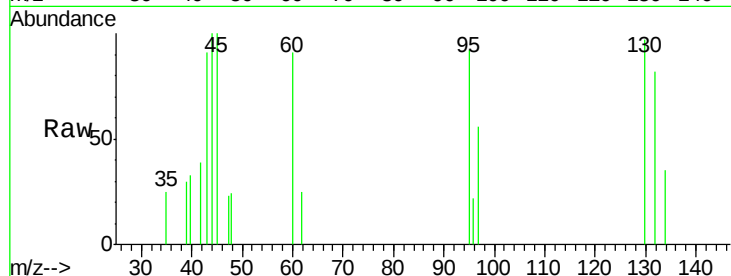
MW-2

Tot Ion:130 Resp: 1006

Ion Ratio Lower Upper

130 100

95 66.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.81

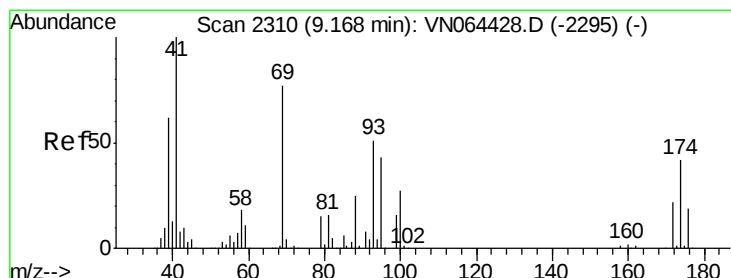
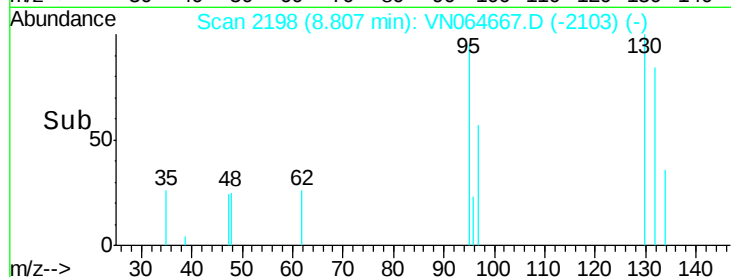
600

400

200

0

Time-->



#49

1,4-Dioxane

Concen: 0.515 ug/l

RT: 8.88 min Scan# 2222

Delta R.T. -0.28 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

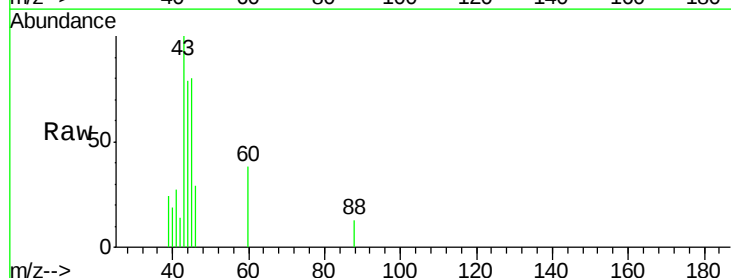
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 4889.7 31.0 46.6#

58 0.0 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

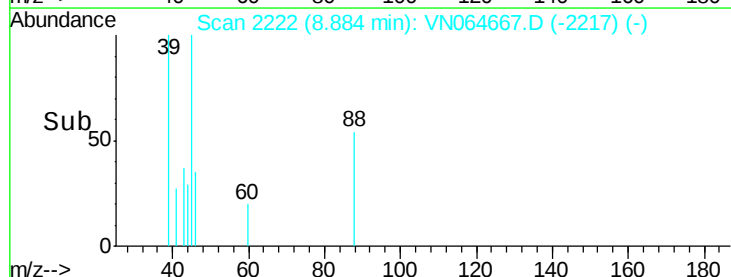
1500

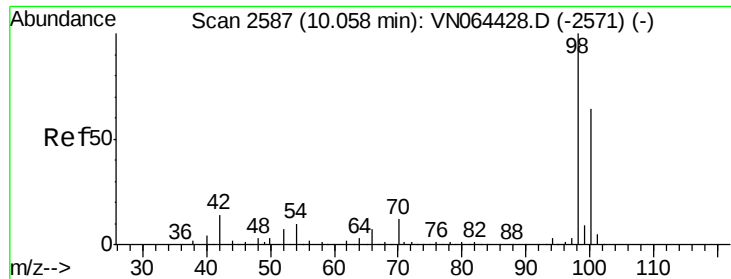
1000

500

0

Time-->

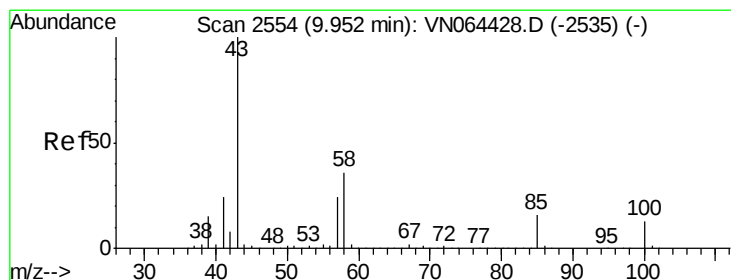
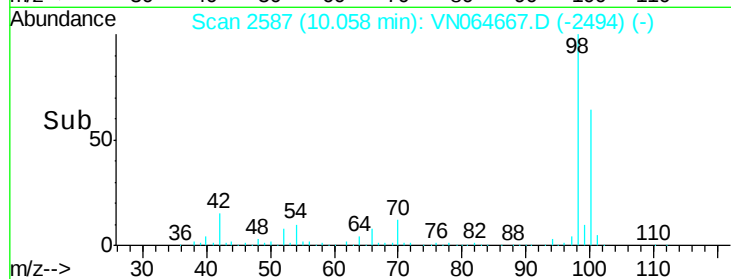
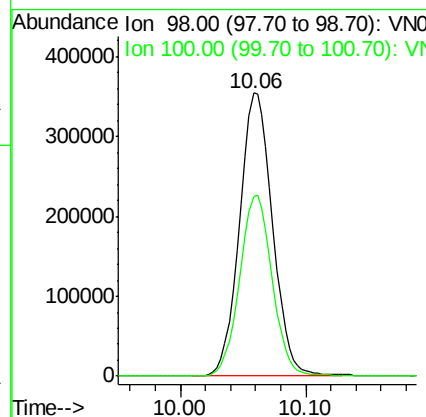
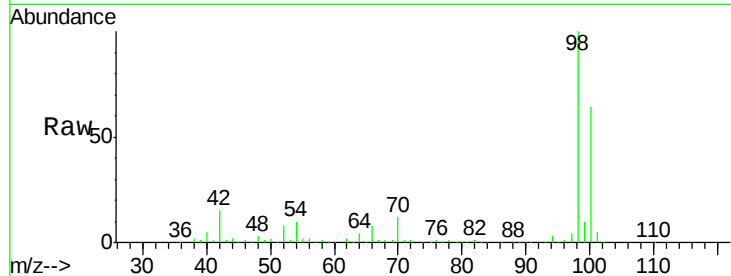




#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

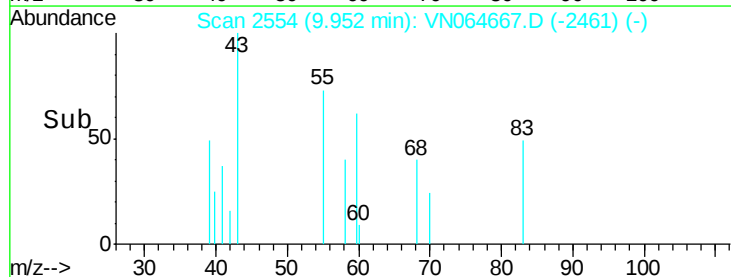
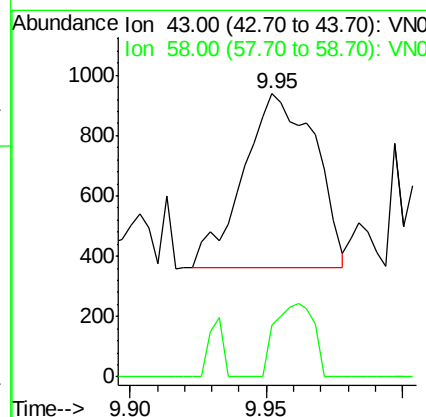
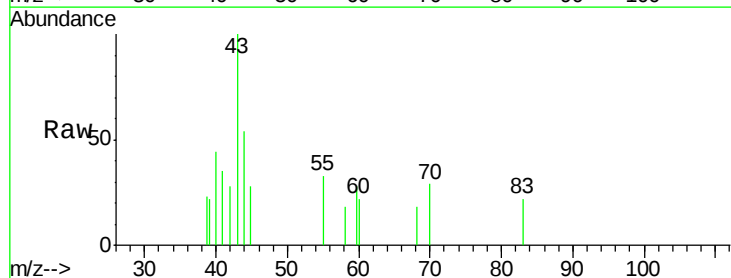
Instrument :
MSVOA_N
ClientSampled :
MW-2

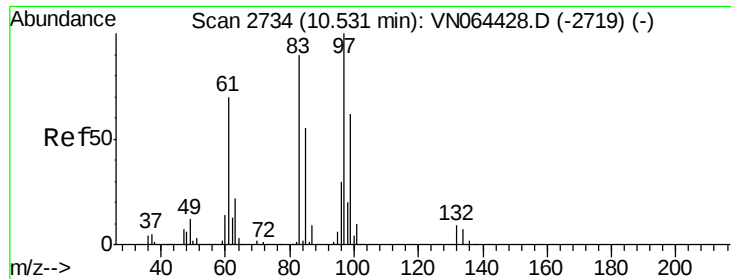
Tot Ion: 98 Resp: 648453
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 23.1 28.4 42.6#

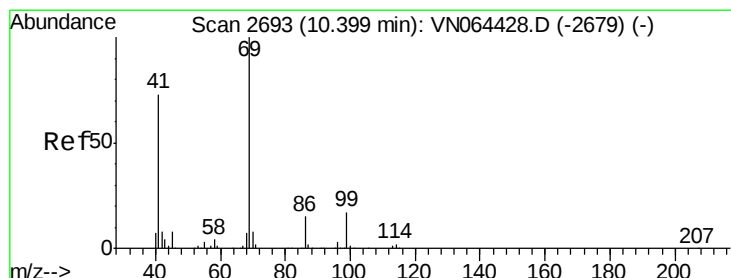
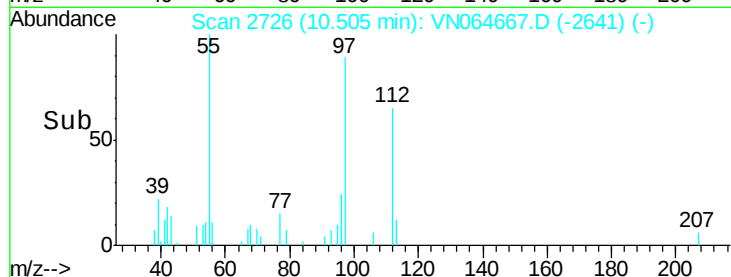
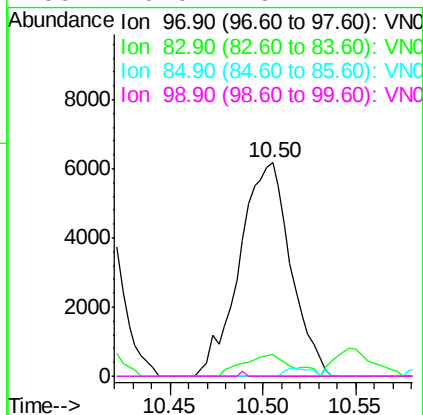
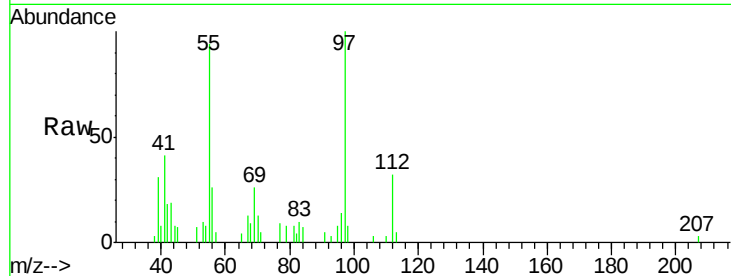




#55
 1,1,2-Trichloroethane
 Concen: 3.247 ug/l
 RT: 10.50 min Scan# 2726
 Delta R.T. -0.03 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

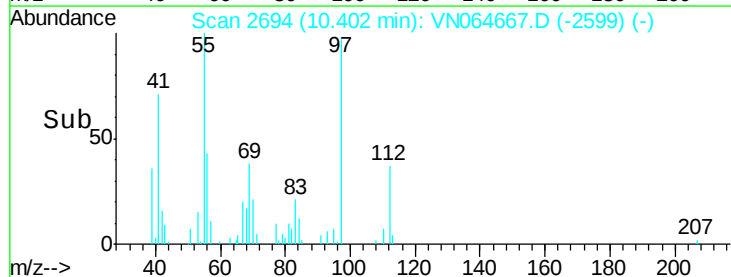
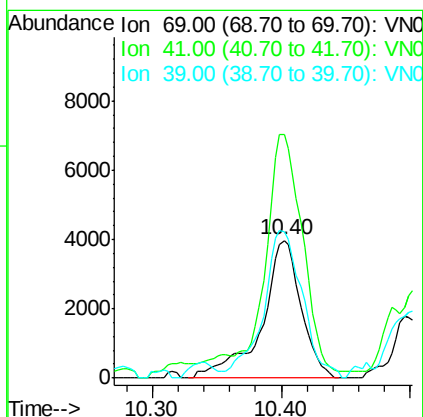
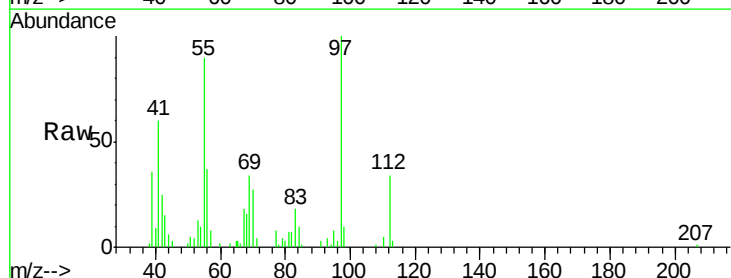
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

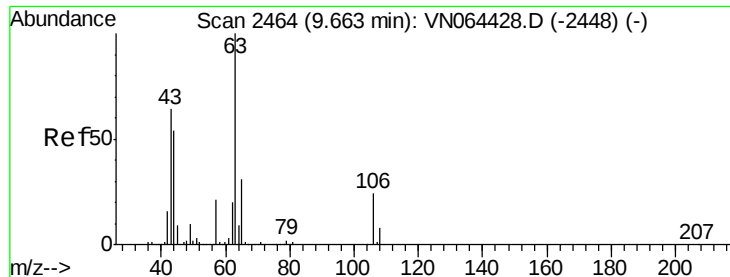
Tot Ion: 97 Resp: 11867
 Ion Ratio Lower Upper
 97 100
 83 10.0 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 3.190 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Tgt Ion: 69 Resp: 8421
 Ion Ratio Lower Upper
 69 100
 41 163.2 59.3 88.9#
 39 107.5 35.4 53.0#

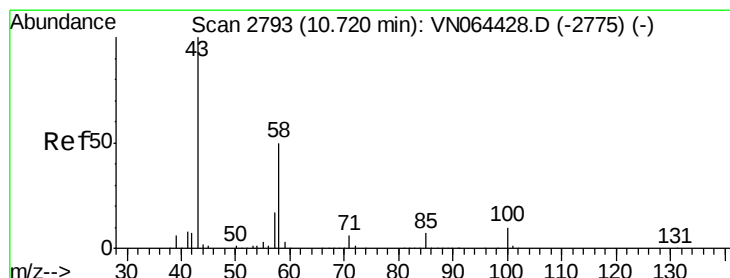
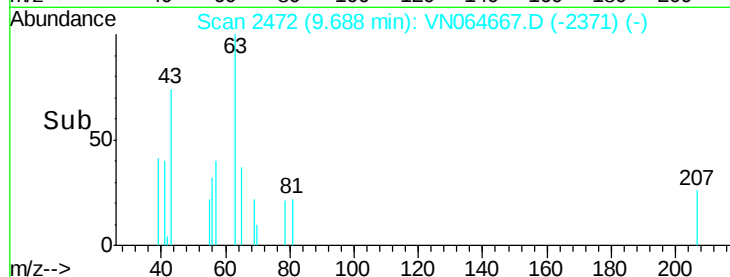
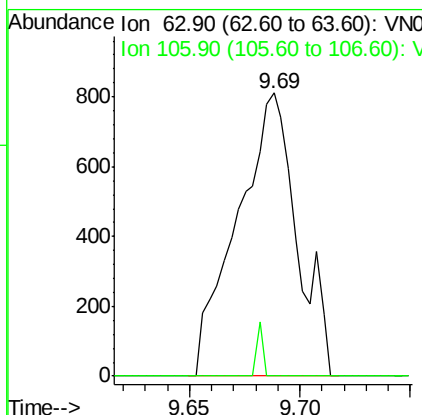
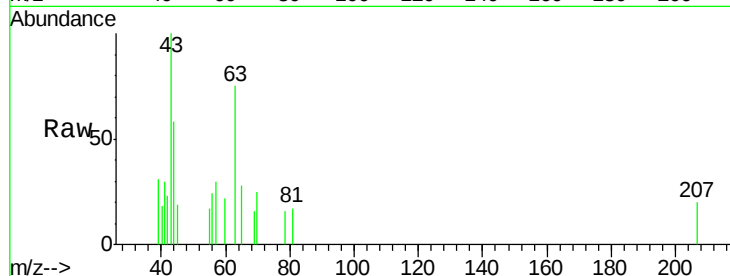




#58
 2-Chloroethyl Vinyl ether
 Concen: 22.027 ug/l
 RT: 9.69 min Scan# 2472
 Delta R.T. 0.03 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

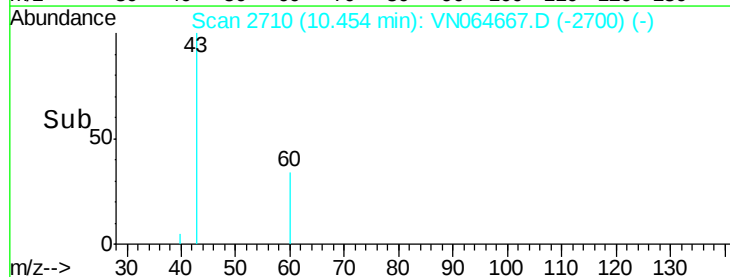
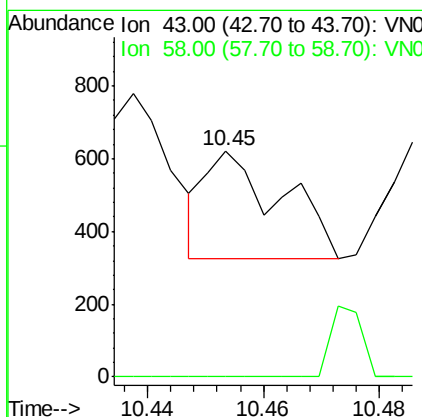
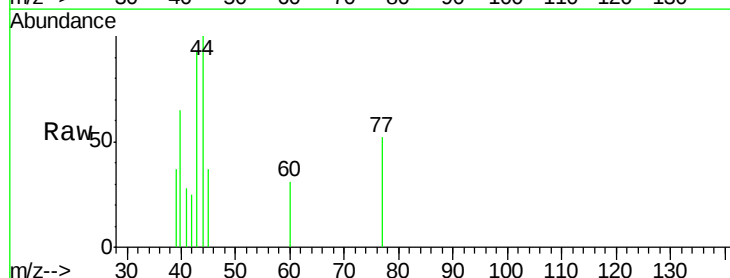
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

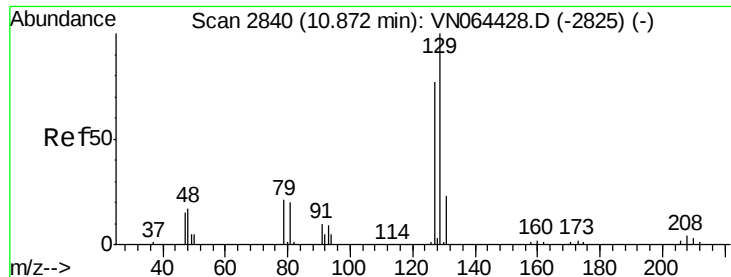
Tot Ion: 63 Resp: 1521
 Ion Ratio Lower Upper
 63 100
 106 2.0 19.5 29.3#



#59
 2-Hexanone
 Concen: 4.093 ug/l
 RT: 10.45 min Scan# 2710
 Delta R.T. -0.27 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 267
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.7 74.1

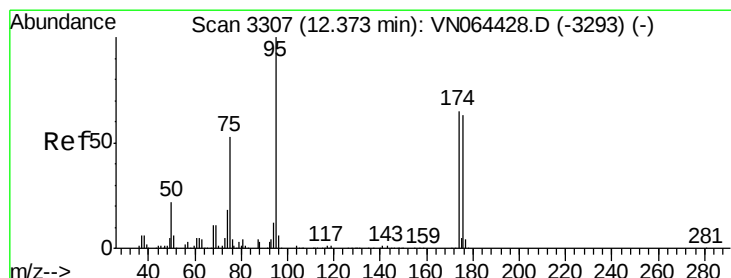
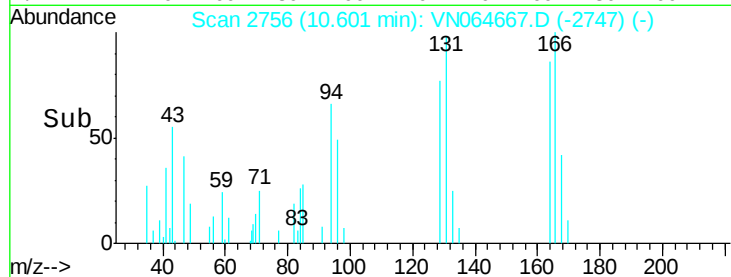
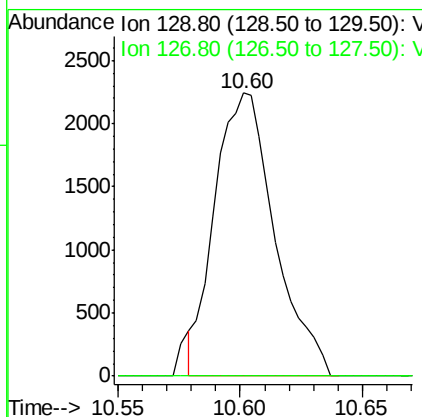
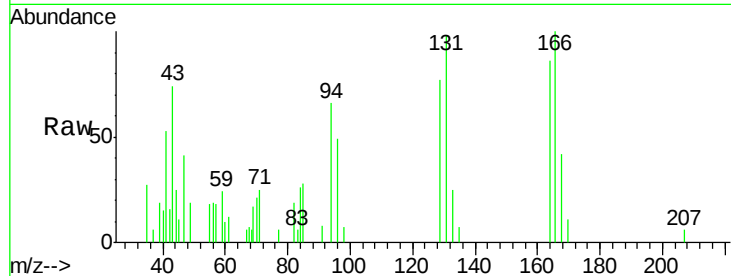




#60
Dibromochloromethane
Concen: 0.938 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

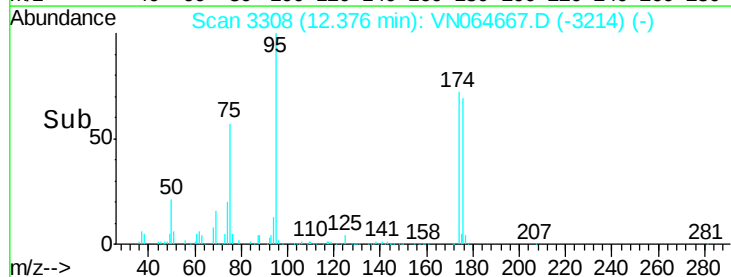
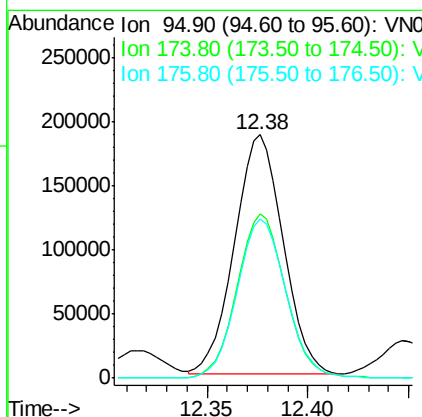
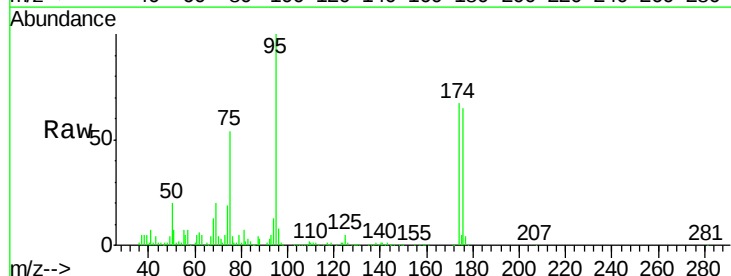
Instrument :
MSVOA_N
ClientSampled :
MW-2

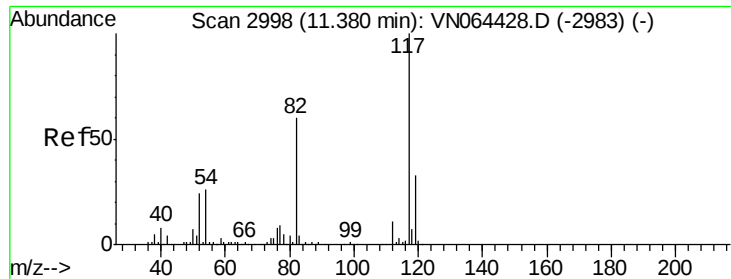
Tot Ion:129 Resp: 3839
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 63.448 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 95 Resp: 312540
Ion Ratio Lower Upper
95 100
174 69.2 0.0 132.6
176 67.4 0.0 129.2

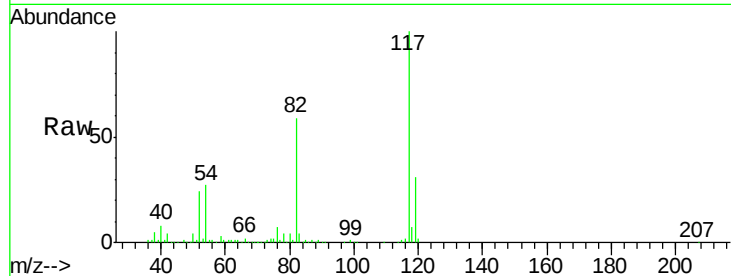




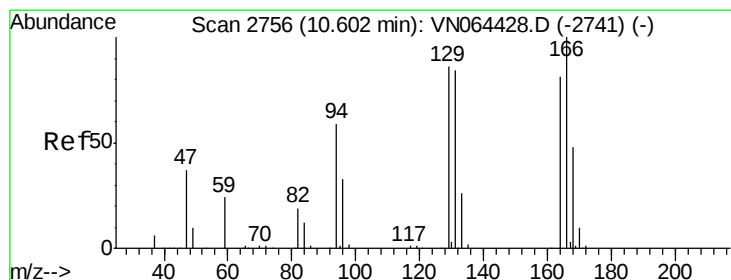
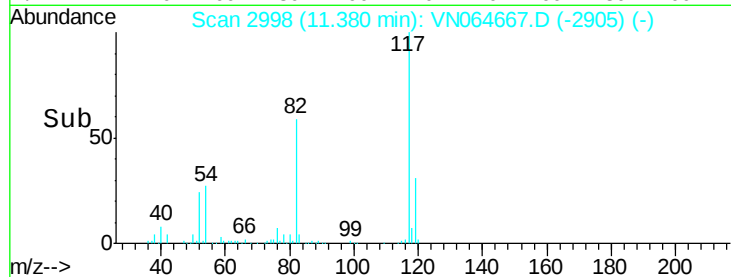
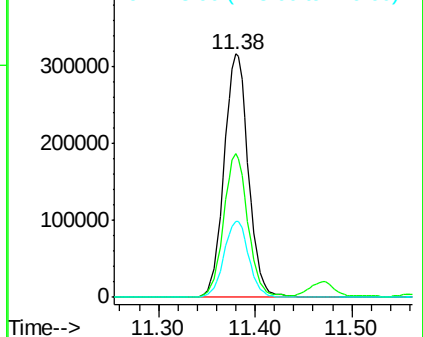
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:117 Resp: 552363
Ion Ratio Lower Upper
117 100
82 59.0 48.1 72.1
119 31.1 26.2 39.4

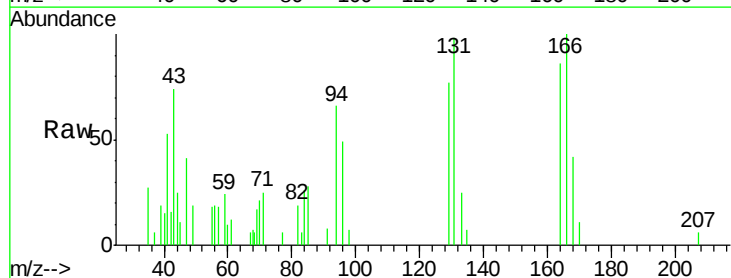


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

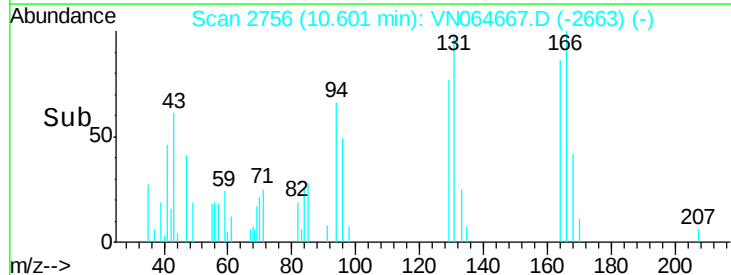
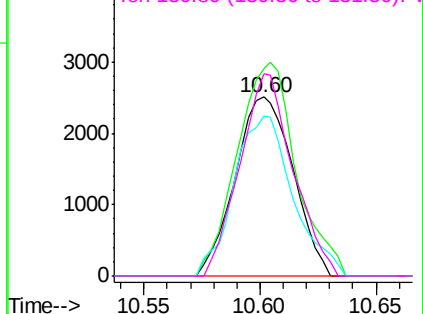


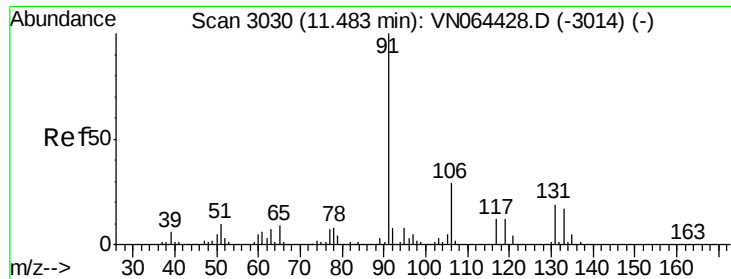
#64
Tetrachloroethene
Concen: 1.018 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion:164 Resp: 4333
Ion Ratio Lower Upper
164 100
166 115.6 98.2 147.2
129 89.4 84.6 127.0
131 113.3 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

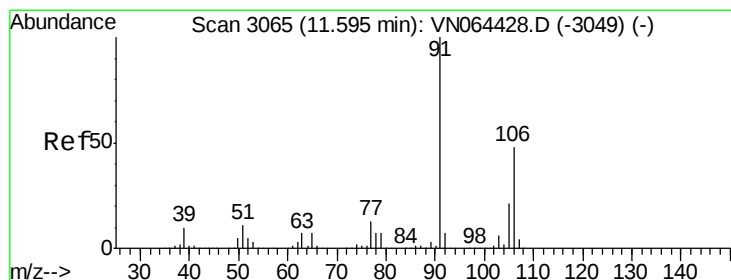
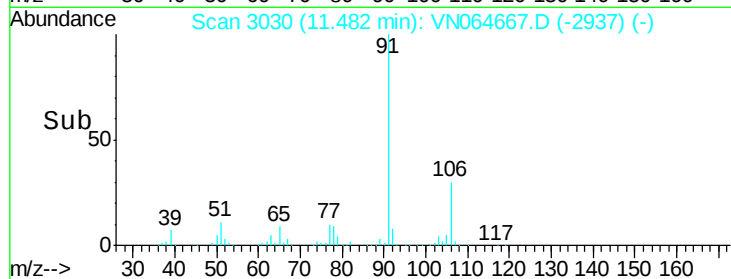
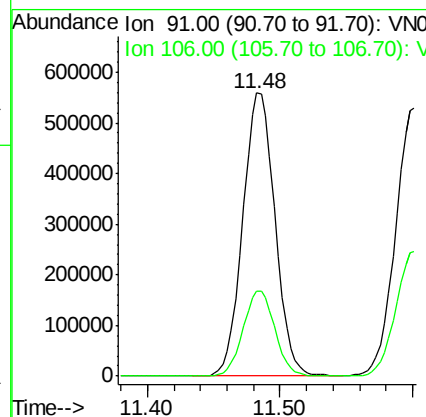
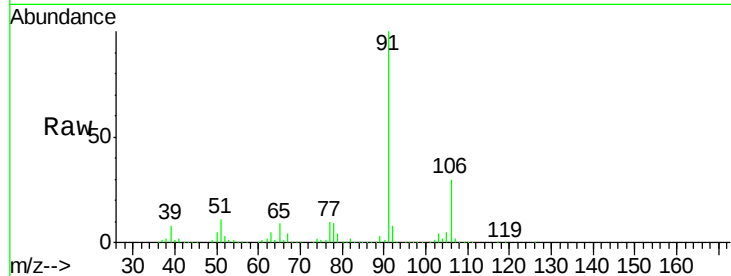




#67
Ethyl Benzene
Concen: 43.806 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

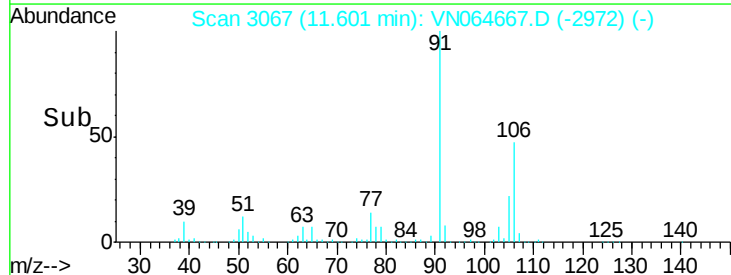
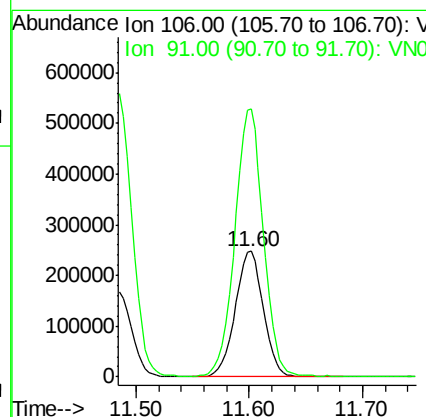
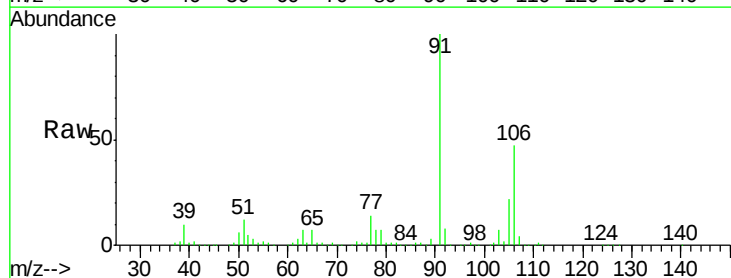
Instrument :
MSVOA_N
ClientSampled :
MW-2

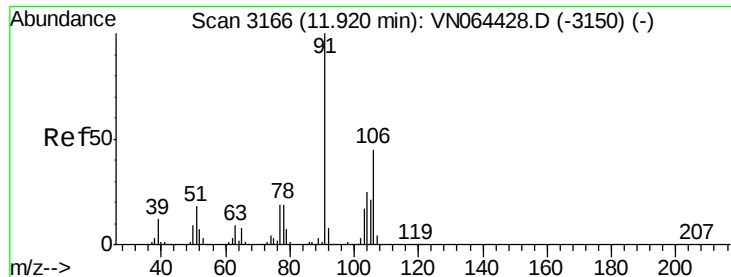
Tot Ion: 91 Resp: 943534
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 54.706 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 106 Resp: 427321
Ion Ratio Lower Upper
106 100
91 216.2 169.4 254.2

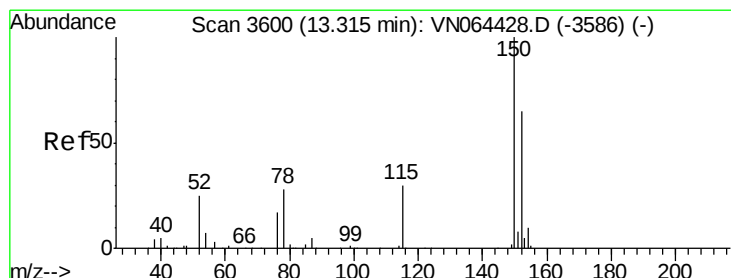
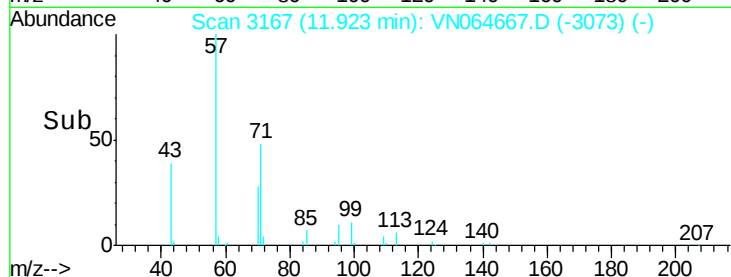
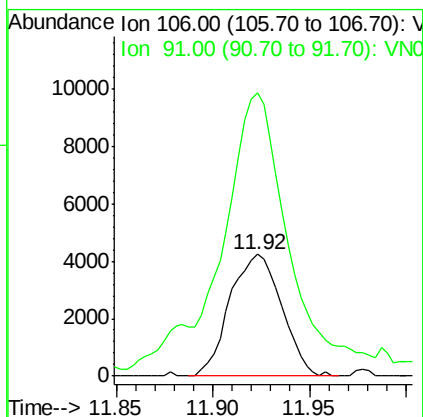
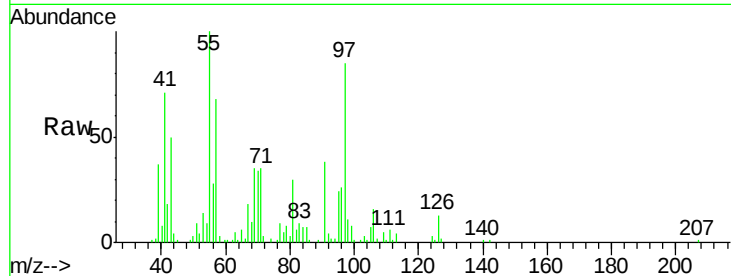




#69
o-Xylene
Concen: 1.050 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

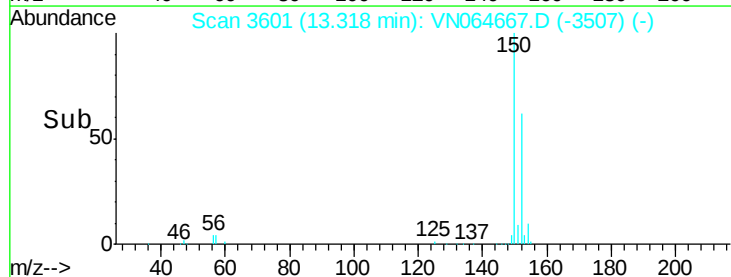
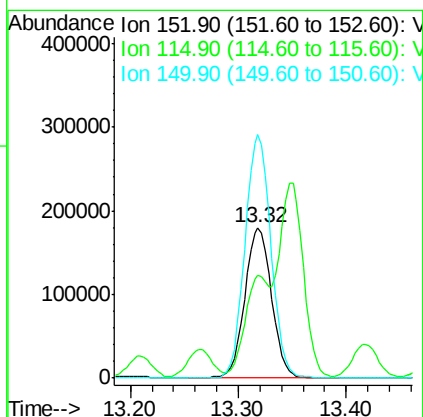
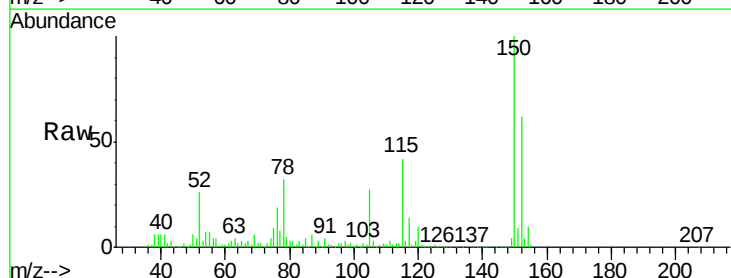
Instrument :
MSVOA_N
ClientSampled :
MW-2

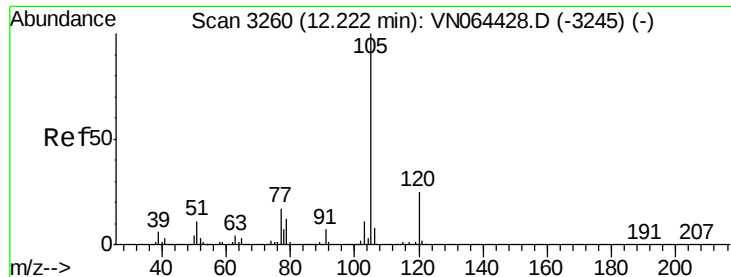
Tot Ion:106 Resp: 7926
Ion Ratio Lower Upper
106 100
91 289.3 111.7 334.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion:152 Resp: 308758
Ion Ratio Lower Upper
152 100
115 54.4 32.0 96.0
150 157.7 0.0 353.8

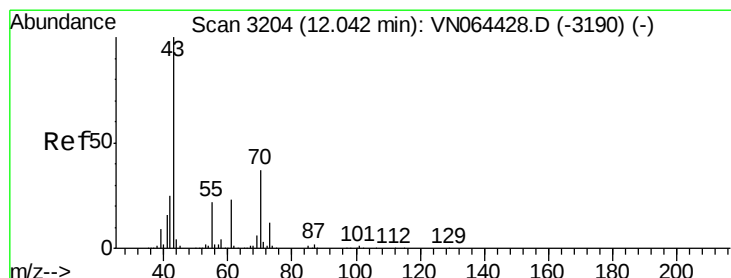
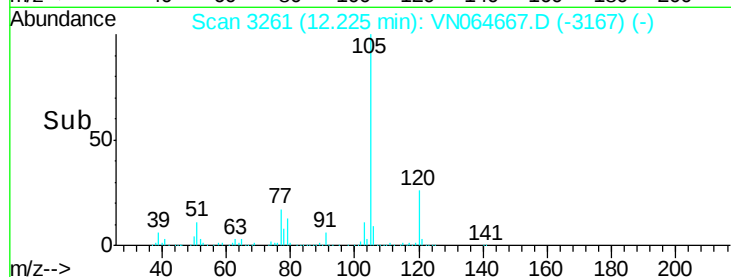
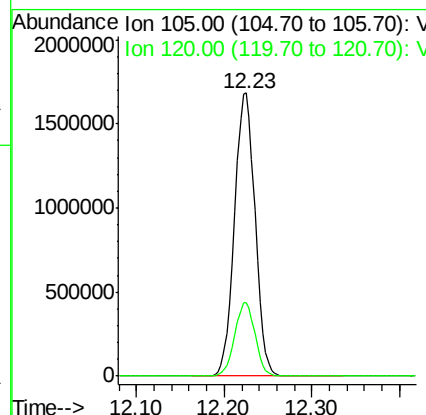
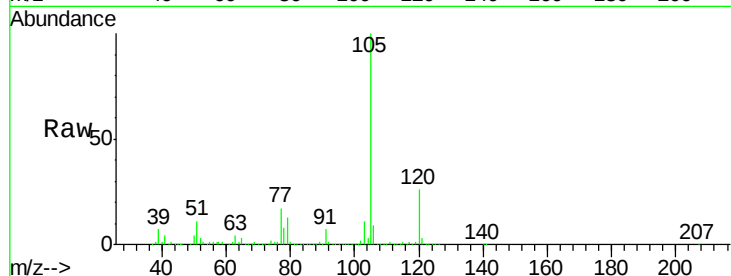




#73
Isopropylbenzene
Concen: 112.079 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

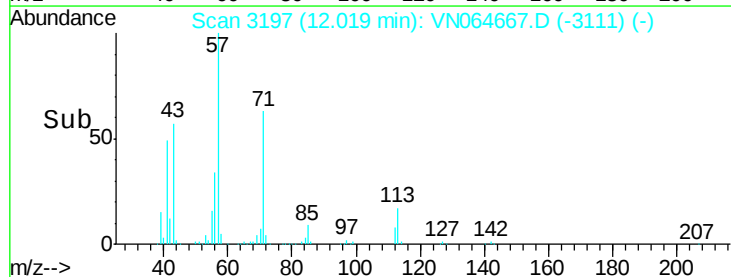
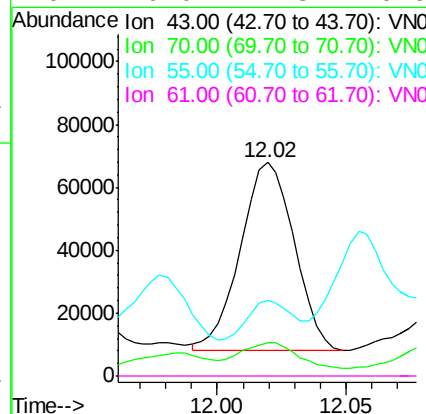
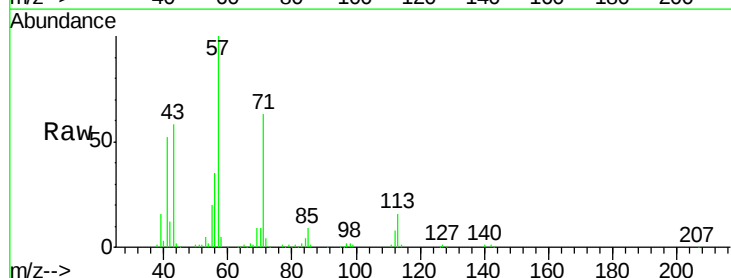
Instrument :
MSVOA_N
ClientSampleId :
MW-2

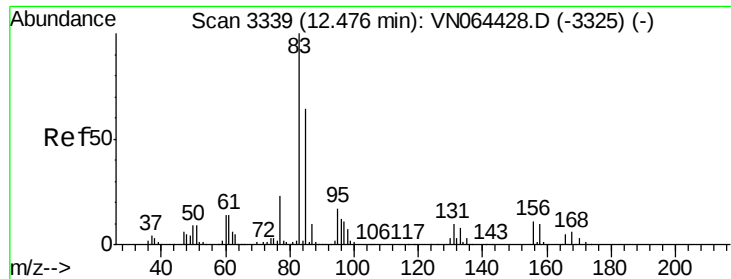
Tot Ion:105 Resp: 2750537
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 8.354 ug/l
RT: 12.02 min Scan# 3197
Delta R.T. -0.02 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 43 Resp: 87098
Ion Ratio Lower Upper
43 100
70 13.8 29.6 44.4#
55 16.4 18.4 27.6#
61 0.0 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.106 ug/l

RT: 12.44 min Scan# 3329

Delta R.T. -0.03 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

MW-2

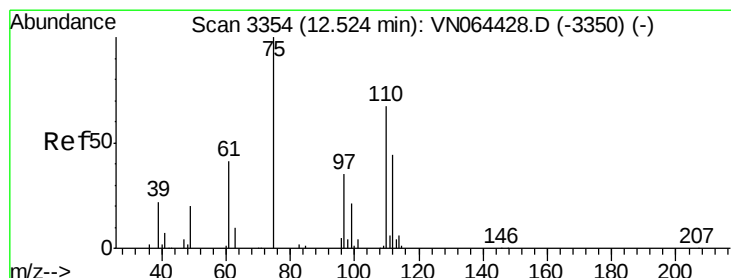
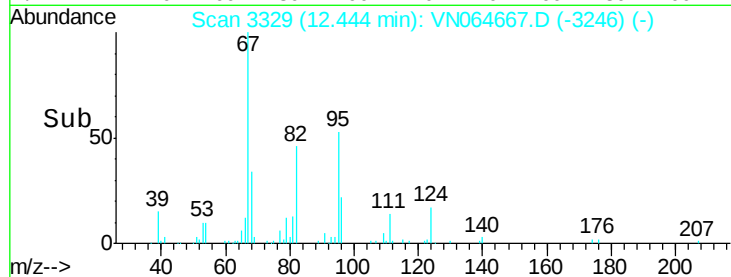
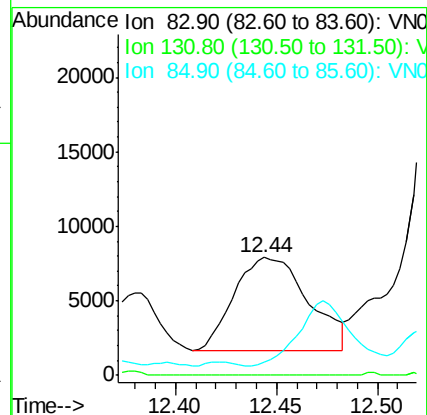
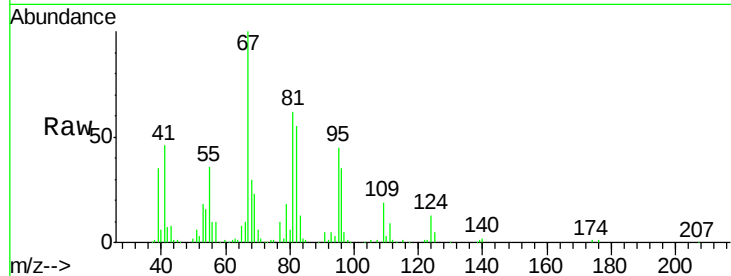
Tot Ion: 83 Resp: 15874

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 5.251 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064667.D

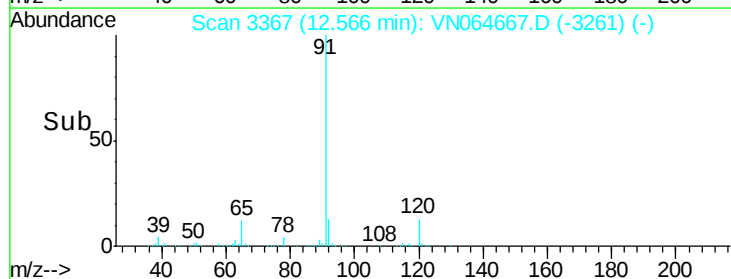
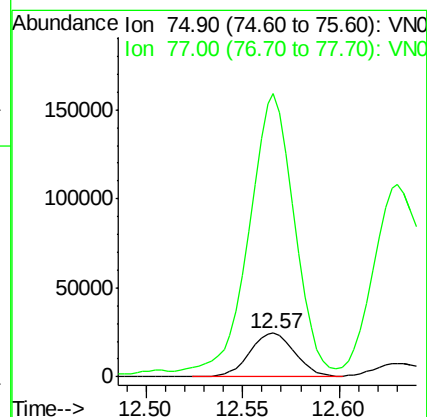
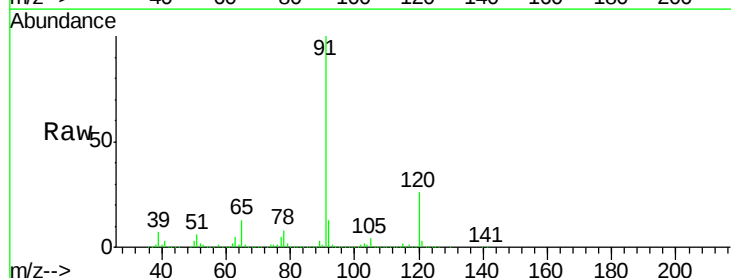
Acq: 16 Nov 2020 18:01

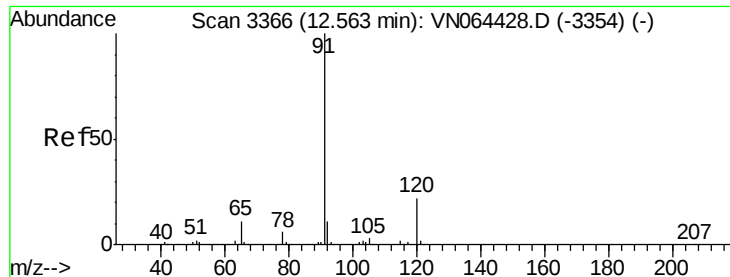
Tgt Ion: 75 Resp: 39281

Ion Ratio Lower Upper

75 100

77 626.3 0.0 0.0#





#78

n-propylbenzene

Concen: 191.896 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

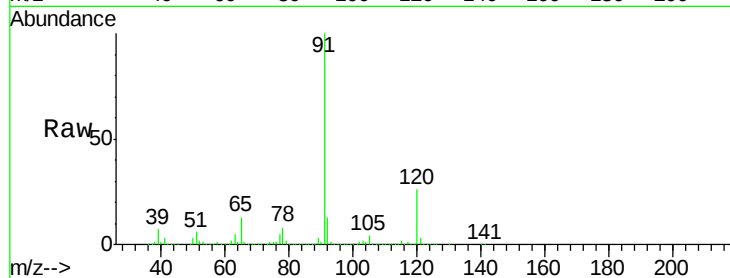
MW-2

Tot Ion: 91 Resp: 5368980

Ion Ratio Lower Upper

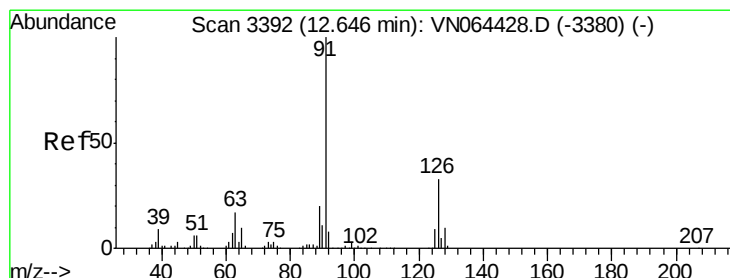
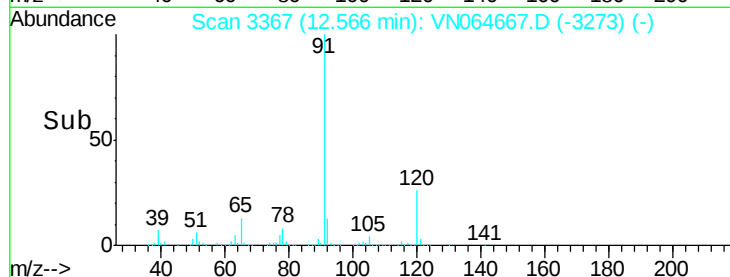
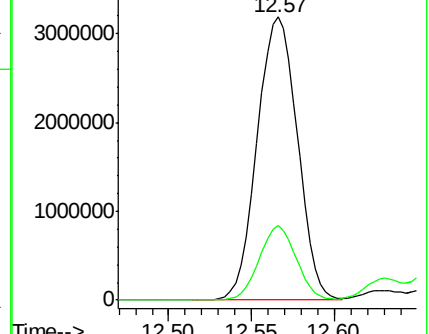
91 100

120 24.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 16.865 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. 0.02 min

Lab File: VN064667.D

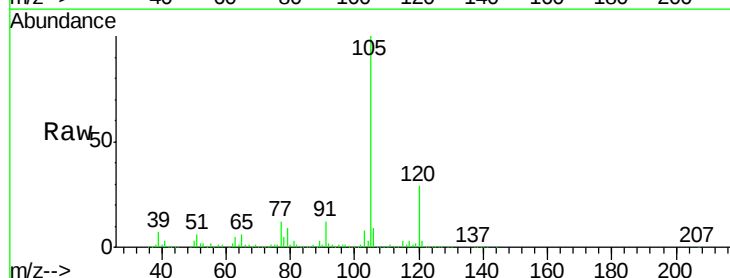
Acq: 16 Nov 2020 18:01

Tgt Ion: 91 Resp: 299270

Ion Ratio Lower Upper

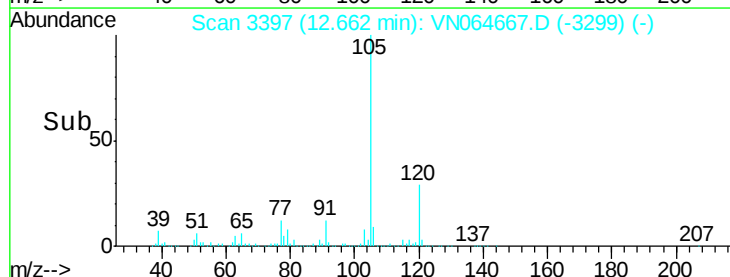
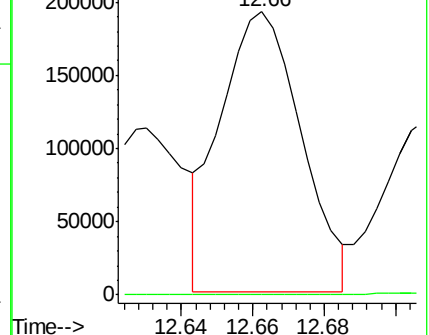
91 100

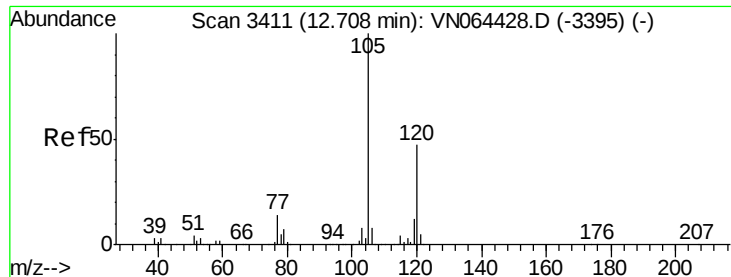
126 0.1 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

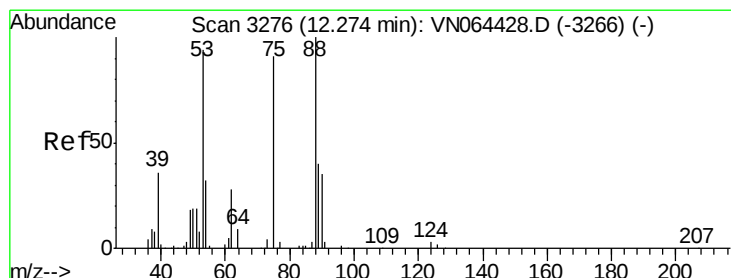
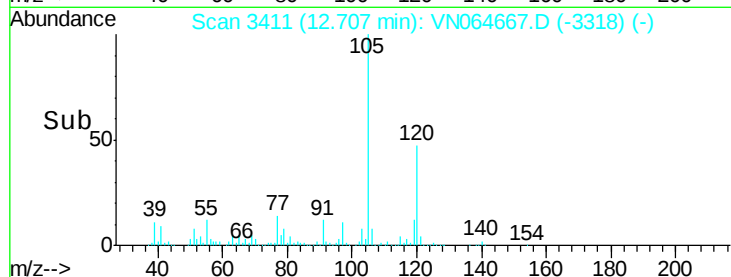
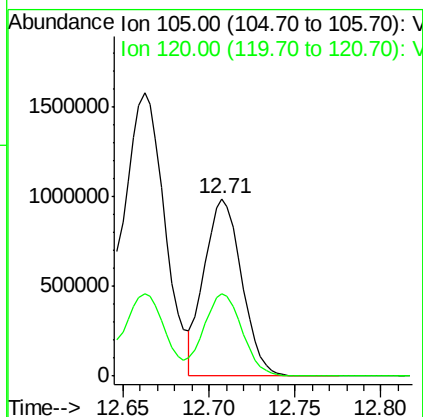
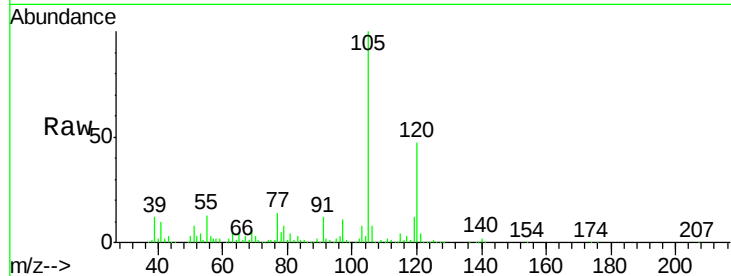




#80
 1,3,5-Trimethylbenzene
 Concen: 74.156 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

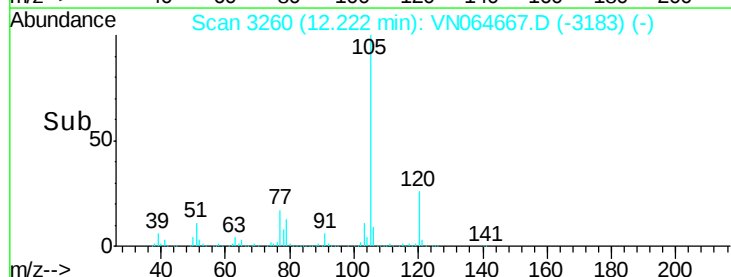
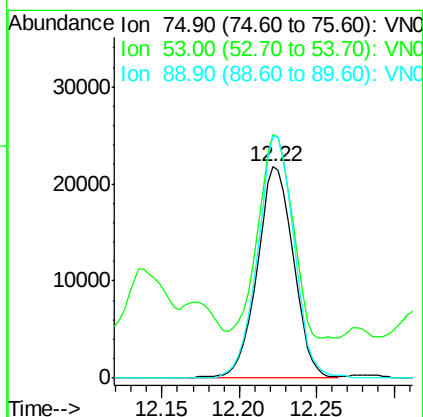
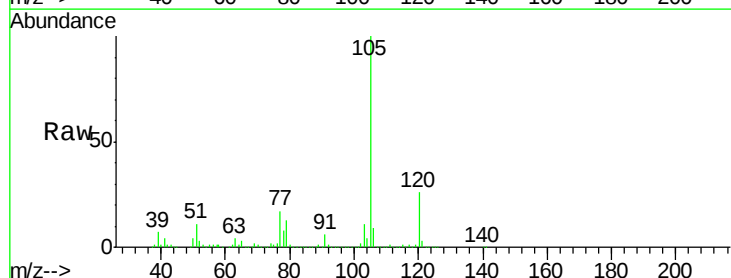
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

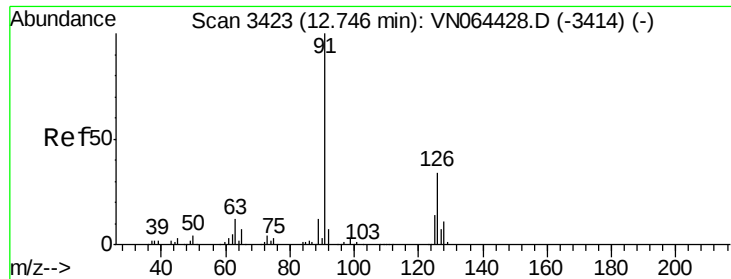
Tot Ion:105 Resp: 1501340
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 13.294 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. -0.05 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Tgt Ion: 75 Resp: 35619
 Ion Ratio Lower Upper
 75 100
 53 90.5 84.0 126.0
 89 114.5 36.3 54.5#





#82

4-Chlorotoluene

Concen: 9.213 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

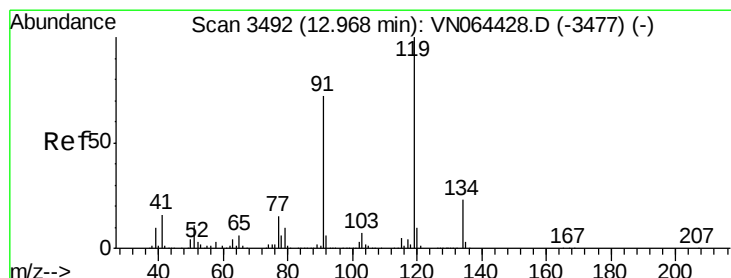
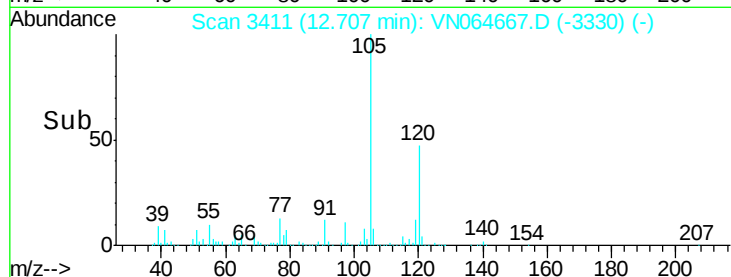
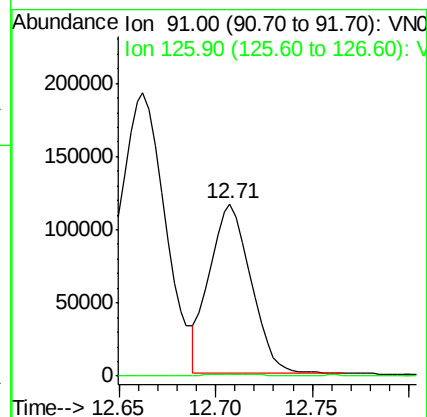
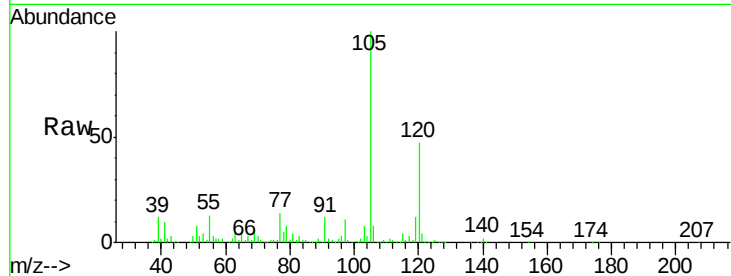
MW-2

Tot Ion: 91 Resp: 171220

Ion Ratio Lower Upper

91 100

126 0.9 15.4 46.2#



#83

tert-Butylbenzene

Concen: 20.559 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

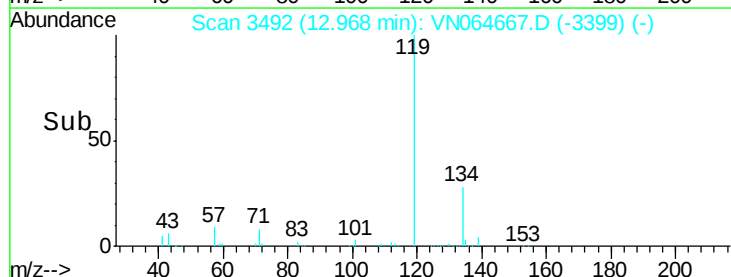
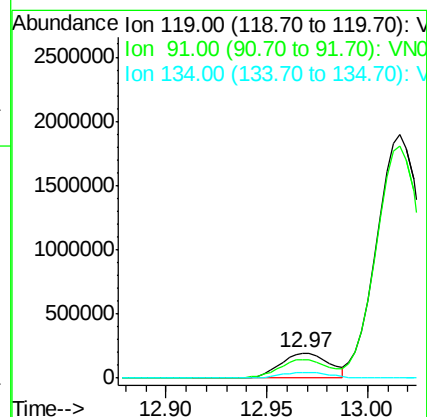
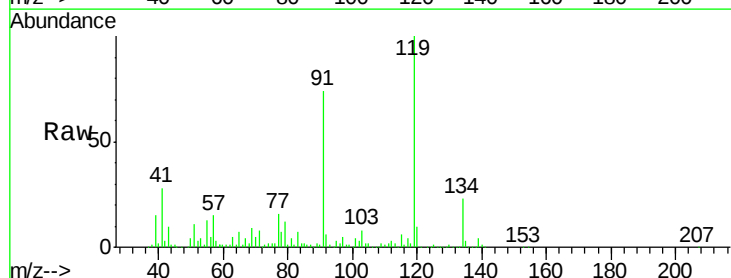
Tgt Ion: 119 Resp: 325086

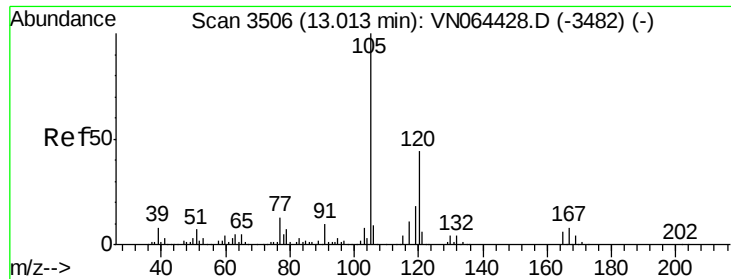
Ion Ratio Lower Upper

119 100

91 71.1 36.1 108.3

134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 552.711 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

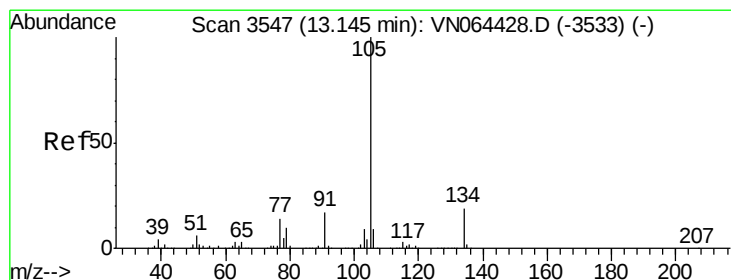
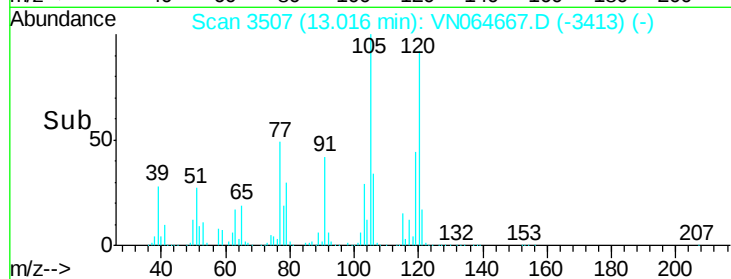
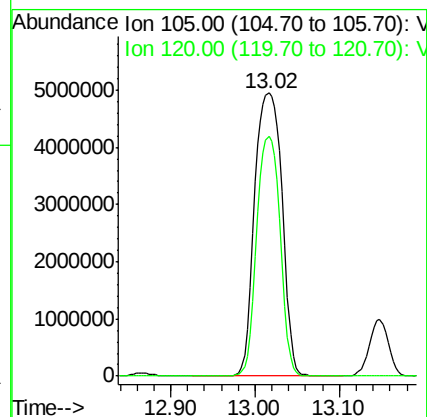
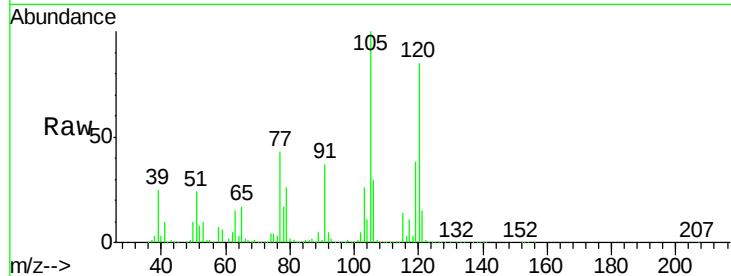
MW-2

Tot Ion:105 Resp:11249047

Ion Ratio Lower Upper

105 100

120 72.3 21.9 65.7#



#85

sec-Butylbenzene

Concen: 77.155 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064667.D

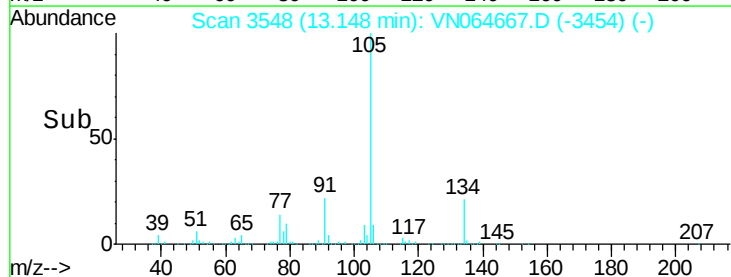
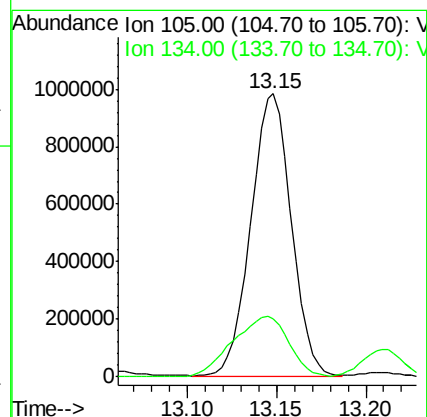
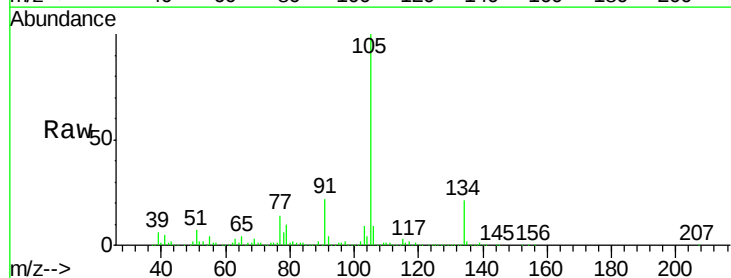
Acq: 16 Nov 2020 18:01

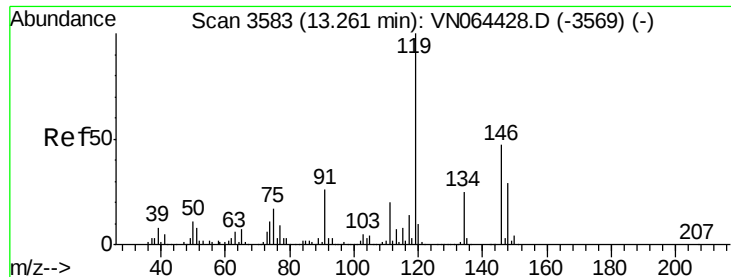
Tgt Ion:105 Resp: 1545072

Ion Ratio Lower Upper

105 100

134 30.0 9.4 28.2#

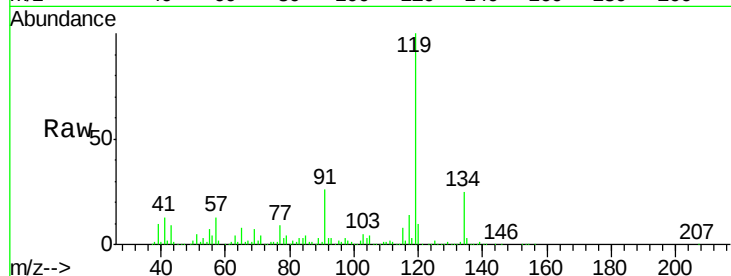




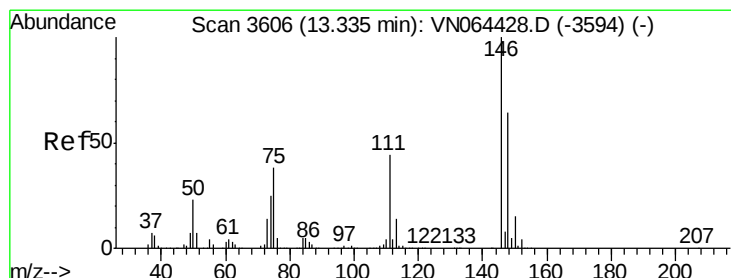
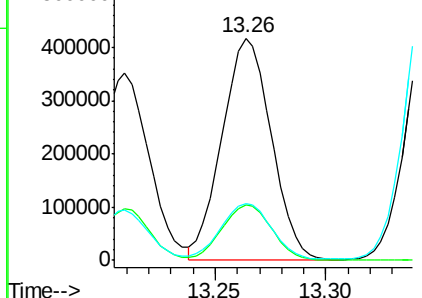
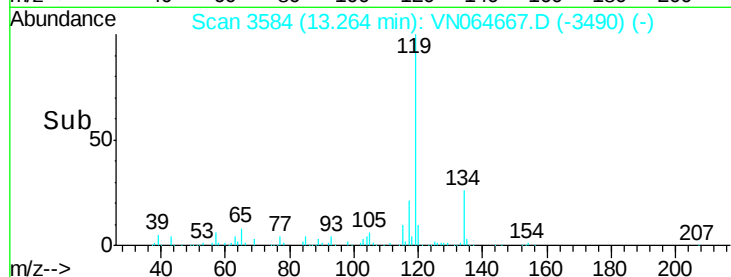
#86
 p-Isopropyltoluene
 Concen: 35.608 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion:119 Resp: 641388
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.9 12.8 38.3

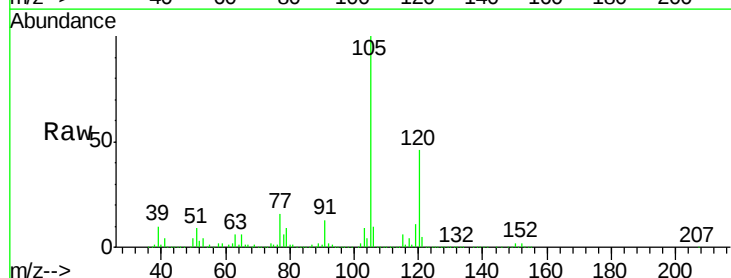


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

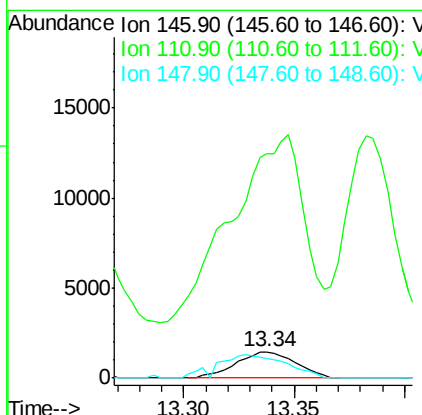
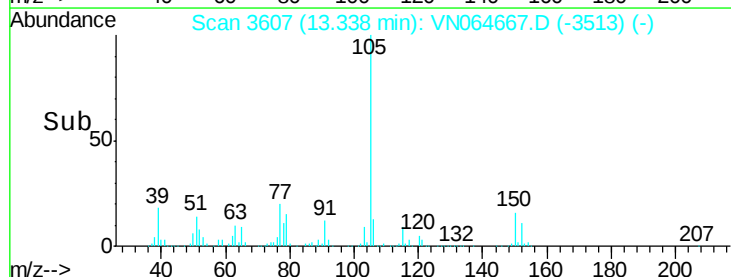


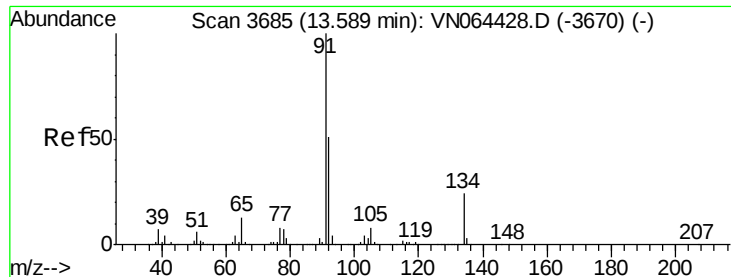
#88
 1,4-Dichlorobenzene
 Concen: 0.255 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064667.D
 Acq: 16 Nov 2020 18:01

Tgt Ion:146 Resp: 2732
 Ion Ratio Lower Upper
 146 100
 111 862.2 21.8 65.3#
 148 102.6 32.4 97.2#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

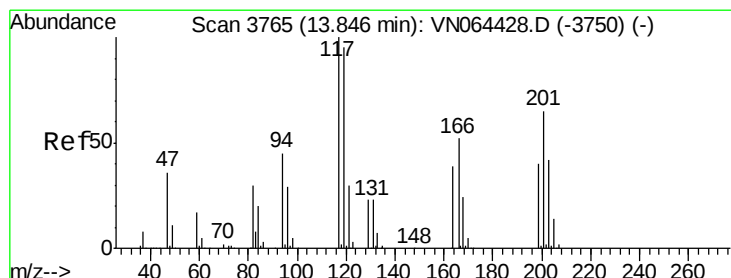
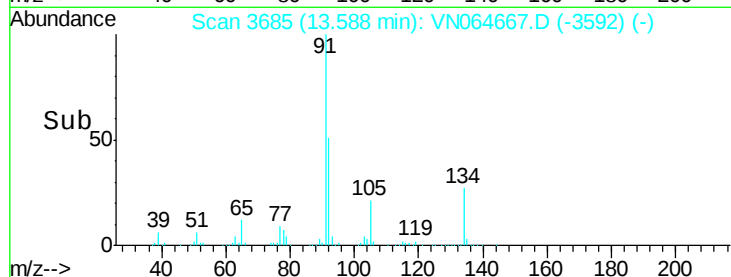
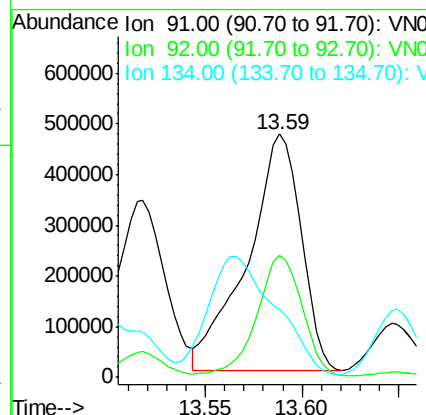
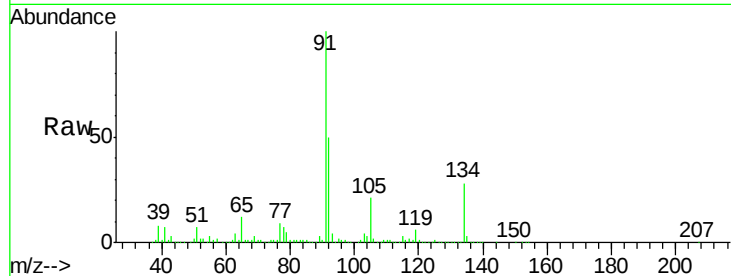




#89
n-Butylbenzene
Concen: 58.401 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

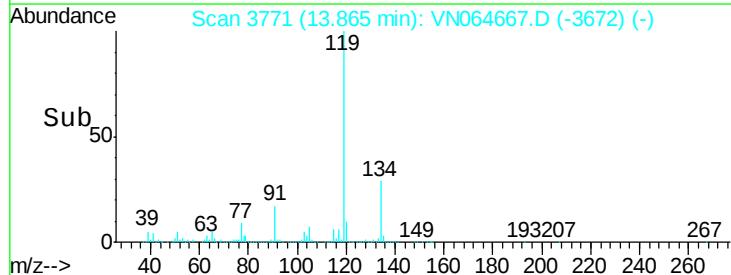
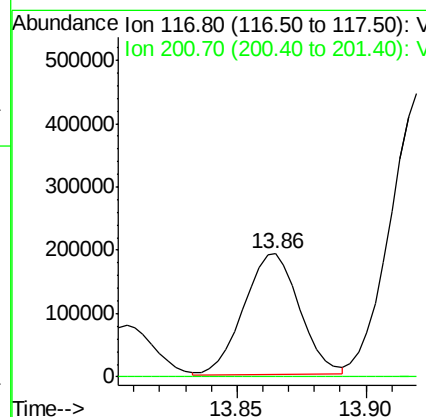
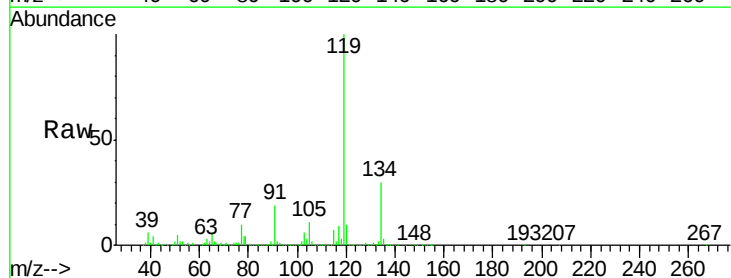
Instrument :
MSVOA_N
ClientSampleId :
MW-2

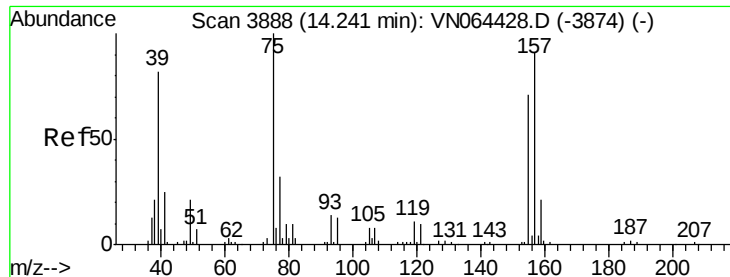
Tot Ion: 91 Resp: 904465
Ion Ratio Lower Upper
91 100
92 43.4 25.3 75.9
134 0.0 11.8 35.4#



#90
Hexachloroethane
Concen: 83.231 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064667.D
Acq: 16 Nov 2020 18:01

Tgt Ion: 117 Resp: 289204
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.940 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

MW-2

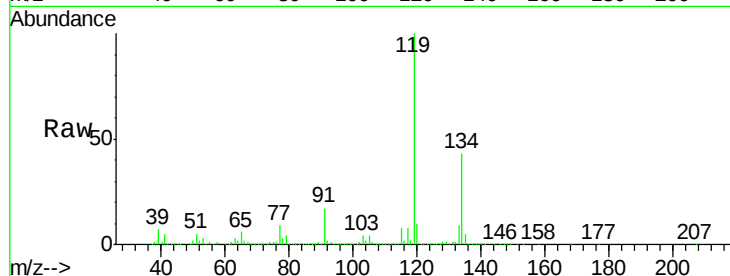
Tot Ion: 75 Resp: 13417

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

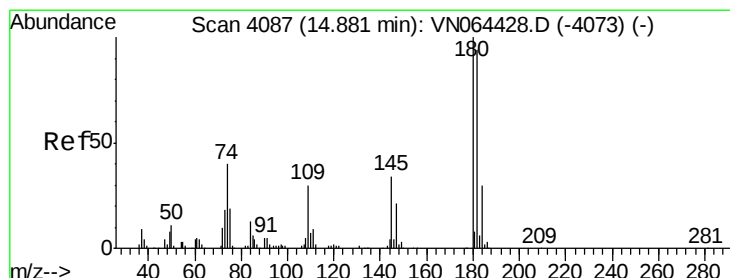
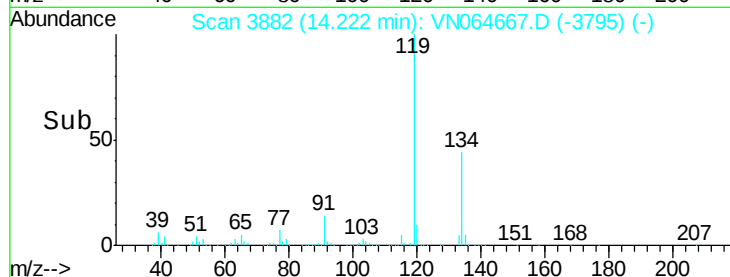
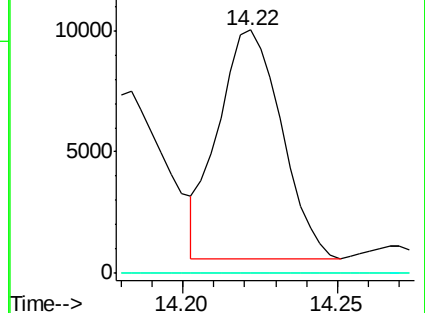
157 0.0 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064428.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064428.D (-3874) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.676 ug/l

RT: 14.90 min Scan# 4093

Delta R.T. 0.02 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

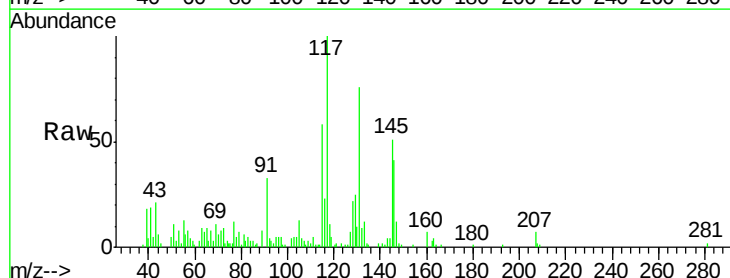
Tgt Ion: 180 Resp: 64

Ion Ratio Lower Upper

180 100

182 243.8 47.3 142.0#

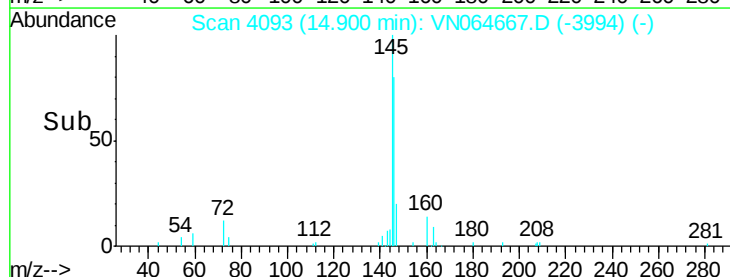
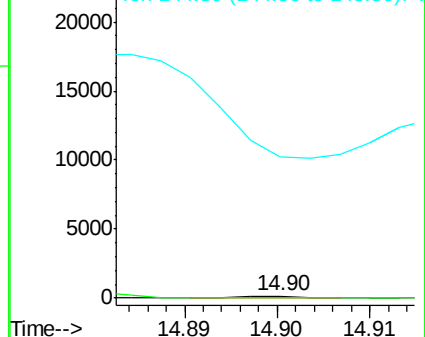
145 63328.1 16.7 50.1#

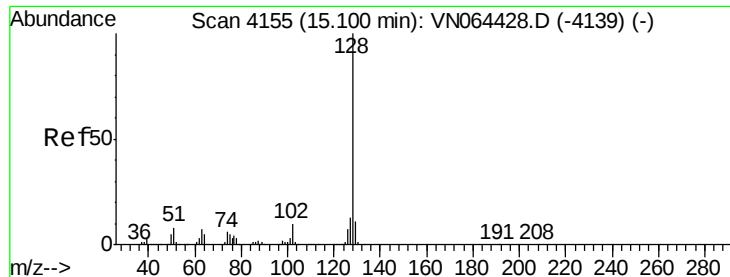


Abundance Ion 179.80 (179.50 to 180.50): VN064428.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN064428.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN064428.D (-4073) (-)





#95

Naphthalene

Concen: 42.346 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

MW-2

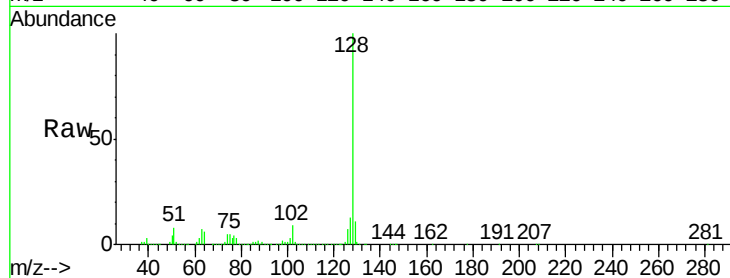
Tot Ion:128 Resp: 706983

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

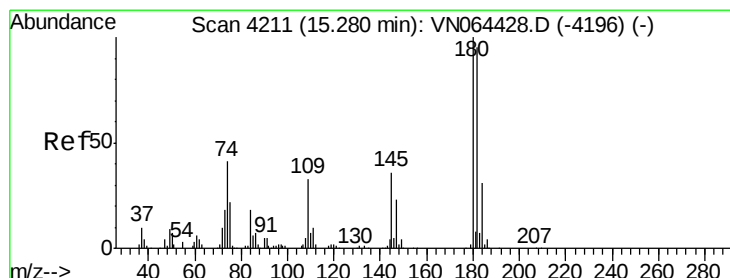
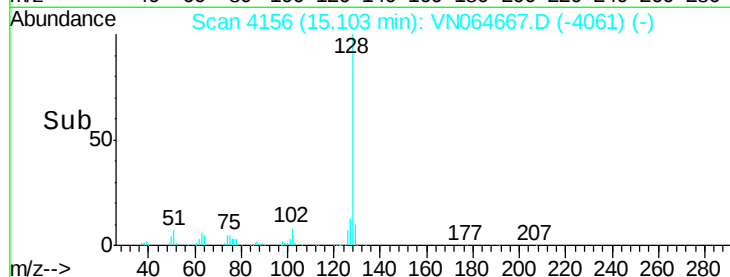
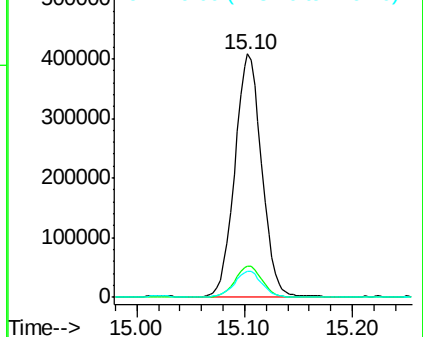
129 10.6 8.8 13.2



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: 2.809 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064667.D

Acq: 16 Nov 2020 18:01

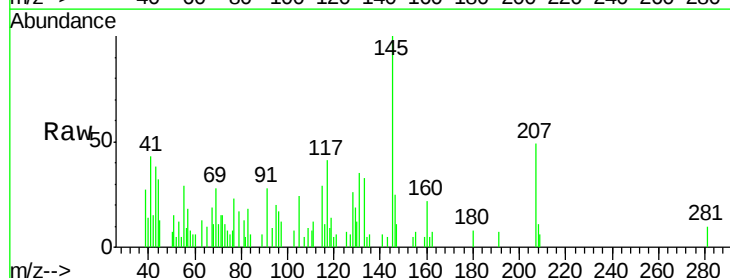
Tgt Ion:180 Resp: 169

Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 7755.0 18.3 54.8#



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

