

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068902.D
 Acq On : 13 Oct 2021 17:13
 Operator : JC/MD
 Sample : M4175-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30784

Quant Time: Oct 14 06:43:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	402892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	656249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	592847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	271329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	232601	43.788	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.580%
35) Dibromofluoromethane	8.018	113	190616	49.924	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	10.443	98	780552	51.094	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.733	95	285956	49.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.220%

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.465	59	2700	2.782	ug/l #	92
13) Acrolein	4.036	56	437	1.018	ug/l #	22
16) Acetone	4.301	43	95217	48.033	ug/l	97
18) Methyl Acetate	4.859	43	2844	0.378	ug/l	91
20) Methylene Chloride	5.060	84	1825	0.400	ug/l #	79
29) Tetrahydrofuran	7.699	42	2174	1.118	ug/l #	83
31) Cyclohexane	8.061	56	69058	8.361	ug/l #	58
36) 1,1-Dichloropropene	8.080	75	30118	5.373	ug/l #	50
38) Carbon Tetrachloride	8.080	117	39646	6.440	ug/l #	15
39) Methylcyclohexane	9.456	83	65324	9.054	ug/l	99
43) Isopropyl Acetate	8.547	43	56025	5.485	ug/l #	55
47) Bromodichloromethane	9.641	83	2246	0.358	ug/l #	25
48) Methyl methacrylate	9.507	41	7492	1.561	ug/l #	20
51) 4-Methyl-2-Pentanone	10.336	43	5444	0.919	ug/l	96
52) Toluene	10.507	92	5736859	522.406	ug/l	99
53) t-1,3-Dichloropropene	10.507	75	69403	9.779	ug/l #	1
55) 1,1,2-Trichloroethane	10.880	97	2732	0.631	ug/l #	14
67) Ethyl Benzene	11.846	91	33803	1.622	ug/l	97
68) m/p-Xylenes	11.953	106	31114	3.939	ug/l	98
69) o-Xylene	12.283	106	18683	2.363	ug/l	98
71) Bromoform	12.733	173	2296	0.653	ug/l #	1
73) Isopropylbenzene	12.581	105	15322	0.678	ug/l	100
74) N-amyl acetate	12.369	43	10697	1.250	ug/l #	44
76) 1,2,3-Trichloropropane	12.733	75	146830	25.433	ug/l #	1
78) n-propylbenzene	12.924	91	60241	2.374	ug/l	99
79) 2-Chlorotoluene	12.985	91	14930	0.954	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.061	105	101667	5.405	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.733	75	146830	60.848	ug/l #	12
82) 4-Chlorotoluene	13.061	91	10524	0.696	ug/l #	42
83) tert-Butylbenzene	13.372	119	39162	2.392	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.372	105	332103	18.323	ug/l	99
85) sec-Butylbenzene	13.503	105	32720	1.443	ug/l	79
86) p-Isopropyltoluene	13.618	119	32407	1.782	ug/l	98
89) n-Butylbenzene	13.943	91	38638	2.551	ug/l #	77
90) Hexachloroethane	14.217	117	8566	2.242	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.584	75	623	0.495	ug/l #	5

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Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

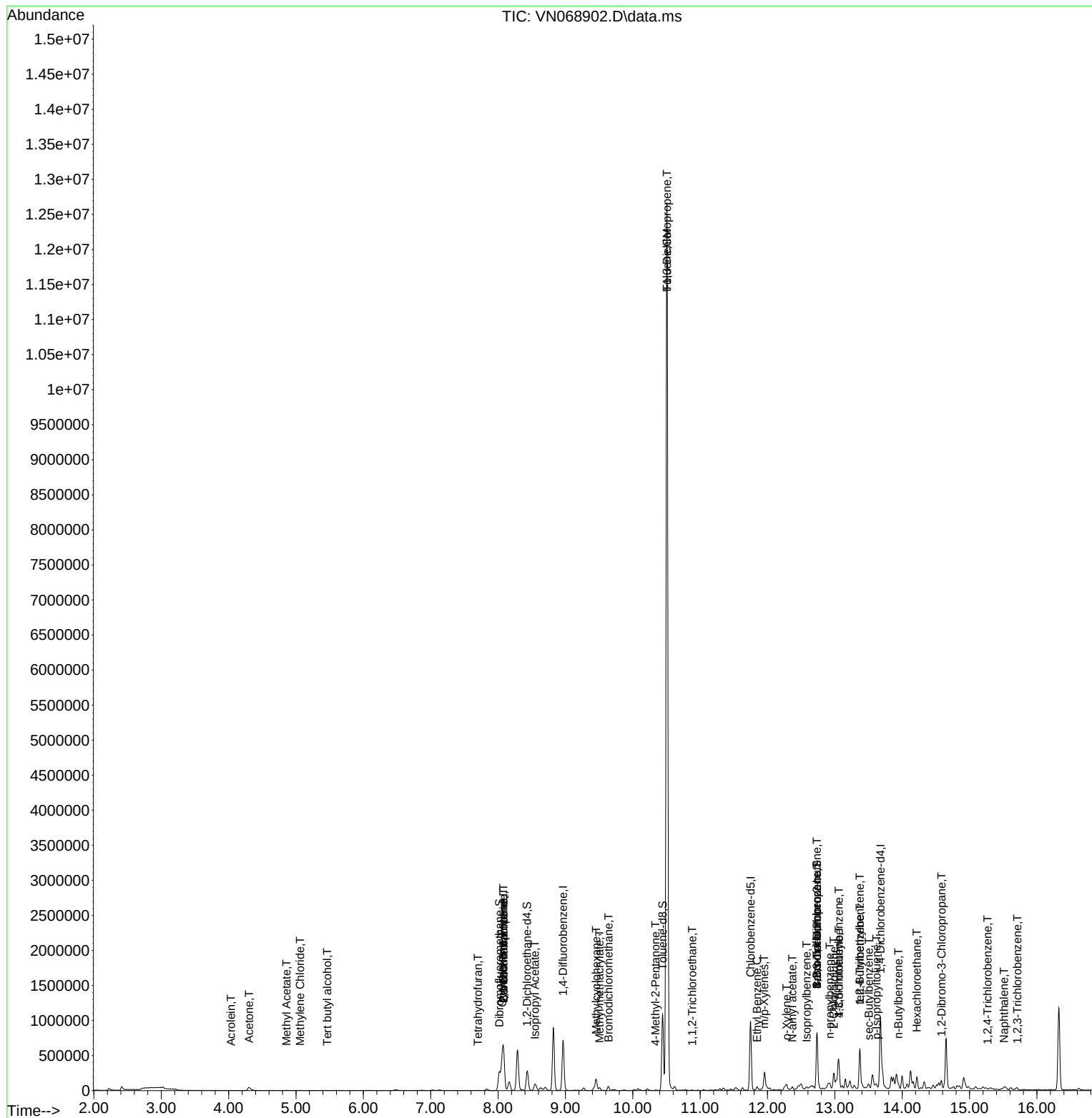
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.268	180	518	2.709	ug/l #	1
95) Naphthalene	15.509	128	20879	5.343	ug/l	97
96) 1,2,3-Trichlorobenzene	15.708	180	596	2.644	ug/l #	78

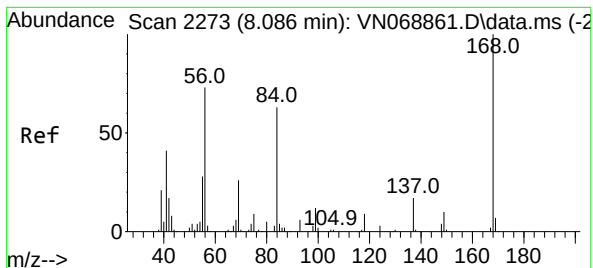
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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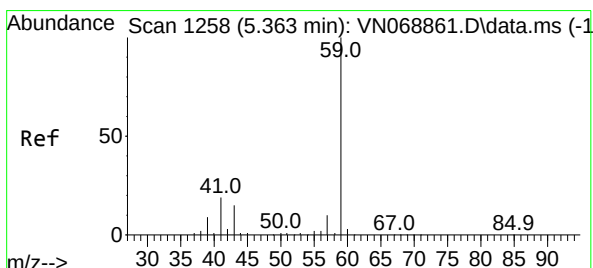
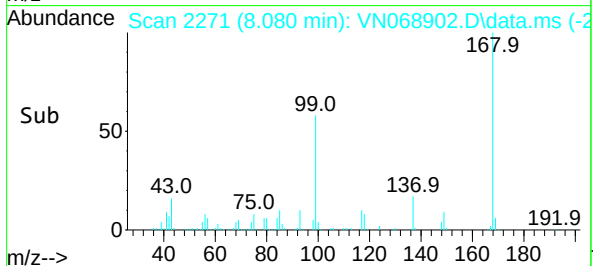
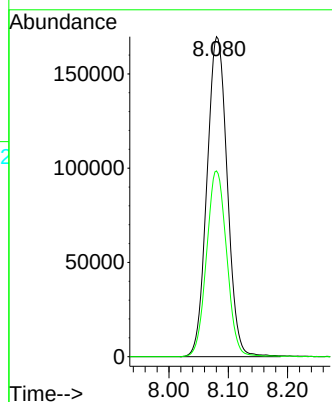
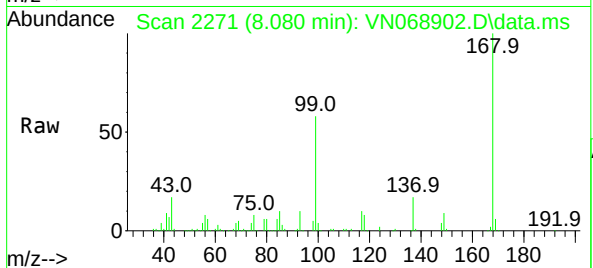




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

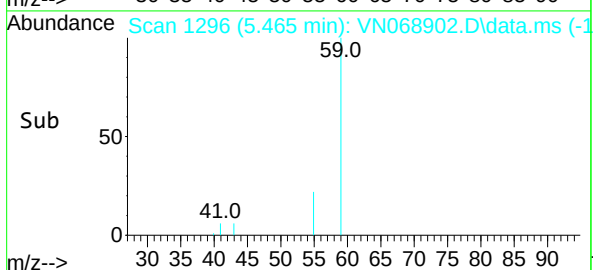
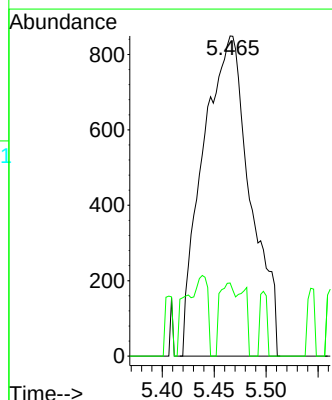
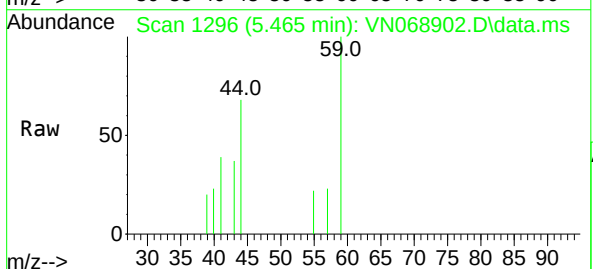
Instrument :
MSVOA_N
ClientSampled :
30784

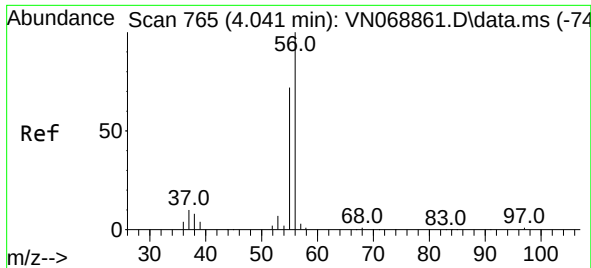
Tgt Ion:168 Resp: 402892
Ion Ratio Lower Upper
168 100
99 58.0 48.9 73.3



#11
Tert butyl alcohol
Concen: 2.782 ug/l
RT: 5.465 min Scan# 1296
Delta R.T. 0.102 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 59 Resp: 2700
Ion Ratio Lower Upper
59 100
57 7.4 8.3 12.5#

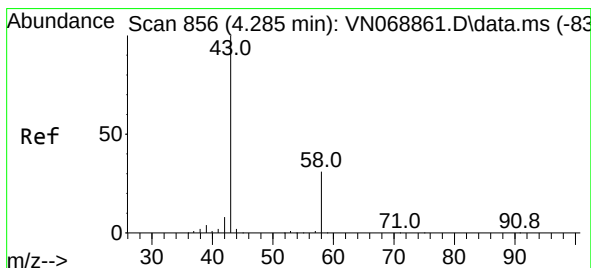
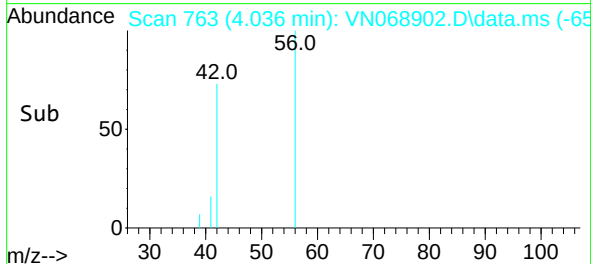
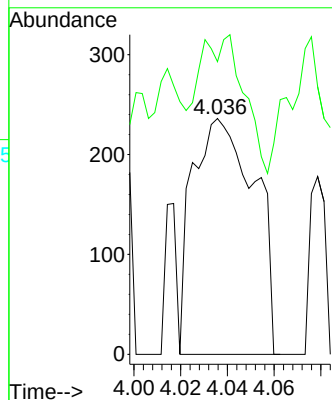
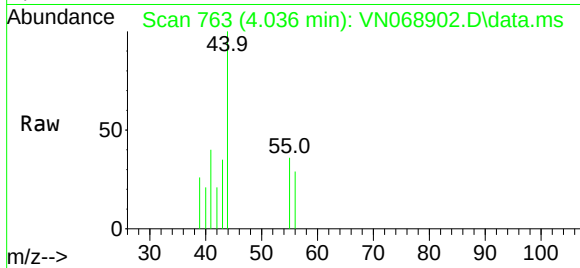




#13
Acrolein
Concen: 1.018 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

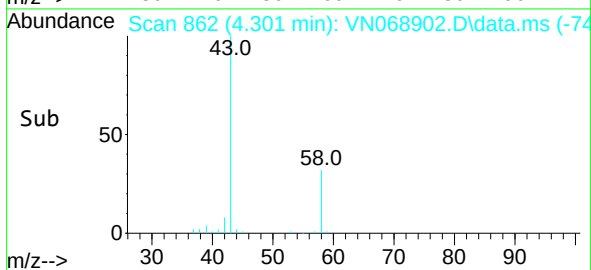
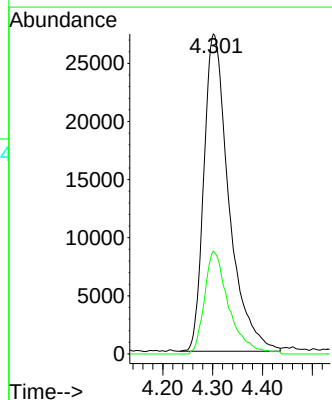
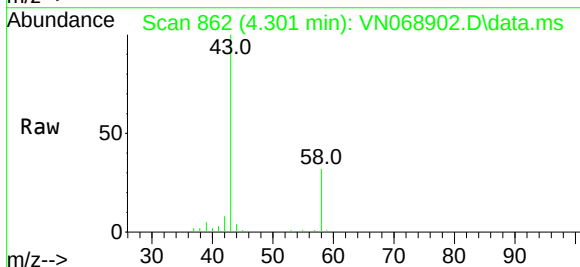
Instrument :
MSVOA_N
ClientSampled :
30784

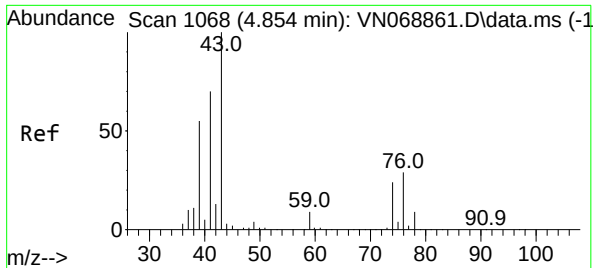
Tgt Ion: 56 Resp: 437
Ion Ratio Lower Upper
56 100
55 7.1 58.1 87.1#



#16
Acetone
Concen: 48.033 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 43 Resp: 95217
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7

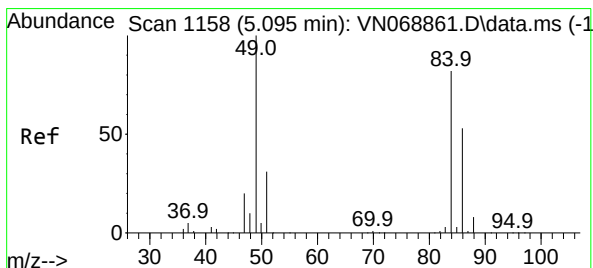
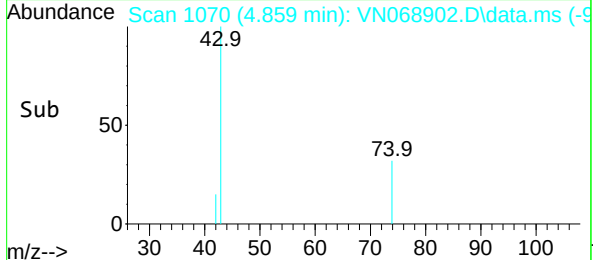
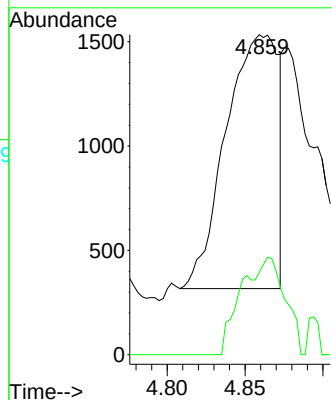
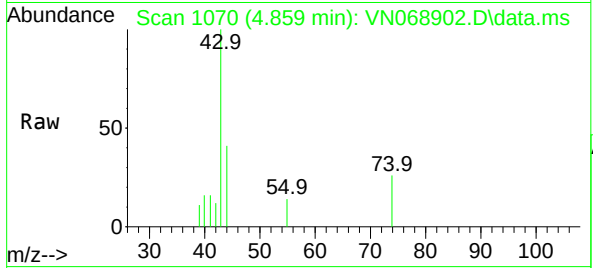




#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

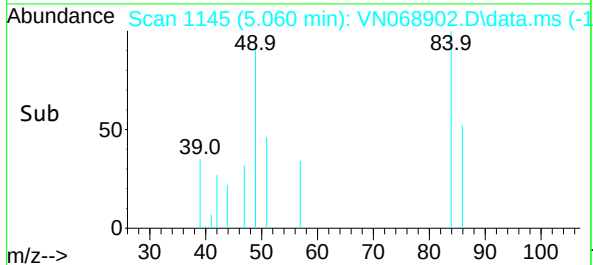
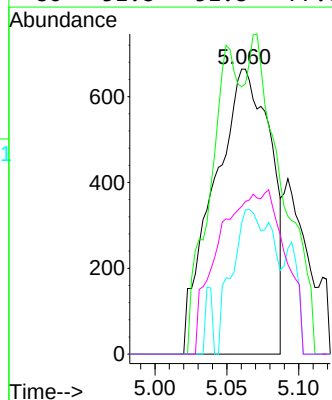
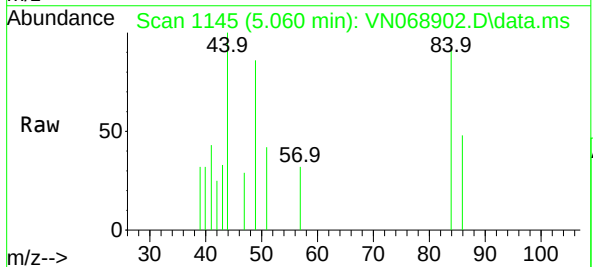
Instrument :
MSVOA_N
ClientSampled :
30784

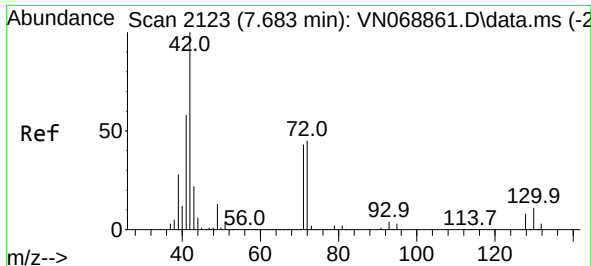
Tgt Ion: 43 Resp: 2844
Ion Ratio Lower Upper
43 100
74 19.1 18.9 28.3



#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 5.060 min Scan# 1145
Delta R.T. -0.035 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 84 Resp: 1825
Ion Ratio Lower Upper
84 100
49 93.8 97.6 146.4#
51 45.9 30.3 45.5#
86 51.8 51.8 77.6





#29

Tetrahydrofuran

Concen: 1.118 ug/l

RT: 7.699 min Scan# 2129

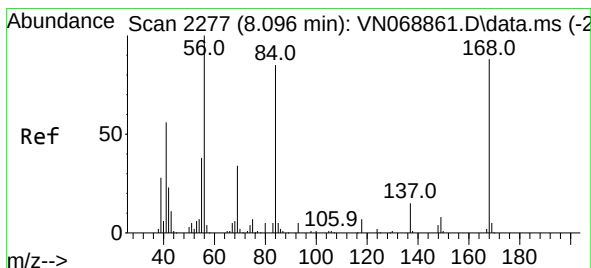
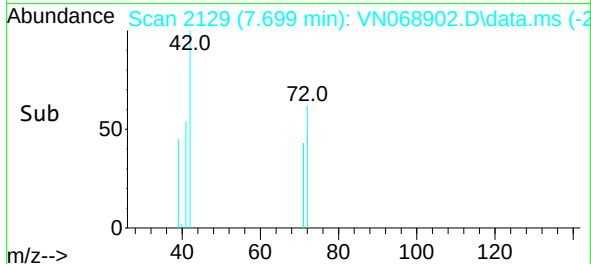
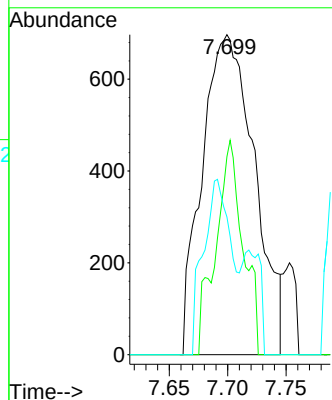
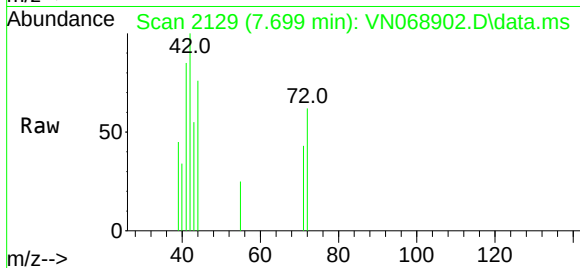
Delta R.T. 0.016 min

Lab File: VN068902.D

Acq: 13 Oct 2021 17:13

Tgt Ion:	42	Resp:	2174
Ion	Ratio	Lower	Upper
42	100		
72	34.8	35.4	53.2#
71	29.4	33.8	50.6#

Instrument :
MSVOA_N
ClientSampled :
30784



#31

Cyclohexane

Concen: 8.361 ug/l

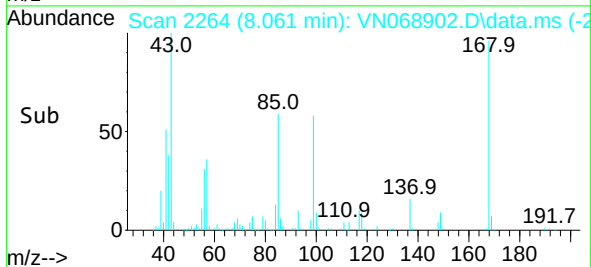
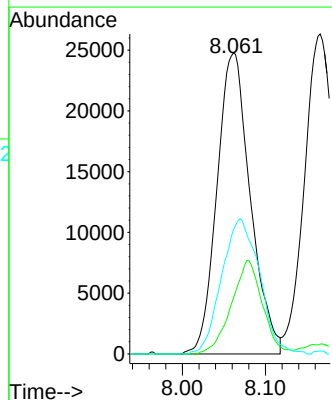
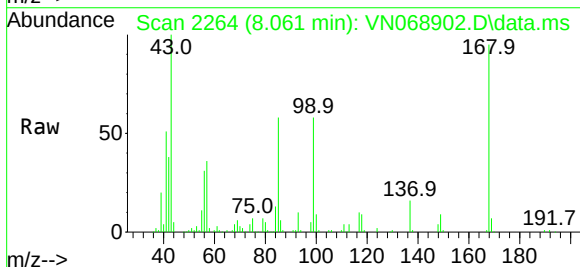
RT: 8.061 min Scan# 2264

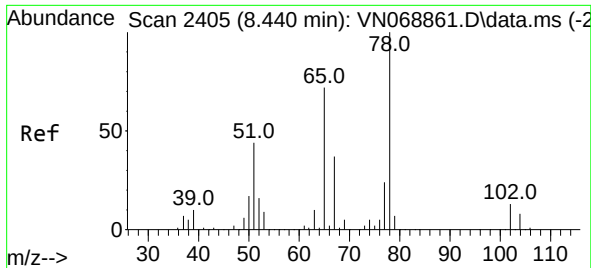
Delta R.T. -0.035 min

Lab File: VN068902.D

Acq: 13 Oct 2021 17:13

Tgt Ion:	56	Resp:	69058
Ion	Ratio	Lower	Upper
56	100		
69	18.4	26.9	40.3#
84	41.2	67.6	101.4#

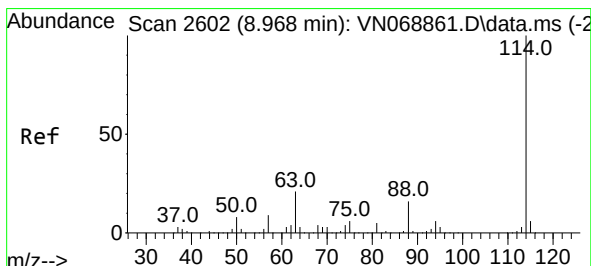
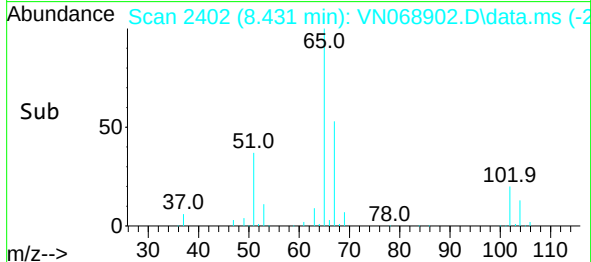
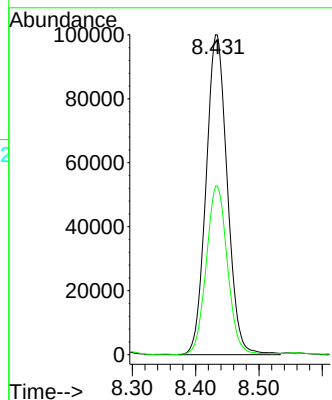
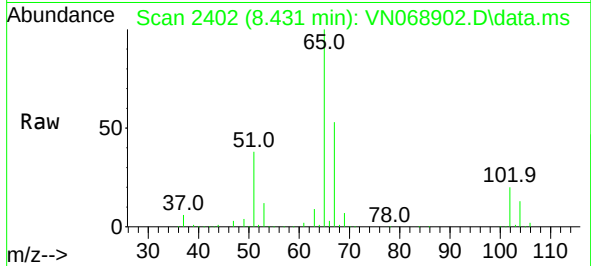




#33
 1,2-Dichloroethane-d4
 Concen: 43.788 ug/l
 RT: 8.431 min Scan# 2402
 Delta R.T. -0.008 min
 Lab File: VN068902.D
 Acq: 13 Oct 2021 17:13

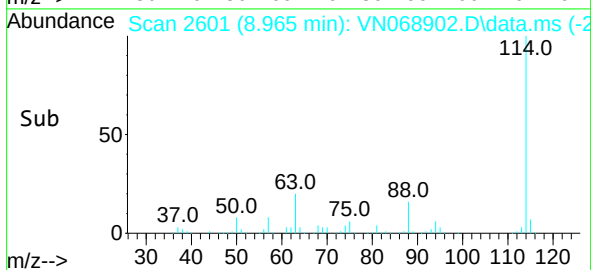
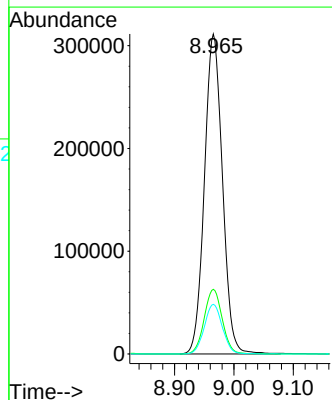
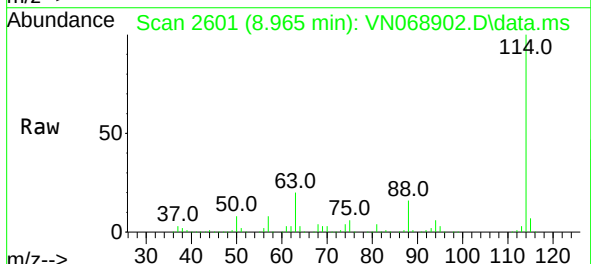
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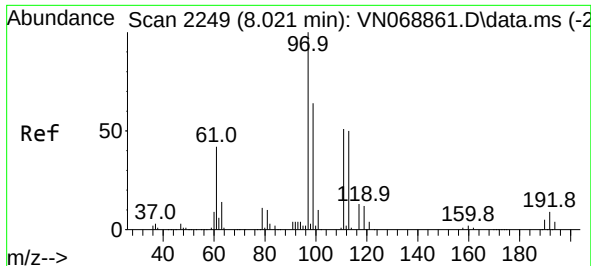
Tgt Ion: 65 Resp: 232601
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN068902.D
 Acq: 13 Oct 2021 17:13

Tgt Ion: 114 Resp: 656249
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.924 ug/l

RT: 8.018 min Scan# 2248

Delta R.T. -0.003 min

Lab File: VN068902.D

Acq: 13 Oct 2021 17:13

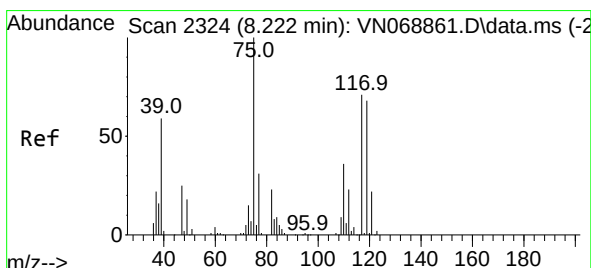
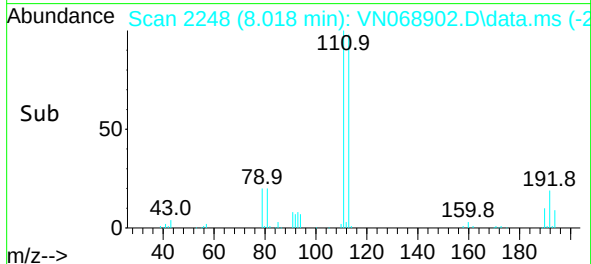
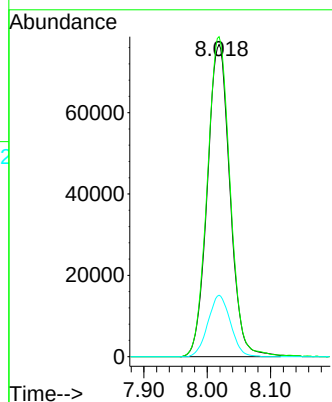
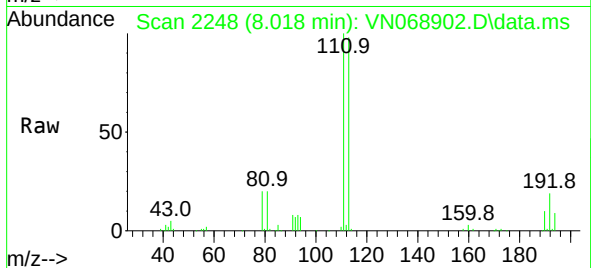
Tgt Ion:113 Resp: 190616

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 19.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.373 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.142 min

Lab File: VN068902.D

Acq: 13 Oct 2021 17:13

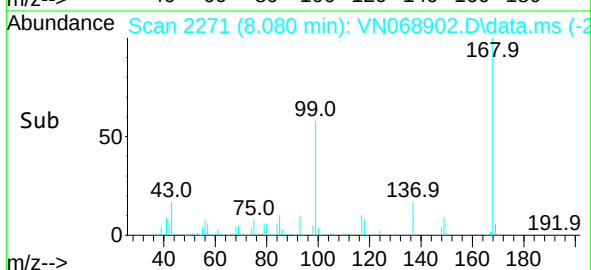
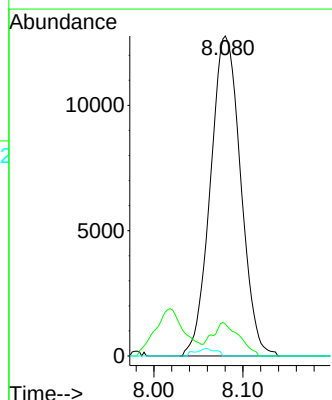
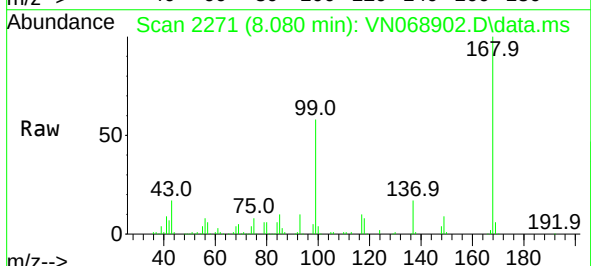
Tgt Ion: 75 Resp: 30118

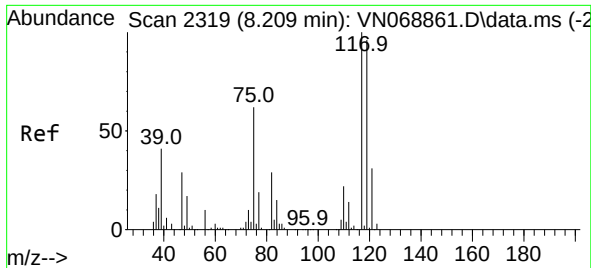
Ion Ratio Lower Upper

75 100

110 9.6 17.9 53.8#

77 0.0 24.7 37.1#

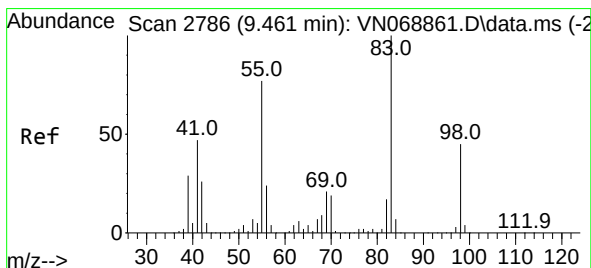
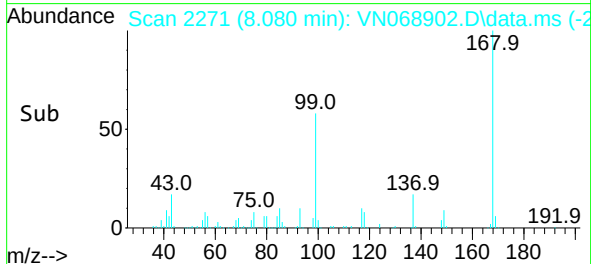
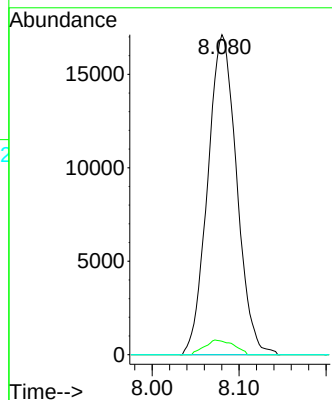
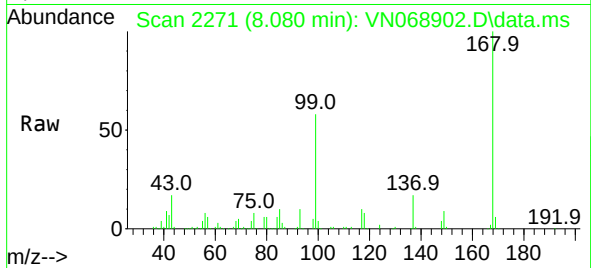




#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

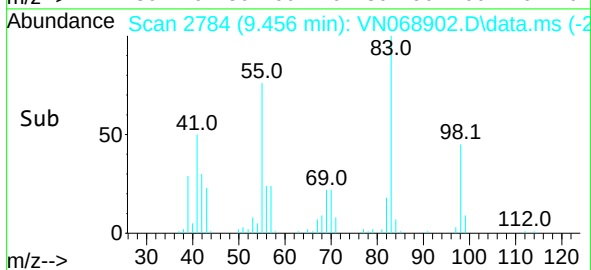
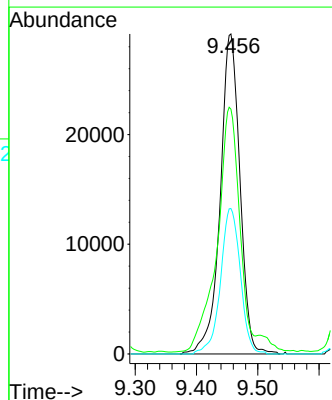
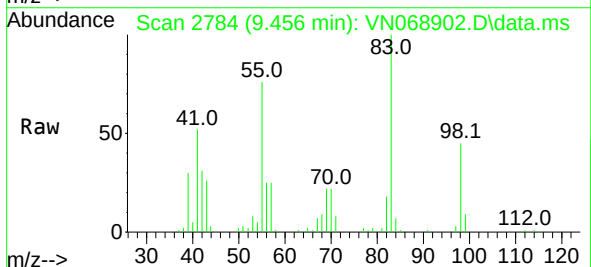
Instrument :
MSVOA_N
ClientSampled :
30784

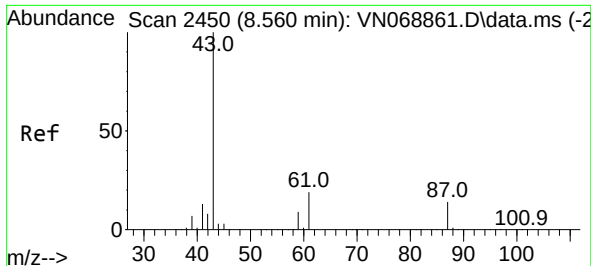
Tgt Ion:117 Resp: 39646
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 9.054 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 83 Resp: 65324
Ion Ratio Lower Upper
83 100
55 75.7 61.4 92.0
98 45.5 36.4 54.6

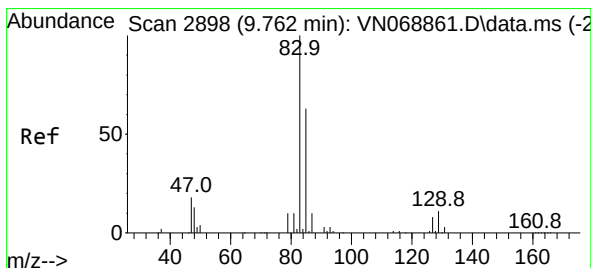
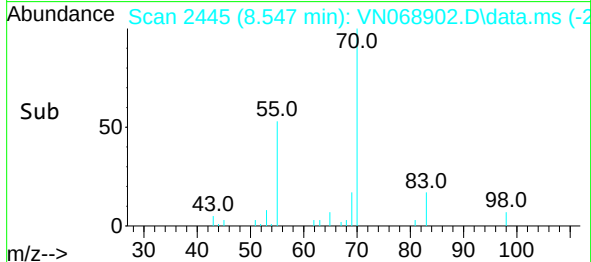
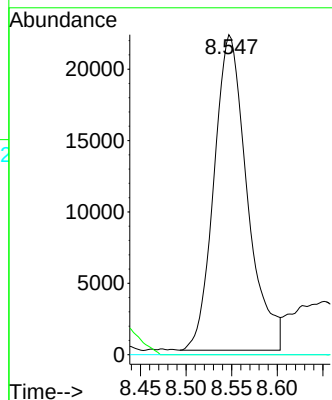
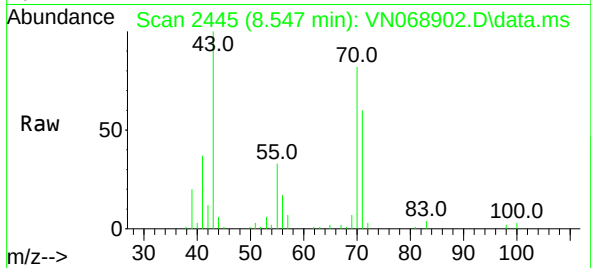




#43
Isopropyl Acetate
Concen: 5.485 ug/l
RT: 8.547 min Scan# 2445
Delta R.T. -0.013 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

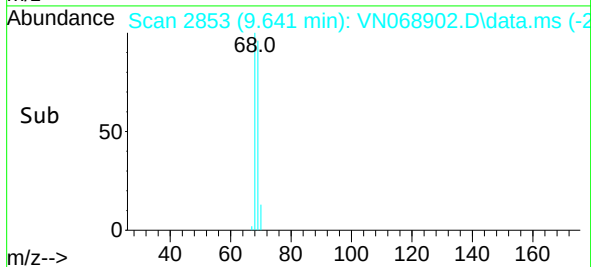
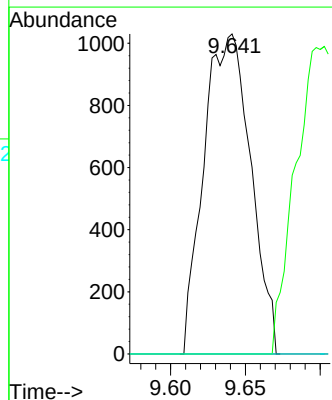
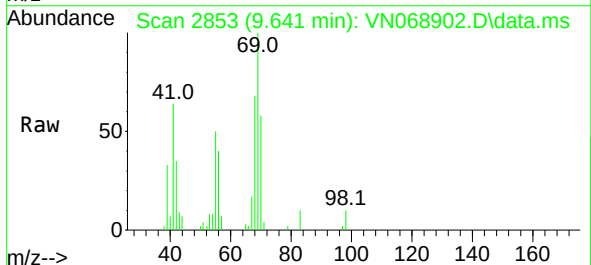
Instrument :
MSVOA_N
ClientSampled :
30784

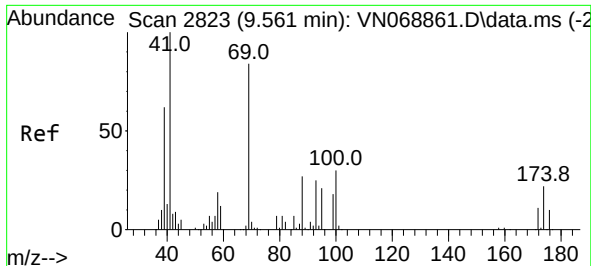
Tgt Ion: 43 Resp: 56025
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#47
Bromodichloromethane
Concen: 0.358 ug/l
RT: 9.641 min Scan# 2853
Delta R.T. -0.121 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 83 Resp: 2246
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#
127 0.0 6.5 9.7#

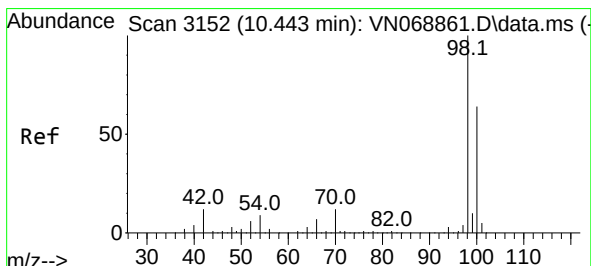
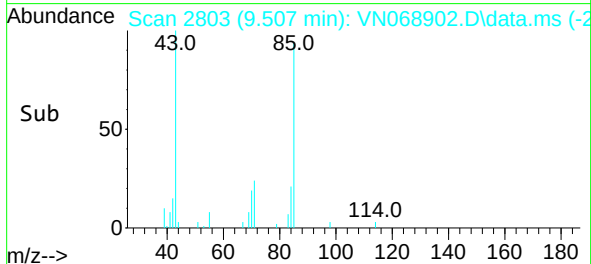
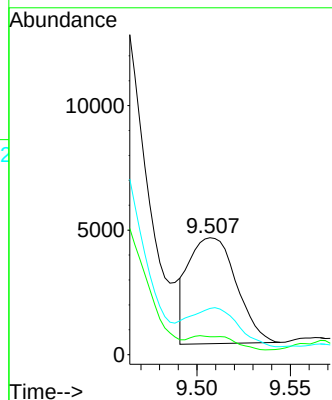
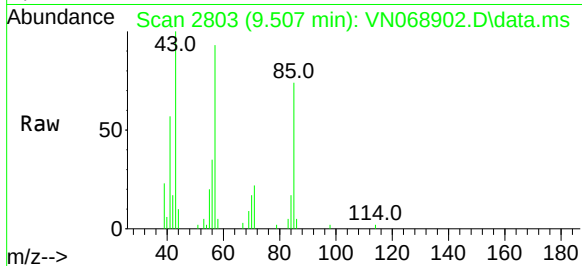




#48
Methyl methacrylate
Concen: 1.561 ug/l
RT: 9.507 min Scan# 2803
Delta R.T. -0.054 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

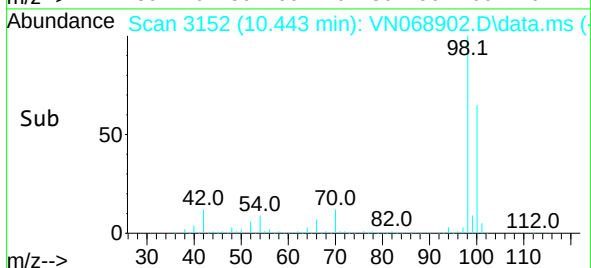
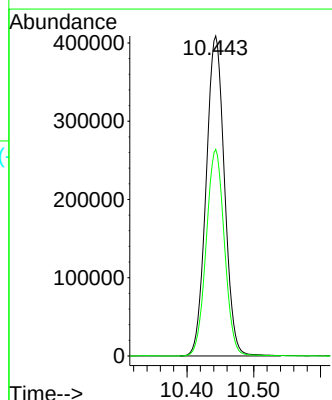
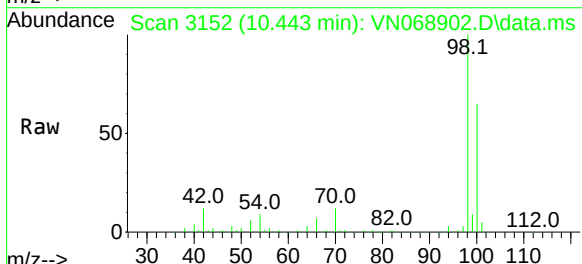
Instrument :
MSVOA_N
ClientSampled :
30784

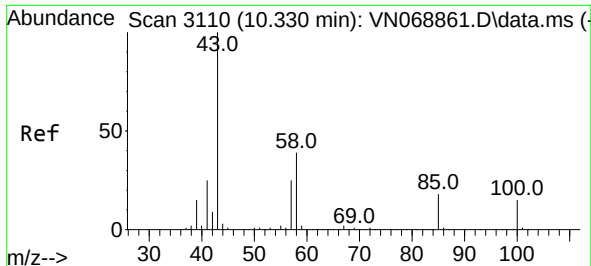
Tgt Ion: 41 Resp: 7492
Ion Ratio Lower Upper
41 100
69 12.0 66.4 99.6#
39 0.0 50.2 75.2#



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 98 Resp: 780552
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

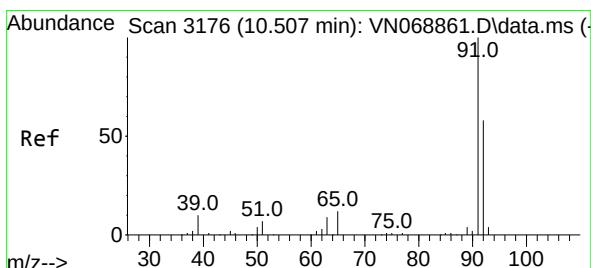
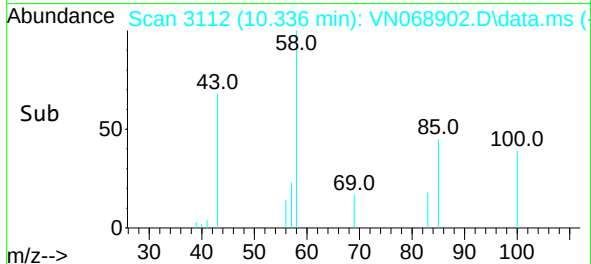
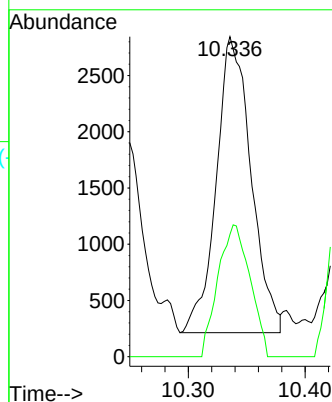
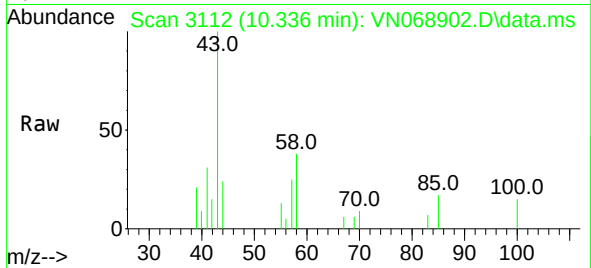




#51
4-Methyl-2-Pentanone
Concen: 0.919 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

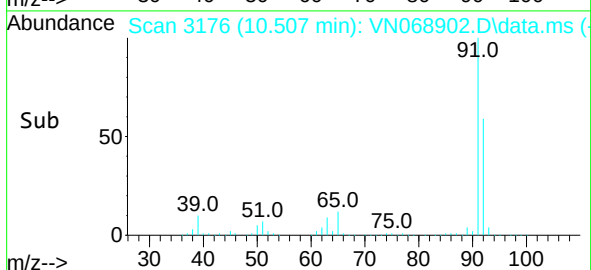
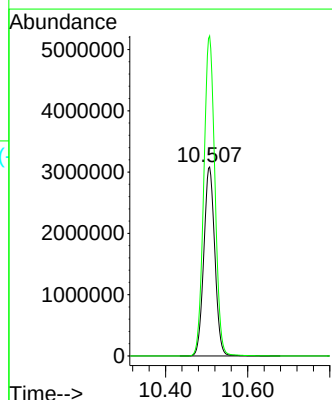
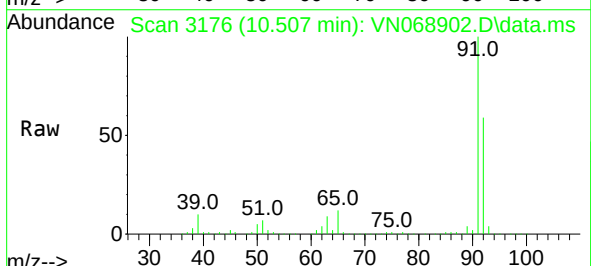
Instrument :
MSVOA_N
ClientSampleId :
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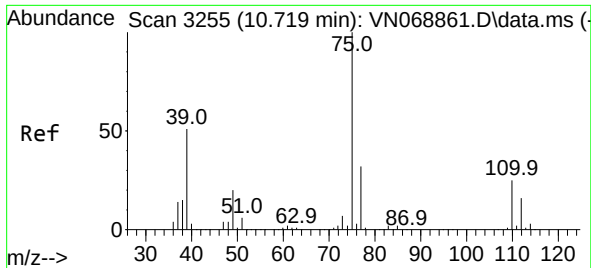
Tgt Ion: 43 Resp: 5444
Ion Ratio Lower Upper
43 100
58 41.0 31.0 46.4



#52
Toluene
Concen: 522.406 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 92 Resp: 5736859
Ion Ratio Lower Upper
92 100
91 171.3 138.5 207.7

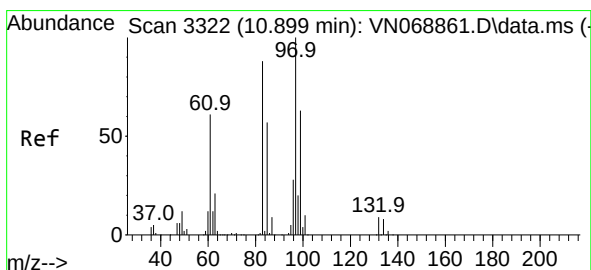
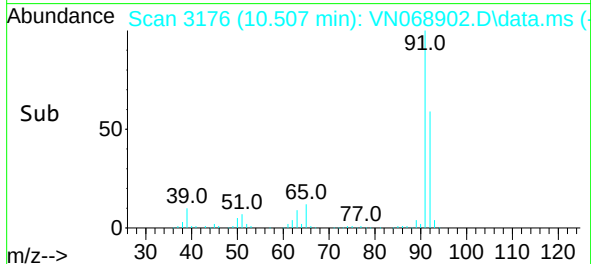
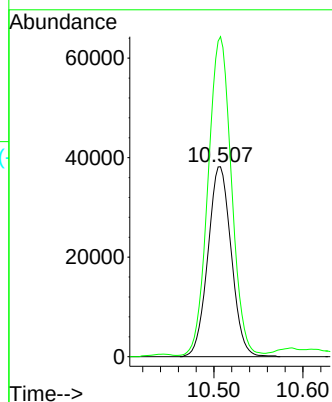
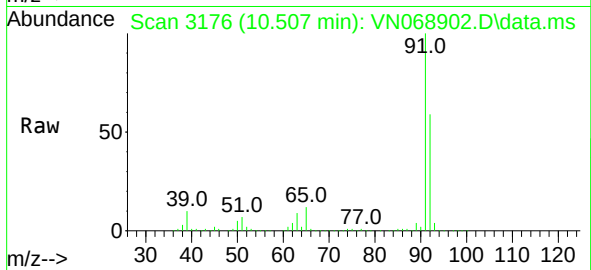




#53
t-1,3-Dichloropropene
Concen: 9.779 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.212 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

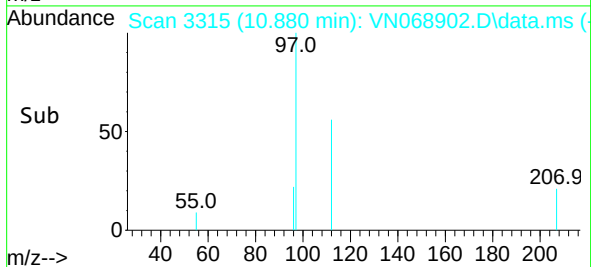
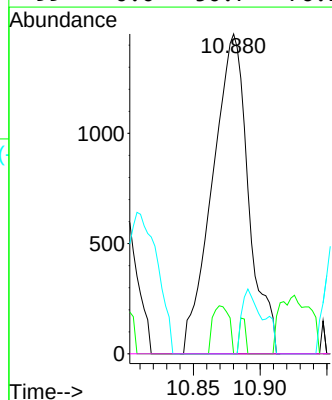
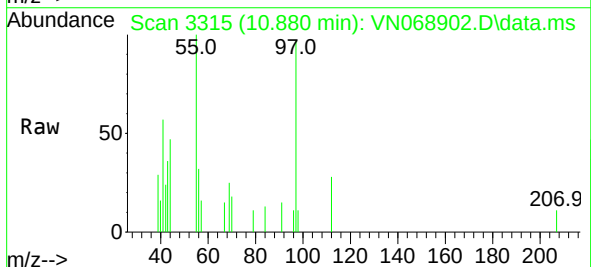
Instrument :
MSVOA_N
ClientSampled :
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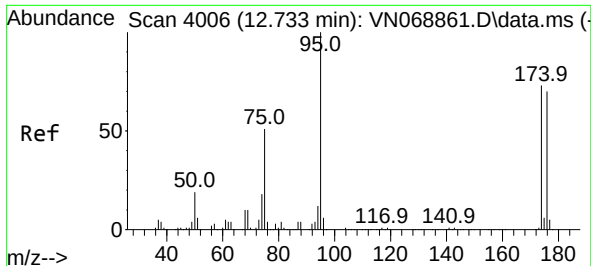
Tgt Ion: 75 Resp: 69403
Ion Ratio Lower Upper
75 100
77 167.7 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 0.631 ug/l
RT: 10.880 min Scan# 3315
Delta R.T. -0.019 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 97 Resp: 2732
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 0.0 45.3 67.9#
99 0.0 50.7 76.1#

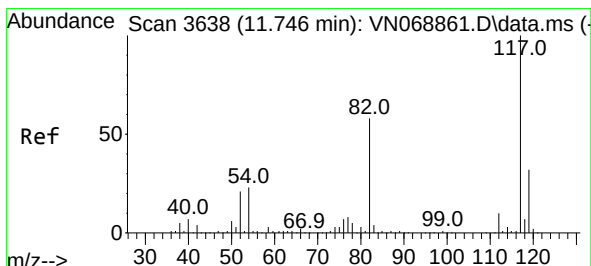
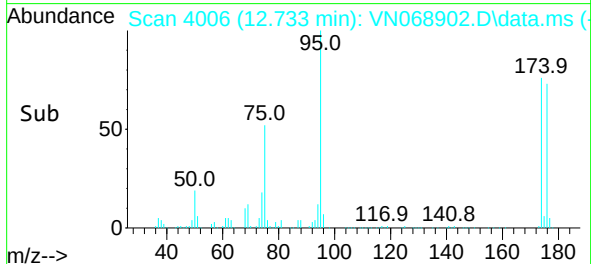
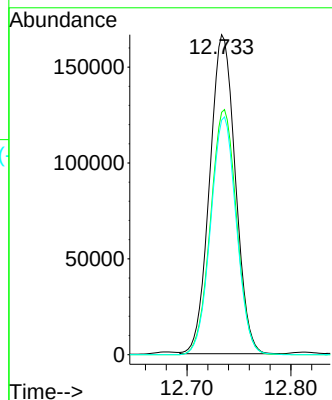
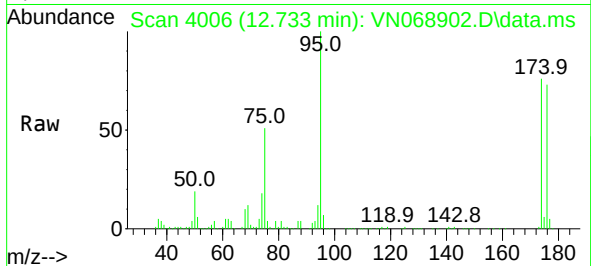




#62
4-Bromofluorobenzene
Concen: 49.612 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

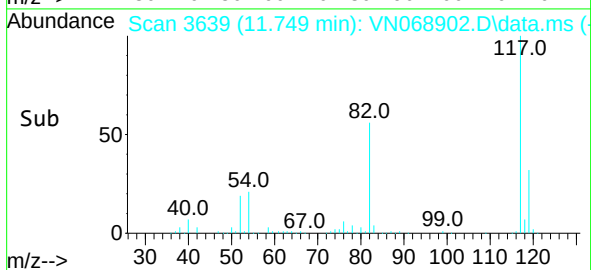
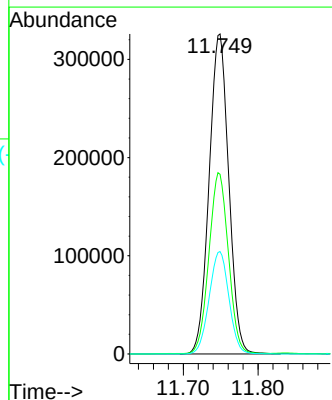
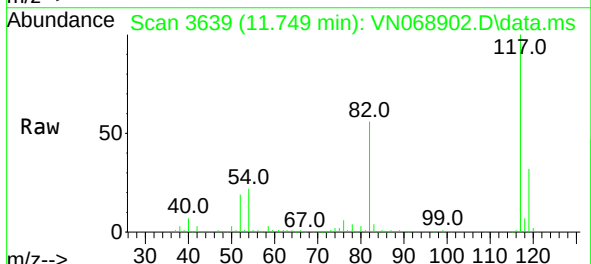
Instrument :
MSVOA_N
ClientSampleId :
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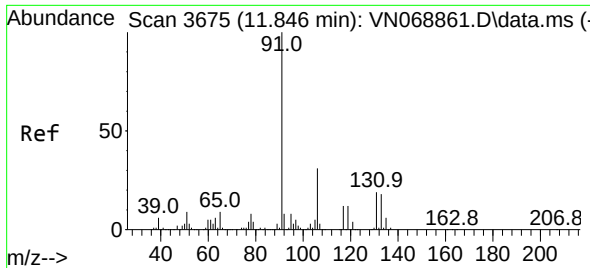
Tgt Ion: 95 Resp: 285956
Ion Ratio Lower Upper
95 100
174 78.0 0.0 144.8
176 74.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 117 Resp: 592847
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.0 26.0 39.0

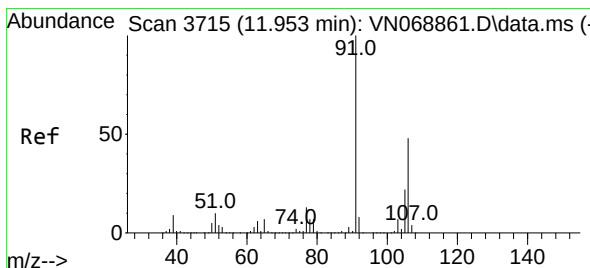
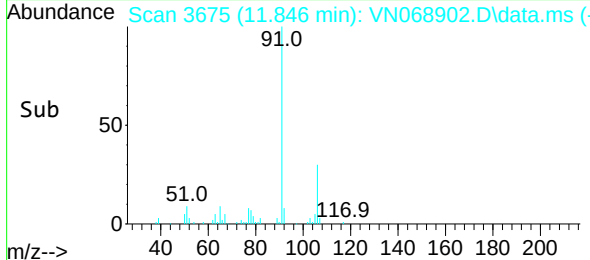
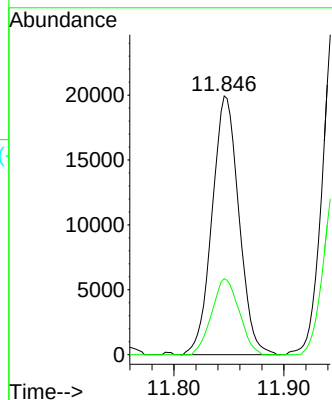
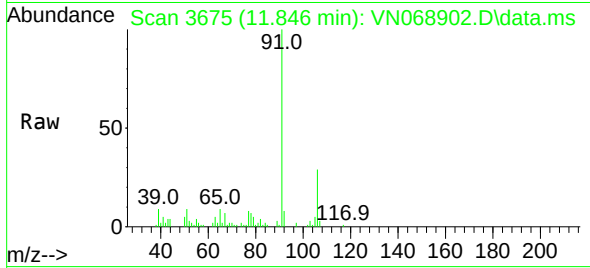




#67
Ethyl Benzene
Concen: 1.622 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

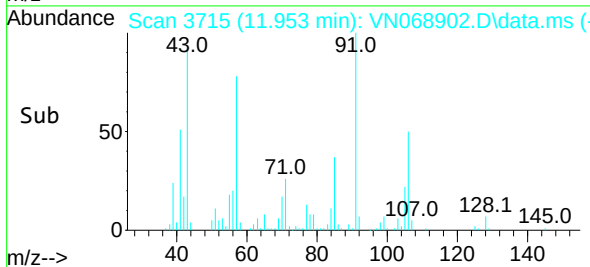
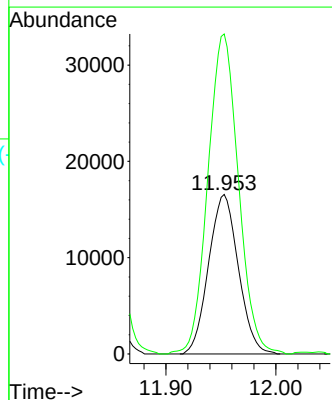
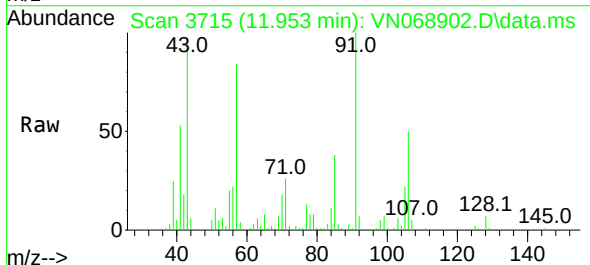
Instrument :
MSVOA_N
ClientSampled :
30784

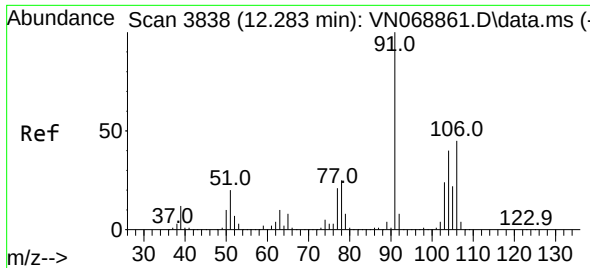
Tgt Ion: 91 Resp: 33803
Ion Ratio Lower Upper
91 100
106 29.3 24.8 37.2



#68
m/p-Xylenes
Concen: 3.939 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:106 Resp: 31114
Ion Ratio Lower Upper
106 100
91 205.8 166.8 250.2

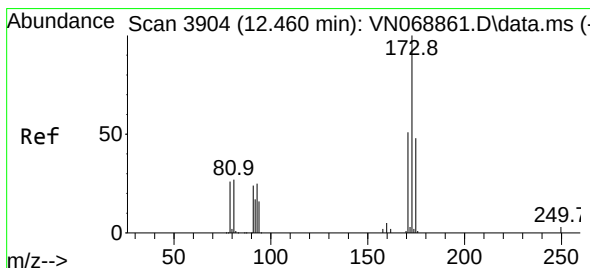
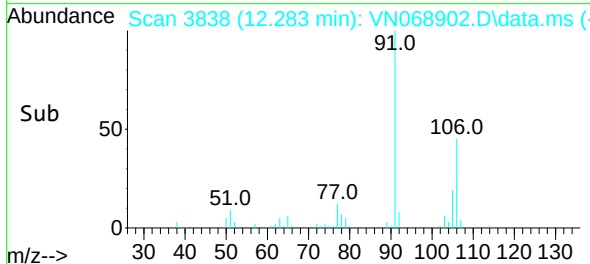
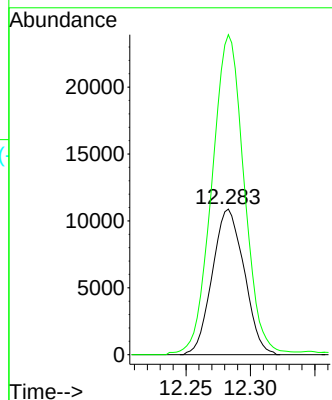
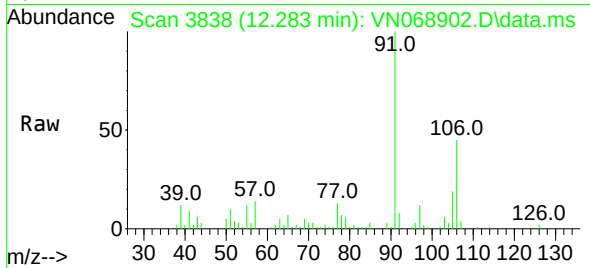




#69
o-Xylene
Concen: 2.363 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

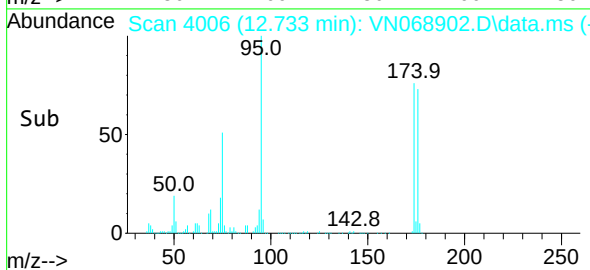
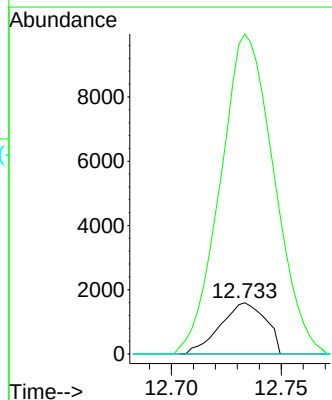
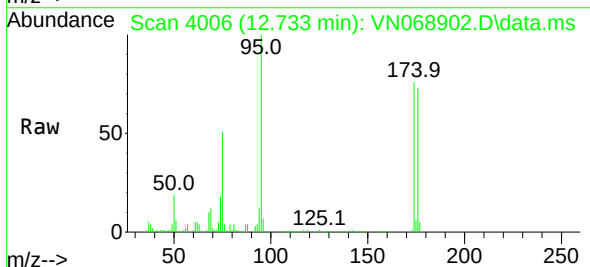
Instrument :
MSVOA_N
ClientSampled :
30784

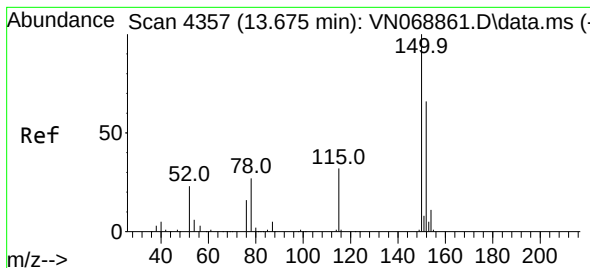
Tgt Ion:106 Resp: 18683
Ion Ratio Lower Upper
106 100
91 222.4 109.6 328.6



#71
Bromoform
Concen: 0.653 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:173 Resp: 2296
Ion Ratio Lower Upper
173 100
175 676.0 23.8 71.5#
254 0.0 0.0 0.0

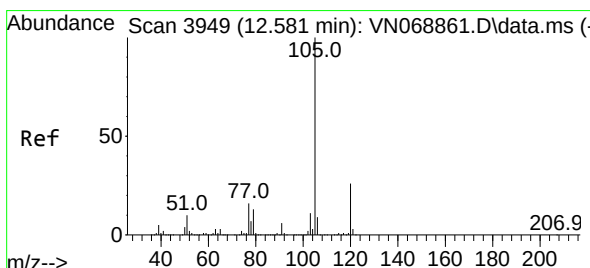
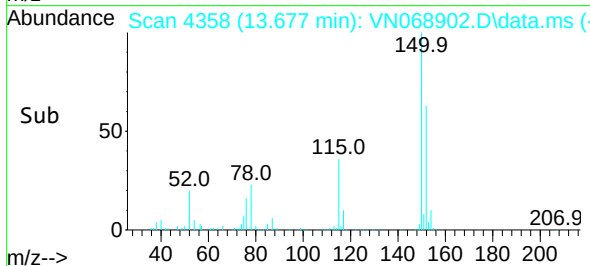
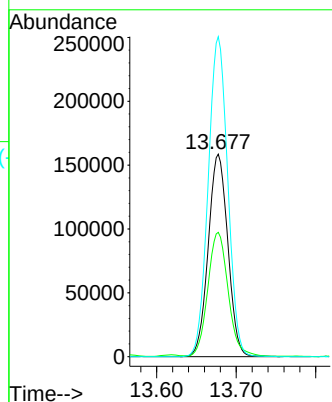
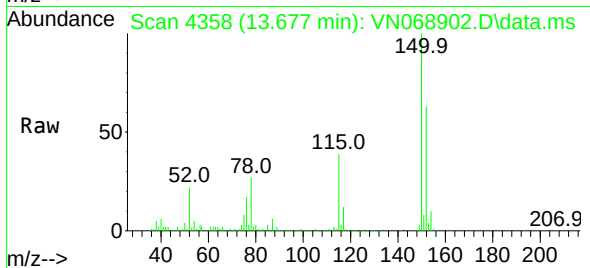




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

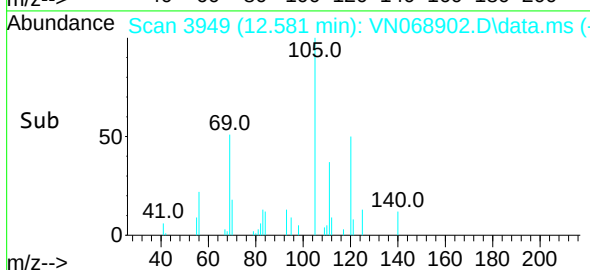
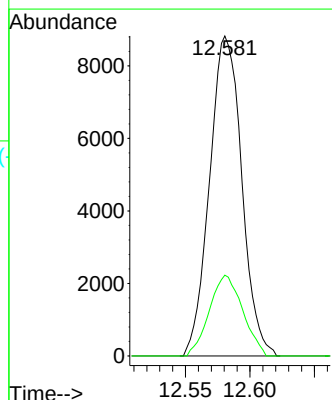
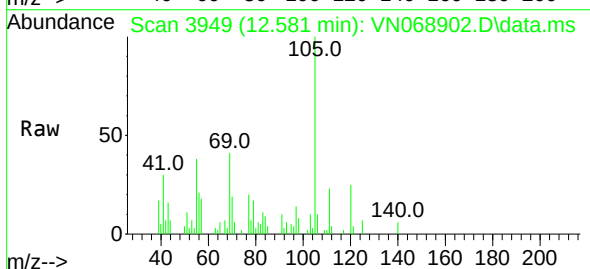
Instrument :
MSVOA_N
ClientSampled :
30784

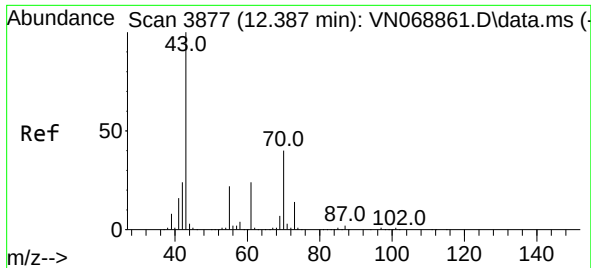
Tgt Ion:152 Resp: 271329
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.4 0.0 351.0



#73
Isopropylbenzene
Concen: 0.678 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:105 Resp: 15322
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

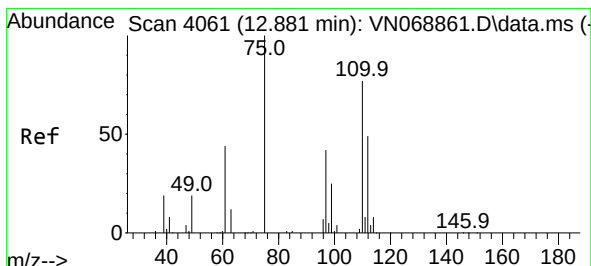
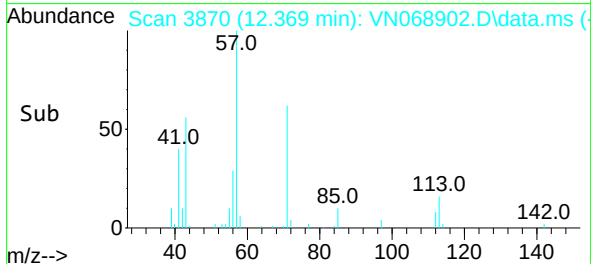
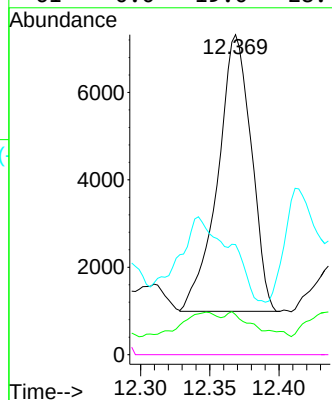
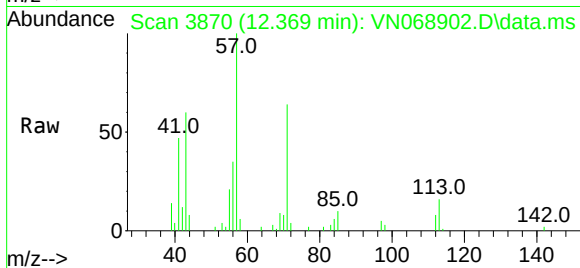




#74
N-amy1 acetate
Concen: 1.250 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

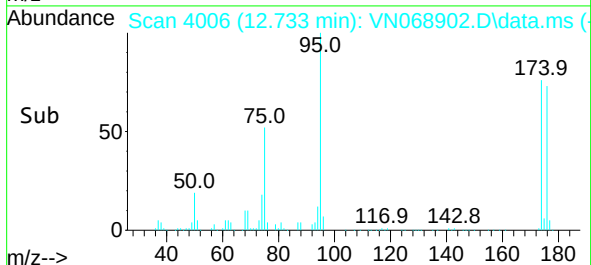
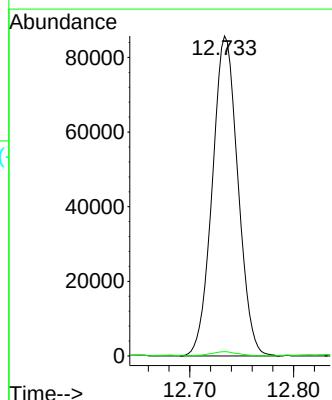
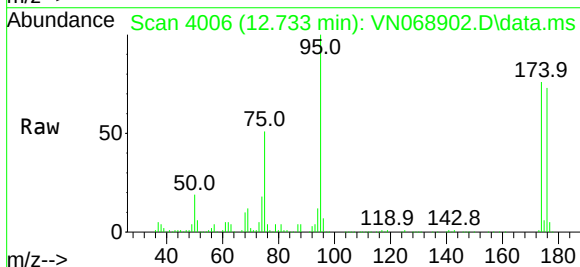
Instrument :
MSVOA_N
ClientSampled :
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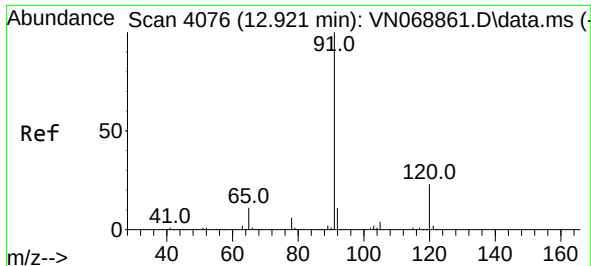
Tgt Ion: 43	Resp: 10697
Ion Ratio	Lower Upper
43	100
70	0.0 32.2 48.2#
55	0.0 18.0 27.0#
61	0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 25.433 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 75	Resp: 146830
Ion Ratio	Lower Upper
75	100
77	1.4 96.2 288.4#

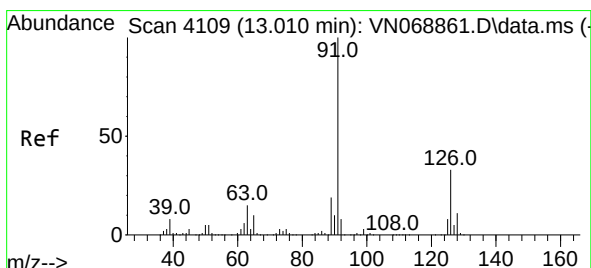
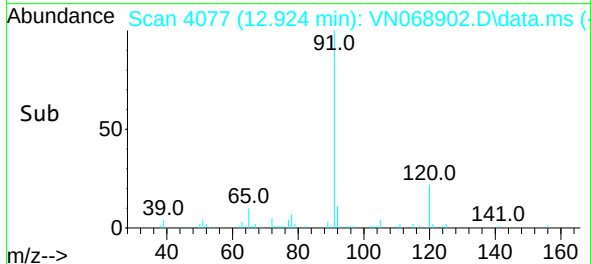
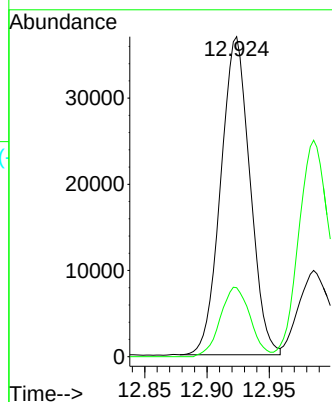
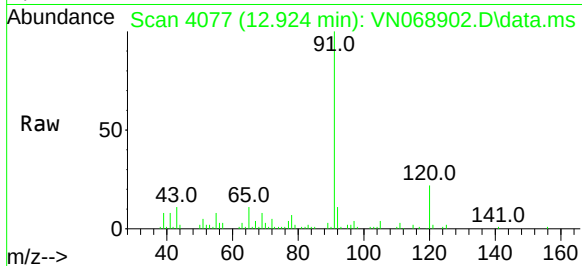




#78
n-propylbenzene
Concen: 2.374 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

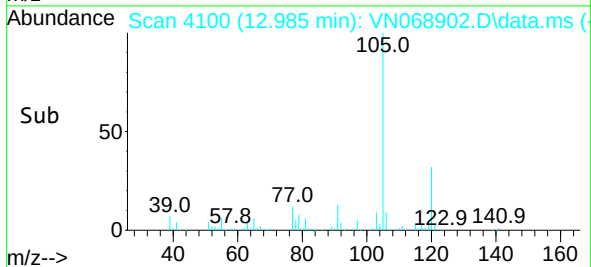
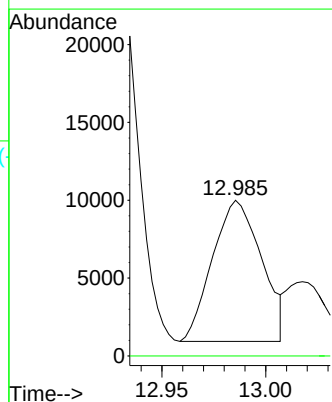
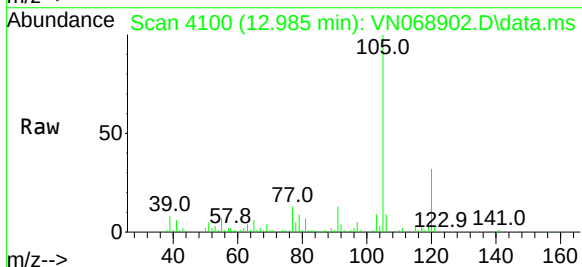
Instrument :
MSVOA_N
ClientSampled :
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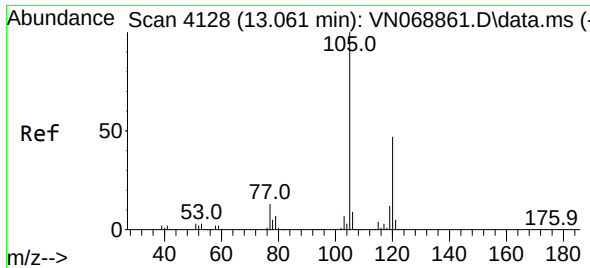
Tgt Ion: 91 Resp: 60241
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1



#79
2-Chlorotoluene
Concen: 0.954 ug/l
RT: 12.985 min Scan# 4100
Delta R.T. -0.024 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 91 Resp: 14930
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#

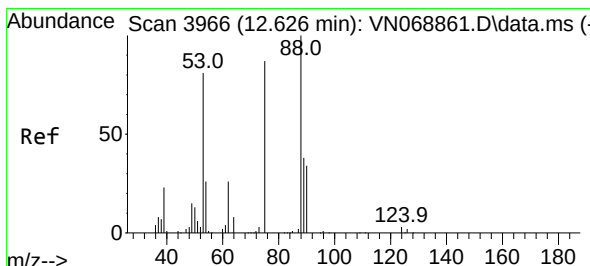
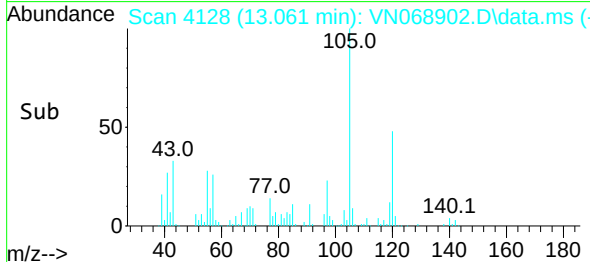
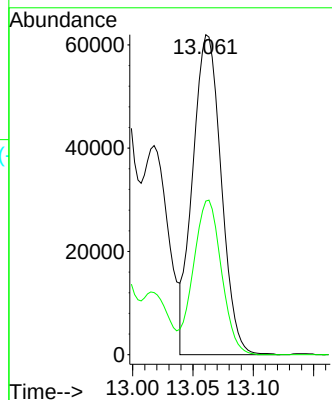
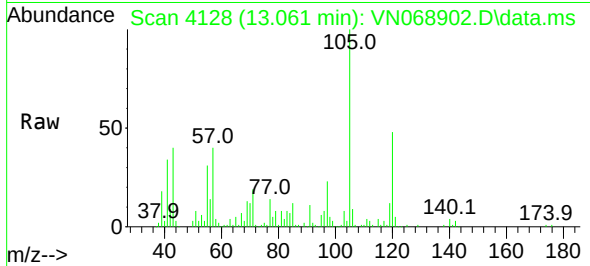




#80
1,3,5-Trimethylbenzene
Concen: 5.405 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

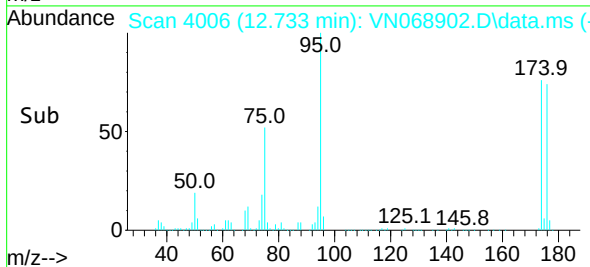
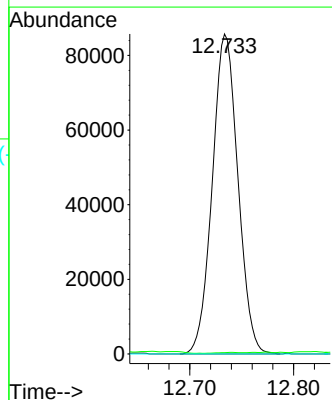
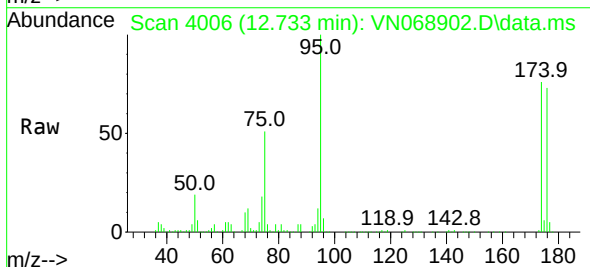
Instrument :
MSVOA_N
ClientSampled :
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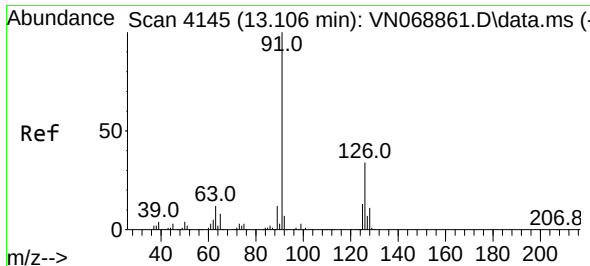
Tgt Ion:105 Resp: 101667
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 60.848 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 75 Resp: 146830
Ion Ratio Lower Upper
75 100
53 0.2 75.4 113.2#
89 0.0 36.9 55.3#

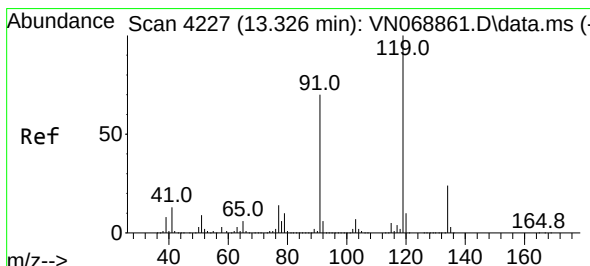
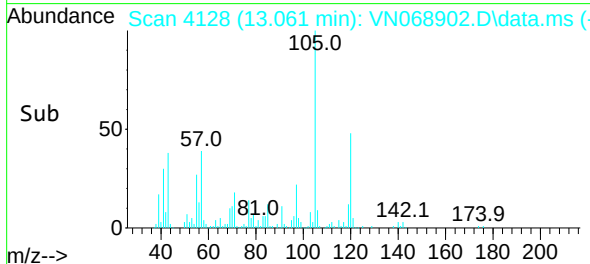
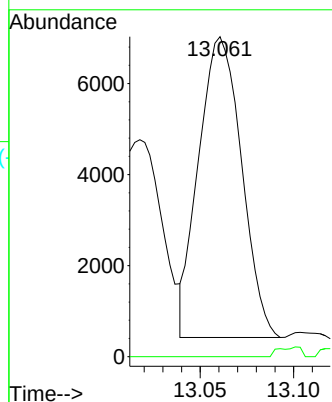
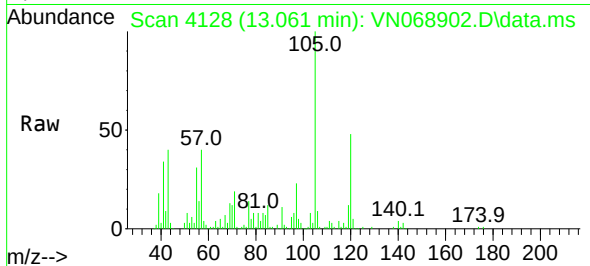




#82
4-Chlorotoluene
Concen: 0.696 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.046 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

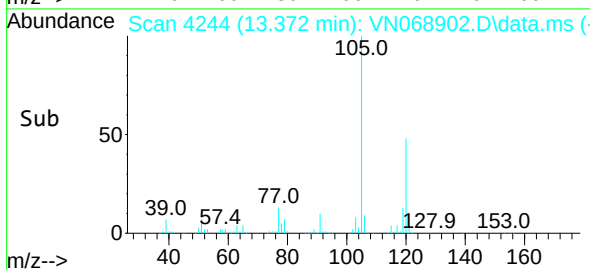
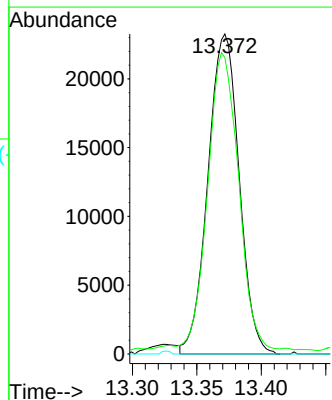
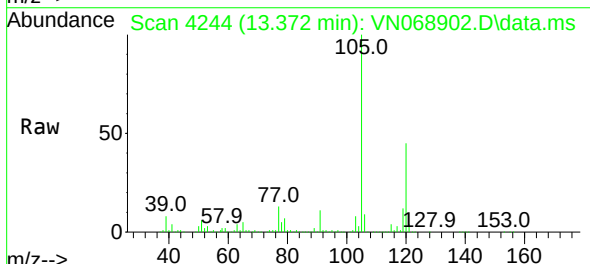
Instrument :
MSVOA_N
ClientSampled :
30784

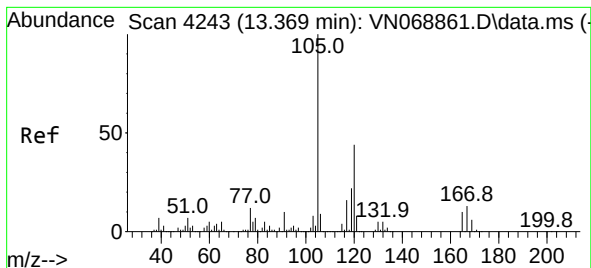
Tgt Ion: 91 Resp: 10524
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#83
tert-Butylbenzene
Concen: 2.392 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.046 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 119 Resp: 39162
Ion Ratio Lower Upper
119 100
91 90.7 34.6 103.9
134 0.0 12.6 37.6#





#84

1,2,4-Trimethylbenzene

Concen: 18.323 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. 0.003 min

Lab File: VN068902.D

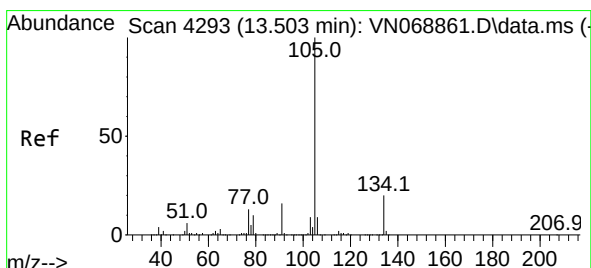
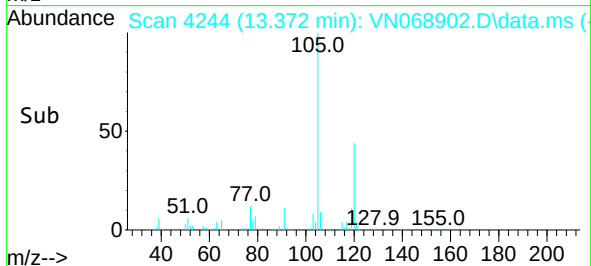
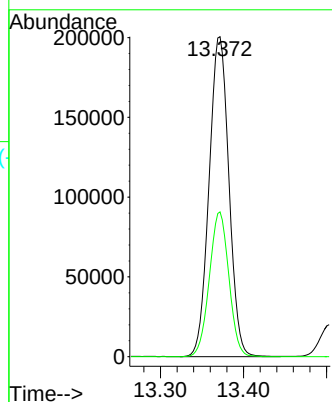
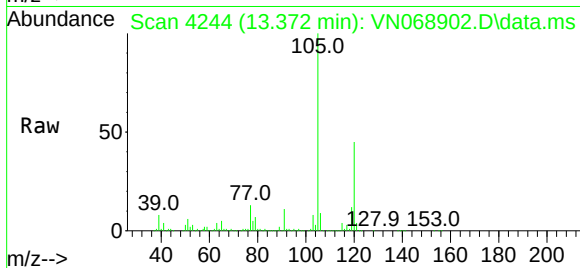
Acq: 13 Oct 2021 17:13

Tgt Ion:105 Resp: 332103

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.5



#85

sec-Butylbenzene

Concen: 1.443 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. -0.000 min

Lab File: VN068902.D

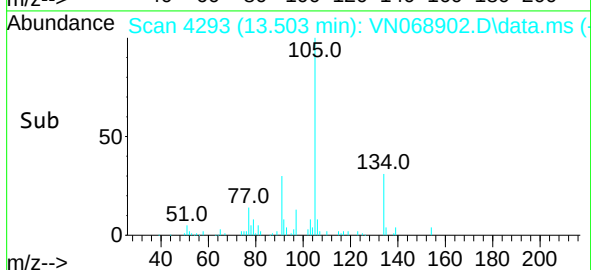
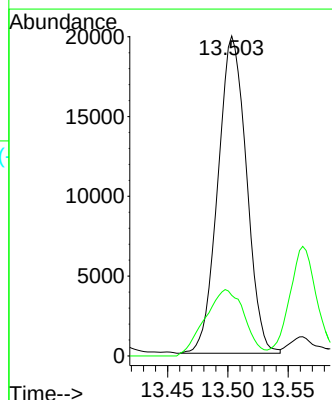
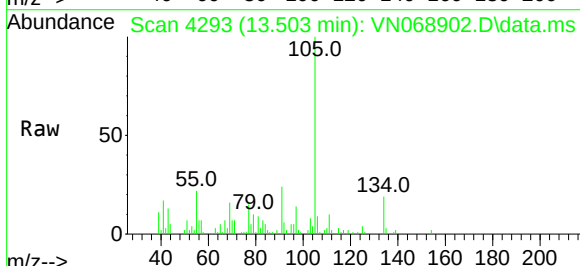
Acq: 13 Oct 2021 17:13

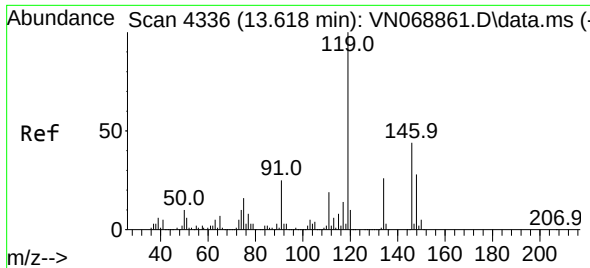
Tgt Ion:105 Resp: 32720

Ion Ratio Lower Upper

105 100

134 29.0 9.8 29.4

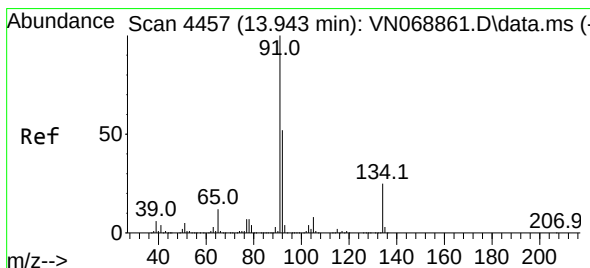
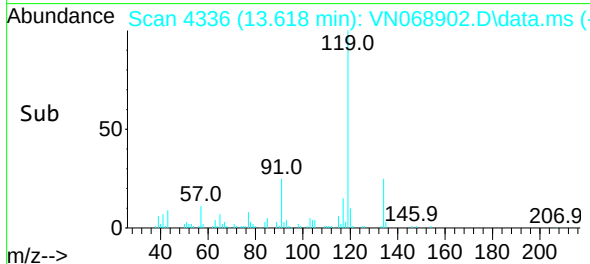
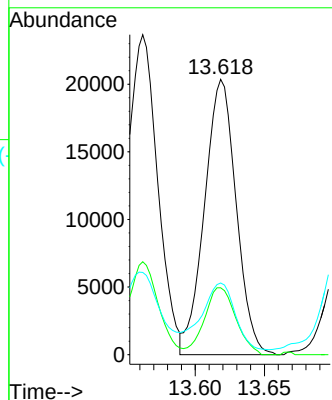
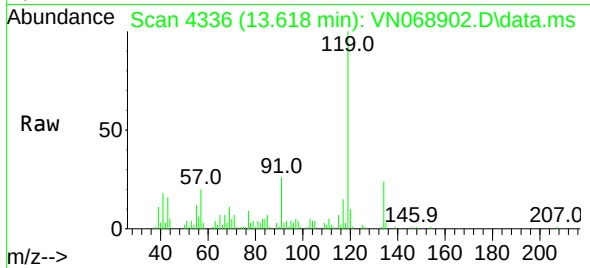




#86
p-Isopropyltoluene
Concen: 1.782 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

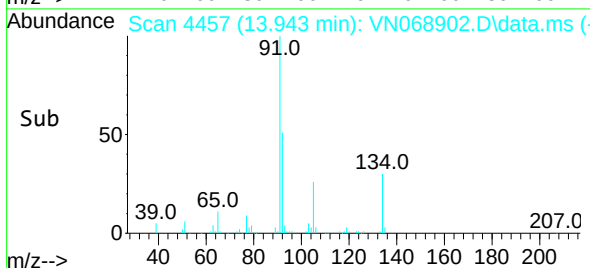
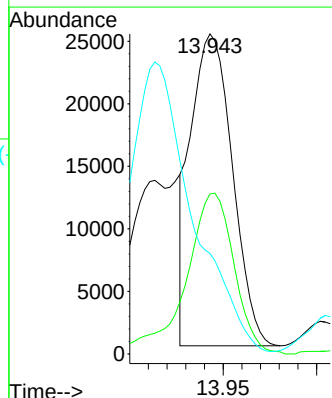
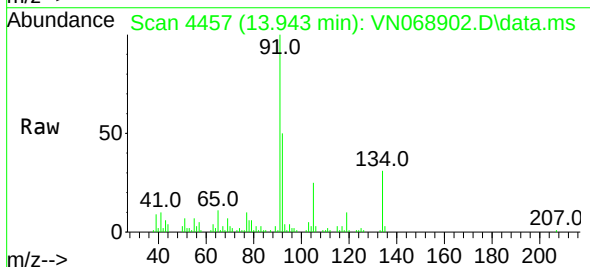
Instrument :
MSVOA_N
ClientSampled :
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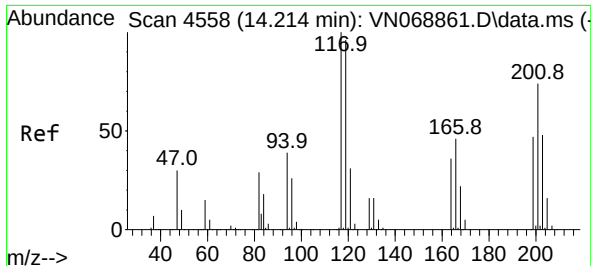
Tgt Ion:	119	Resp:	32407
Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.9	38.6
91	25.1	12.8	38.4



#89
n-Butylbenzene
Concen: 2.551 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:	91	Resp:	38638
Ion	Ratio	Lower	Upper
91	100		
92	59.5	26.0	78.0
134	0.0	12.5	37.5#

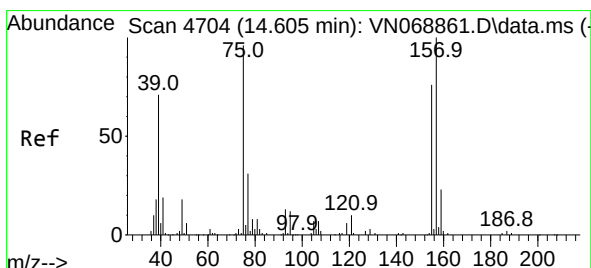
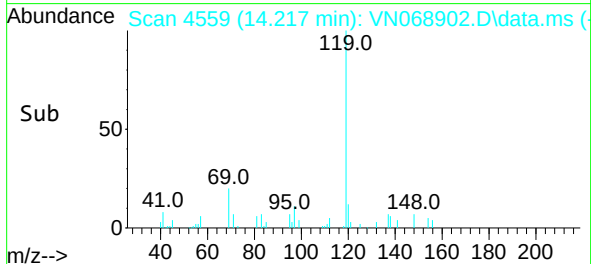
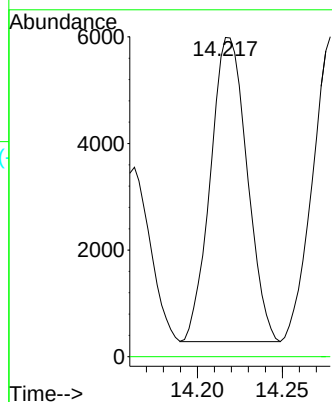
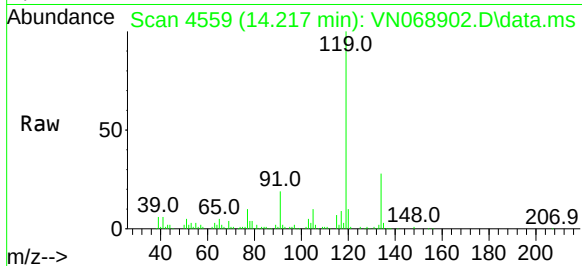




#90
Hexachloroethane
Concen: 2.242 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

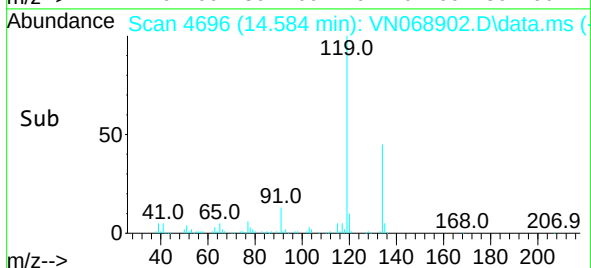
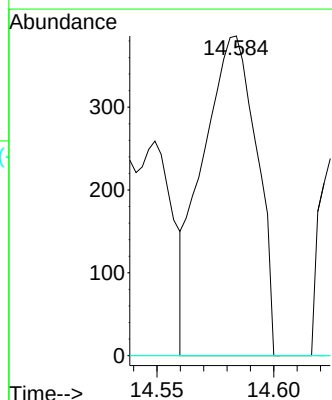
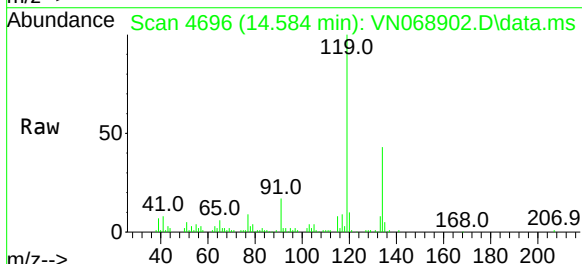
Instrument :
MSVOA_N
ClientSampled :
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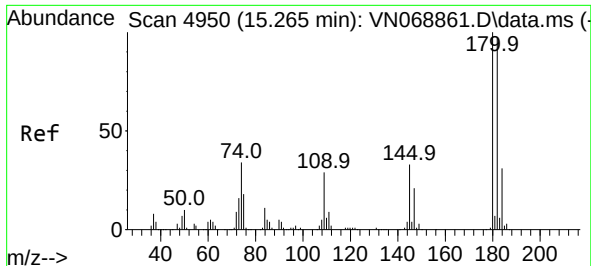
Tgt Ion:117 Resp: 8566
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.495 ug/l
RT: 14.584 min Scan# 4696
Delta R.T. -0.022 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 75 Resp: 623
Ion Ratio Lower Upper
75 100
155 0.0 38.8 116.4#
157 0.0 50.2 150.6#

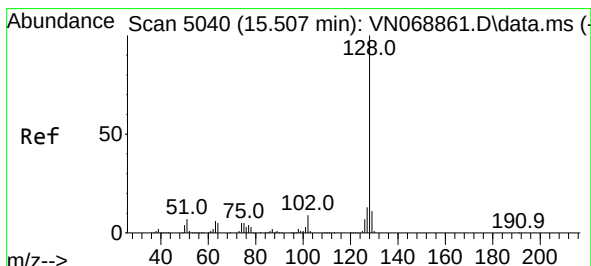
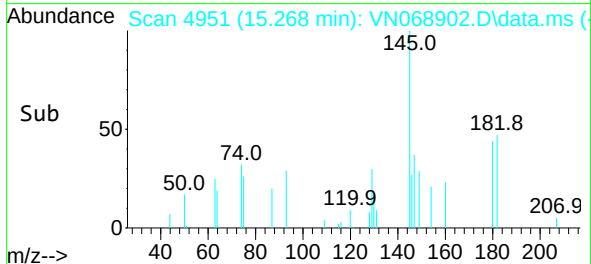
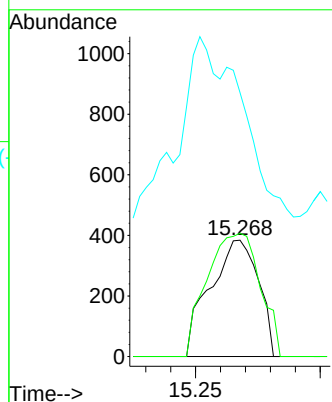
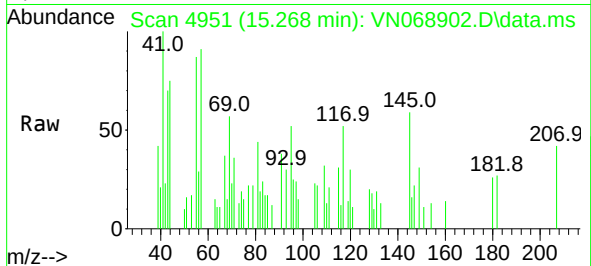




#93
1,2,4-Trichlorobenzene
Concen: 2.709 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

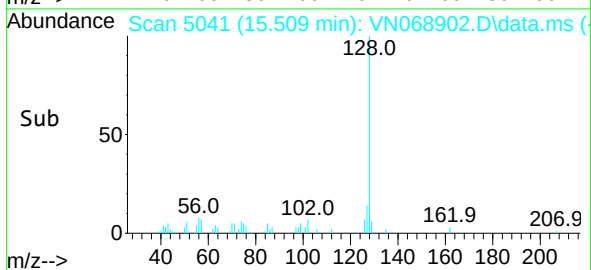
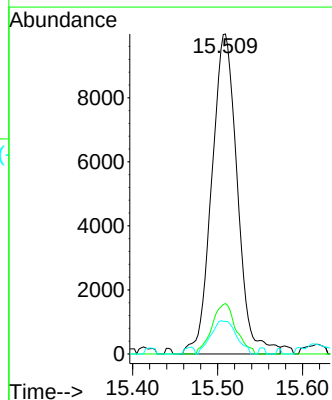
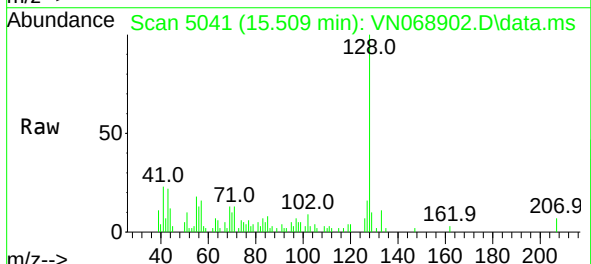
Instrument :
MSVOA_N
ClientSampled :
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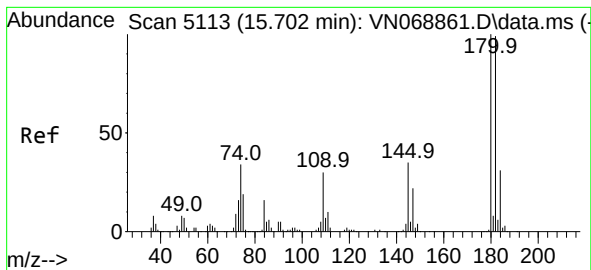
Tgt Ion:180 Resp: 518
Ion Ratio Lower Upper
180 100
182 116.4 47.9 143.7
145 226.1 16.4 49.2#



#95
Naphthalene
Concen: 5.343 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

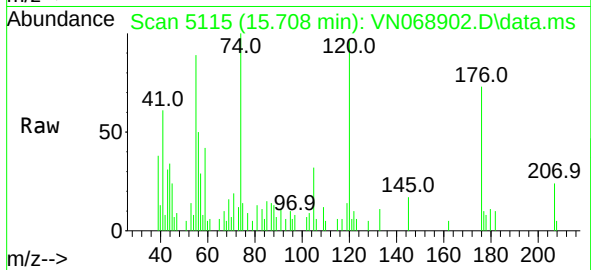
Tgt Ion:128 Resp: 20879
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 10.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.644 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN068902.D
 Acq: 13 Oct 2021 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 30784



Tgt Ion:180	Resp:	596
Ion	Ratio	Lower Upper
180	100	
182	104.2	48.1 144.3
145	0.0	17.4 52.2#

