

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066914.D
 Acq On : 30 Apr 2021 16:54
 Operator : JC/MD
 Sample : M2229-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: May 01 01:47:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

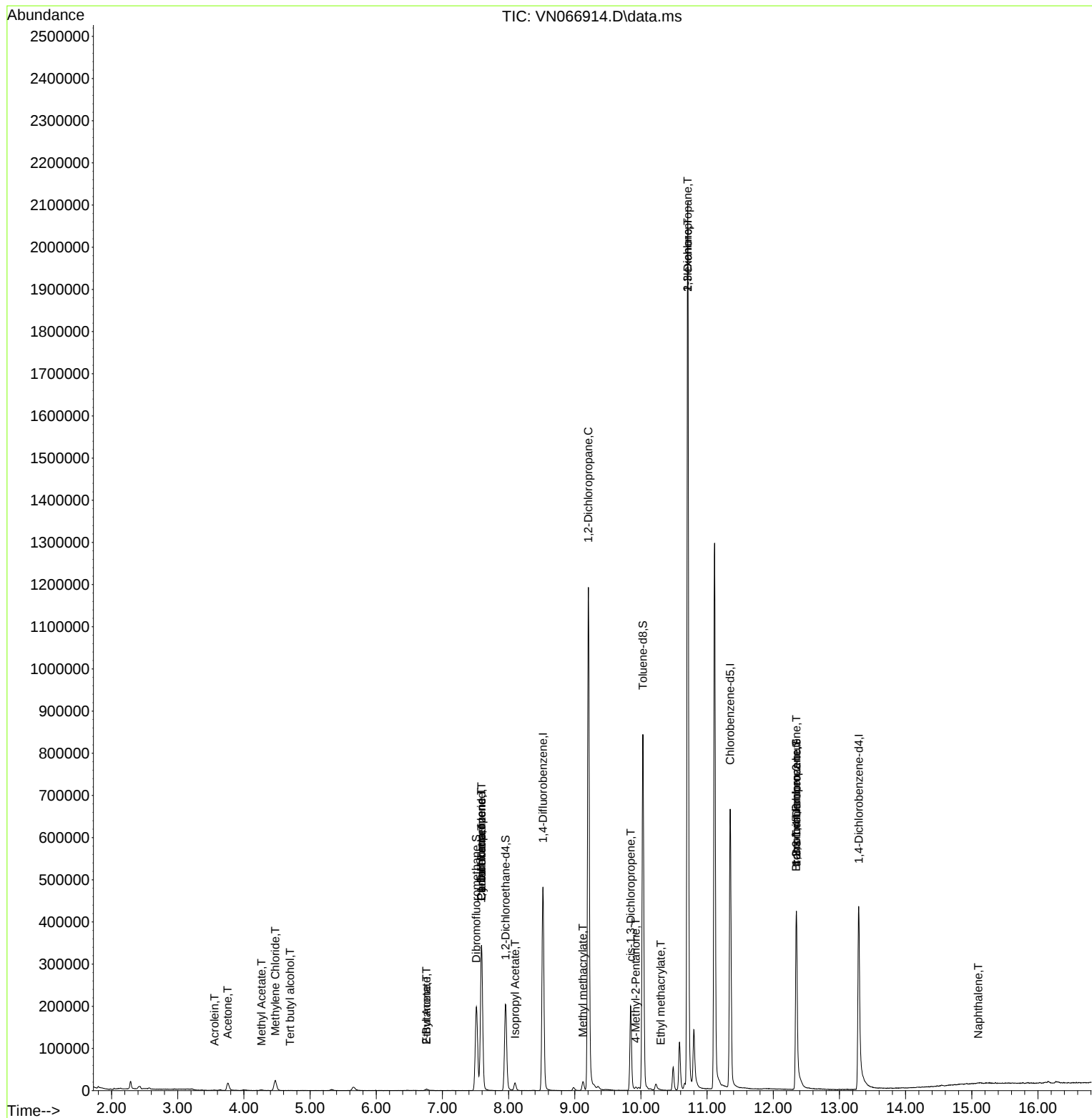
Internal Standards						
1) Pentafluorobenzene	7.591	168	316866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	472123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	434016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	178098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	174836	42.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.88%		
35) Dibromofluoromethane	7.513	113	161359	55.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	110.74%		
50) Toluene-d8	10.029	98	622471	54.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.84%		
62) 4-Bromofluorobenzene	12.349	95	192847	49.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.66%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.697	59	358	0.57	ug/l #	73
13) Acrolein	3.555	56	845	1.61	ug/l	89
16) Acetone	3.756	43	29524	19.22	ug/l	95
18) Methyl Acetate	4.265	43	2680	1.75	ug/l #	86
20) Methylene Chloride	4.474	84	19065	4.90	ug/l	90
25) 2-Butanone	6.757	43	5384	2.49	ug/l	94
31) Cyclohexane	7.591	56	4559	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19208	4.38	ug/l #	49
37) Ethyl Acetate	6.757	43	5384	1.16	ug/l #	68
38) Carbon Tetrachloride	7.591	117	26098	6.20	ug/l #	17
43) Isopropyl Acetate	8.098	43	22280	3.01	ug/l #	92
45) 1,2-Dichloropropane	9.205	63	1619	0.45	ug/l #	44
48) Methyl methacrylate	9.122	41	5266	1.63	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	5156	1.28	ug/l	96
54) cis-1,3-Dichloropropene	9.846	75	41850	7.50	ug/l #	56
56) Ethyl methacrylate	10.300	69	74	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	23641	4.39	ug/l #	43
59) 2-Hexanone	10.707	43	274201	99.37	ug/l #	53
71) Bromoform	12.346	173	1100	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	80923	21.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	80923	58.78	ug/l #	12
95) Naphthalene	15.098	128	2507	0.32	ug/l #	72

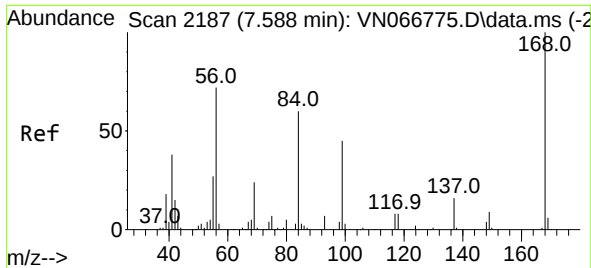
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 01:47:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

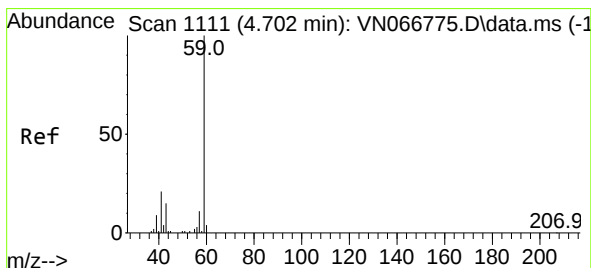
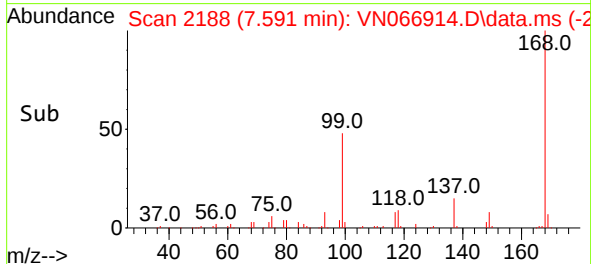
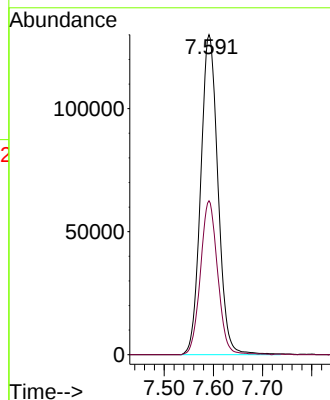
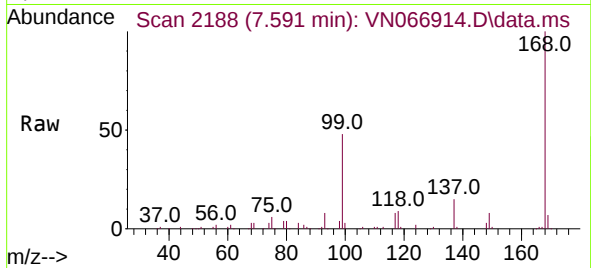




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

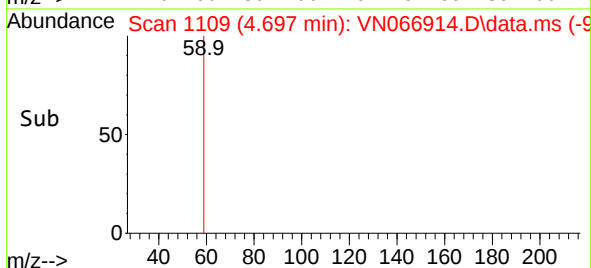
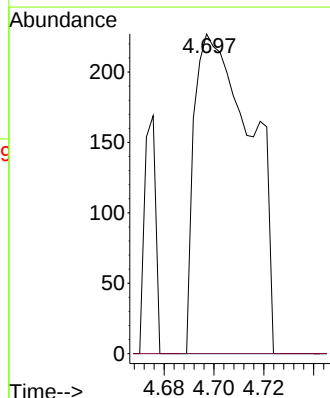
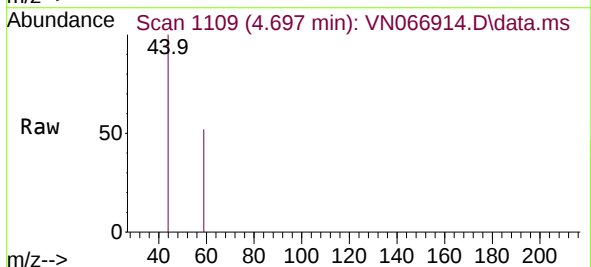
Instrument :
MSVOA_N
ClientSampleId :
TP-6

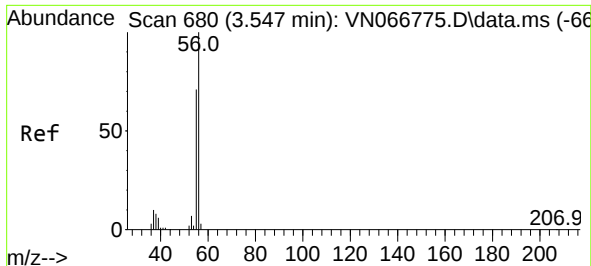
Tgt Ion:168 Resp: 316866
Ion Ratio Lower Upper
168 100
99 48.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 4.697 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

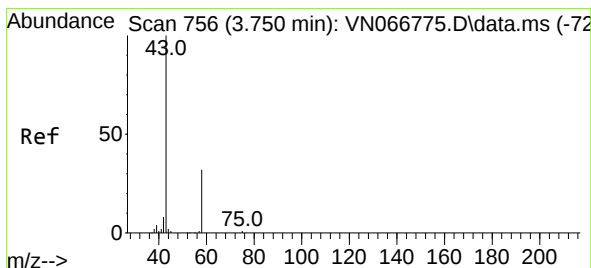
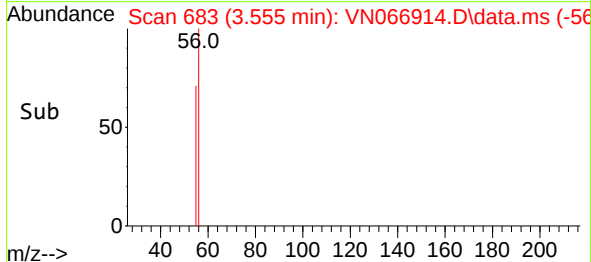
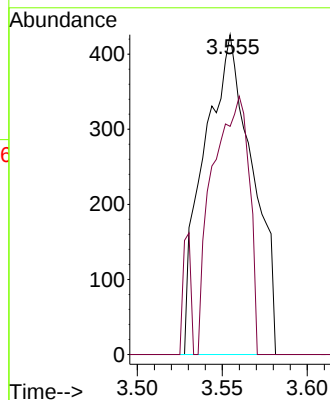
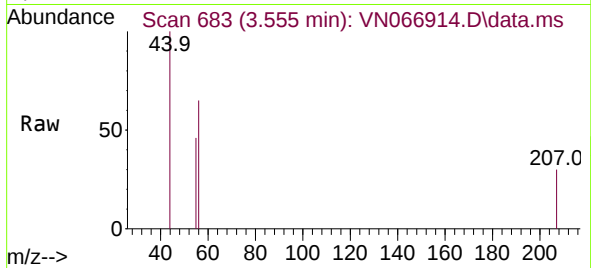




#13
Acrolein
Concen: 1.61 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

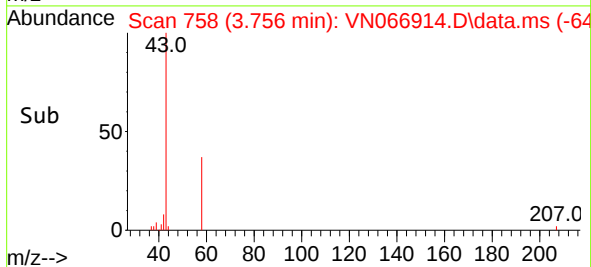
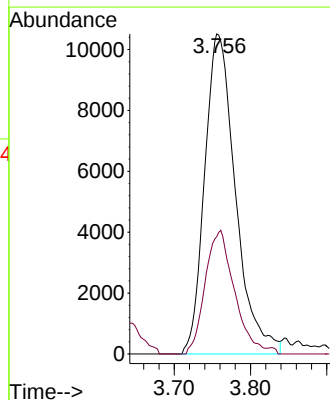
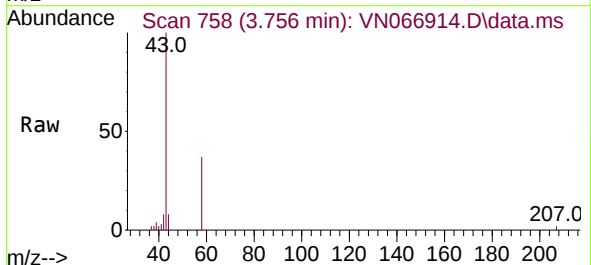
Instrument :
MSVOA_N
ClientSampled :
TP-6

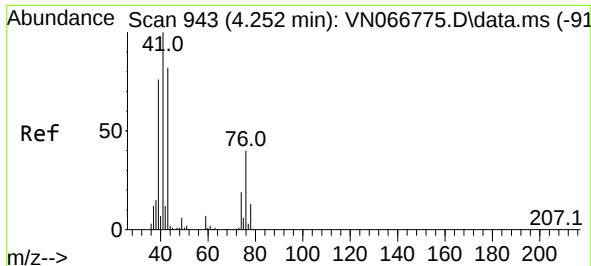
Tgt Ion: 56 Resp: 845
Ion Ratio Lower Upper
56 100
55 60.8 56.0 84.0



#16
Acetone
Concen: 19.22 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

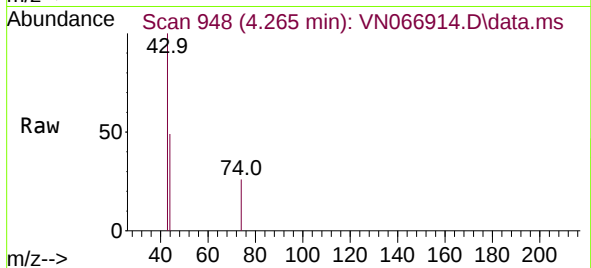
Tgt Ion: 43 Resp: 29524
Ion Ratio Lower Upper
43 100
58 36.6 27.0 40.6



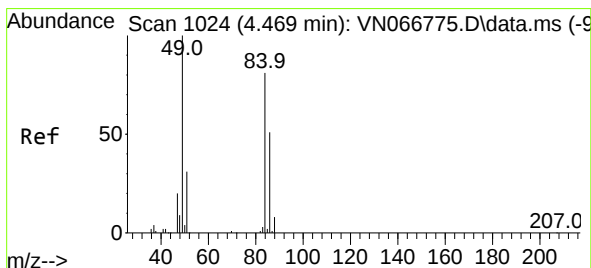
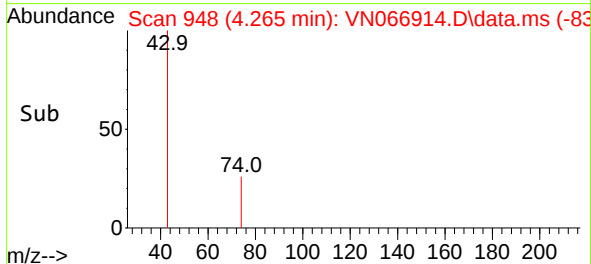
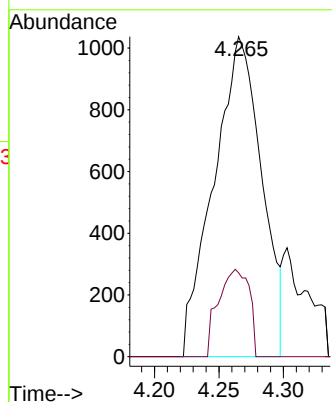


#18
Methyl Acetate
Concen: 1.75 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Instrument :
MSVOA_N
ClientSampled :
TP-6

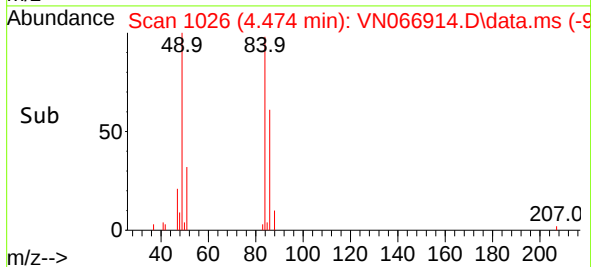
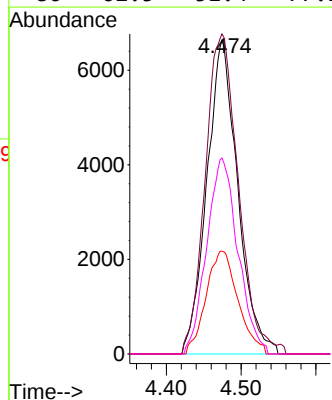
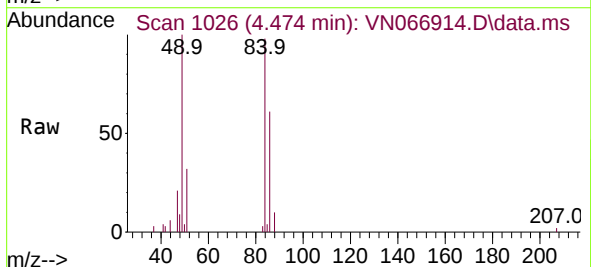


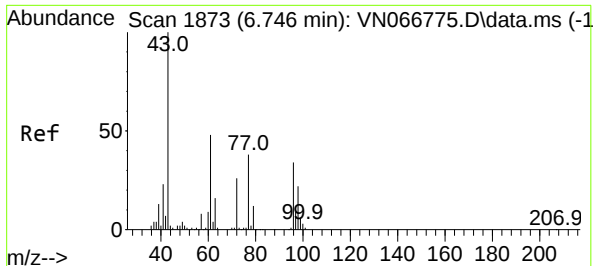
Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
74 17.5 19.5 29.3#



#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.005 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 84 Resp: 19065
Ion Ratio Lower Upper
84 100
49 102.1 94.6 141.8
51 32.8 29.9 44.9
86 62.5 51.4 77.2

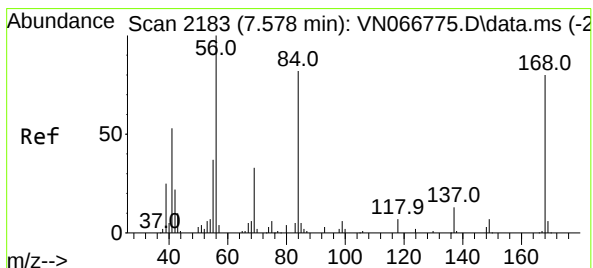
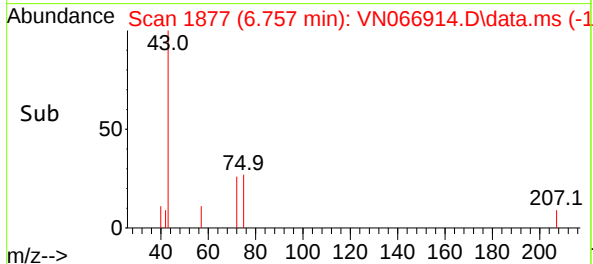
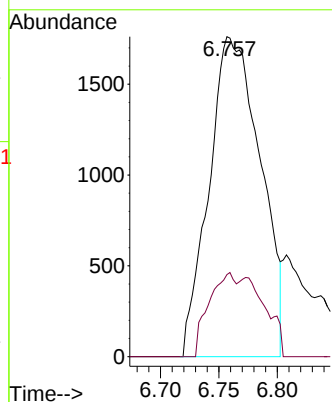
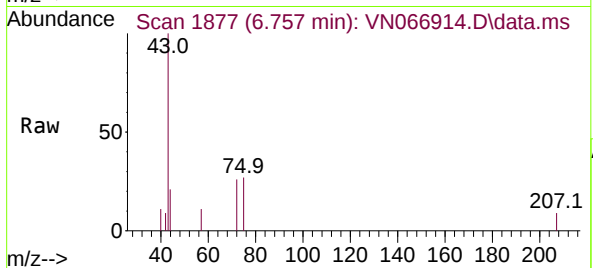




#25
2-Butanone
Concen: 2.49 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

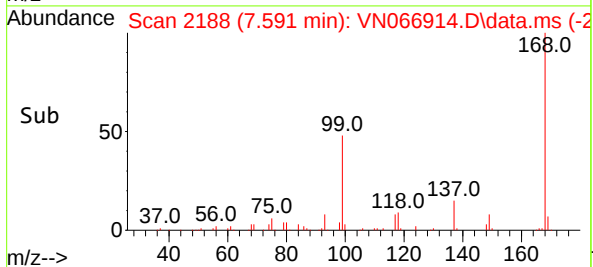
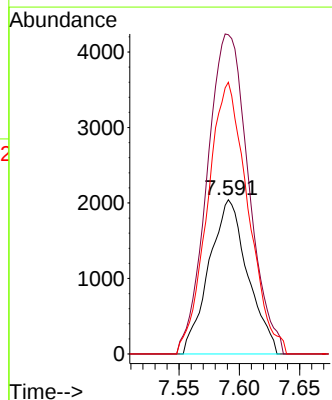
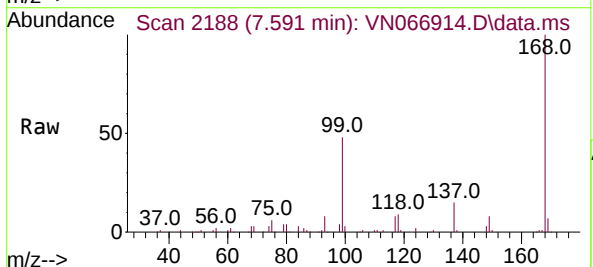
Instrument :
MSVOA_N
ClientSampled :
TP-6

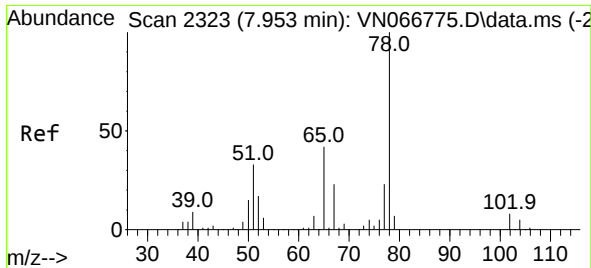
Tgt Ion: 43 Resp: 5384
Ion Ratio Lower Upper
43 100
72 25.7 23.1 34.7



#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 56 Resp: 4559
Ion Ratio Lower Upper
56 100
69 198.7 26.6 39.8#
84 168.8 70.4 105.6#

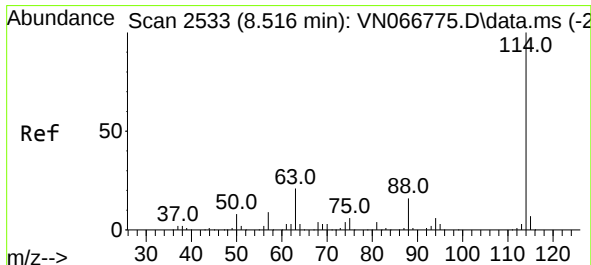
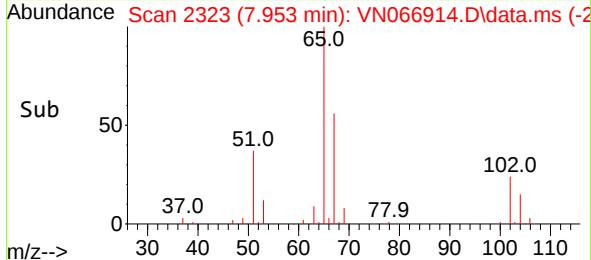
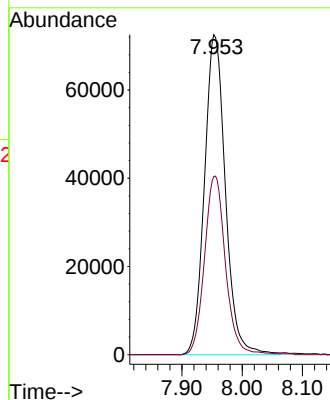
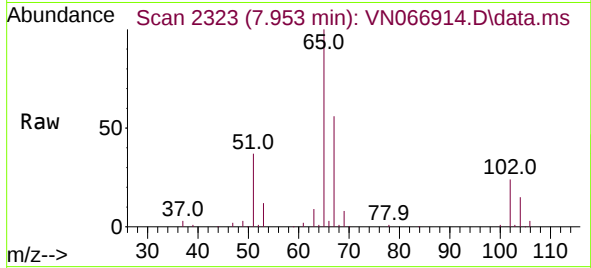




#33
 1,2-Dichloroethane-d4
 Concen: 42.94 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. -0.000 min
 Lab File: VN066914.D
 Acq: 30 Apr 2021 16:54

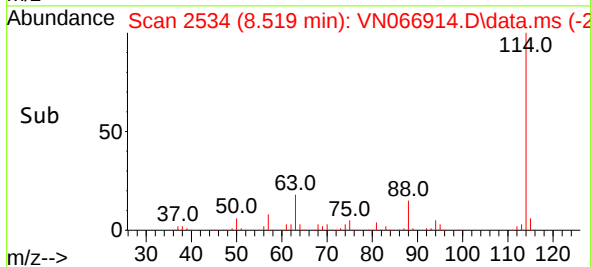
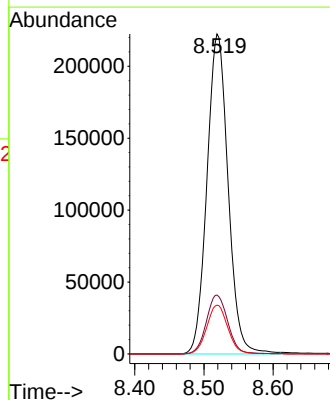
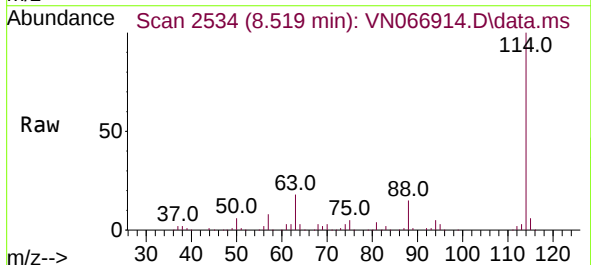
Instrument :
 MSVOA_N
 ClientSampled :
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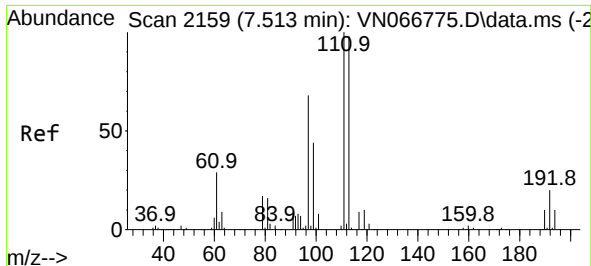
Tgt Ion: 65 Resp: 174836
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066914.D
 Acq: 30 Apr 2021 16:54

Tgt Ion: 114 Resp: 472123
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.6
 88 15.3 0.0 30.6

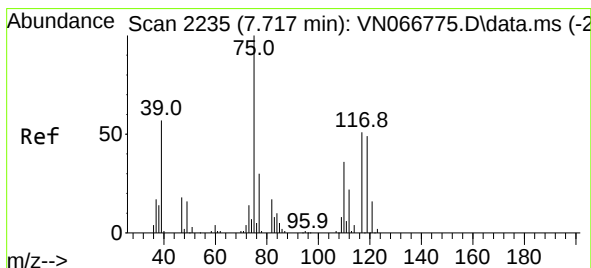
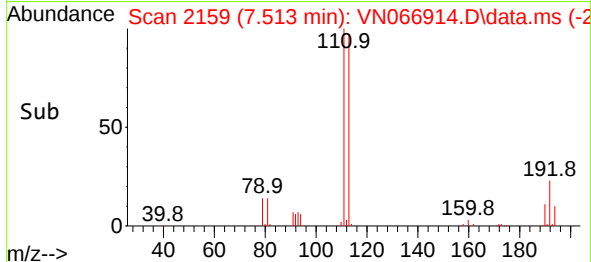
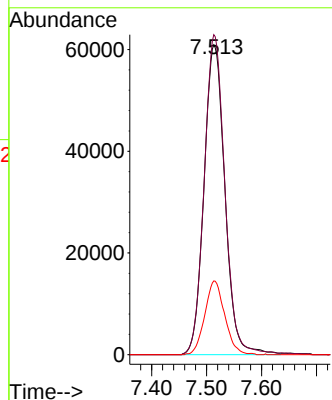
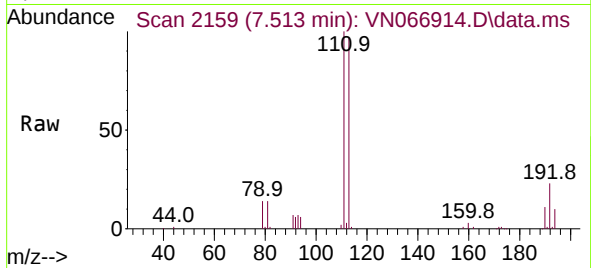




#35
Dibromofluoromethane
Concen: 55.37 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

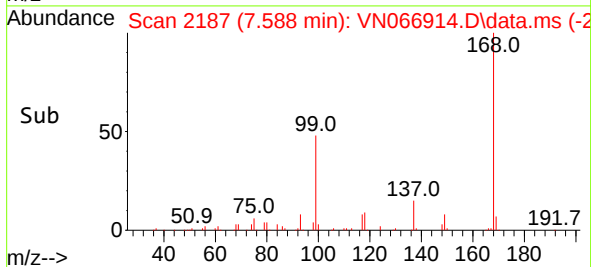
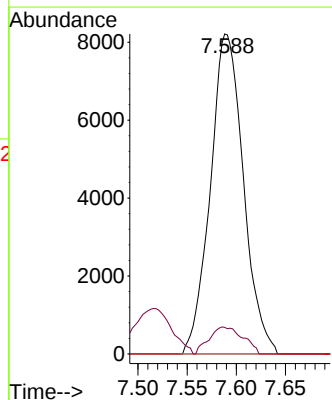
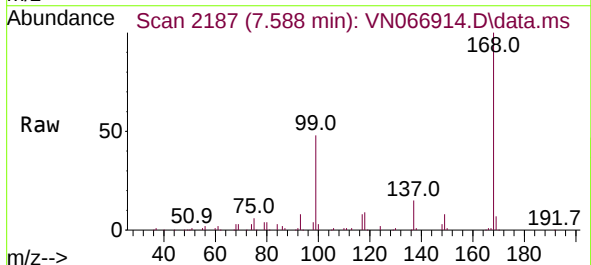
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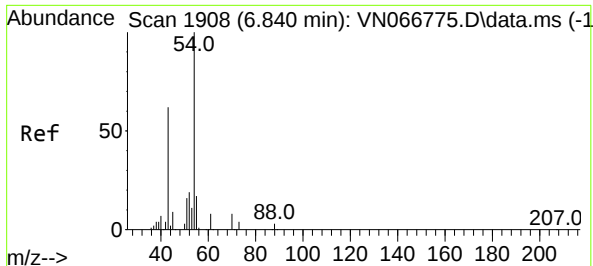
Tgt Ion:113 Resp: 161359
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 22.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 75 Resp: 19208
Ion Ratio Lower Upper
75 100
110 8.6 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.16 ug/l

RT: 6.757 min Scan# 1877

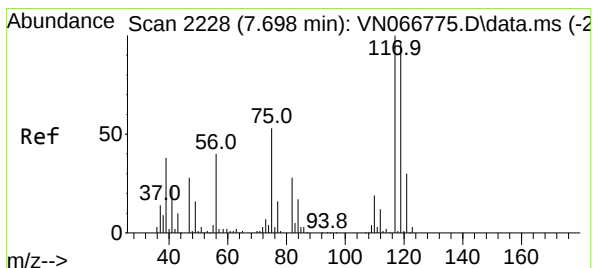
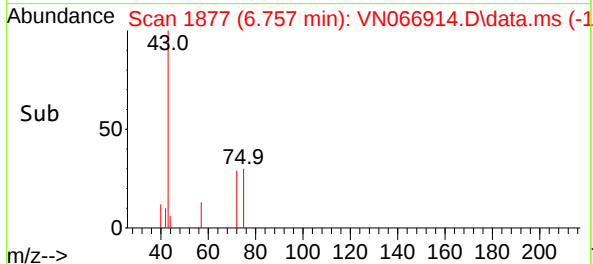
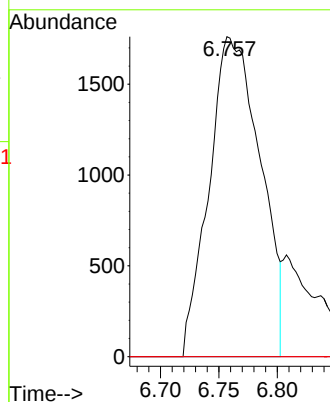
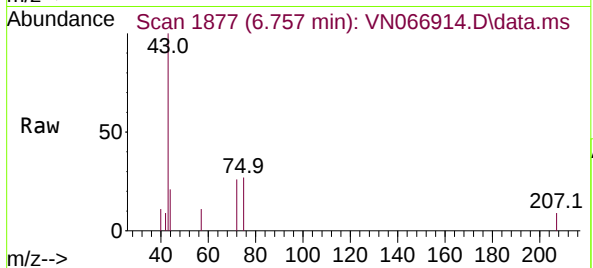
Delta R.T. -0.083 min

Lab File: VN066914.D

Acq: 30 Apr 2021 16:54

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tgt Ion:	43	Resp:	5384
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.20 ug/l

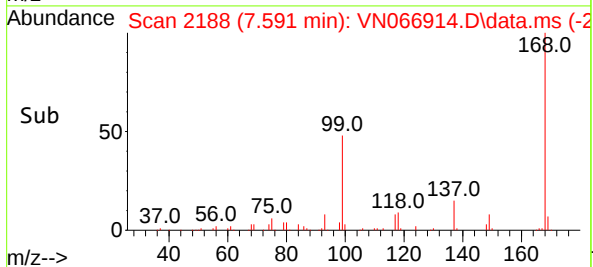
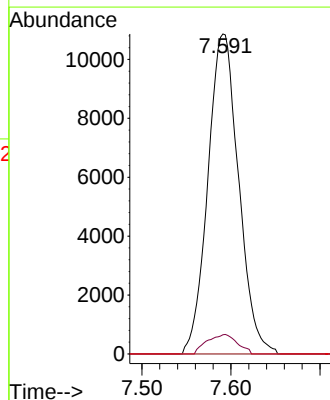
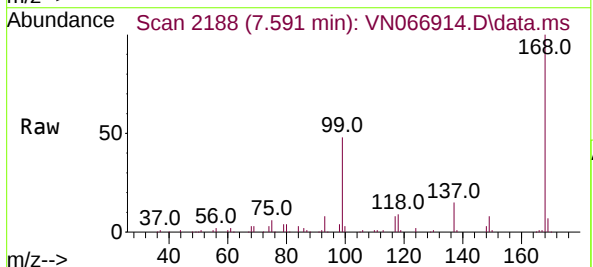
RT: 7.591 min Scan# 2188

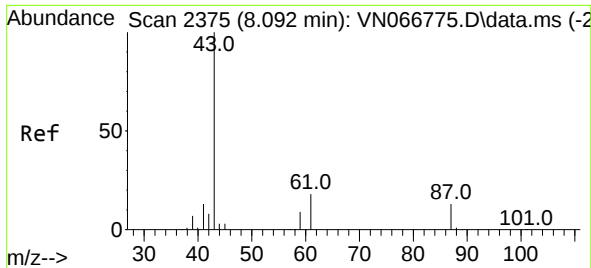
Delta R.T. -0.107 min

Lab File: VN066914.D

Acq: 30 Apr 2021 16:54

Tgt Ion:	117	Resp:	26098
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.0	114.0#
121	0.0	24.5	36.7#

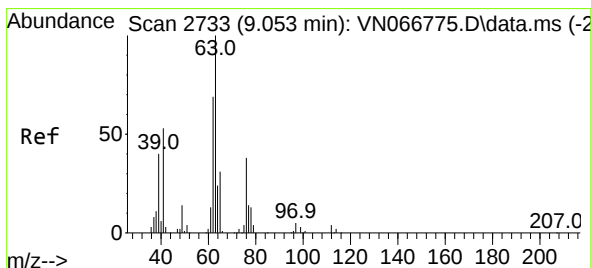
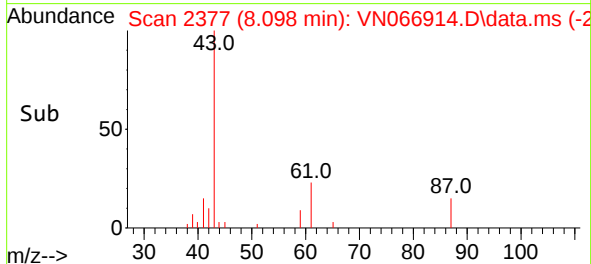
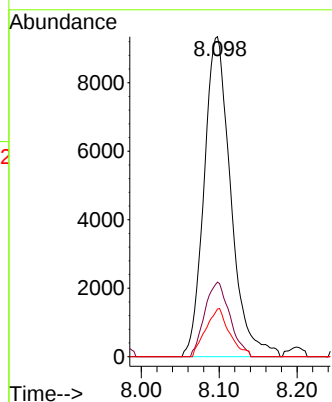
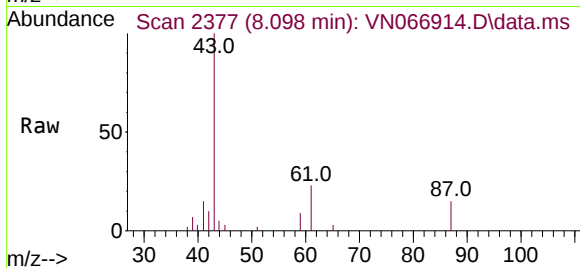




#43
Isopropyl Acetate
Concen: 3.01 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.006 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

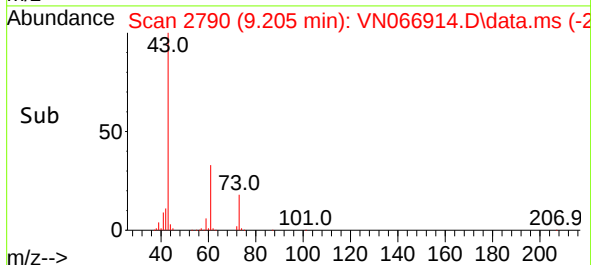
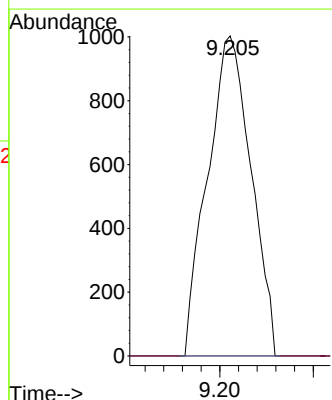
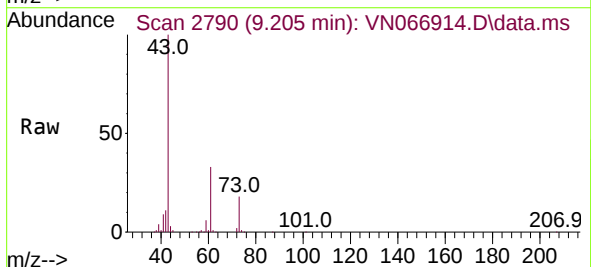
Instrument :
MSVOA_N
ClientSampled :
TP-6

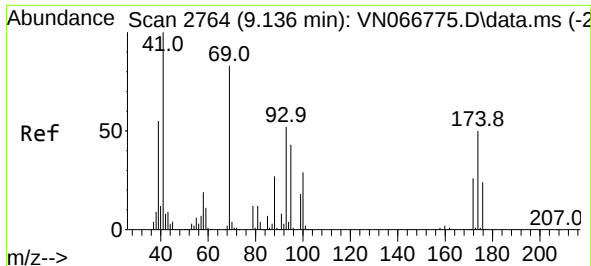
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.9	22.5	33.7#
87	13.4	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.45 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

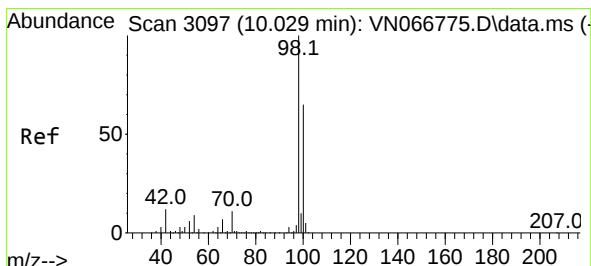
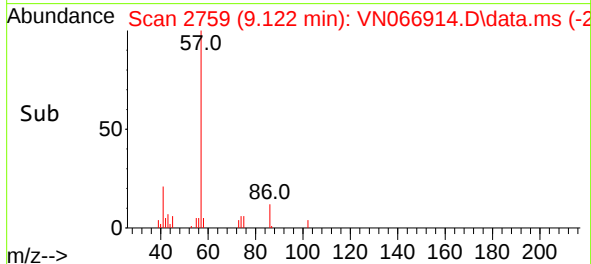
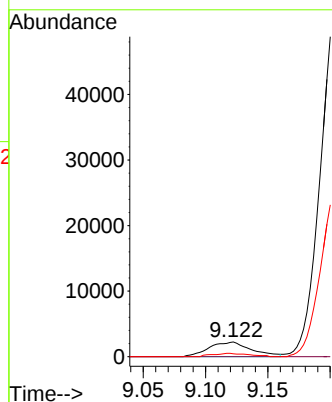
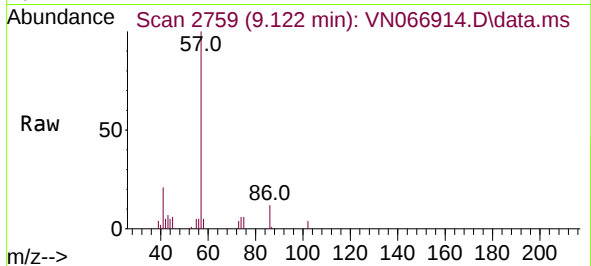




#48
Methyl methacrylate
Concen: 1.63 ug/l
RT: 9.122 min Scan# 2759
Delta R.T. -0.014 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

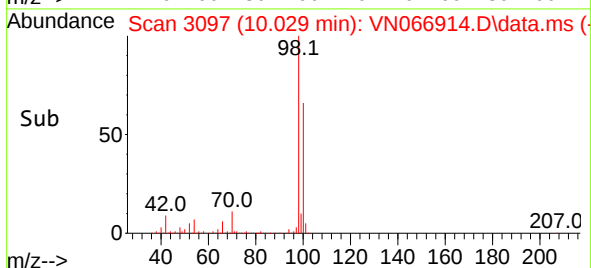
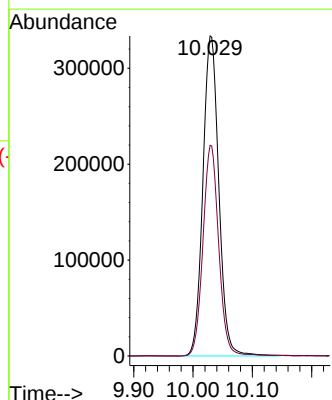
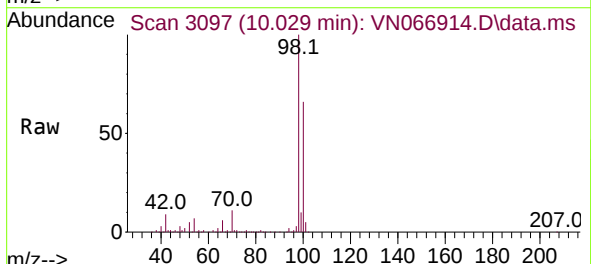
Instrument :
MSVOA_N
ClientSampled :
TP-6

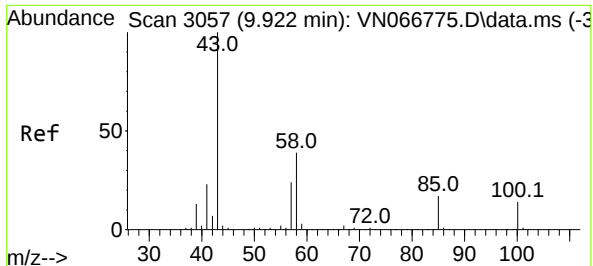
Tgt Ion: 41 Resp: 5266
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.42 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 98 Resp: 622471
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

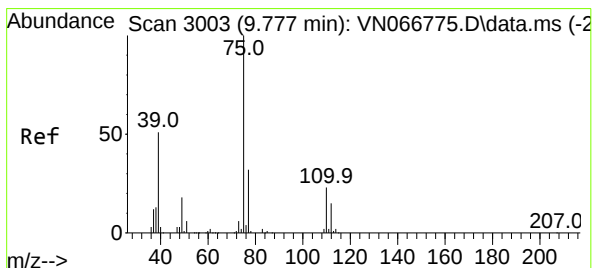
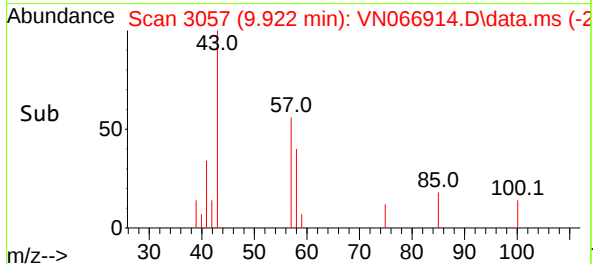
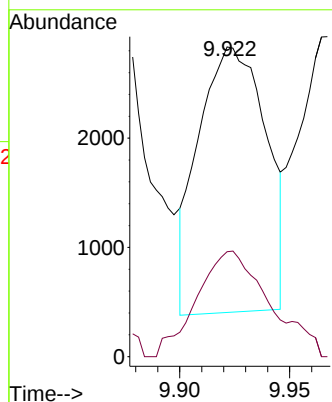
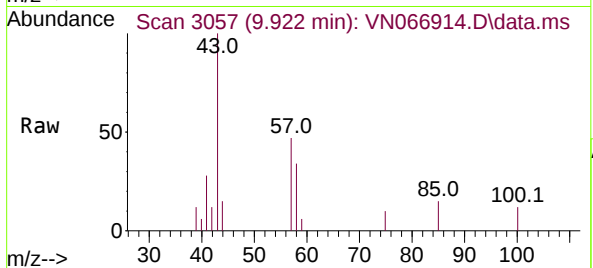




#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

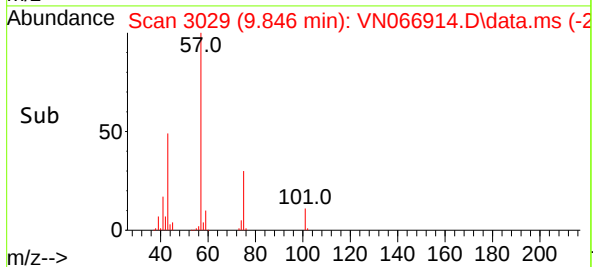
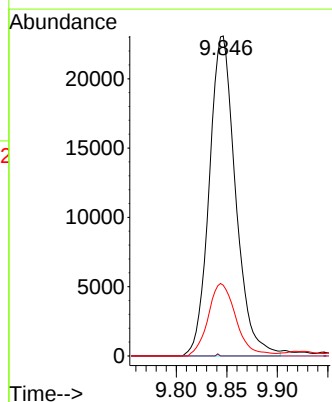
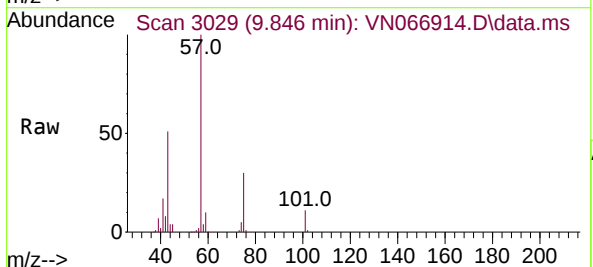
Instrument :
MSVOA_N
ClientSampled :
TP-6

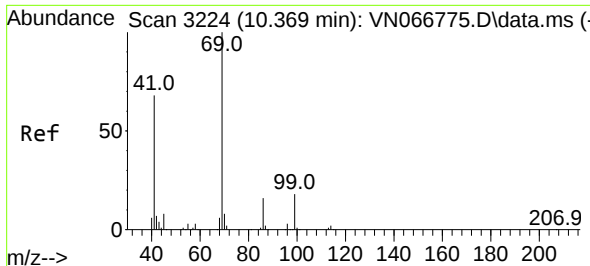
Tgt Ion: 43 Resp: 5156
Ion Ratio Lower Upper
43 100
58 42.9 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.50 ug/l
RT: 9.846 min Scan# 3029
Delta R.T. 0.069 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 75 Resp: 41850
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.1 36.2 54.4#

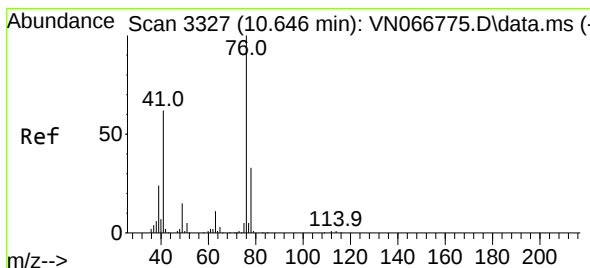
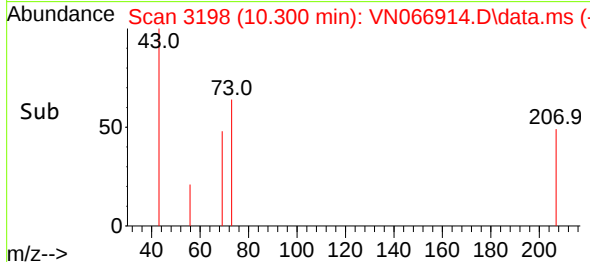
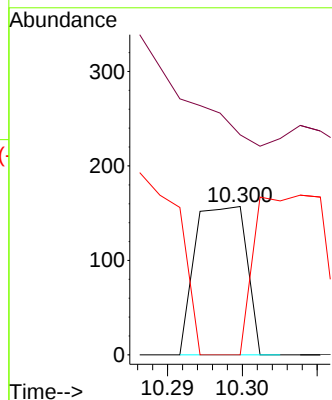
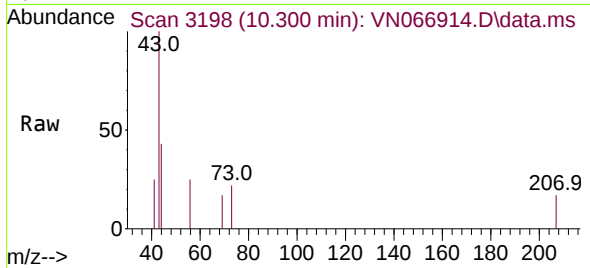




#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.300 min Scan# 3198
Delta R.T. -0.069 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

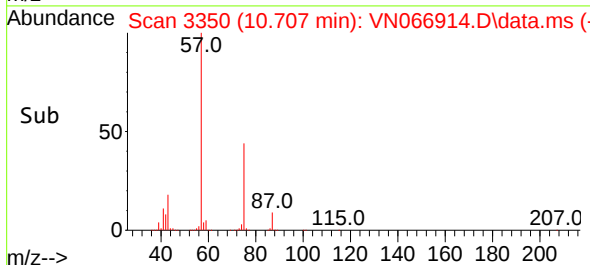
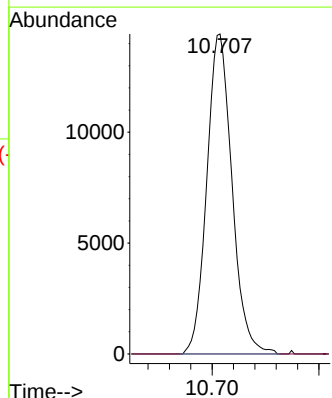
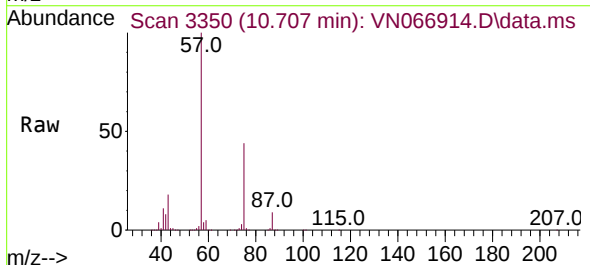
Instrument :
MSVOA_N
ClientSampleId :
TP-6

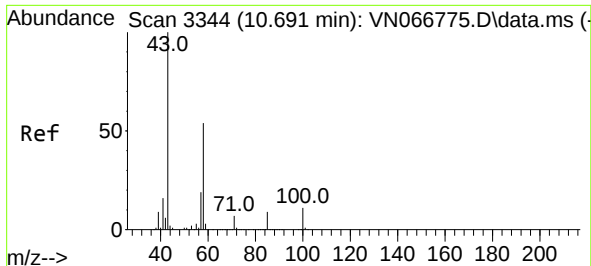
Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.39 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 76 Resp: 23641
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

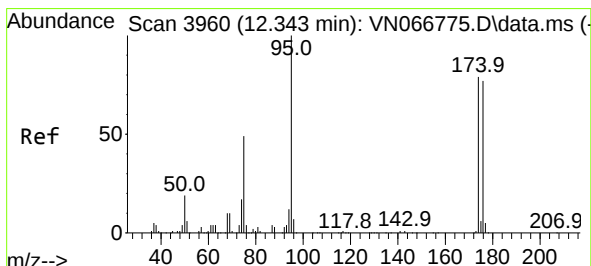
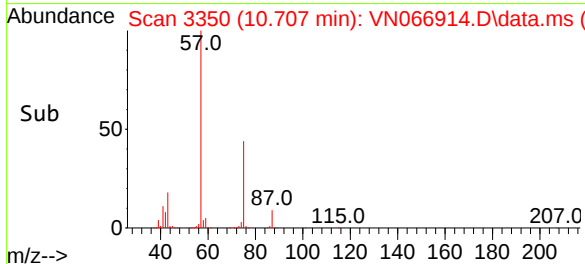
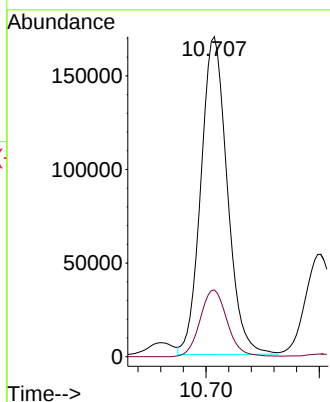
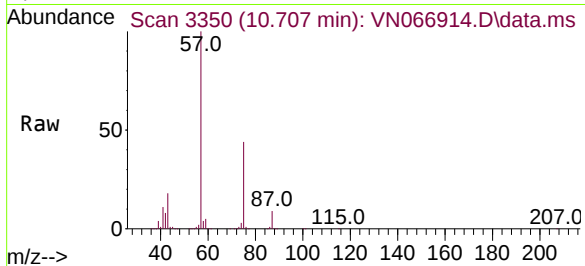




#59
2-Hexanone
Concen: 99.37 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

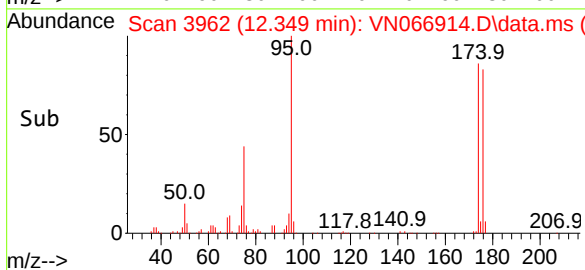
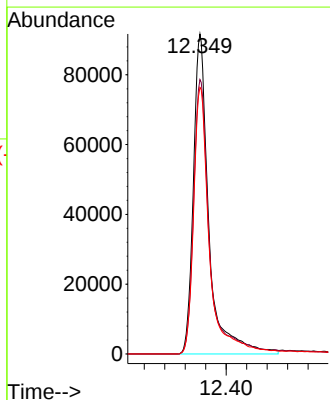
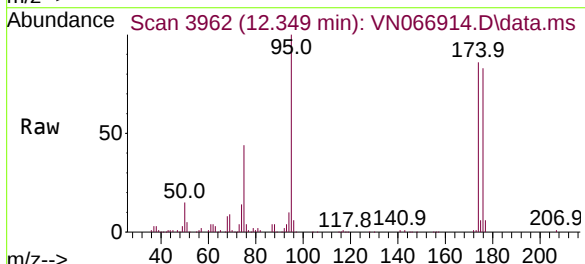
Instrument :
MSVOA_N
ClientSampled :
TP-6

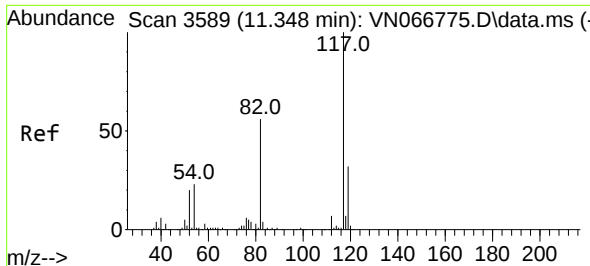
Tgt Ion: 43 Resp: 274201
Ion Ratio Lower Upper
43 100
58 21.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.83 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 95 Resp: 192847
Ion Ratio Lower Upper
95 100
174 88.1 0.0 169.0
176 84.9 0.0 162.4

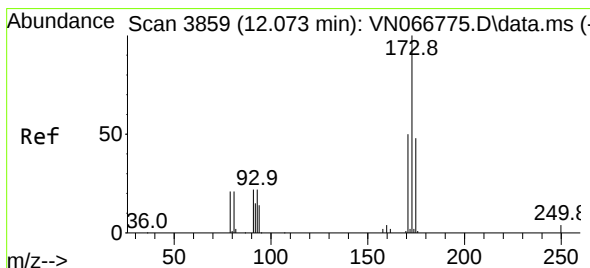
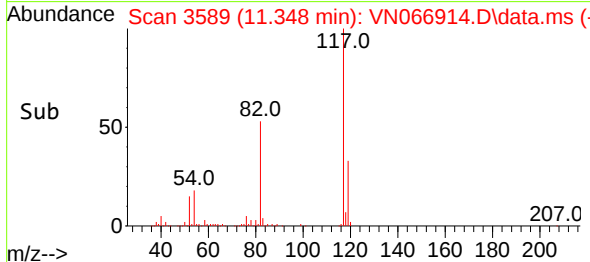
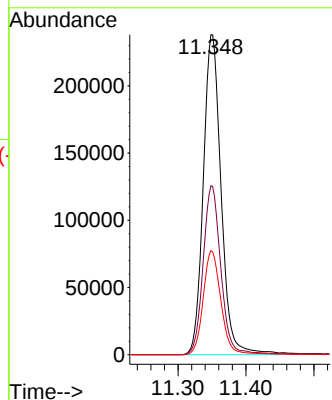
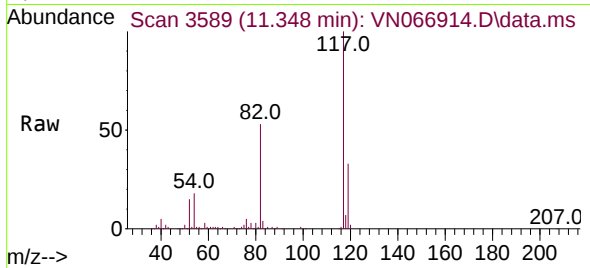




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

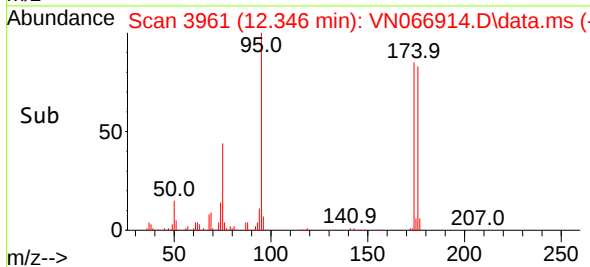
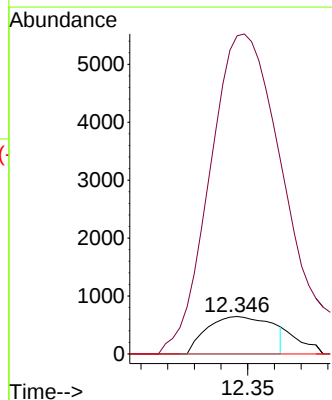
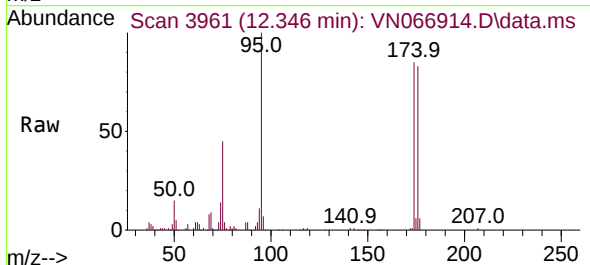
Instrument :
MSVOA_N
ClientSampleId :
TP-6

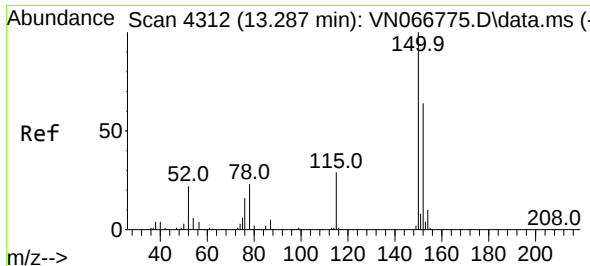
Tgt Ion:117 Resp: 434016
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 0.47 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion:173 Resp: 1100
Ion Ratio Lower Upper
173 100
175 811.3 23.8 71.2#
254 0.0 0.0 0.0

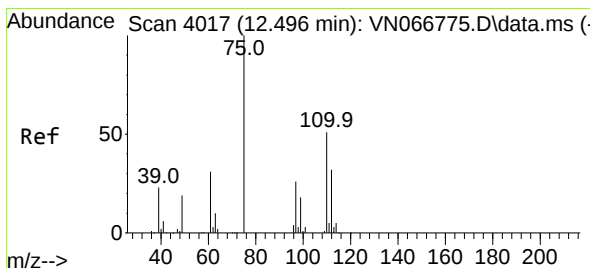
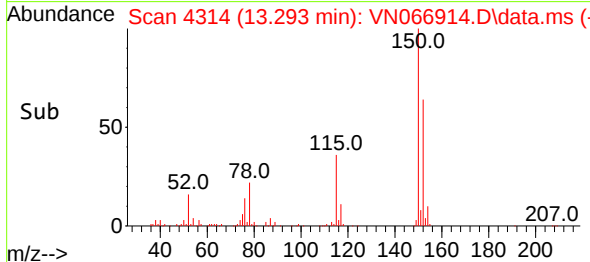
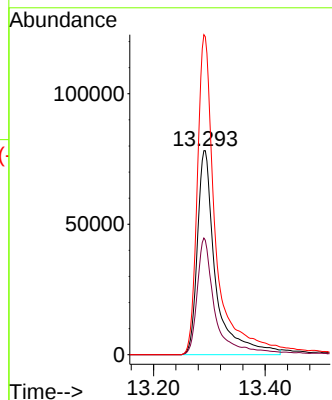
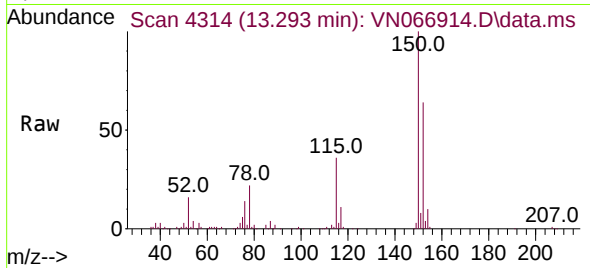




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

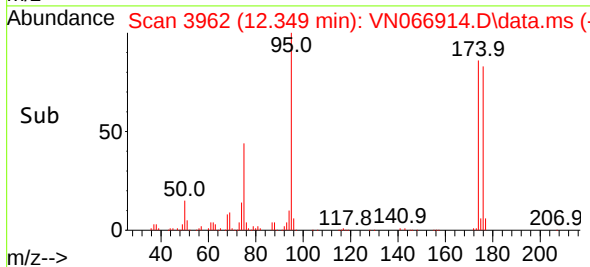
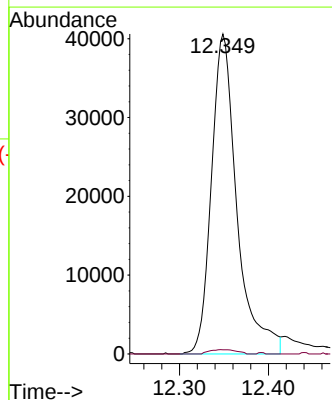
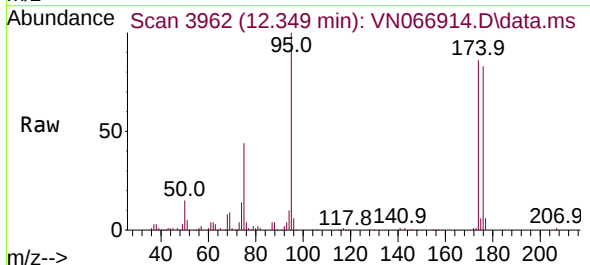
Instrument :
MSVOA_N
ClientSampled :
TP-6

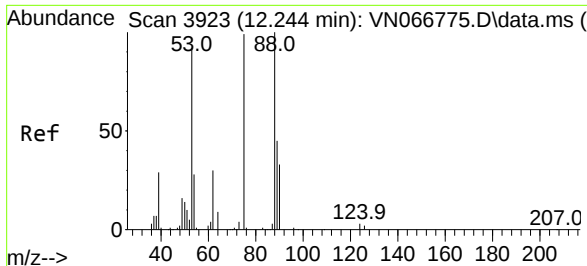
Tgt Ion:152 Resp: 178098
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.6
150 160.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.56 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 75 Resp: 80923
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

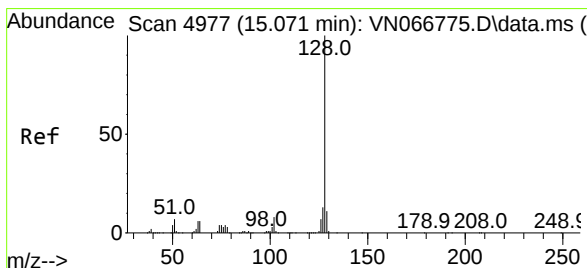
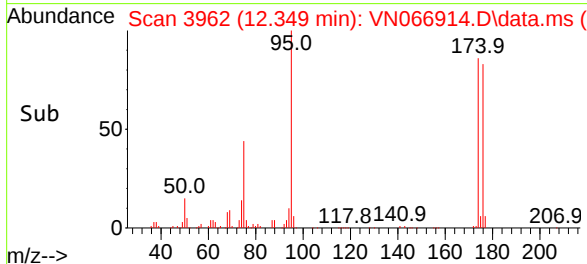
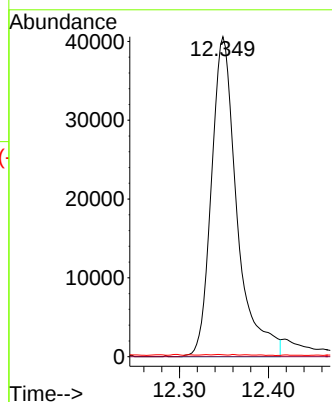
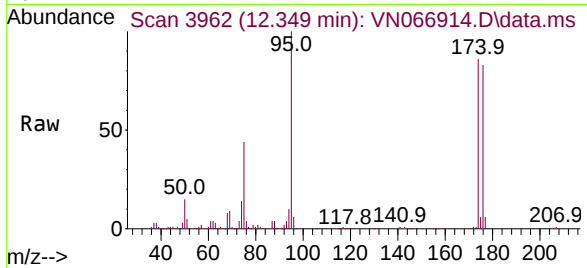




#81
trans-1,4-Dichloro-2-butene
Concen: 58.78 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tgt Ion: 75 Resp: 80923
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#



#95
Naphthalene
Concen: 0.32 ug/l
RT: 15.098 min Scan# 4987
Delta R.T. 0.027 min
Lab File: VN066914.D
Acq: 30 Apr 2021 16:54

Tgt Ion: 128 Resp: 2507
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 2.0 8.6 13.0#

