

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065794.D
 Acq On : 10 Feb 2021 13:02
 Operator : JC/MD
 Sample : M1332-01
 Misc : 2.57g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 10 13:23:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

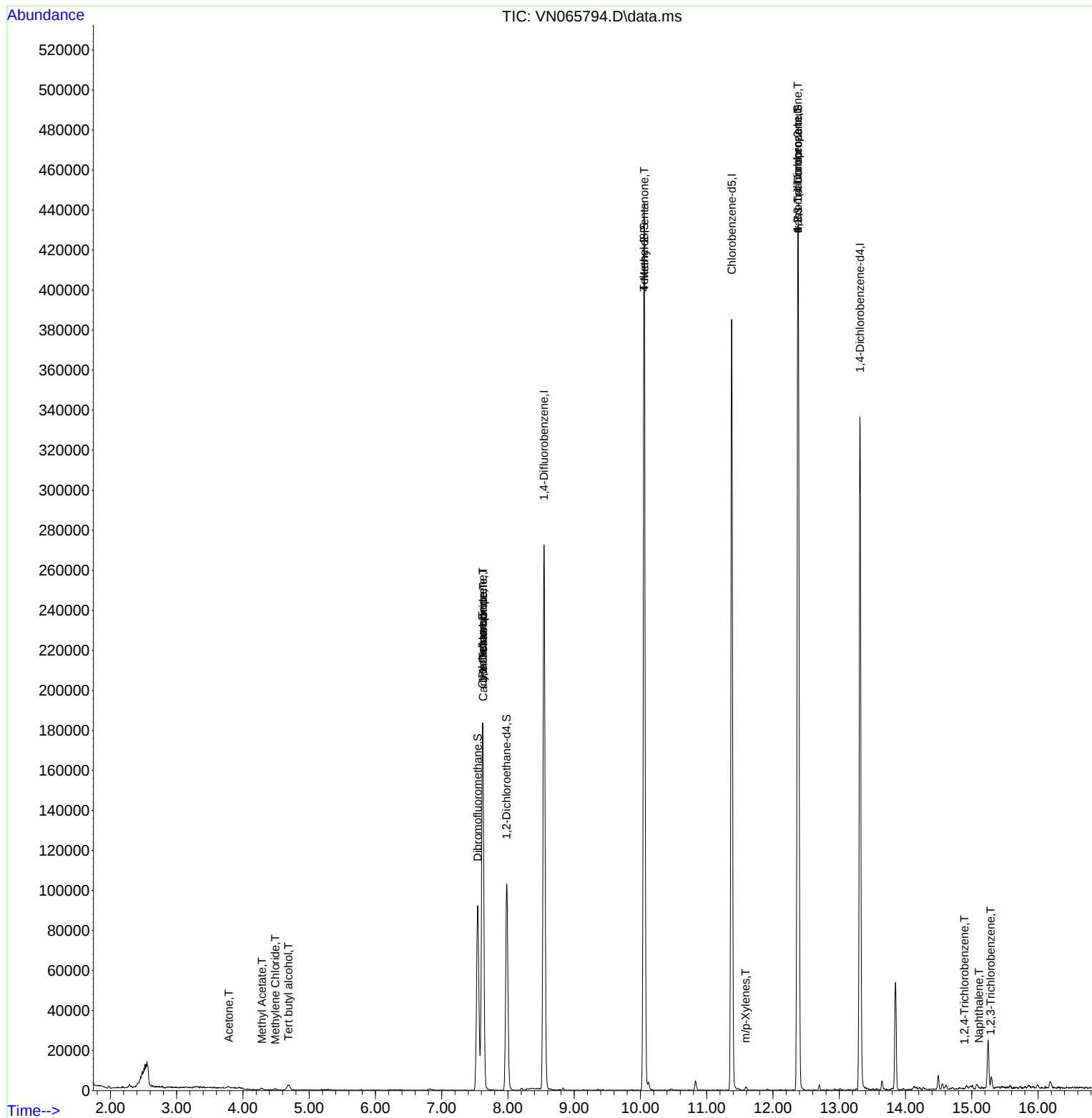
Internal Standards						
1) Pentafluorobenzene	7.618	168	160635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	260559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	236961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	98273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	88968	42.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.20%		
35) Dibromofluoromethane	7.544	113	74260	48.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.18%		
50) Toluene-d8	10.055	98	326399	53.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.56%		
62) 4-Bromofluorobenzene	12.373	95	113294	51.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.68%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.685	59	2910	7.35	ug/l #	73
16) Acetone	3.785	43	659	0.80	ug/l #	41
18) Methyl Acetate	4.287	43	1768	0.77	ug/l #	54
20) Methylene Chloride	4.489	84	561	0.25	ug/l #	73
31) Cyclohexane	7.614	56	2474	0.62	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	11012	4.20	ug/l #	47
38) Carbon Tetrachloride	7.624	117	14515	6.72	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1269	0.52	ug/l #	1
68) m/p-Xylenes	11.589	106	724	0.21	ug/l	96
76) 1,2,3-Trichloropropane	12.373	75	52859	20.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	52859	52.69	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.891	180	59	3.39	ug/l #	51
95) Naphthalene	15.109	128	701	3.55	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	191	2.94	ug/l #	26

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

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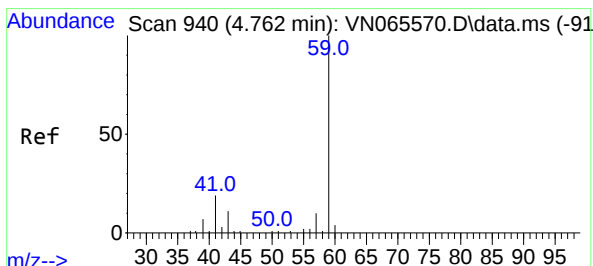
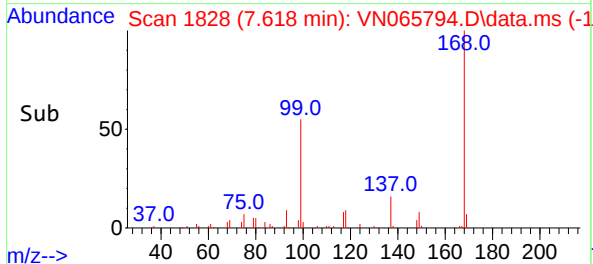
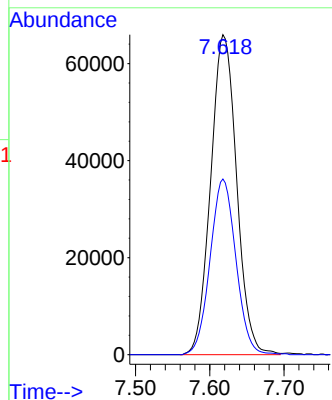
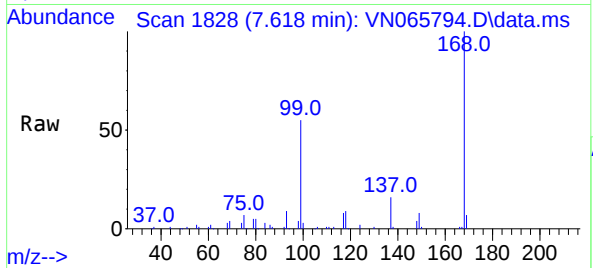




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

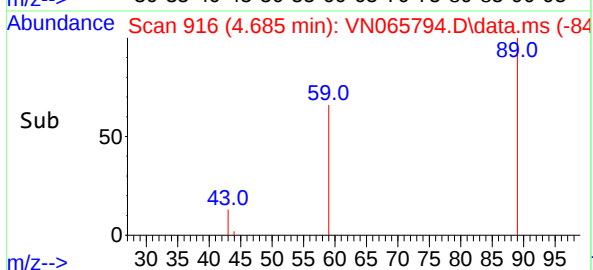
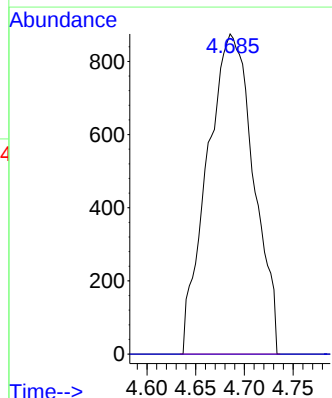
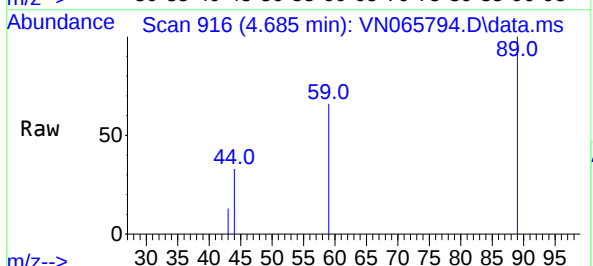
Instrument :
MSVOA_N
ClientSampled :

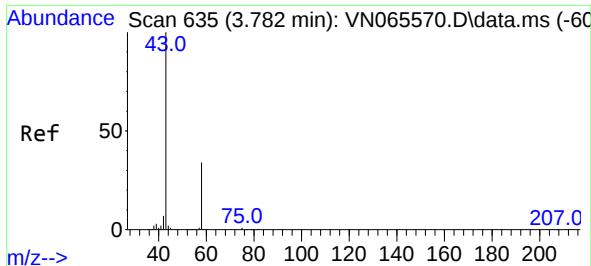
Tgt Ion:168 Resp: 160635
Ion Ratio Lower Upper
168 100
99 54.9 42.6 63.8



#11
Tert butyl alcohol
Concen: 7.35 ug/l
RT: 4.685 min Scan# 916
Delta R.T. -0.077 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Tgt Ion: 59 Resp: 2910
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

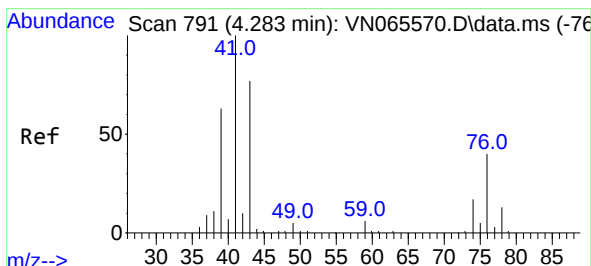
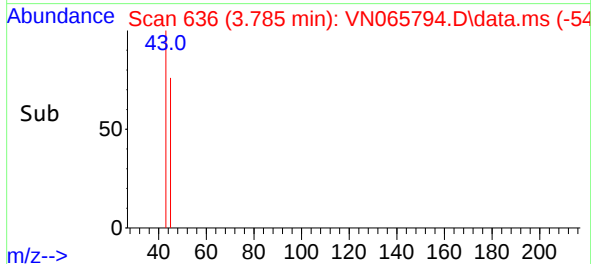
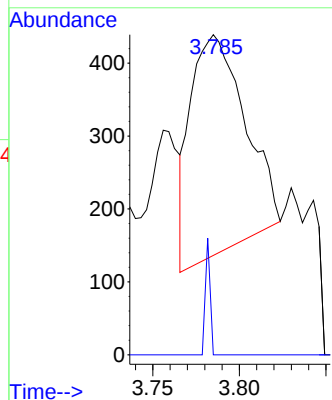
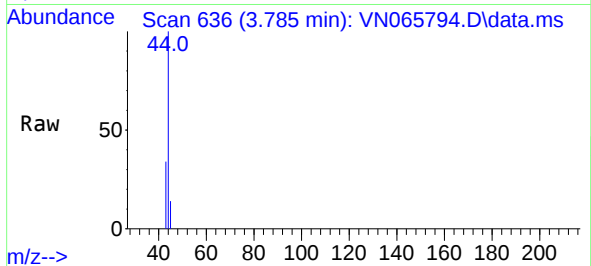




#16
Acetone
Concen: 0.80 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

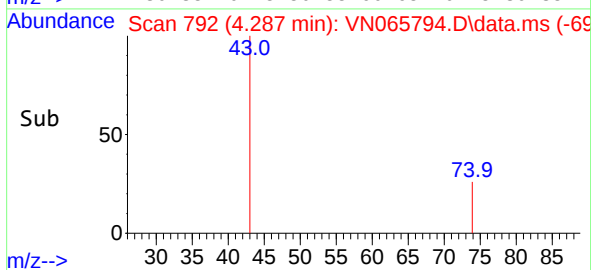
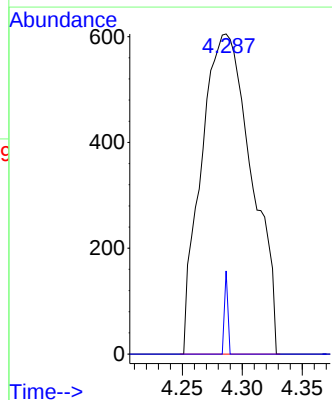
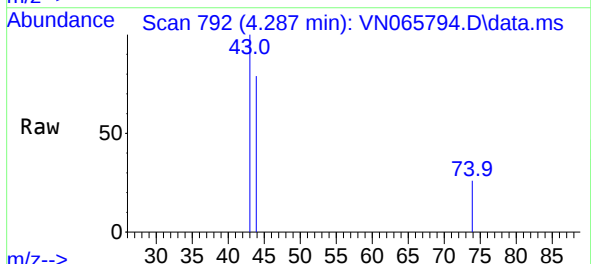
Instrument :
MSVOA_N
ClientSampled :

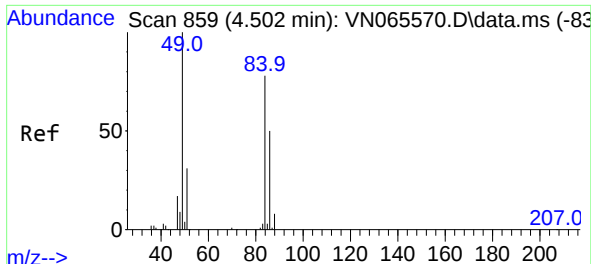
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 0.77 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

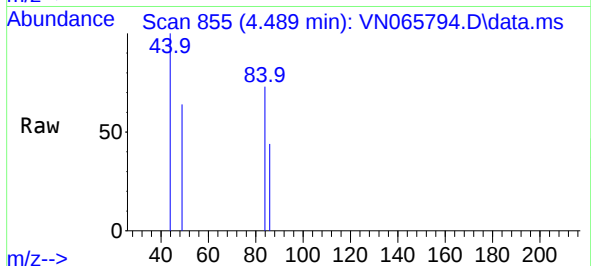
Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
74 1.7 19.5 29.3#





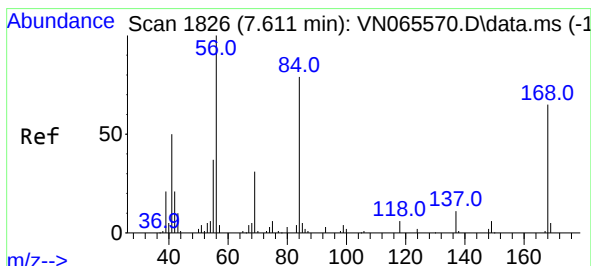
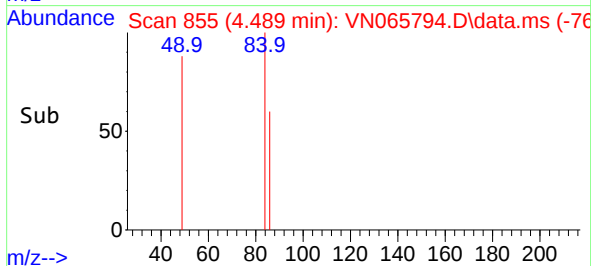
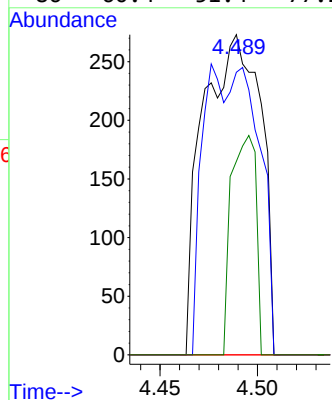
#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.489 min Scan# 855
Delta R.T. -0.013 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 561

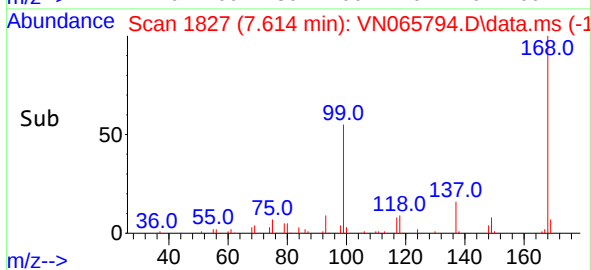
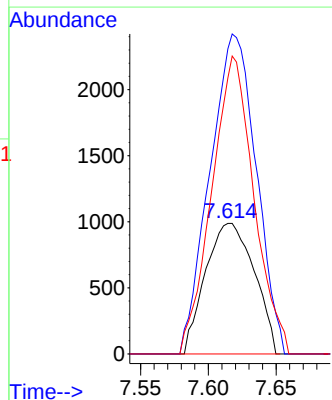
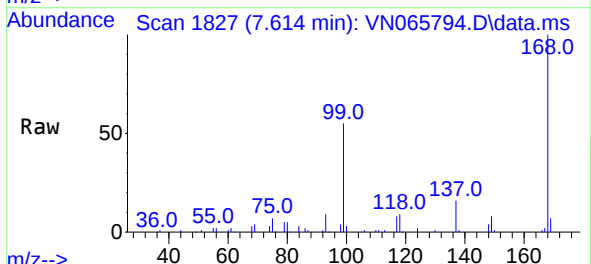
Ion	Ratio	Lower	Upper
84	100		
49	88.3	94.6	141.8#
51	0.0	29.9	44.9#
86	60.4	51.4	77.2

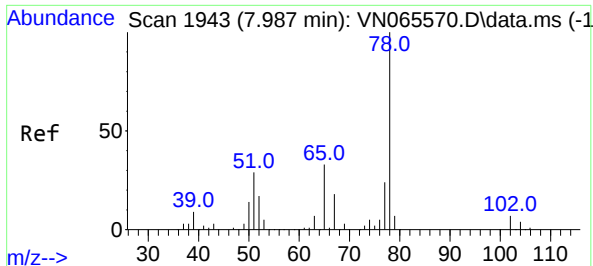


#31
Cyclohexane
Concen: 0.62 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Tgt Ion: 56 Resp: 2474

Ion	Ratio	Lower	Upper
56	100		
69	233.7	26.6	39.8#
84	211.3	70.4	105.6#

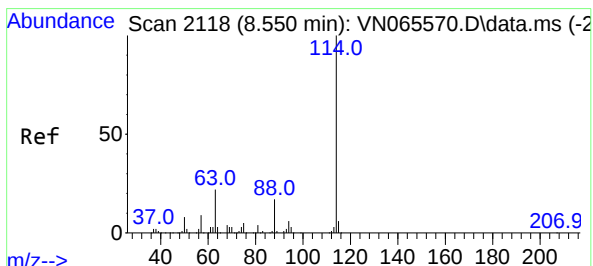
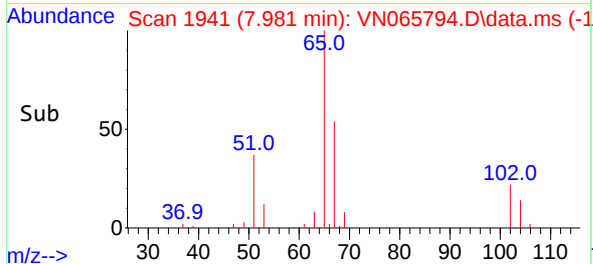
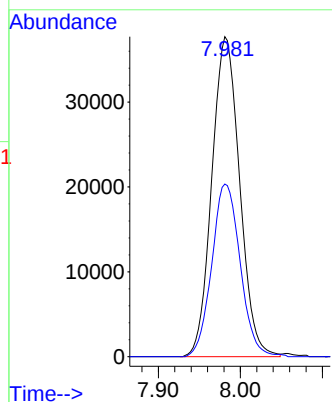
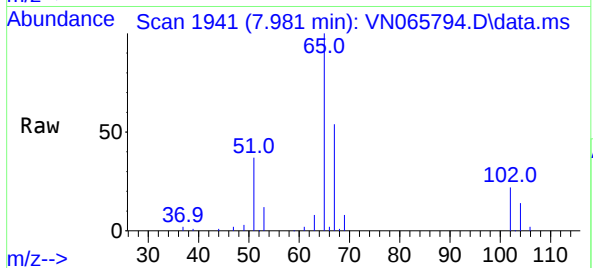




#33
1,2-Dichloroethane-d4
Concen: 42.10 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

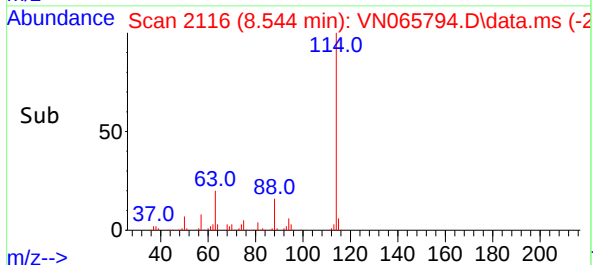
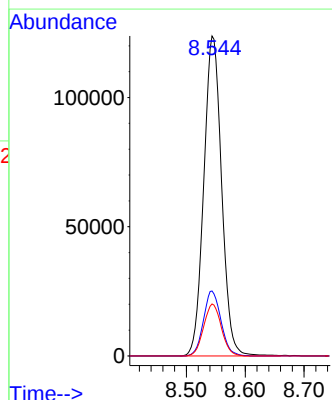
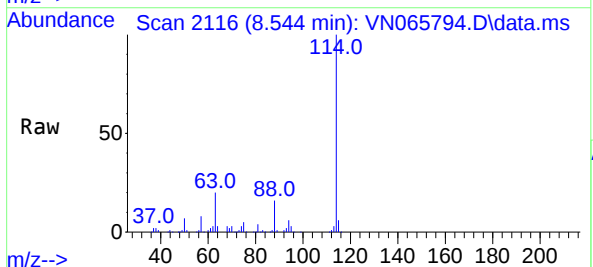
Instrument :
MSVOA_N
ClientSampled :

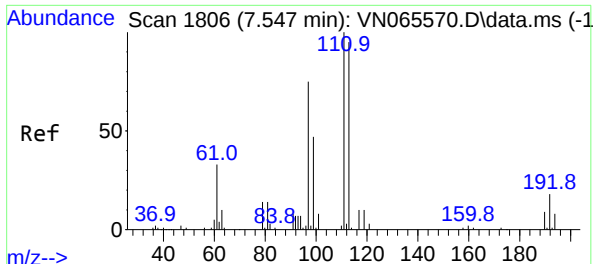
Tgt Ion: 65 Resp: 88968
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Tgt Ion: 114 Resp: 260559
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.3 0.0 30.6

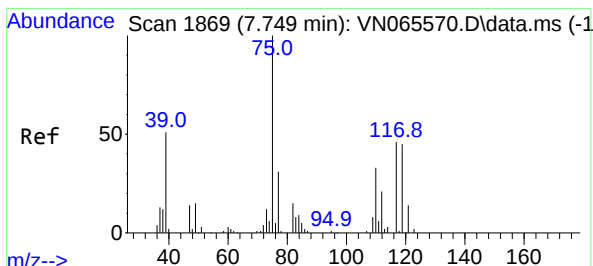
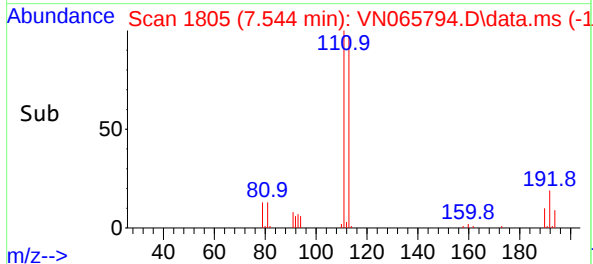
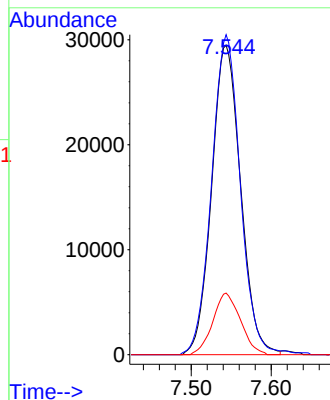
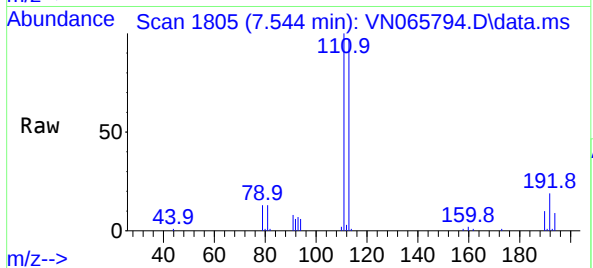




#35
Dibromofluoromethane
Concen: 48.09 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

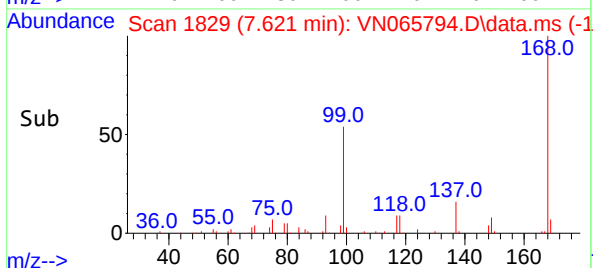
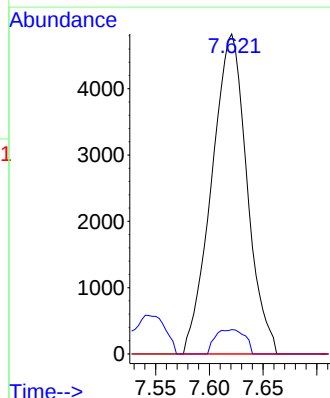
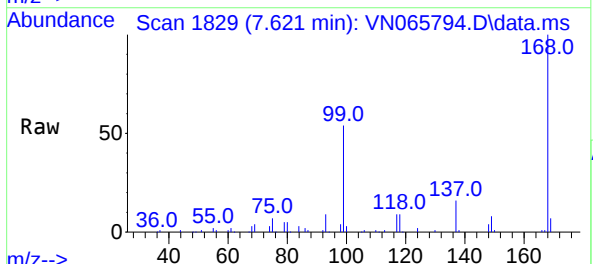
Instrument :
MSVOA_N
ClientSampled :

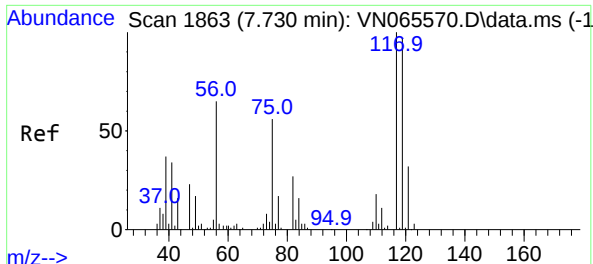
Tgt Ion:113 Resp: 74260
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

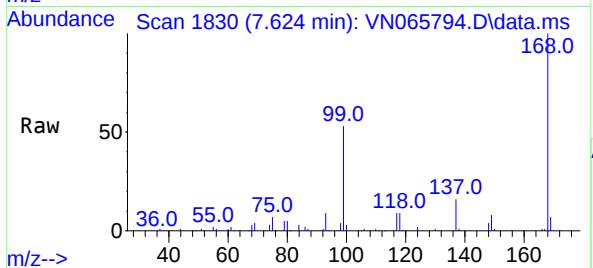
Tgt Ion: 75 Resp: 11012
Ion Ratio Lower Upper
75 100
110 6.4 18.2 54.6#
77 0.0 24.9 37.3#



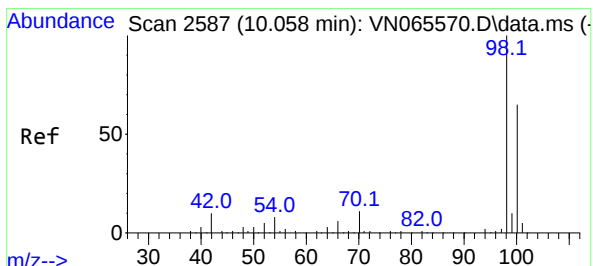
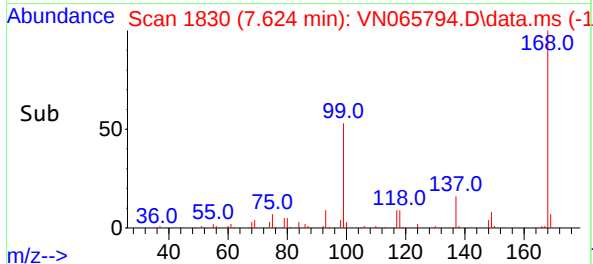
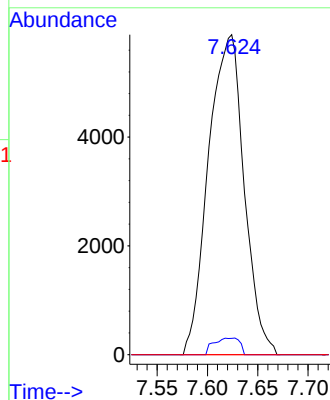


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Instrument :
MSVOA_N
ClientSampled :

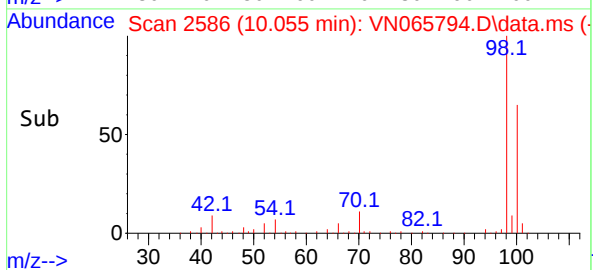
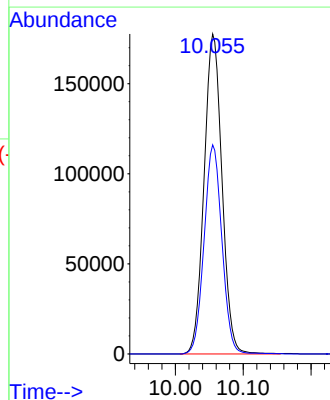
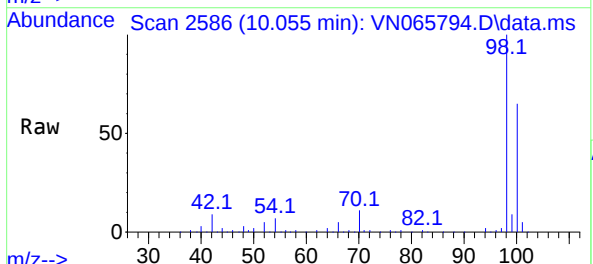


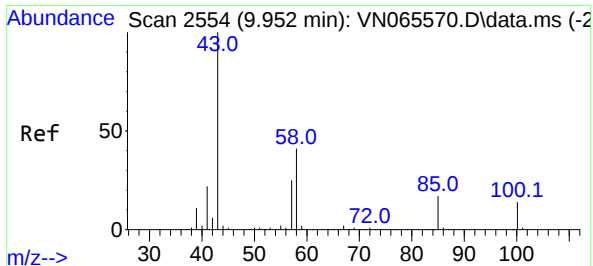
Tgt Ion:117 Resp: 14515
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.78 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Tgt Ion: 98 Resp: 326399
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

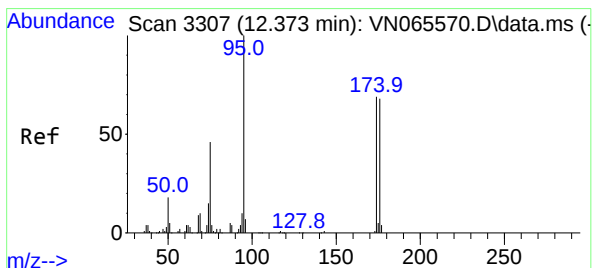
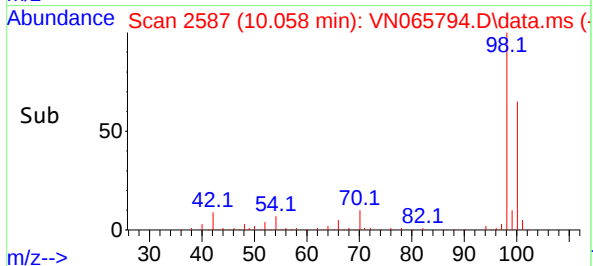
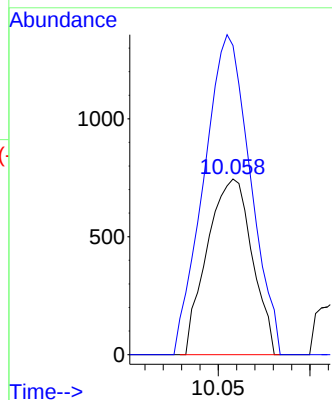
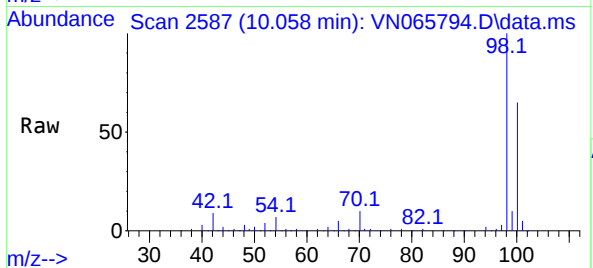




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

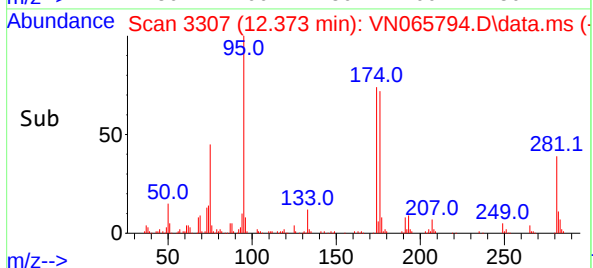
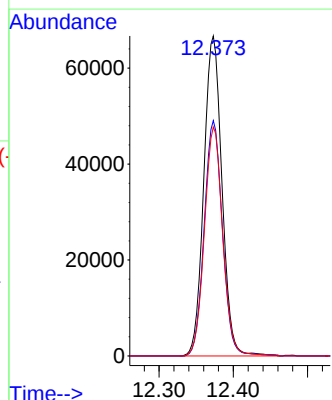
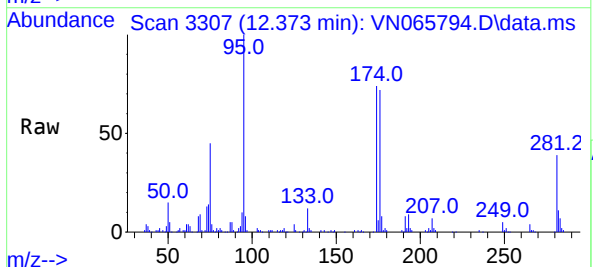
Instrument :
MSVOA_N
ClientSampled :

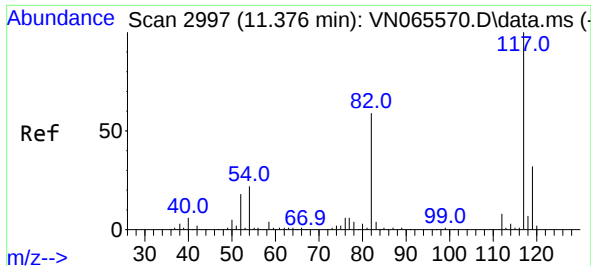
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 188.2 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 51.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

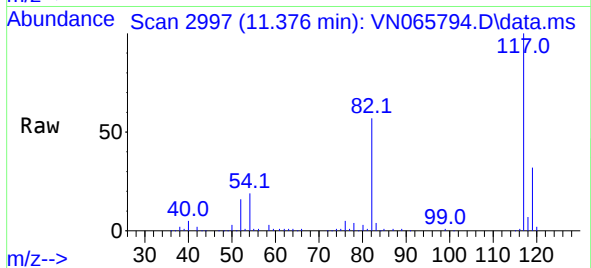
Tgt Ion: 95 Resp: 113294
Ion Ratio Lower Upper
95 100
174 73.9 0.0 169.0
176 71.6 0.0 162.4



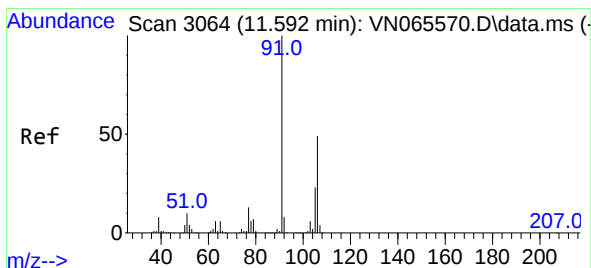
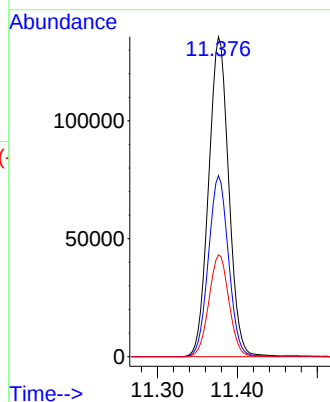
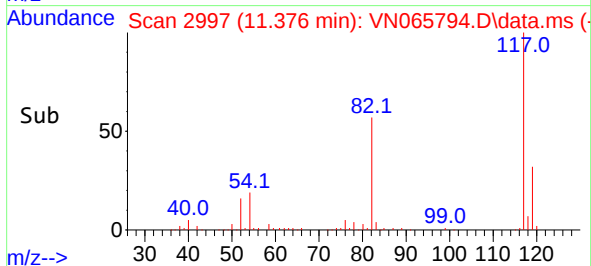


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

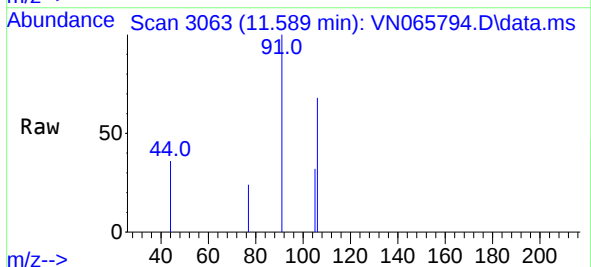
Instrument :
MSVOA_N
ClientSampled :



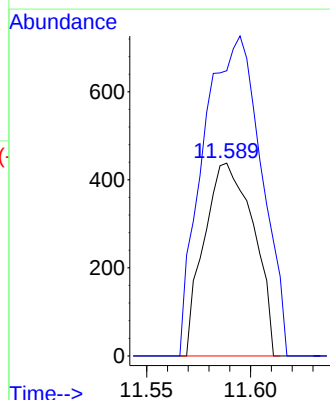
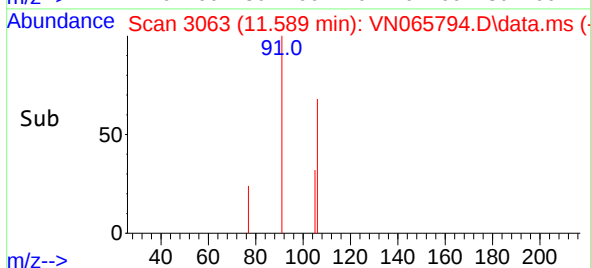
Tgt Ion:117 Resp: 236961
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 31.8 26.1 39.1

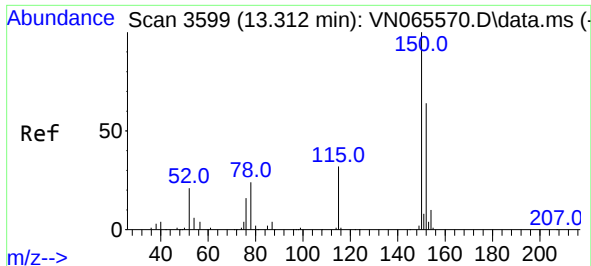


#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02



Tgt Ion:106 Resp: 724
Ion Ratio Lower Upper
106 100
91 195.0 161.4 242.0

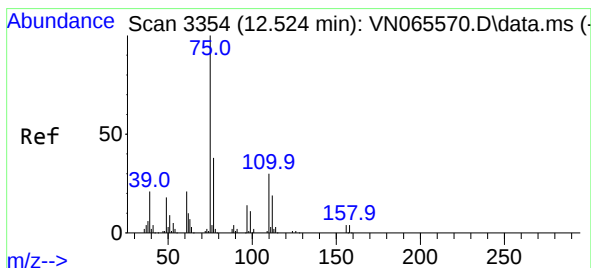
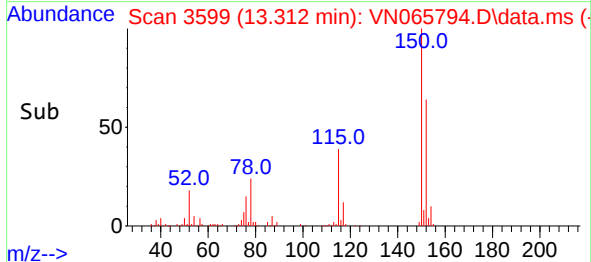
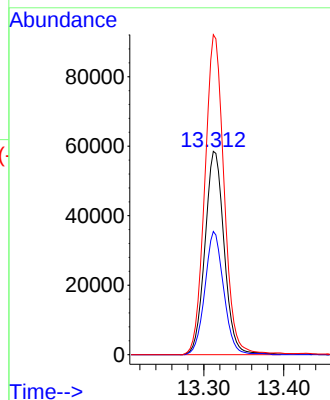
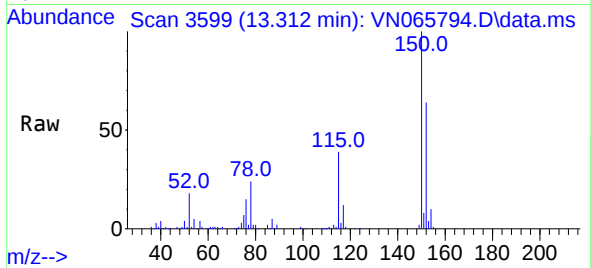




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

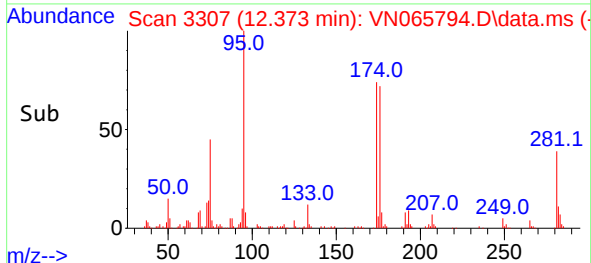
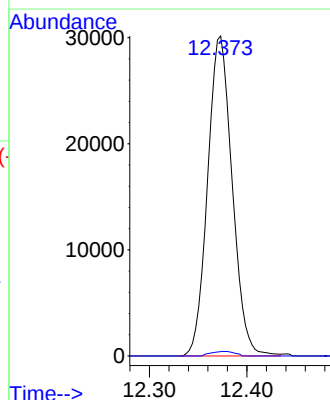
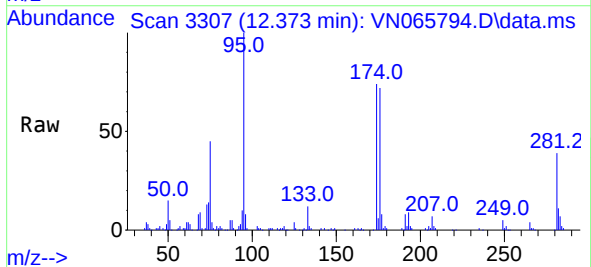
Instrument :
MSVOA_N
ClientSampled :

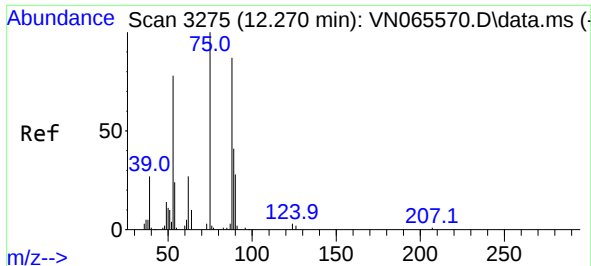
Tgt Ion:152 Resp: 98273
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 20.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

Tgt Ion: 75 Resp: 52859
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

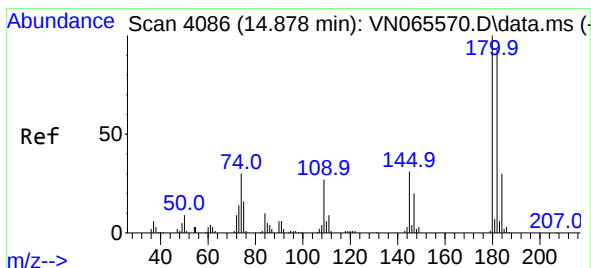
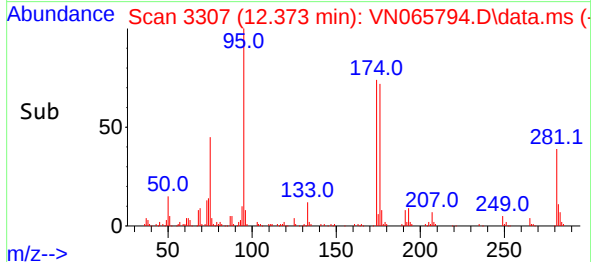
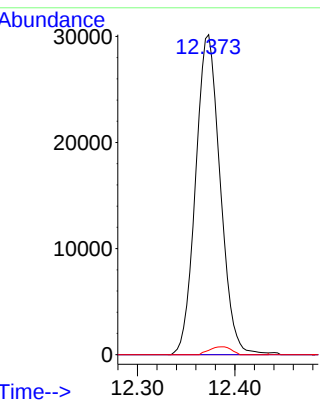
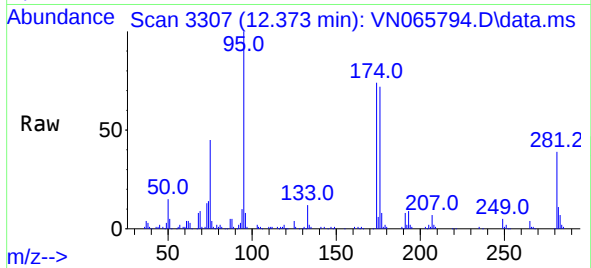




#81
trans-1,4-Dichloro-2-butene
Concen: 52.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

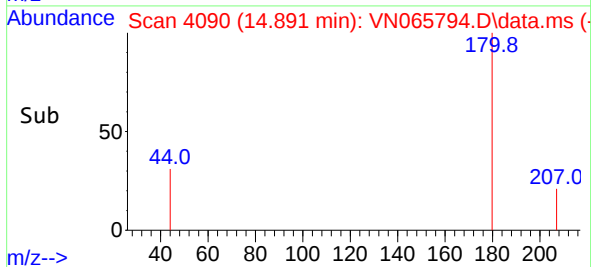
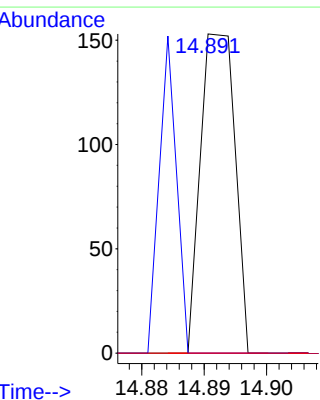
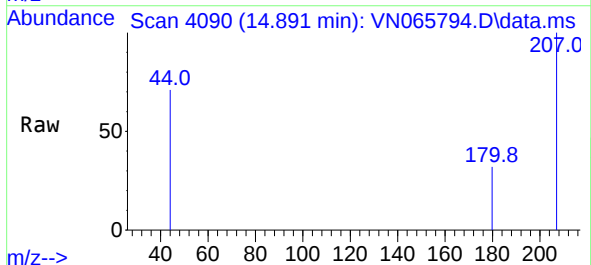
Instrument :
MSVOA_N
ClientSampled :

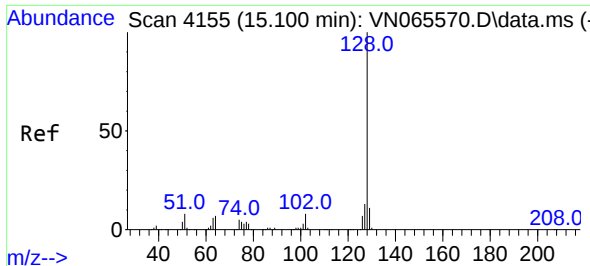
Tgt Ion: 75 Resp: 52859
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 2.2 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.39 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.013 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

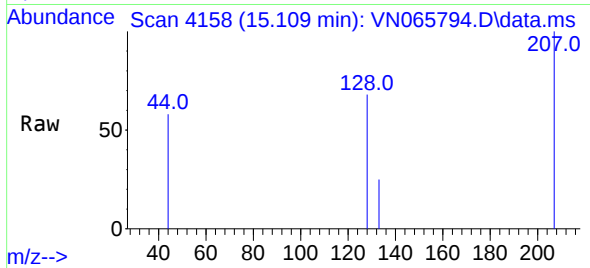
Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 49.2 47.3 142.0
145 0.0 15.6 46.8#



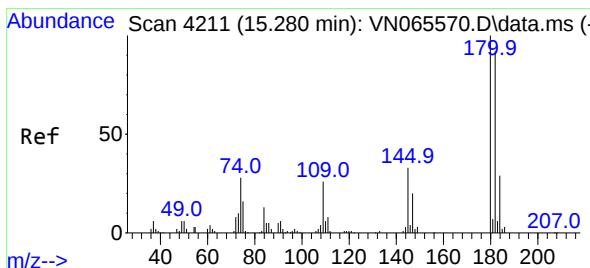
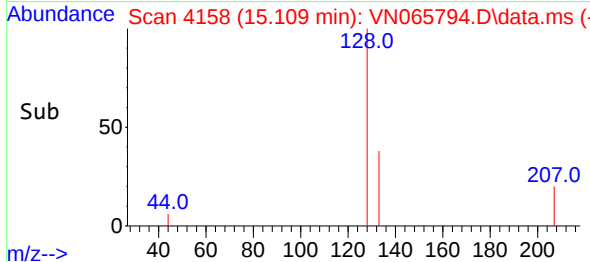
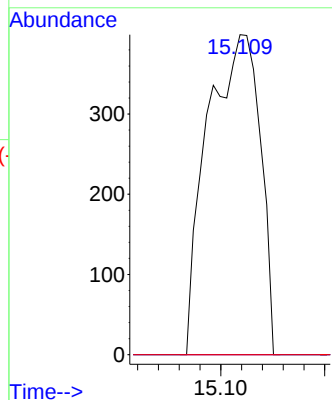


#95
Naphthalene
Concen: 3.55 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02

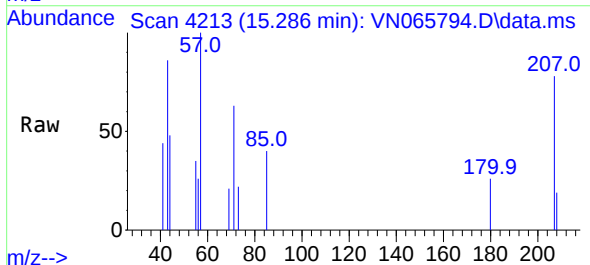
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 701
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.94 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.006 min
Lab File: VN065794.D
Acq: 10 Feb 2021 13:02



Tgt Ion:180 Resp: 191
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 30.9 16.5 49.5

