

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065275.D
 Acq On : 28 Dec 2020 10:31
 Operator : JC/MD
 Sample : VN1228MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228MBL01

Quant Time: Dec 29 02:18:33 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

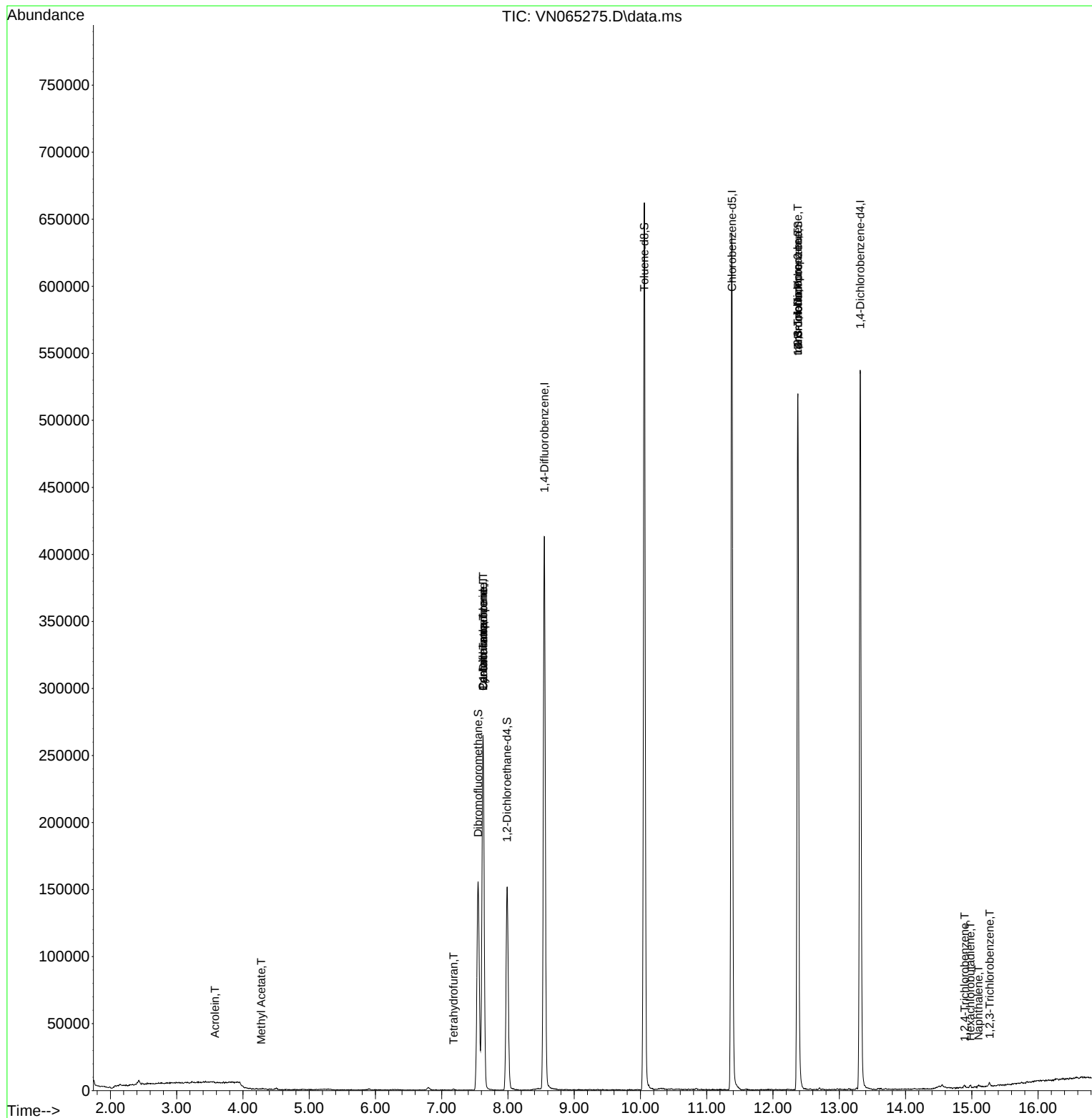
Internal Standards						
1) Pentafluorobenzene	7.624	168	237908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	392285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	399291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134165	49.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.90%		
35) Dibromofluoromethane	7.550	113	119927	50.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.34%		
50) Toluene-d8	10.058	98	480916	54.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.44%		
62) 4-Bromofluorobenzene	12.376	95	185093	52.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.96%		
Target Compounds					Qvalue	
13) Acrolein	3.579	56	233	3.19	ug/l #	31
16) Acetone	3.779	43	480	Below Cal	#	43
18) Methyl Acetate	4.277	43	610	0.25	ug/l #	50
29) Tetrahydrofuran	7.180	42	705	0.72	ug/l #	32
31) Cyclohexane	7.624	56	4045	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15654	4.39	ug/l #	49
38) Carbon Tetrachloride	7.624	117	20569	5.49	ug/l #	16
71) Bromoform	12.376	173	1125	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	90908	27.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	90908	68.68	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.894	180	765	3.06	ug/l #	77
94) Hexachlorobutadiene	14.981	225	547	0.26	ug/l	98
95) Naphthalene	15.103	128	2696	3.67	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.270	180	1119	3.57	ug/l	85

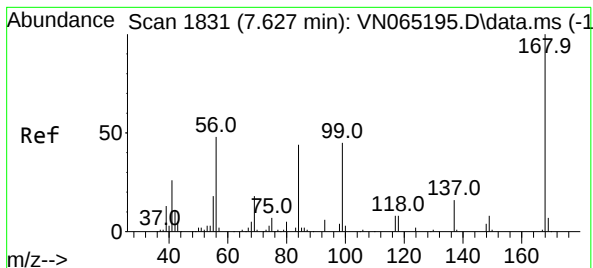
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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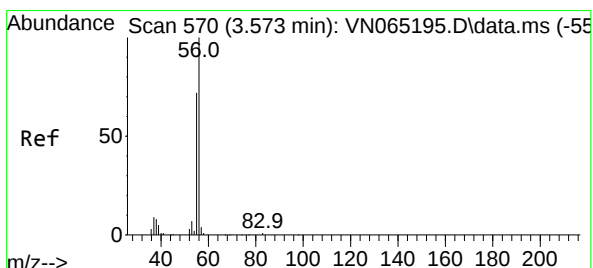
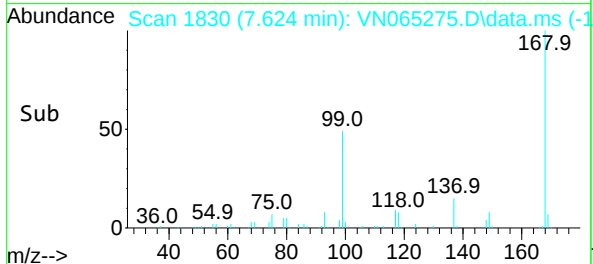
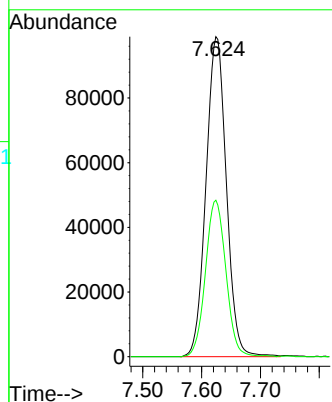
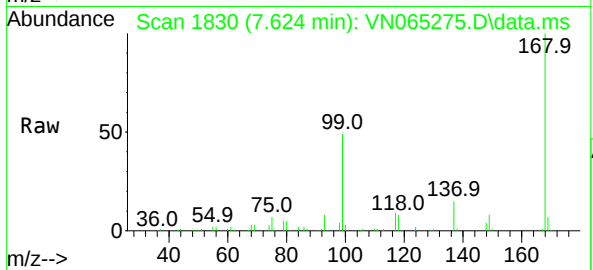




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

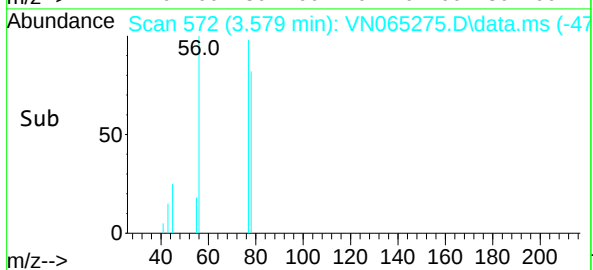
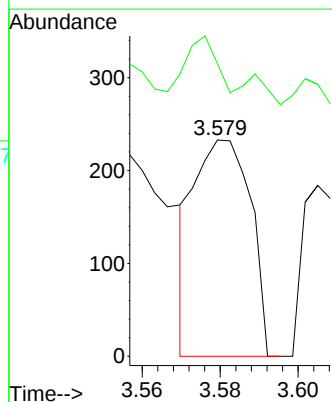
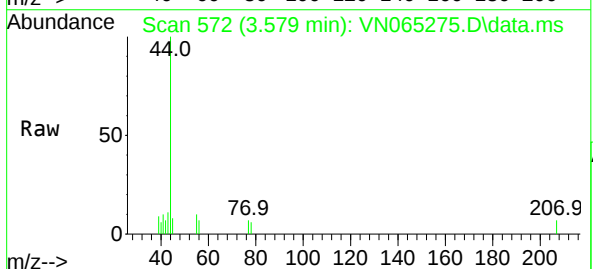
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

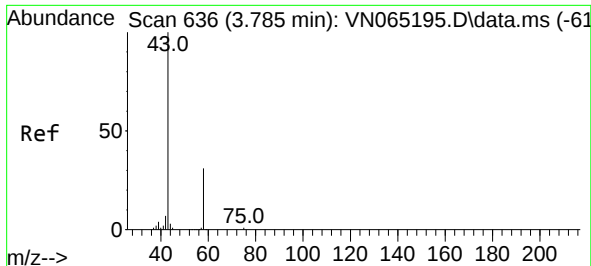
Tgt Ion:168 Resp: 237908
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.4



#13
Acrolein
Concen: 3.19 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 13.7 56.5 84.7#

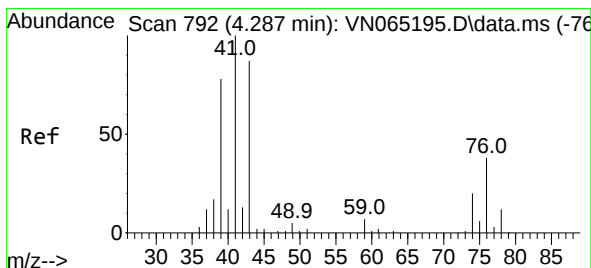
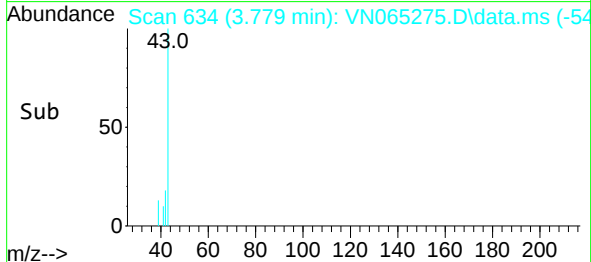
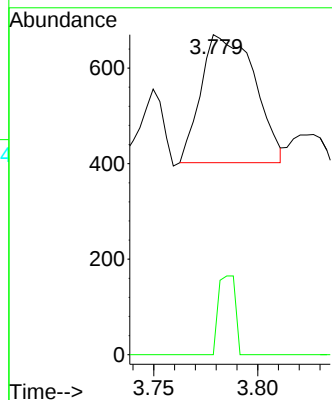
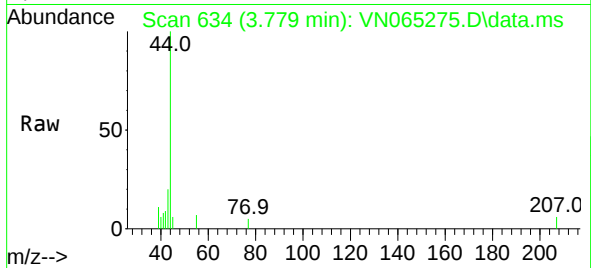




#16
Acetone
Concen: Below Cal
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

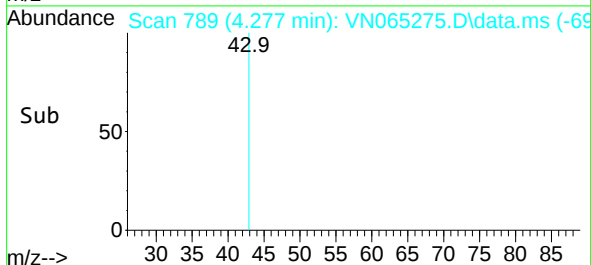
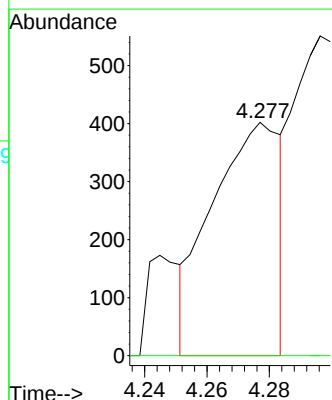
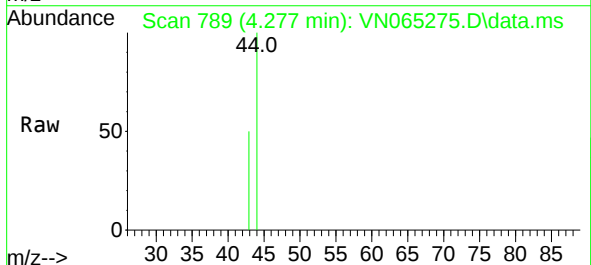
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

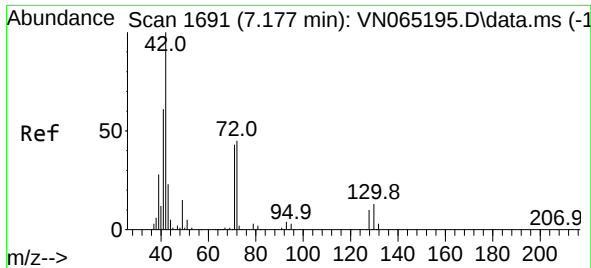
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.010 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.72 ug/l

RT: 7.180 min Scan# 1692

Delta R.T. 0.003 min

Lab File: VN065275.D

Acq: 28 Dec 2020 10:31

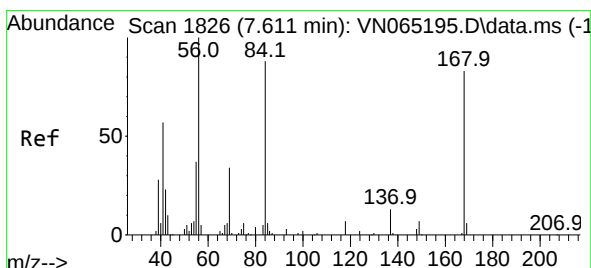
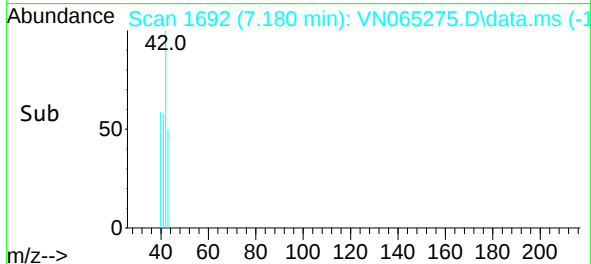
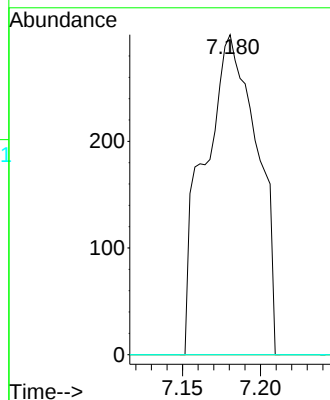
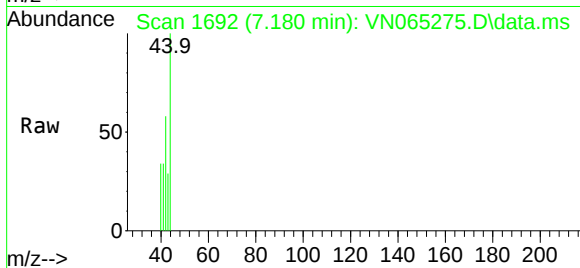
Instrument :

MSVOA_N

ClientSampleId :

VN1228MBL01

Tgt Ion:	42	Resp:	705
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.02 ug/l

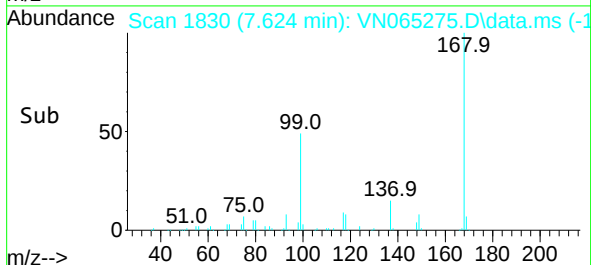
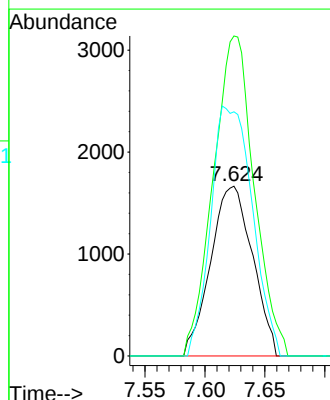
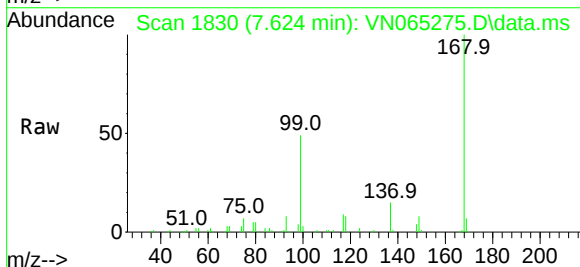
RT: 7.624 min Scan# 1830

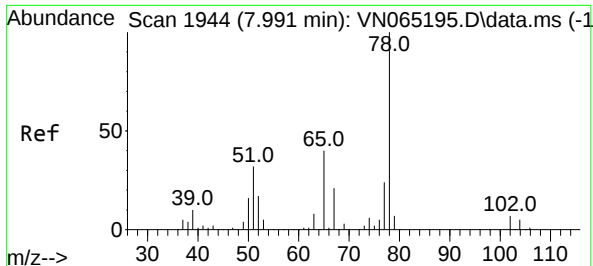
Delta R.T. 0.013 min

Lab File: VN065275.D

Acq: 28 Dec 2020 10:31

Tgt Ion:	56	Resp:	4045
Ion	Ratio	Lower	Upper
56	100		
69	188.4	27.5	41.3#
84	143.8	73.9	110.9#

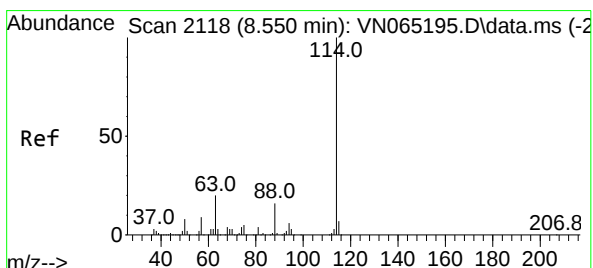
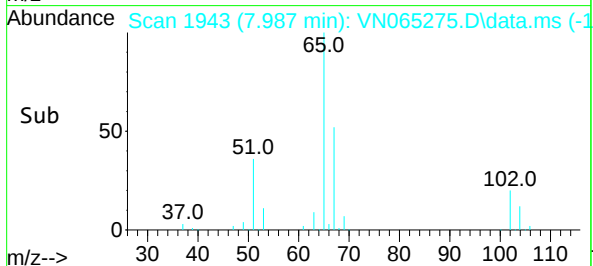
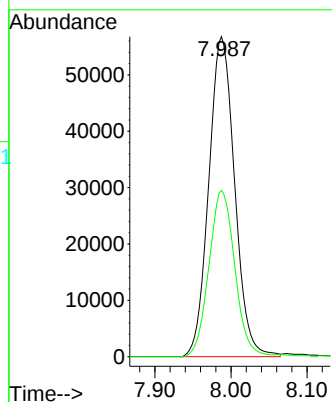
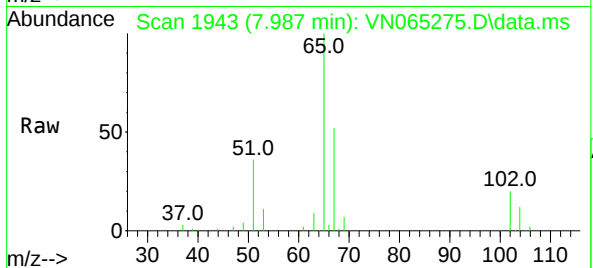




#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

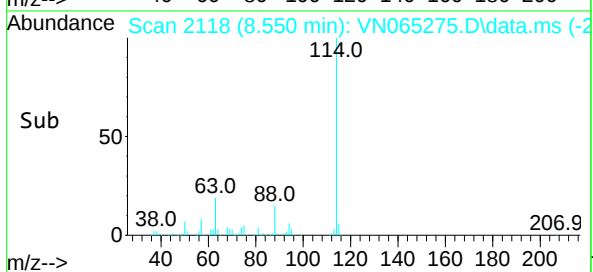
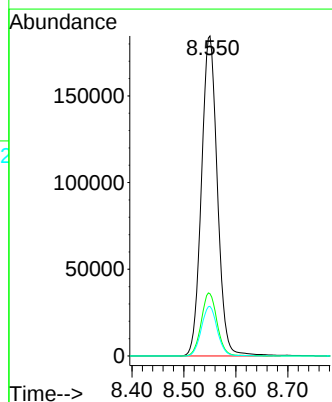
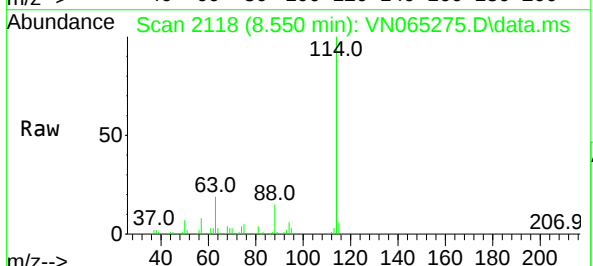
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

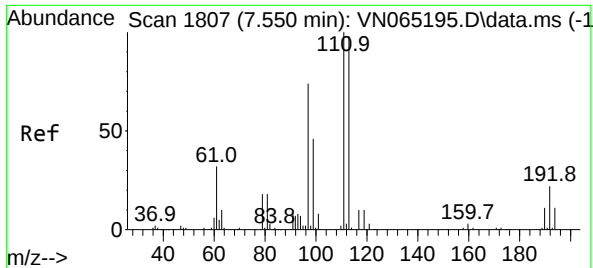
Tgt Ion: 65 Resp: 134165
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion: 114 Resp: 392285
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.5 0.0 32.6

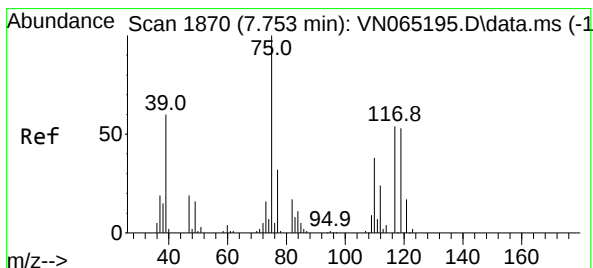
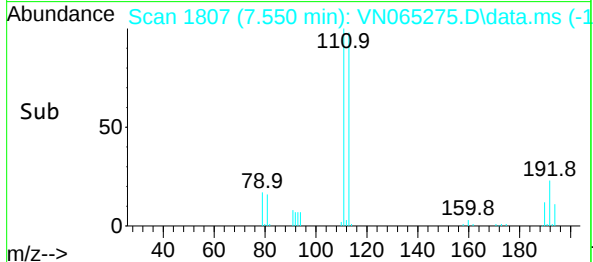
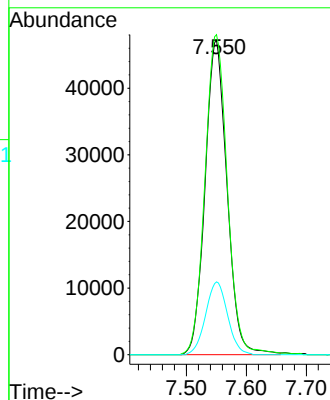
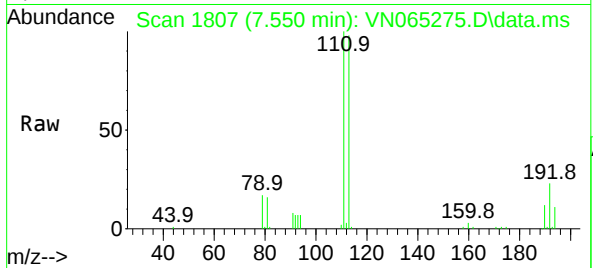




#35
Dibromofluoromethane
Concen: 50.67 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

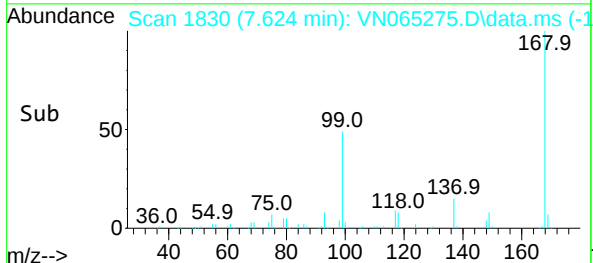
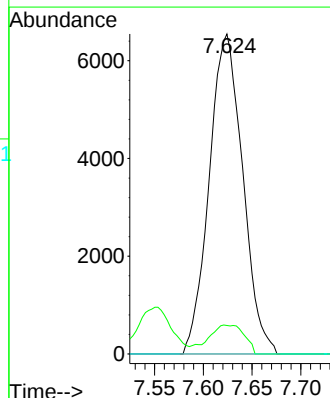
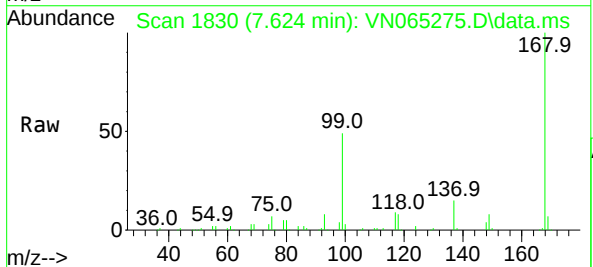
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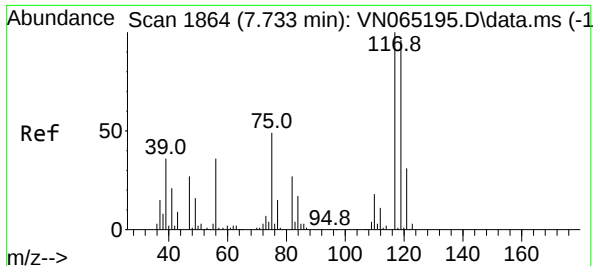
Tgt Ion:113 Resp: 119927
Ion Ratio Lower Upper
113 100
111 104.2 81.6 122.4
192 23.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

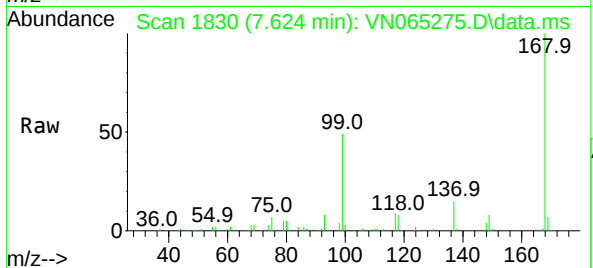
Tgt Ion: 75 Resp: 15654
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



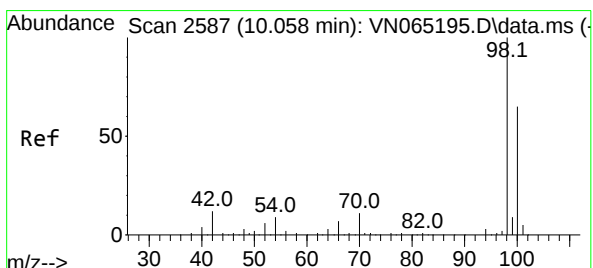
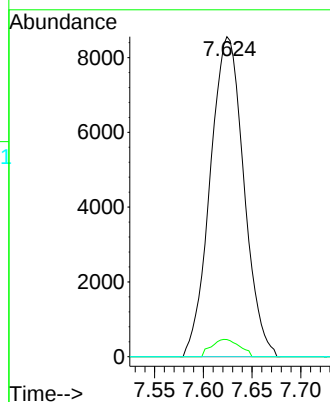
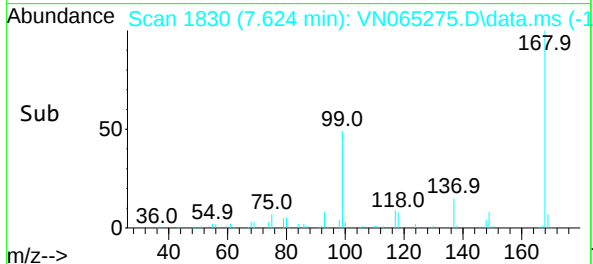


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

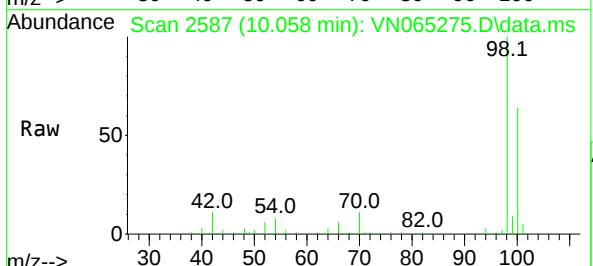
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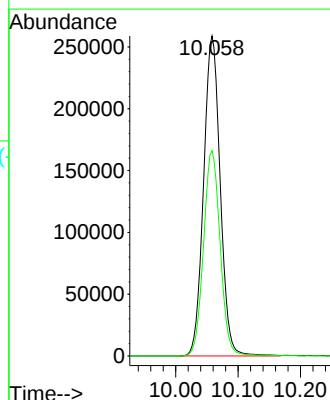
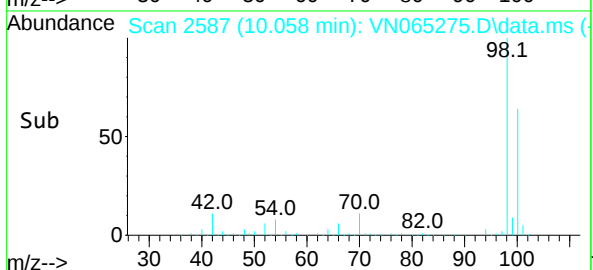
Tgt Ion:117 Resp: 20569
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#

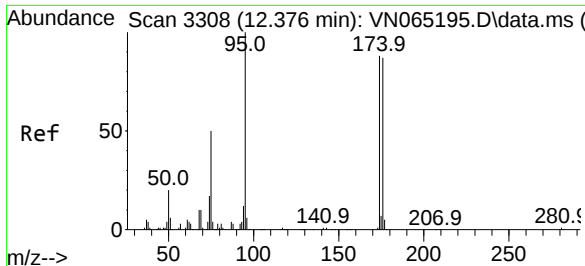


#50
Toluene-d8
Concen: 54.22 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31



Tgt Ion: 98 Resp: 480916
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

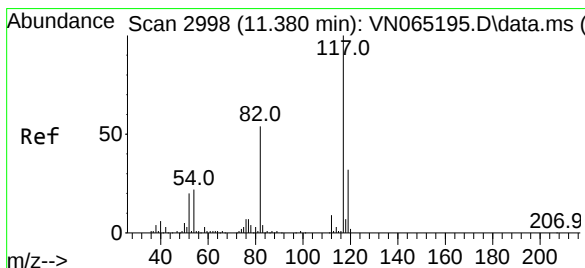
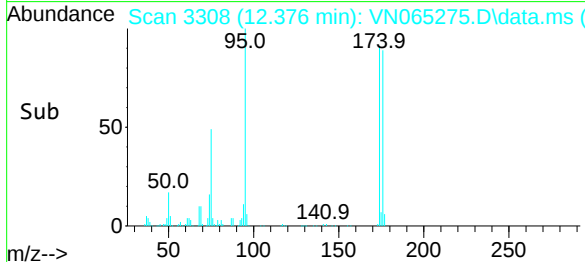
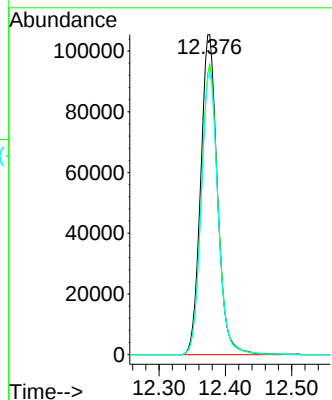
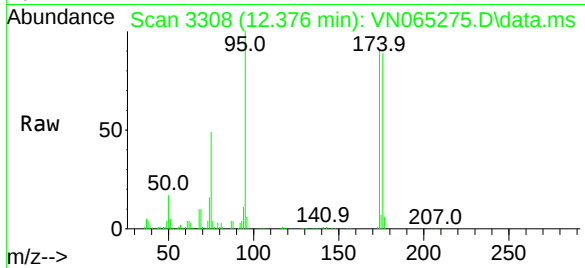




#62
4-Bromofluorobenzene
Concen: 52.48 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

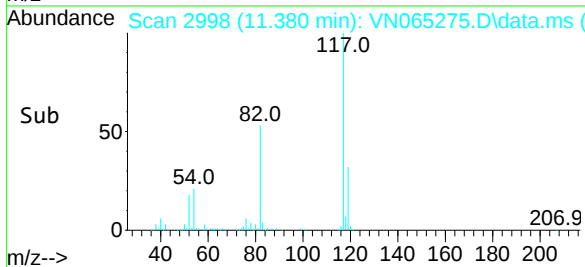
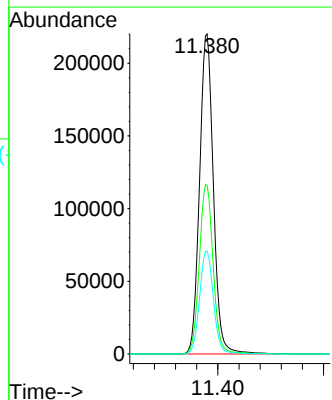
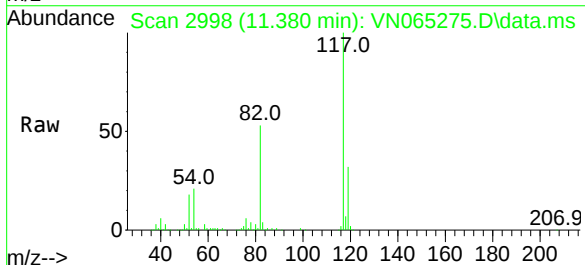
Instrument :
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VN1228MBL01

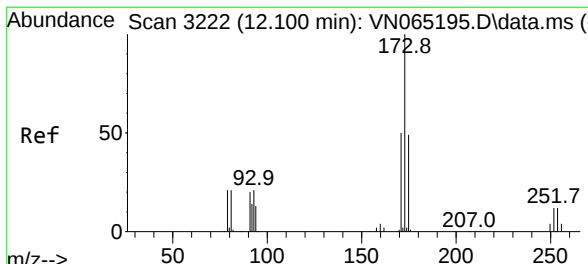
Tgt Ion: 95 Resp: 185093
Ion Ratio Lower Upper
95 100
174 90.9 0.0 160.4
176 88.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion: 117 Resp: 399291
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.1 25.8 38.6

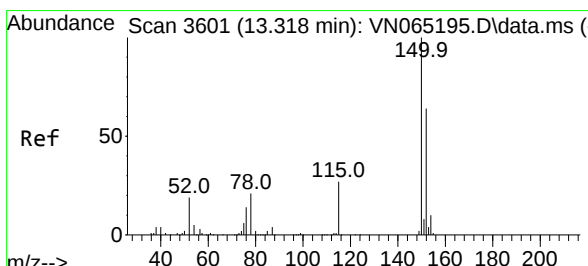
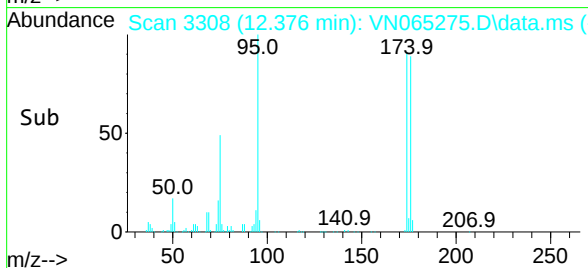
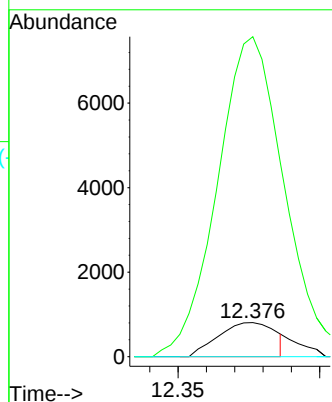
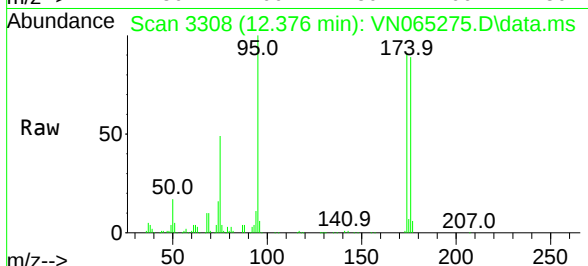




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

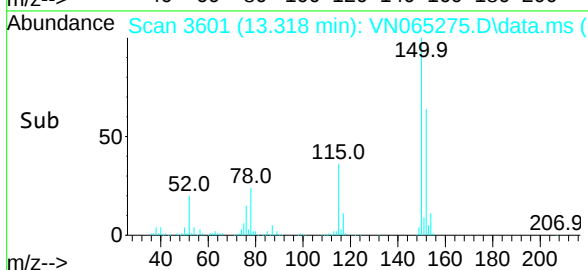
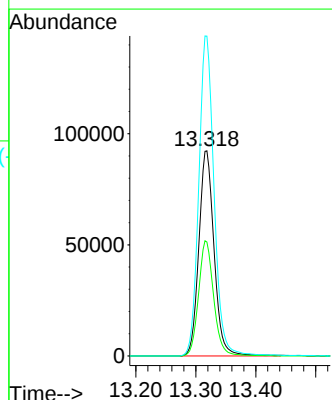
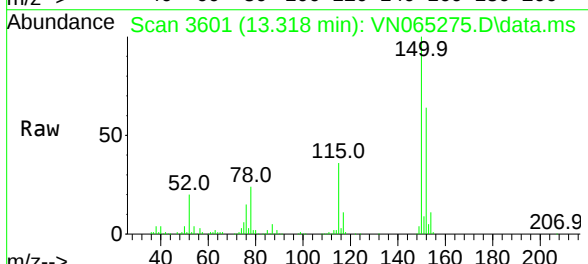
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

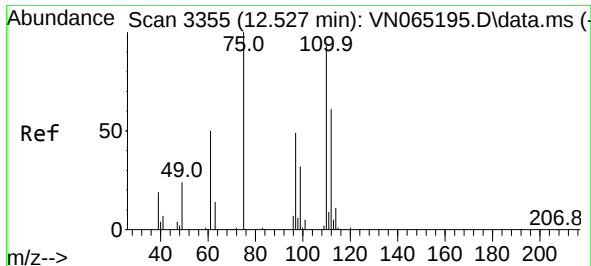
Tgt Ion:173 Resp: 1125
Ion Ratio Lower Upper
173 100
175 940.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion:152 Resp: 163612
Ion Ratio Lower Upper
152 100
115 55.5 29.7 89.1
150 156.5 0.0 350.6

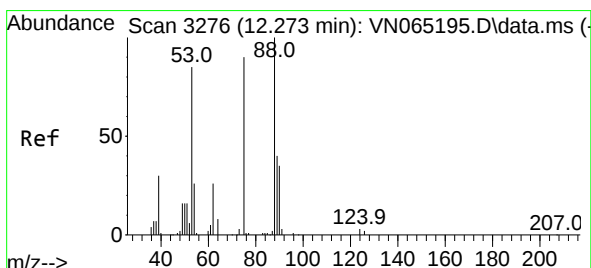
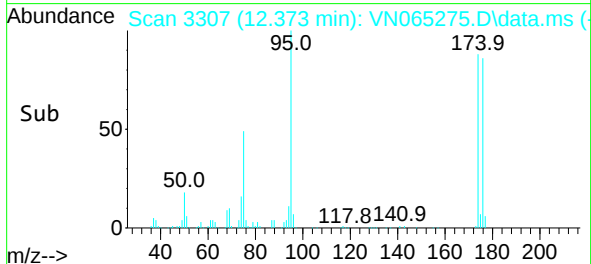
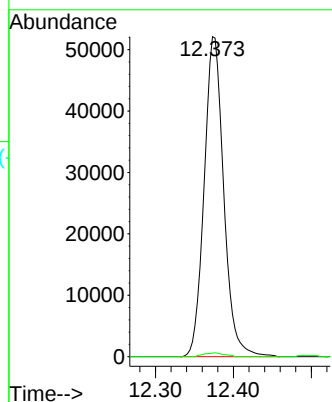
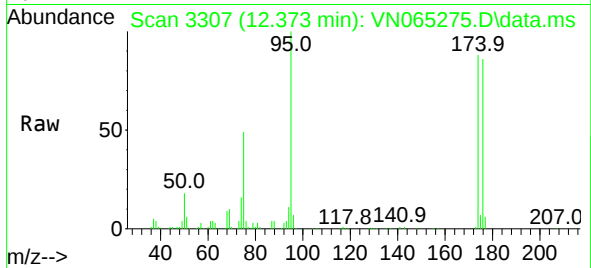




#76
1,2,3-Trichloropropane
Concen: 27.24 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.154 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

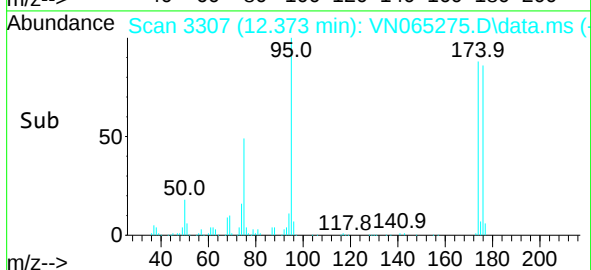
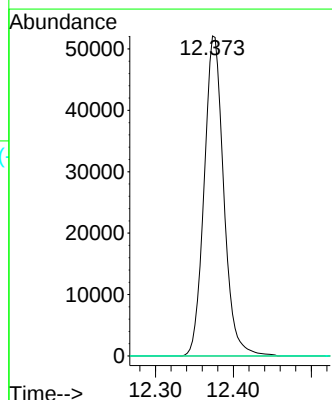
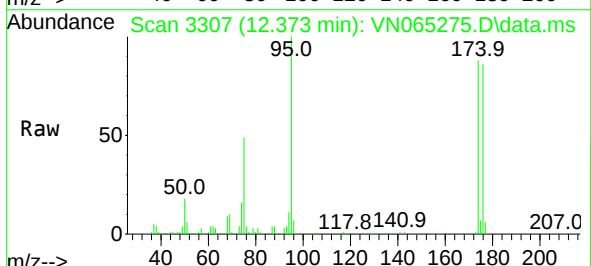
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

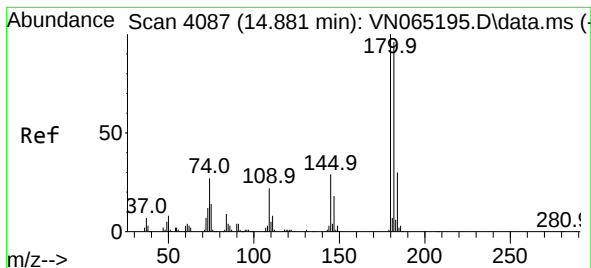
Tgt Ion: 75 Resp: 90908
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion: 75 Resp: 90908
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

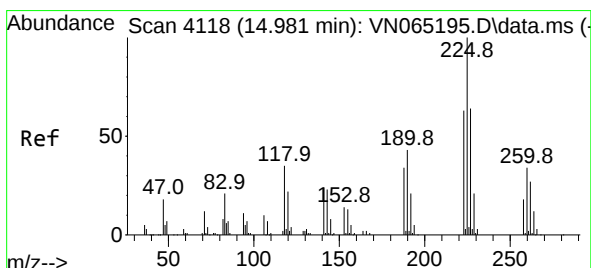
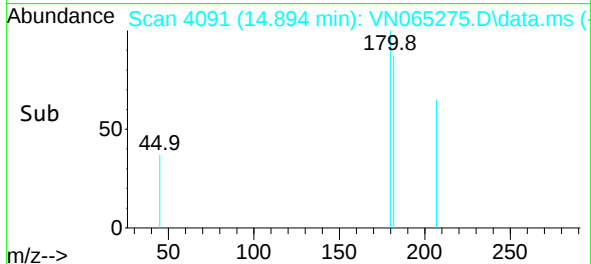
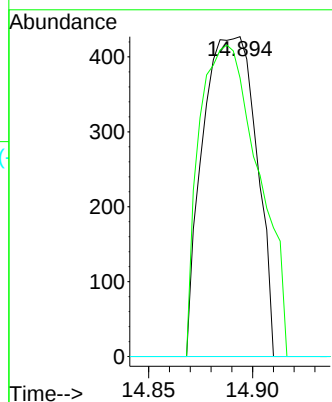
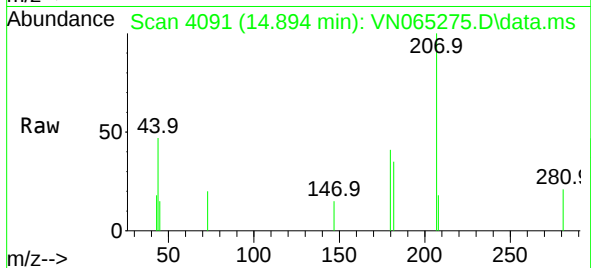




#93
1,2,4-Trichlorobenzene
Concen: 3.06 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.013 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

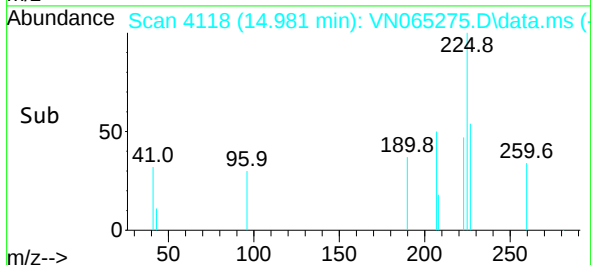
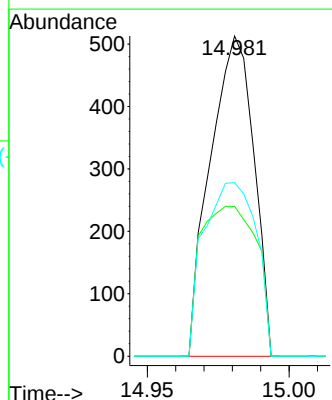
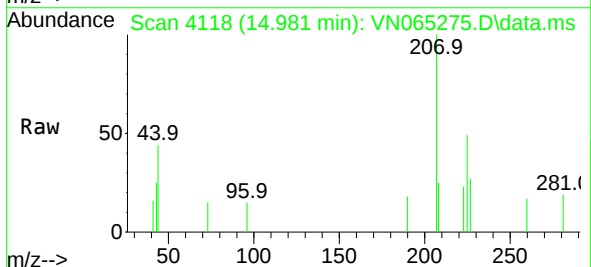
Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

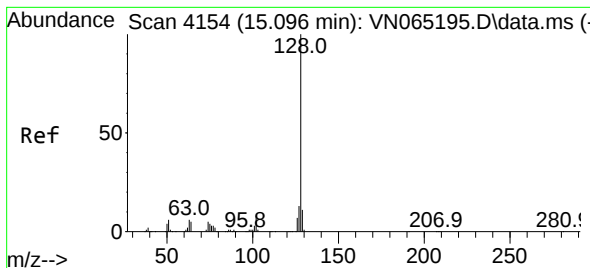
Tgt Ion:180 Resp: 765
Ion Ratio Lower Upper
180 100
182 107.5 47.6 142.9
145 0.0 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.26 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion:225 Resp: 547
Ion Ratio Lower Upper
225 100
223 60.0 31.0 93.0
227 65.1 32.0 96.0

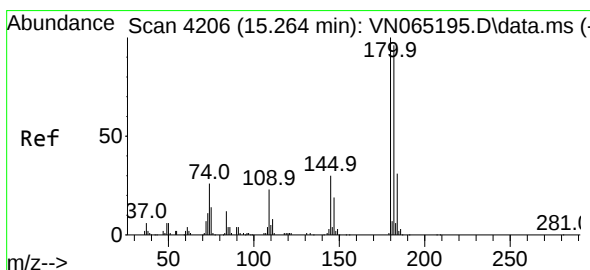
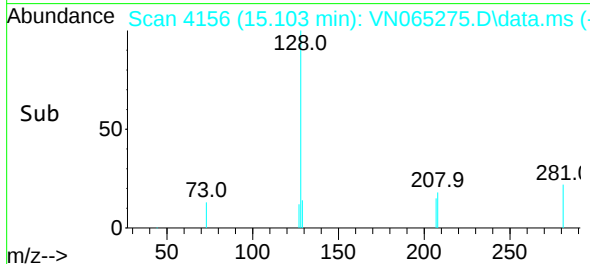
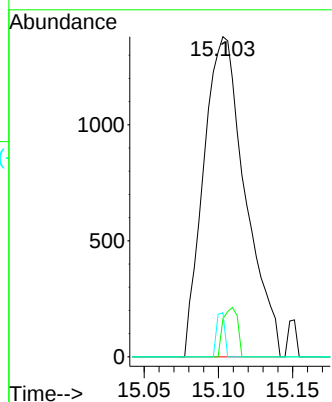
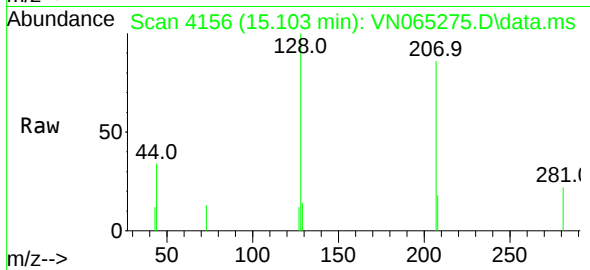




#95
Naphthalene
Concen: 3.67 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN1228MBL01

Tgt Ion:128 Resp: 2696
Ion Ratio Lower Upper
128 100
127 5.4 10.3 15.5#
129 2.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.57 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. 0.006 min
Lab File: VN065275.D
Acq: 28 Dec 2020 10:31

Tgt Ion:180 Resp: 1119
Ion Ratio Lower Upper
180 100
182 106.8 48.1 144.4
145 17.5 16.4 49.1

