

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066043.D
 Acq On : 26 Feb 2021 11:45
 Operator : JC/MD
 Sample : VN0226MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226MBL01

Quant Time: Feb 26 23:30:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

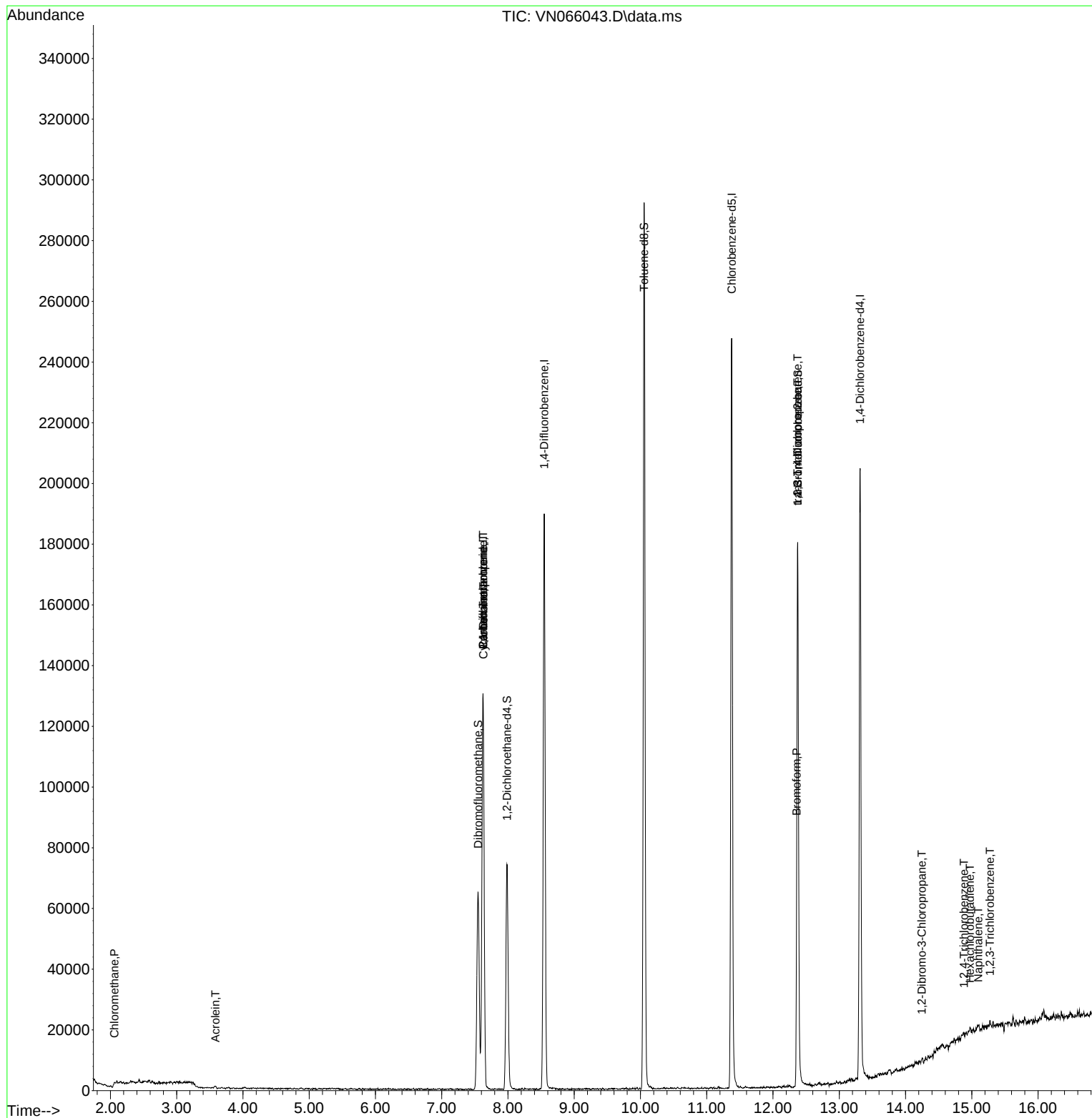
Internal Standards						
1) Pentafluorobenzene	7.624	168	105182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	171068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	151899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	59144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	71459	48.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.16%		
35) Dibromofluoromethane	7.550	113	51187	48.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.70%		
50) Toluene-d8	10.055	98	208542	47.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.98%		
62) 4-Bromofluorobenzene	12.373	95	73134	44.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.66%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	582	0.34	ug/l #	42
13) Acrolein	3.586	56	777	4.15	ug/l #	58
16) Acetone	3.795	43	435	Below Cal	#	41
31) Cyclohexane	7.627	56	2026	0.92	ug/l #	2
36) 1,1-Dichloropropene	7.624	75	8104	4.80	ug/l #	47
38) Carbon Tetrachloride	7.624	117	10605	6.76	ug/l #	17
71) Bromoform	12.357	173	42	2.55	ug/l #	29
76) 1,2,3-Trichloropropane	12.370	75	37623	26.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	37623	84.39	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.244	75	295	1.88	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.881	180	146	2.59	ug/l #	31
94) Hexachlorobutadiene	14.971	225	141	0.31	ug/l #	18
95) Naphthalene	15.097	128	2059	3.62	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.277	180	483	2.61	ug/l #	69

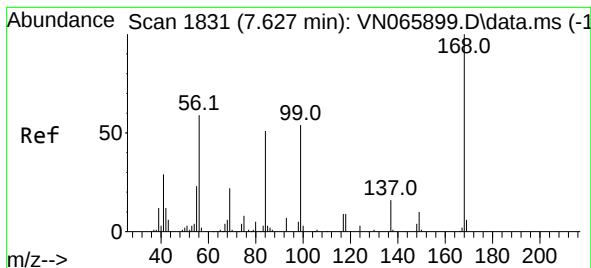
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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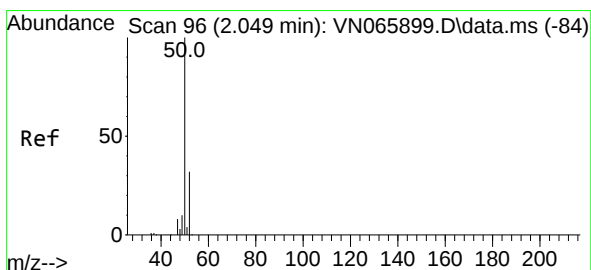
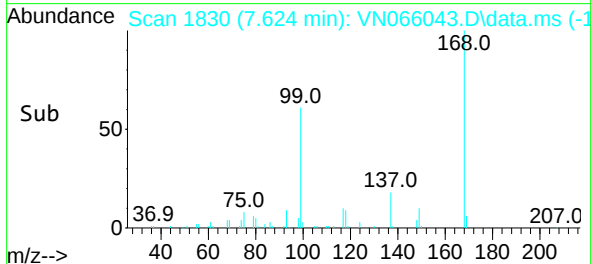
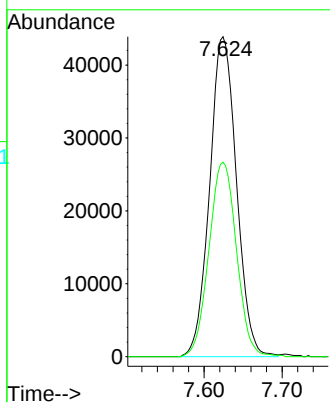
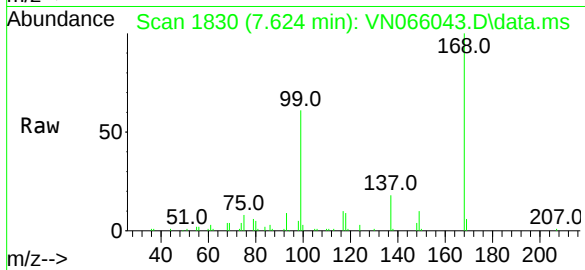


#1

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

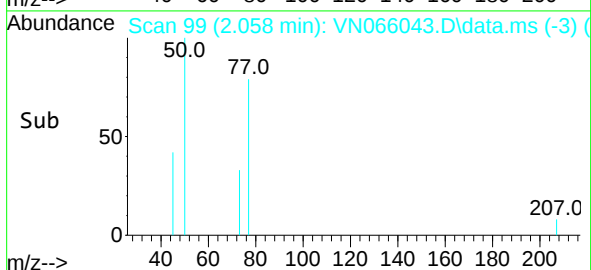
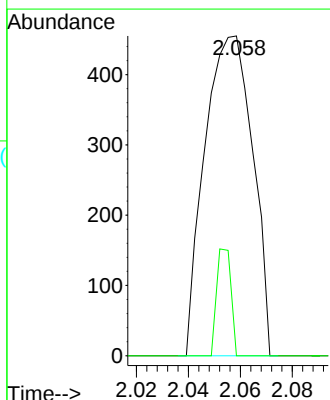
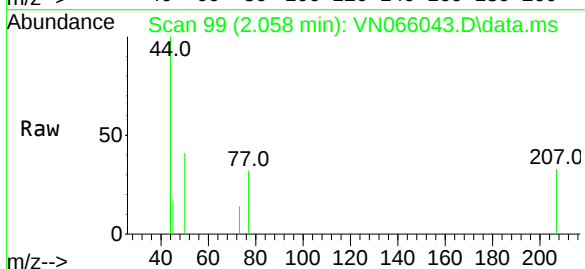
Tgt Ion:168 Resp: 105182
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8

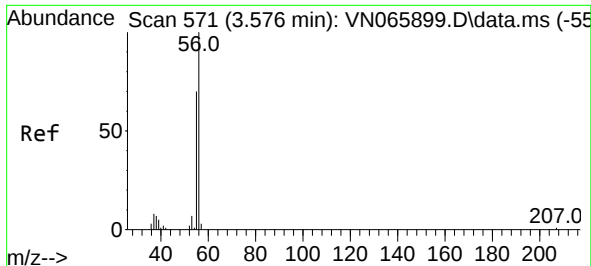


#3

Chloromethane
Concen: 0.34 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

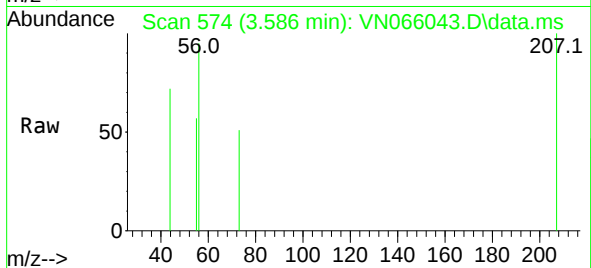
Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



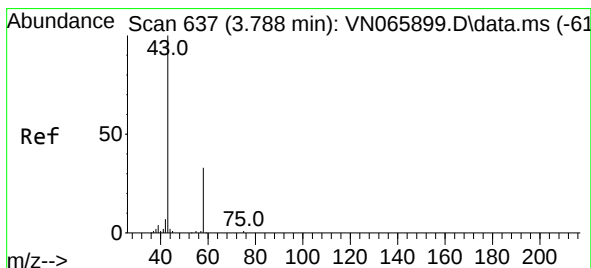
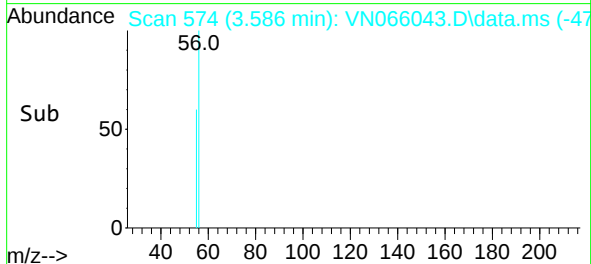
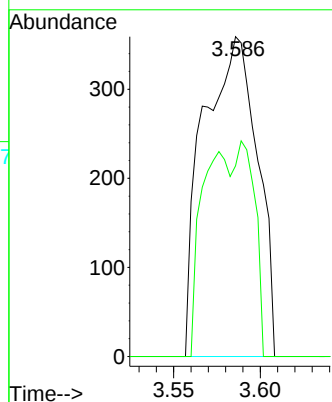


#13
Acrolein
Concen: 4.15 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

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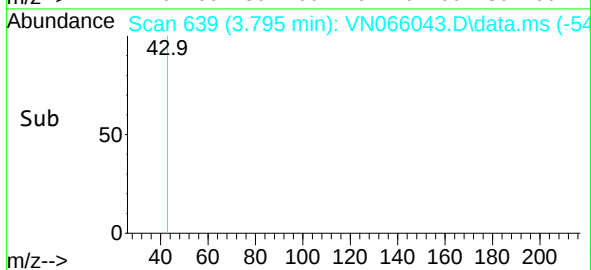
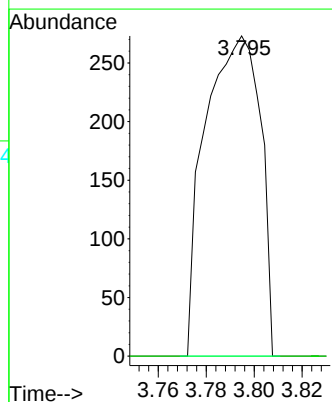
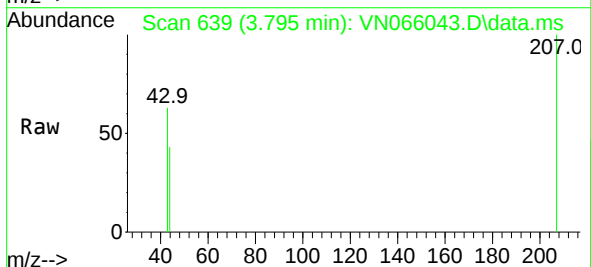


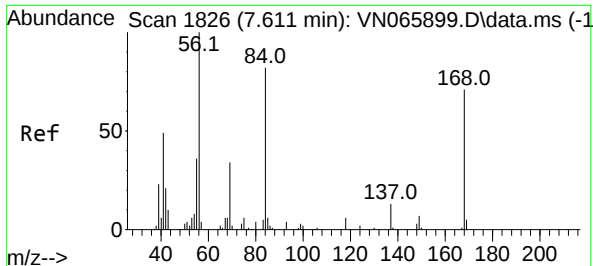
Tgt Ion: 56 Resp: 777
Ion Ratio Lower Upper
56 100
55 35.4 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

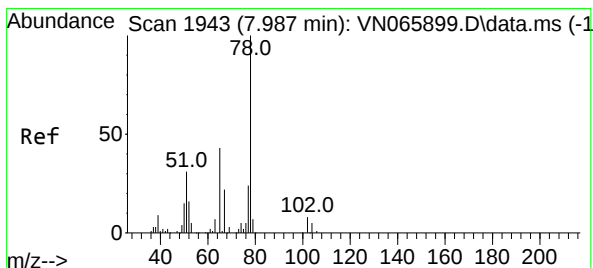
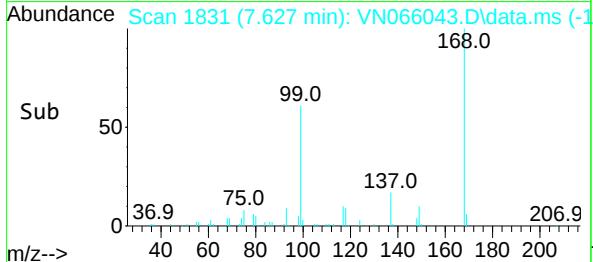
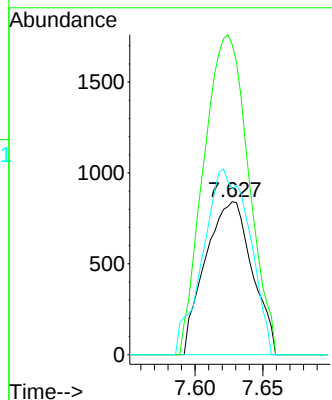
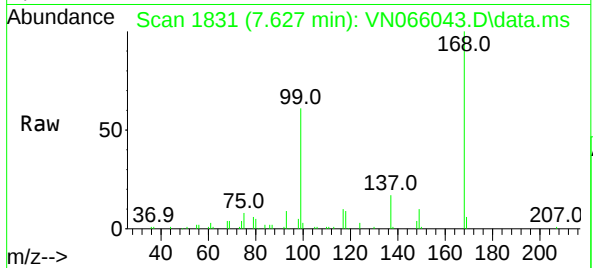




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

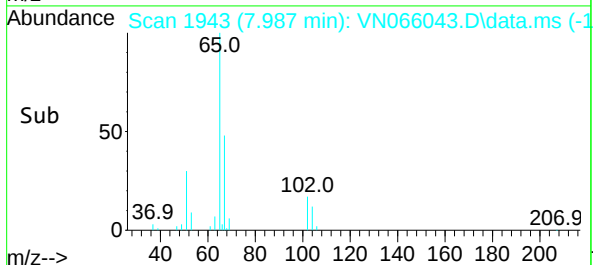
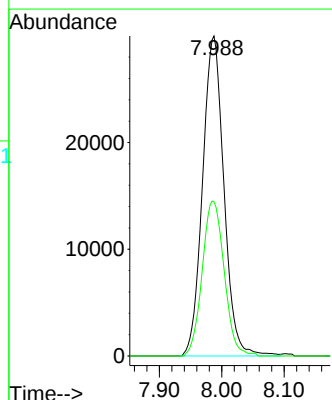
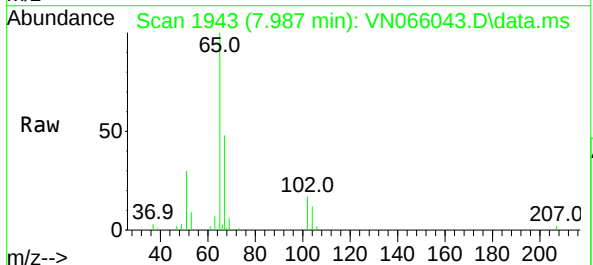
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

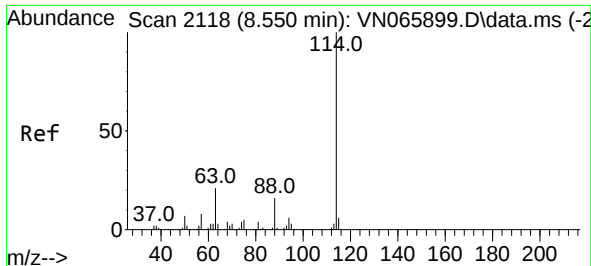
Tgt Ion: 56 Resp: 2026
Ion Ratio Lower Upper
56 100
69 202.7 26.6 39.8#
84 108.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion: 65 Resp: 71459
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2

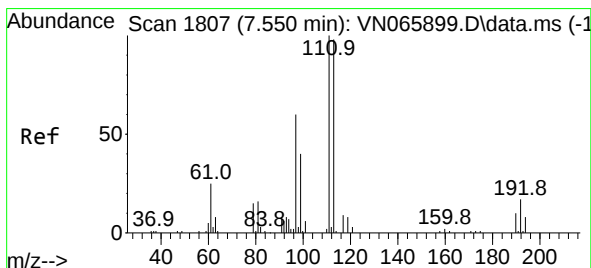
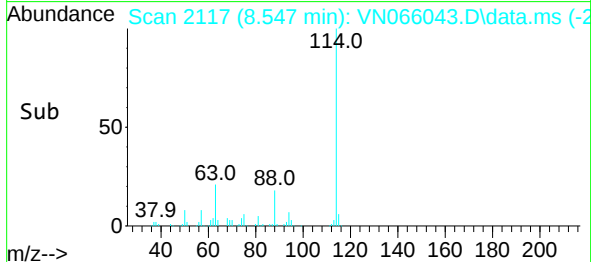
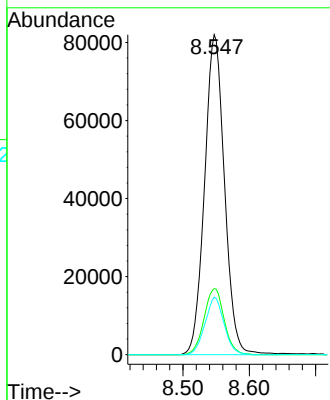
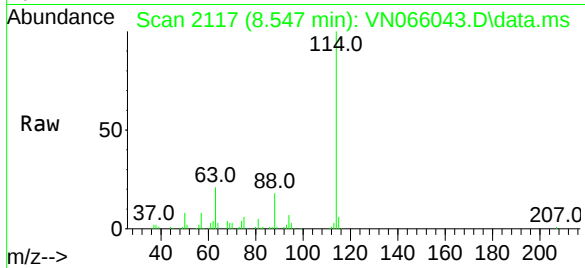




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

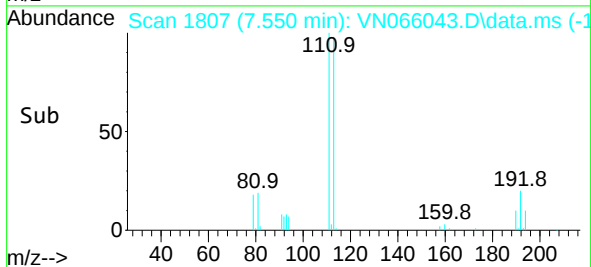
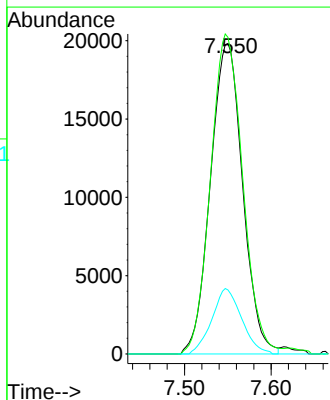
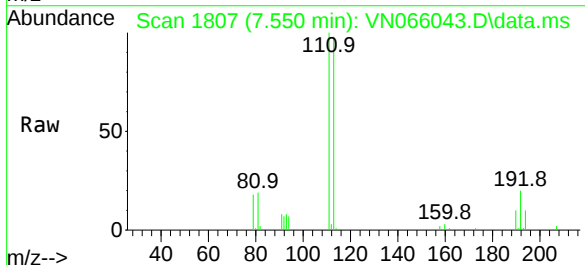
Instrument :
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ClientSampleId :
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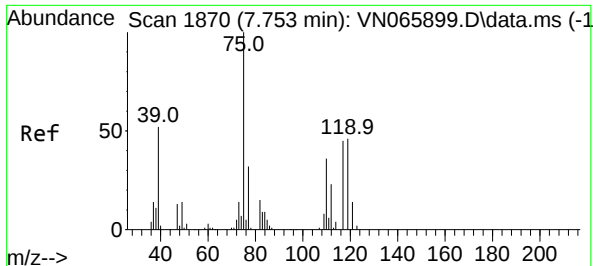
Tgt Ion:114 Resp: 171068
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 18.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion:113 Resp: 51187
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.5 15.4 23.0

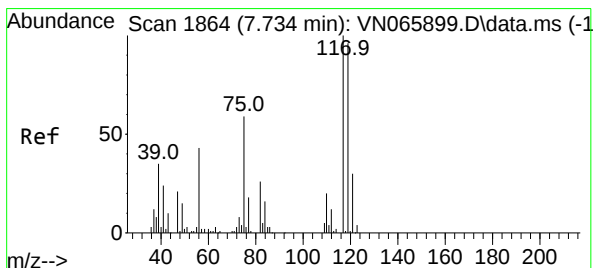
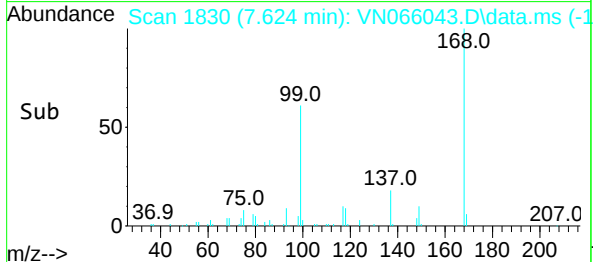
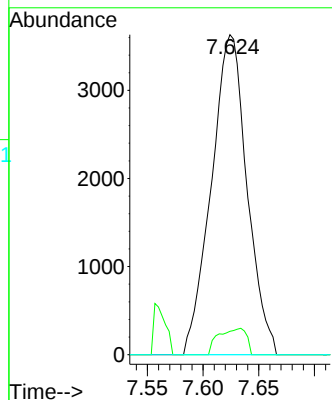
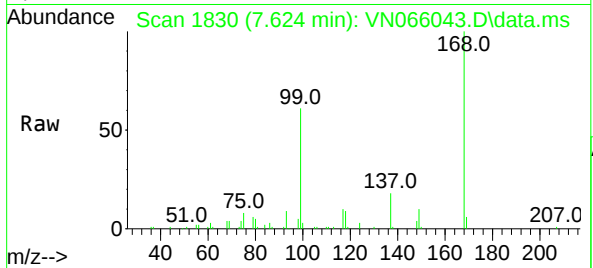




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

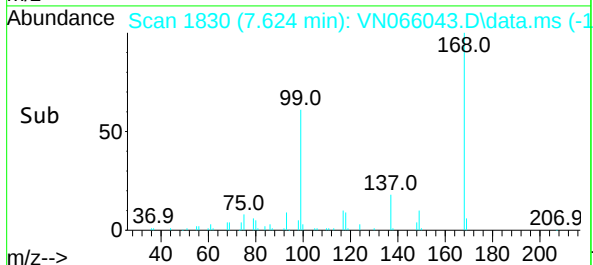
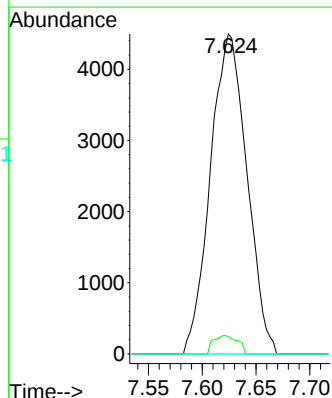
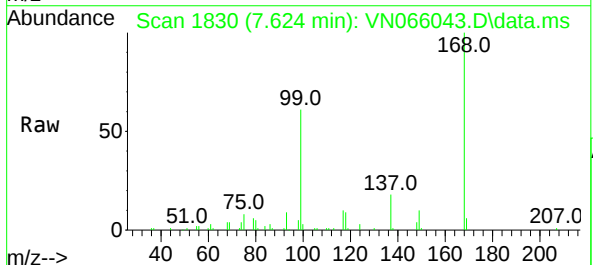
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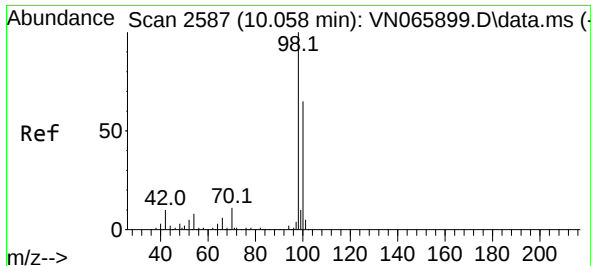
Tgt Ion: 75 Resp: 8104
Ion Ratio Lower Upper
75 100
110 6.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion: 117 Resp: 10605
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

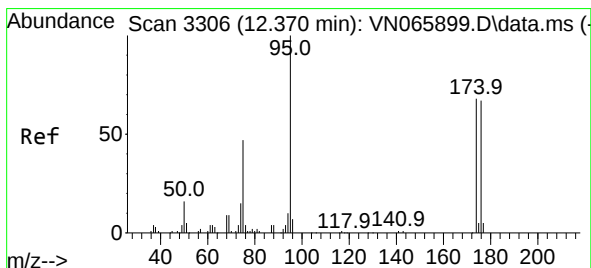
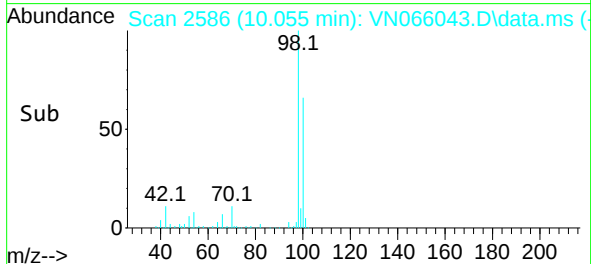
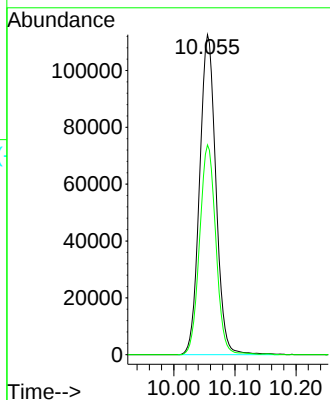
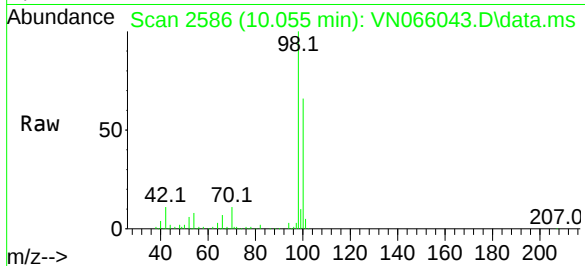




#50
Toluene-d8
Concen: 47.99 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

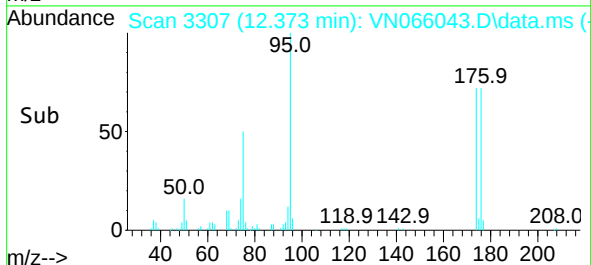
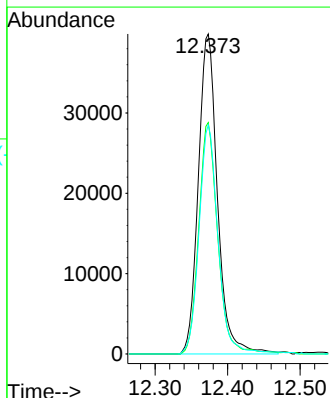
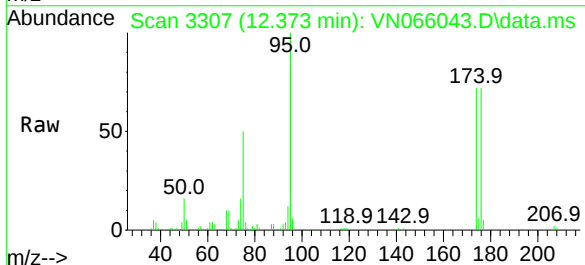
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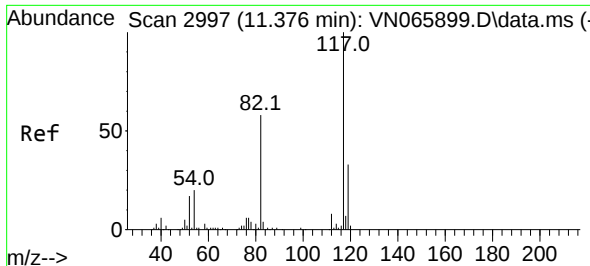
Tgt Ion: 98 Resp: 208542
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion: 95 Resp: 73134
Ion Ratio Lower Upper
95 100
174 70.6 0.0 169.0
176 71.0 0.0 162.4

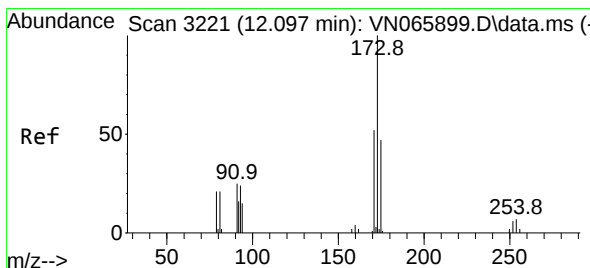
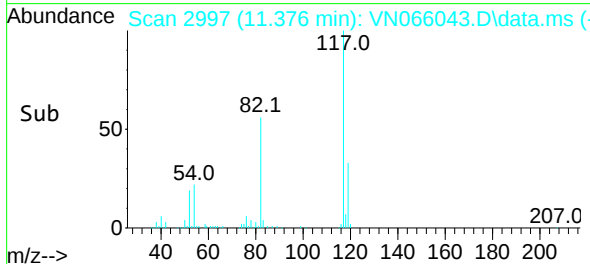
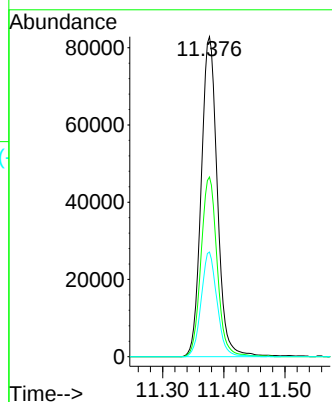
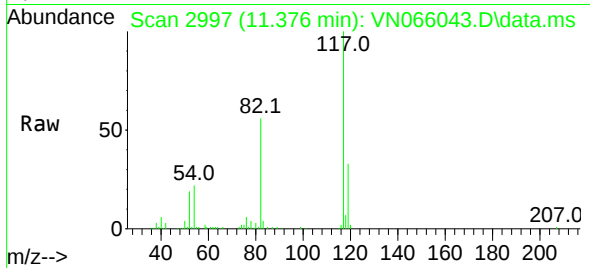




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

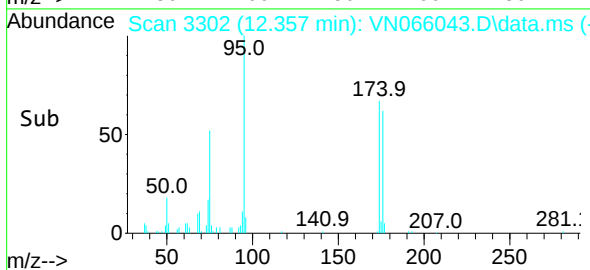
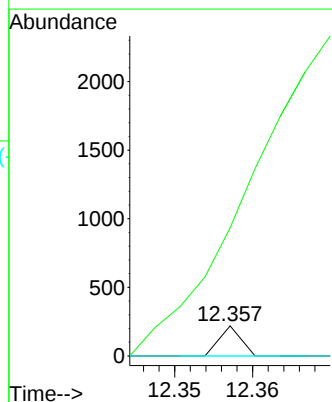
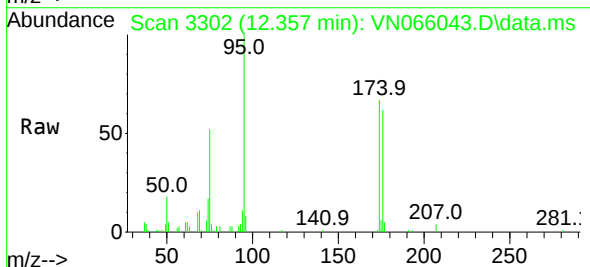
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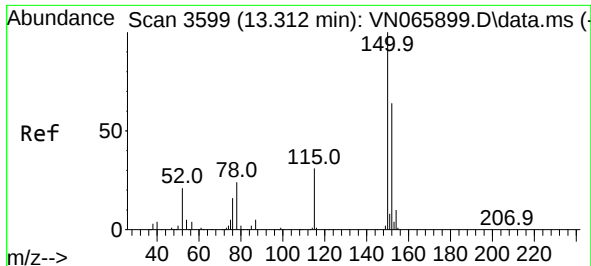
Tgt Ion:117 Resp: 151899
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.7 26.1 39.1



#71
Bromoform
Concen: 2.55 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion:173 Resp: 42
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0

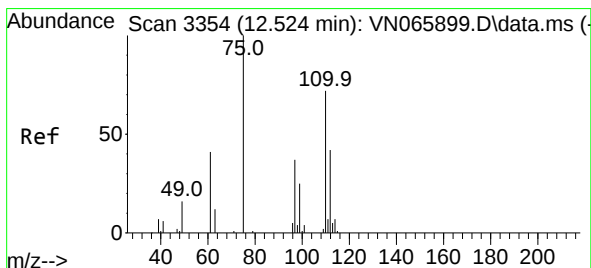
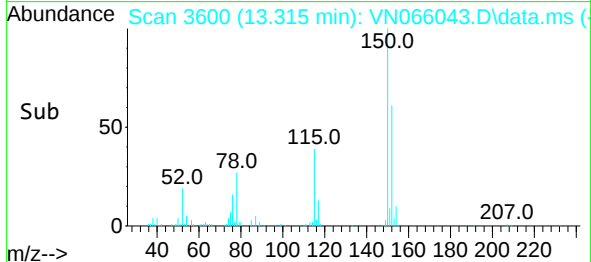
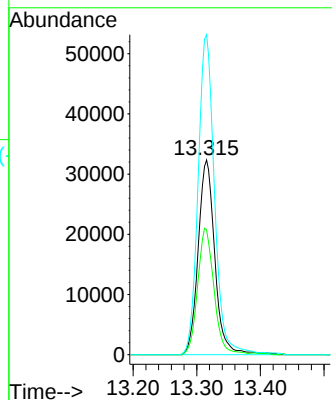
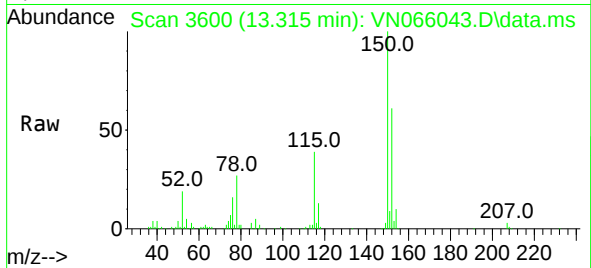




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066043.D
 Acq: 26 Feb 2021 11:45

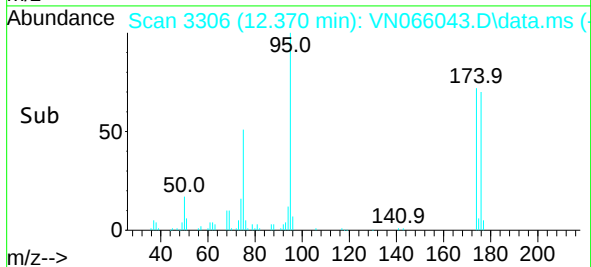
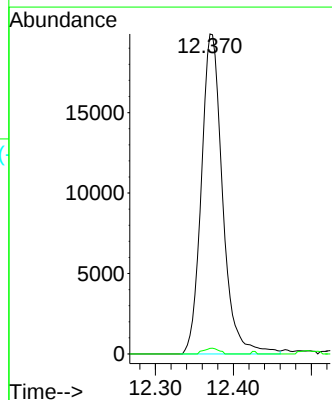
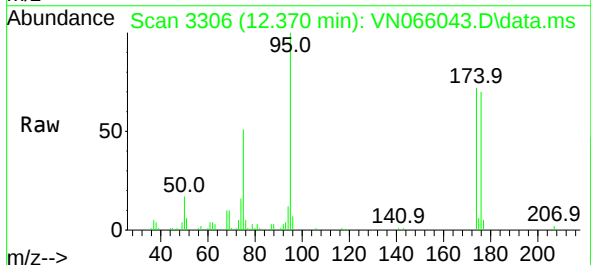
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226MBL01

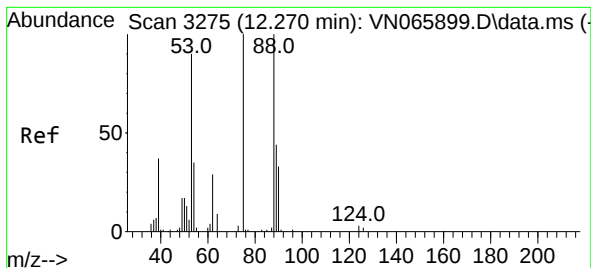
Tgt Ion:152 Resp: 59144
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.5 85.6
 150 160.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 26.48 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. -0.154 min
 Lab File: VN066043.D
 Acq: 26 Feb 2021 11:45

Tgt Ion: 75 Resp: 37623
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

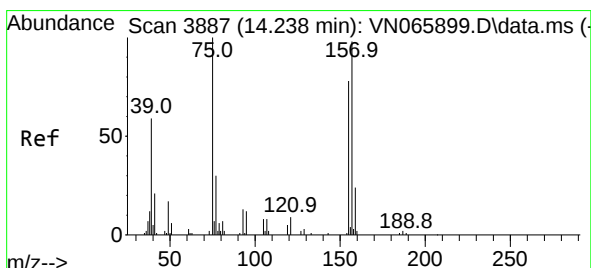
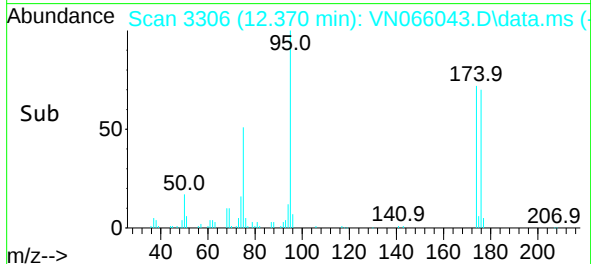
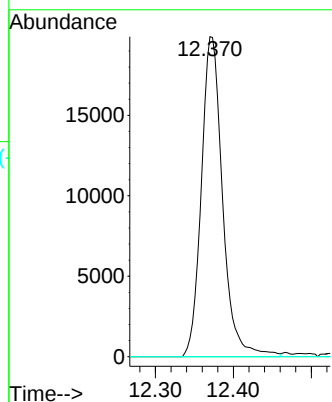
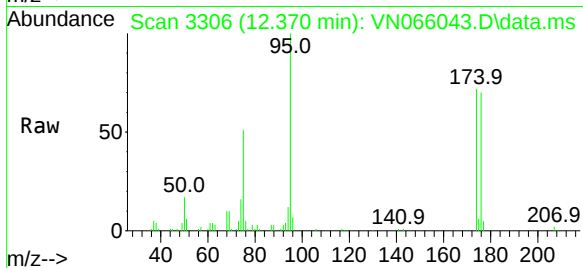




#81
trans-1,4-Dichloro-2-butene
Concen: 84.39 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

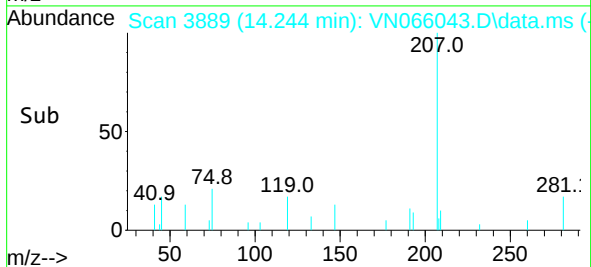
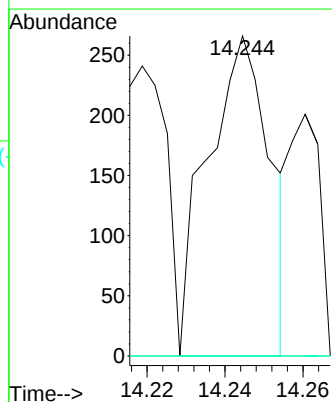
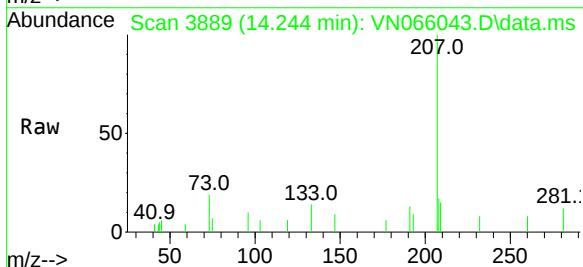
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

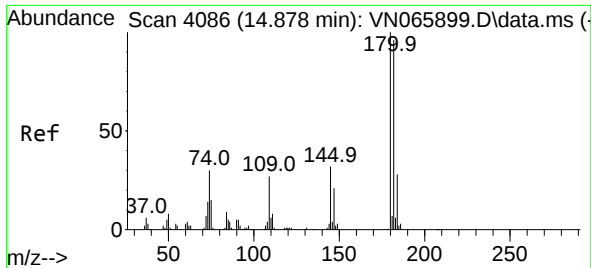
Tgt Ion: 75 Resp: 37623
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.88 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion: 75 Resp: 295
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

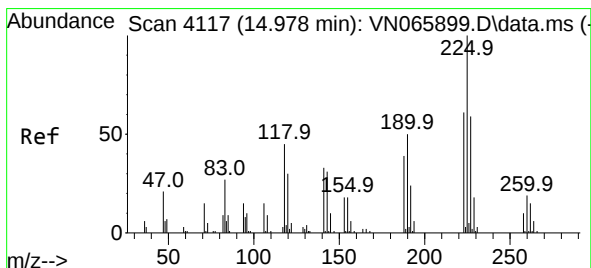
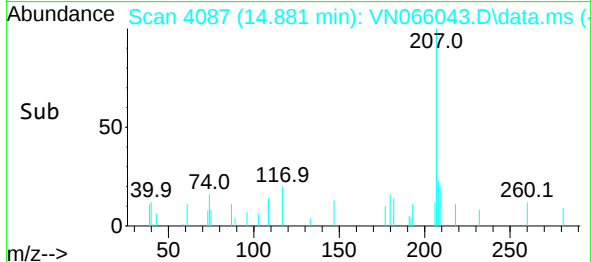
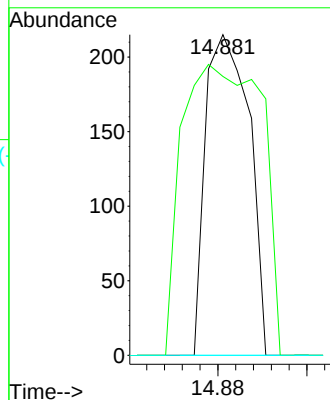
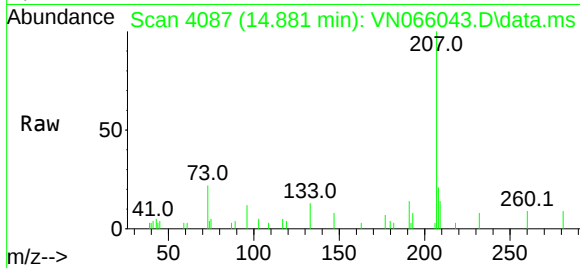




#93
1,2,4-Trichlorobenzene
Concen: 2.59 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

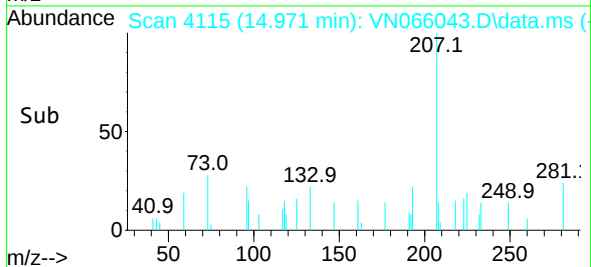
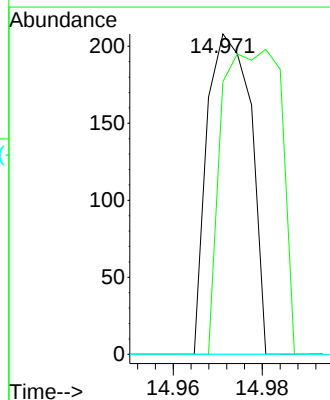
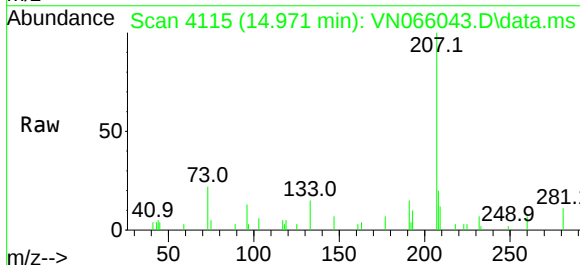
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

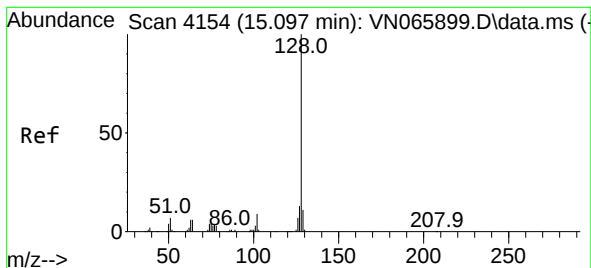
Tgt Ion:180 Resp: 146
Ion Ratio Lower Upper
180 100
182 165.8 47.3 142.0#
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.31 ug/l
RT: 14.971 min Scan# 4115
Delta R.T. -0.007 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion:225 Resp: 141
Ion Ratio Lower Upper
225 100
223 129.1 31.9 95.9#
227 0.0 31.6 95.0#

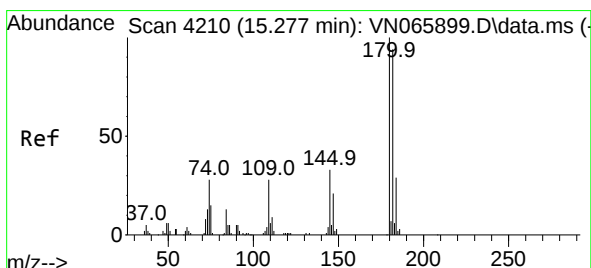
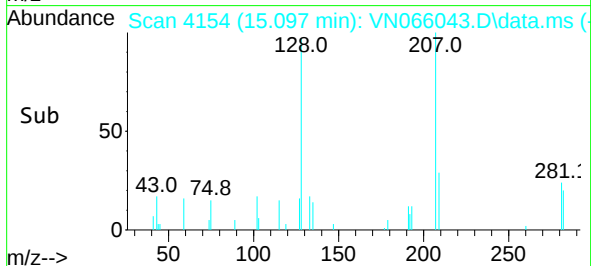
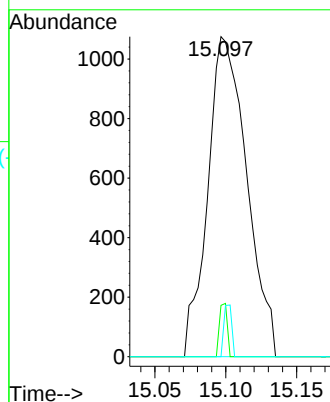
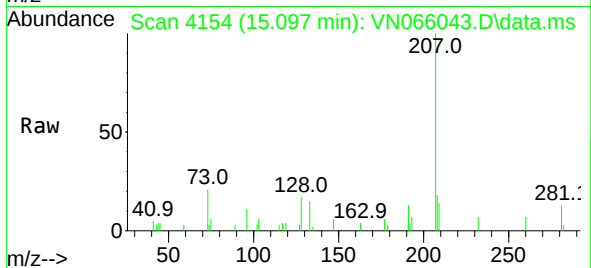




#95
Naphthalene
Concen: 3.62 ug/l
RT: 15.097 min Scan# 4154
Delta R.T. -0.000 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

Tgt Ion:	128	Resp:	2059
Ion	Ratio	Lower	Upper
128	100		
127	3.3	10.2	15.2#
129	3.3	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.61 ug/l
RT: 15.277 min Scan# 4210
Delta R.T. -0.000 min
Lab File: VN066043.D
Acq: 26 Feb 2021 11:45

Tgt Ion:	180	Resp:	483
Ion	Ratio	Lower	Upper
180	100		
182	74.1	47.4	142.3
145	0.0	16.5	49.5#

