

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065135.D
 Acq On : 15 Dec 2020 5:43
 Operator : JC/MD
 Sample : L5053-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 06:47:37 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

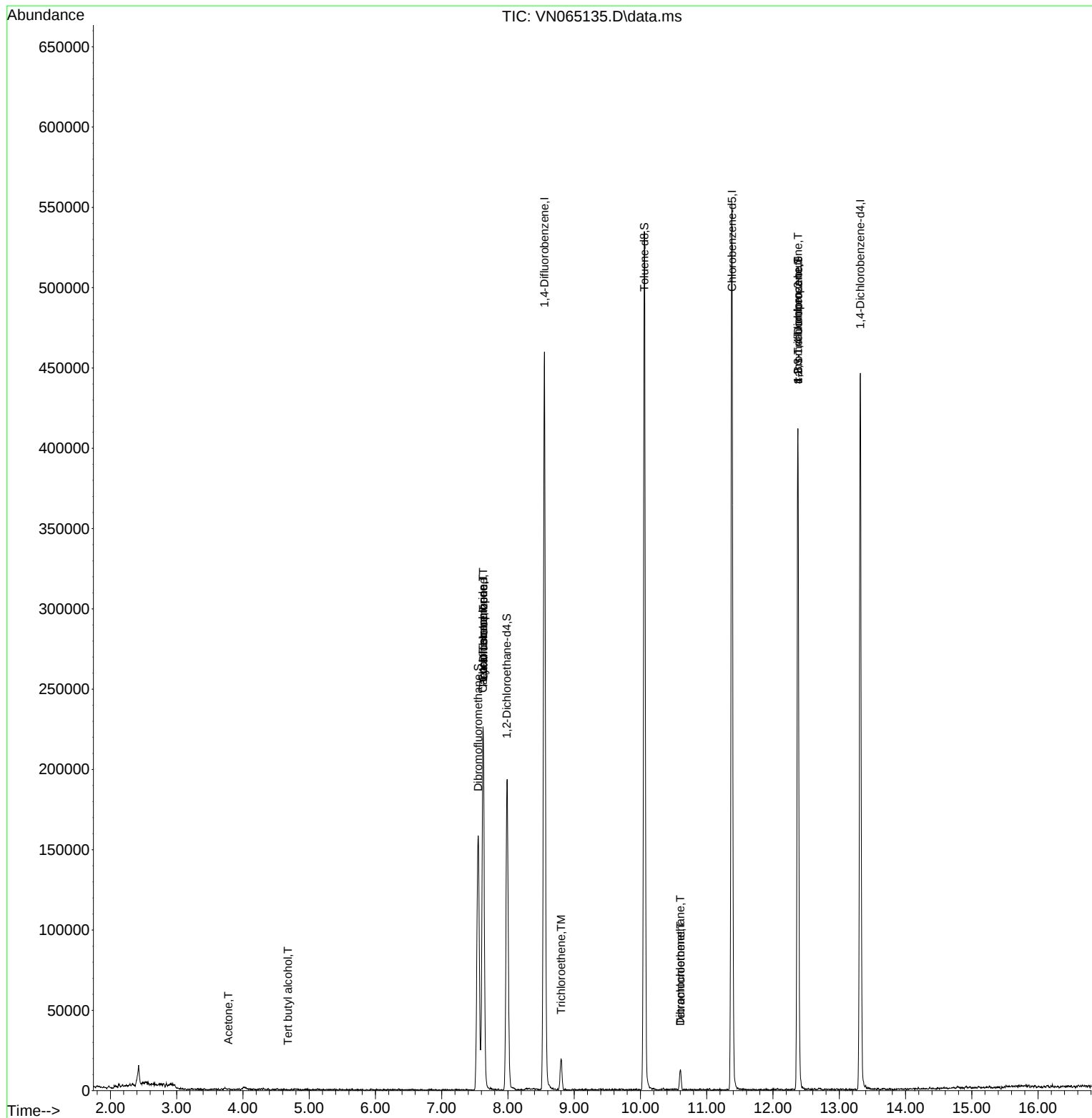
Internal Standards						
1) Pentafluorobenzene	7.627	168	162444	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.550	114	397078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	284152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	111998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	167639	89.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	179.52%	#	
35) Dibromofluoromethane	7.550	113	118105	42.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.58%		
50) Toluene-d8	10.058	98	347270	35.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	71.16%		
62) 4-Bromofluorobenzene	12.376	95	130123	38.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	77.42%		
Target Compounds						
						Qvalue
3) Chloromethane	2.033	50	140	Below Cal	#	41
5) Bromomethane	2.541	94	150	Below Cal	#	70
11) Tert butyl alcohol	4.679	59	62	0.31	ug/l #	73
16) Acetone	3.778	43	162	0.23	ug/l #	43
20) Methylene Chloride	4.512	84	30	Below Cal	#	8
31) Cyclohexane	7.624	56	4998	1.97	ug/l #	37
36) 1,1-Dichloropropene	7.624	75	15506	4.09	ug/l #	49
38) Carbon Tetrachloride	7.621	117	18427	4.21	ug/l #	17
44) Trichloroethene	8.801	130	6459	1.96	ug/l	94
60) Dibromochloromethane	10.601	129	2539	0.78	ug/l #	10
64) Tetrachloroethene	10.605	164	2277	0.81	ug/l #	86
76) 1,2,3-Trichloropropane	12.376	75	78295	38.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	78295	108.41	ug/l #	15

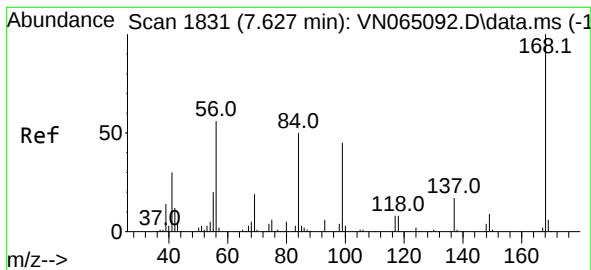
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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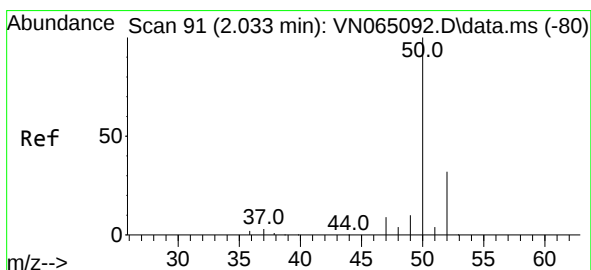
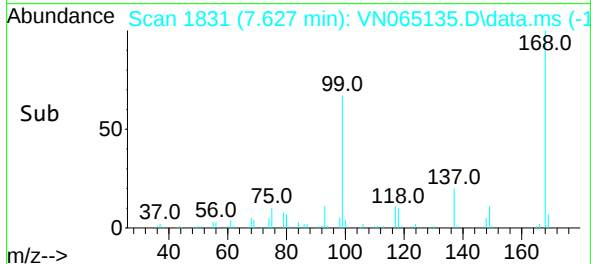
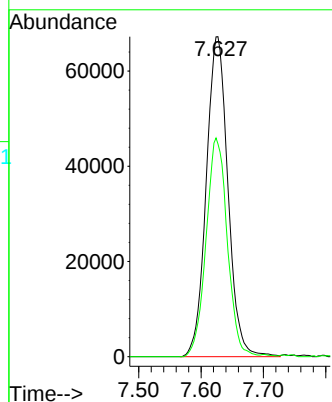
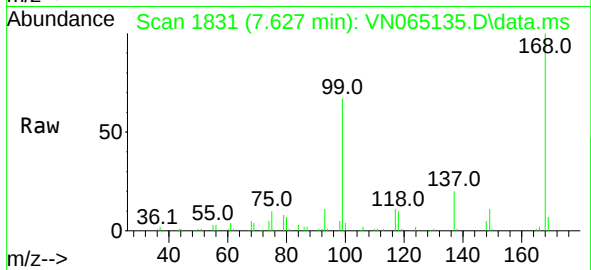




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

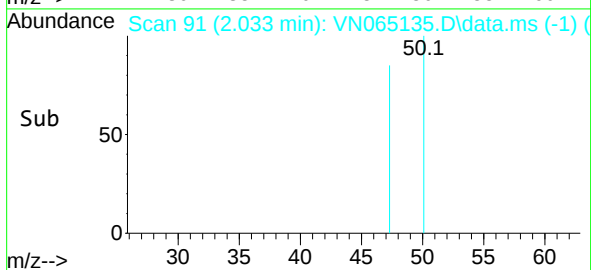
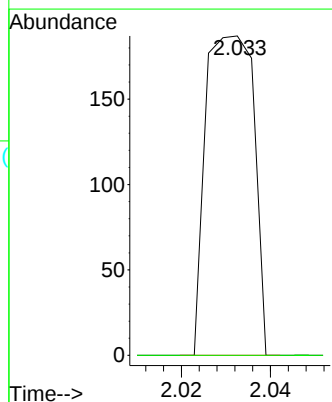
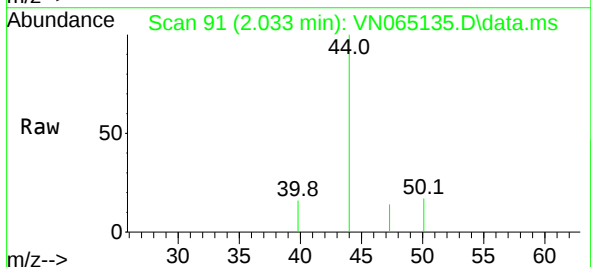
Instrument :
MSVOA_N
ClientSampled :

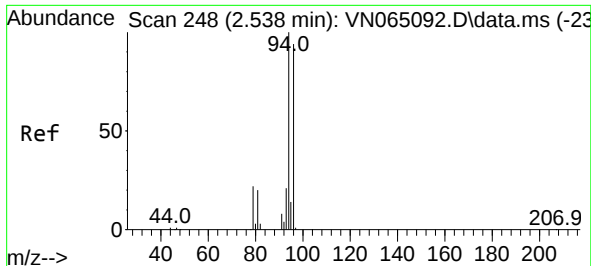
Tgt Ion:168 Resp: 162444
Ion Ratio Lower Upper
168 100
99 66.5 43.0 64.4#



#3
Chloromethane
Concen: Below Cal
RT: 2.033 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

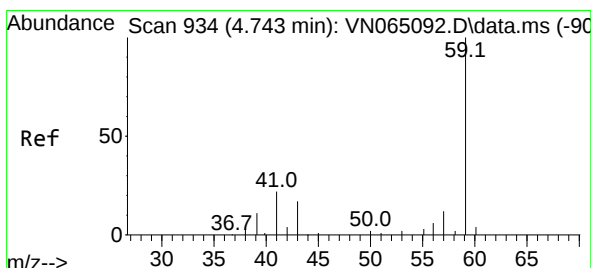
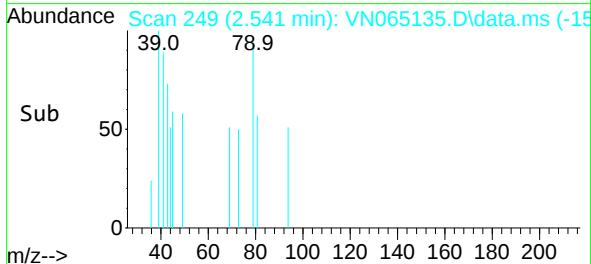
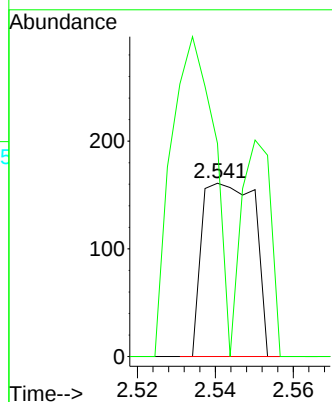
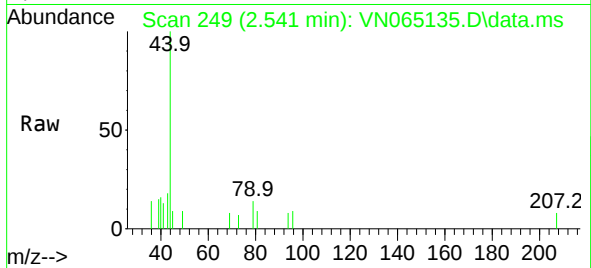




#5
Bromomethane
Concen: Below Cal
RT: 2.541 min Scan# 249
Delta R.T. 0.003 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

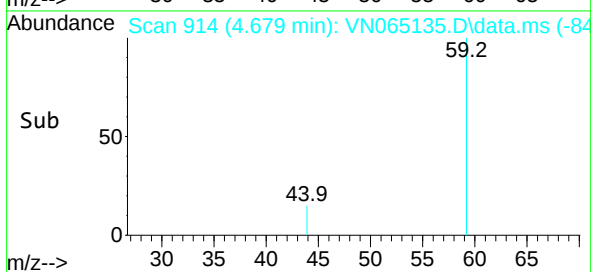
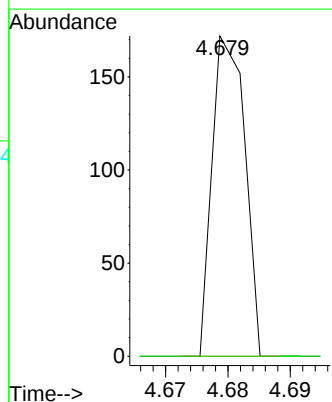
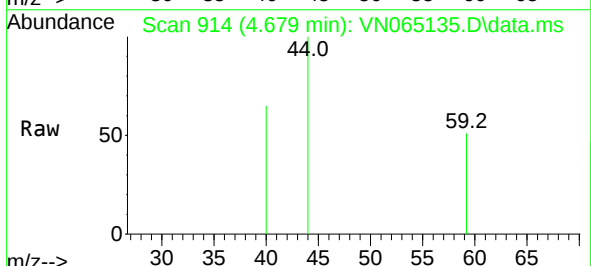
Instrument :
MSVOA_N
ClientSampled :

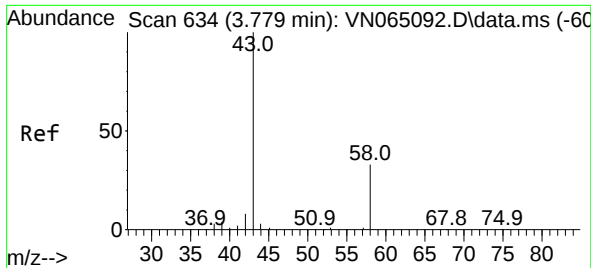
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 123.0 75.4 113.0#



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 4.679 min Scan# 914
Delta R.T. -0.064 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

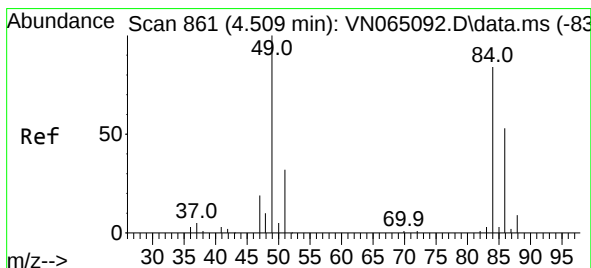
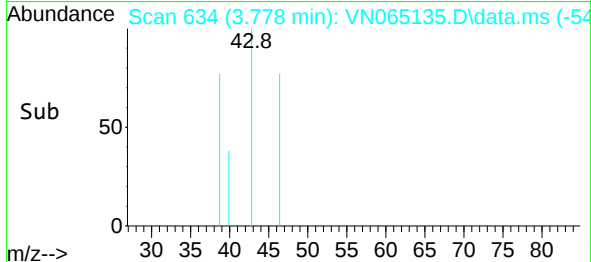
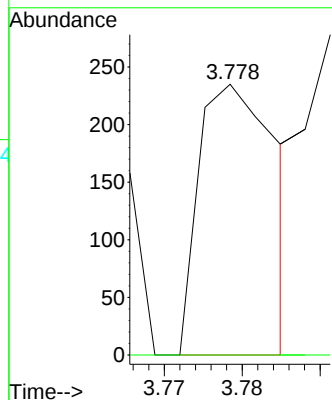
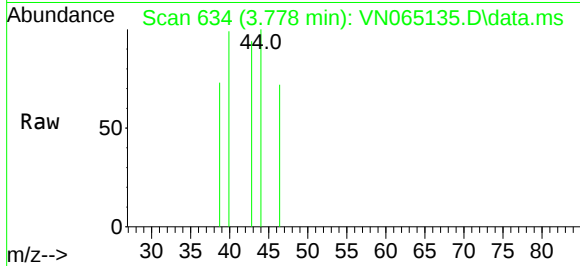




#16
Acetone
Concen: 0.23 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.001 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

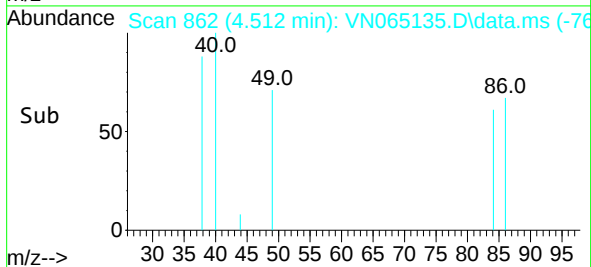
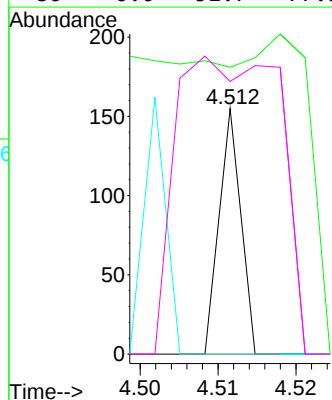
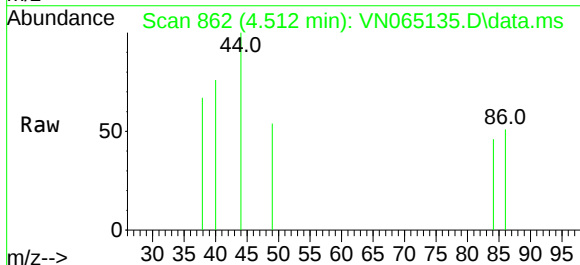
Instrument :
MSVOA_N
ClientSampled :

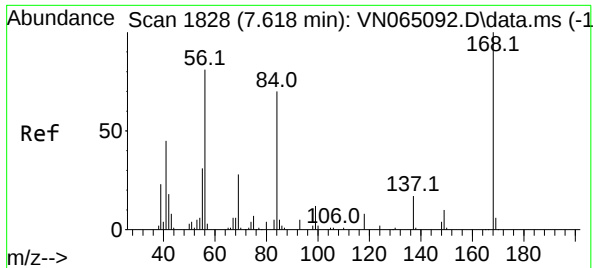
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.512 min Scan# 862
Delta R.T. 0.003 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 84 Resp: 30
Ion Ratio Lower Upper
84 100
49 0.0 93.4 140.0#
51 0.0 28.2 42.4#
86 0.0 51.7 77.5#

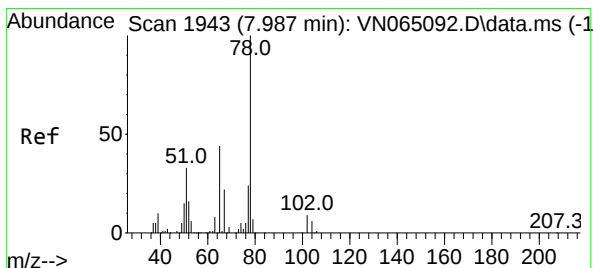
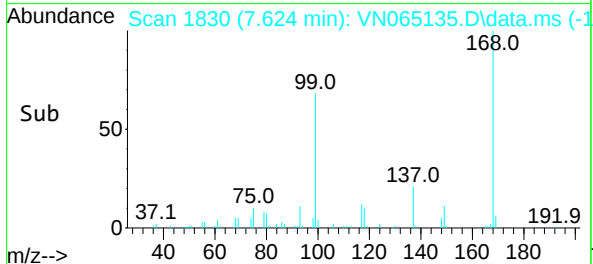
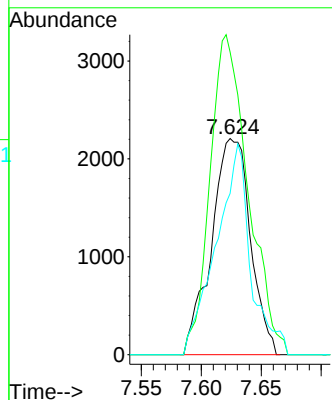
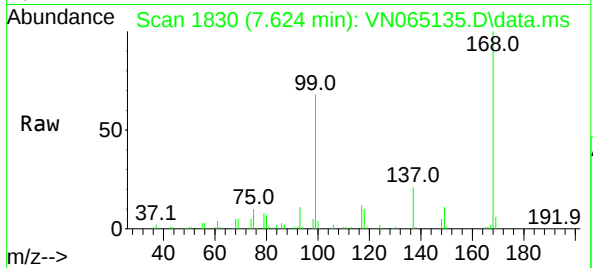




#31
Cyclohexane
Concen: 1.97 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

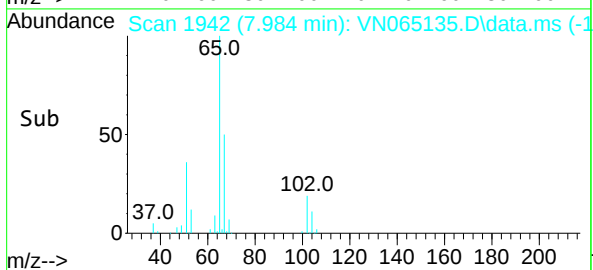
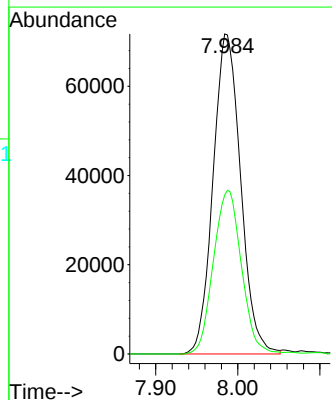
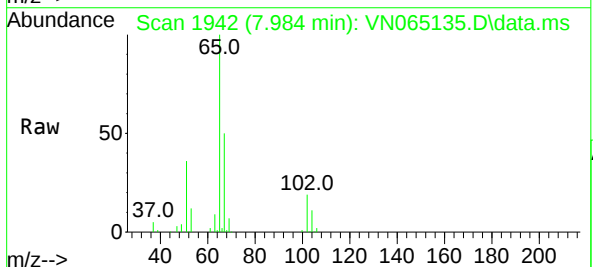
Instrument :
MSVOA_N
ClientSampled :

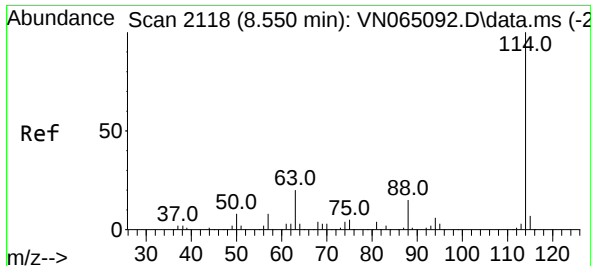
Tgt Ion: 56 Resp: 4998
Ion Ratio Lower Upper
56 100
69 140.0 27.5 41.3#
84 74.6 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 89.76 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 65 Resp: 167639
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2

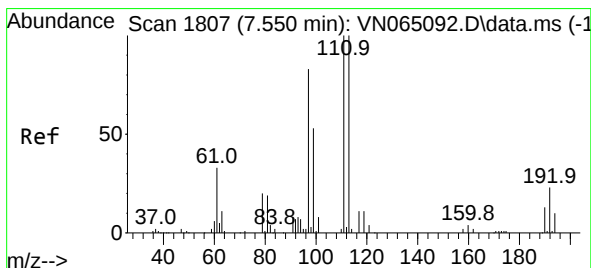
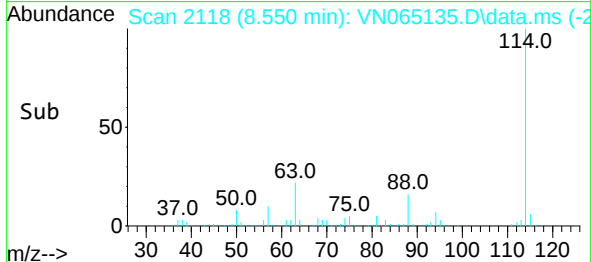
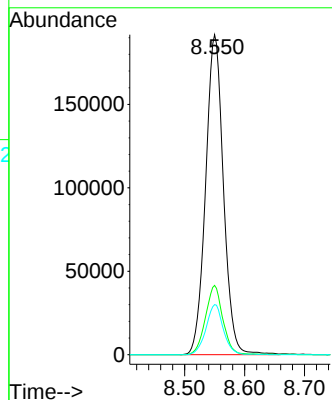
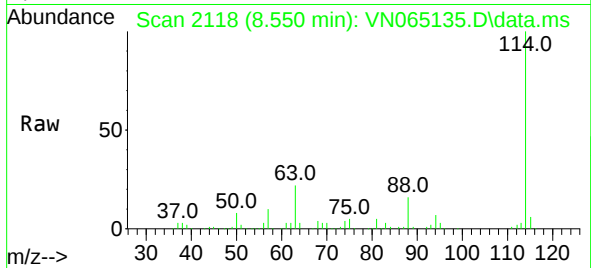




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

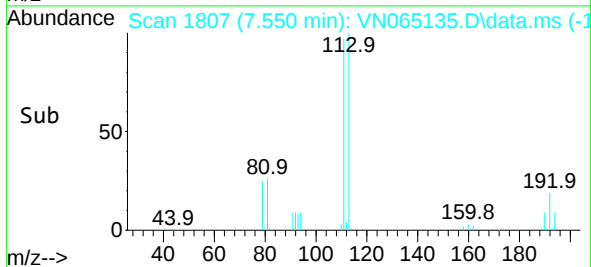
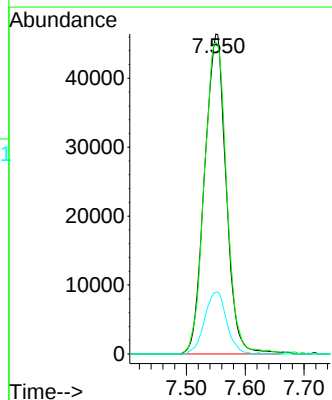
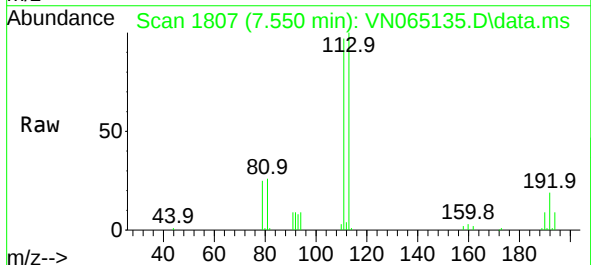
Instrument :
MSVOA_N
ClientSampleId :

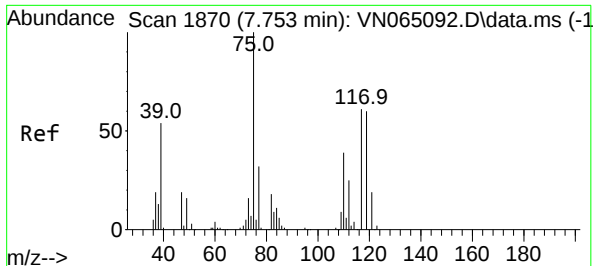
Tgt Ion:114 Resp: 397078
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 42.79 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion:113 Resp: 118105
Ion Ratio Lower Upper
113 100
111 100.2 81.6 122.4
192 19.8 16.2 24.2

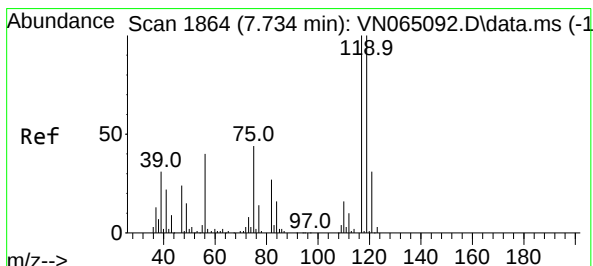
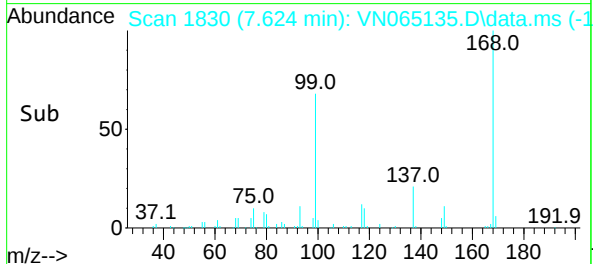
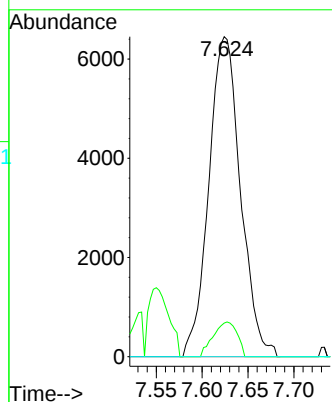
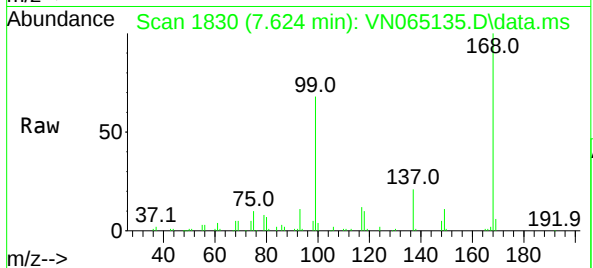




#36
1,1-Dichloropropene
Concen: 4.09 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

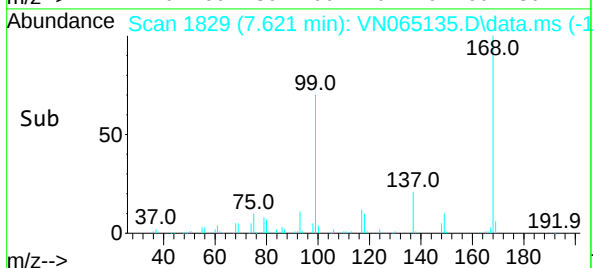
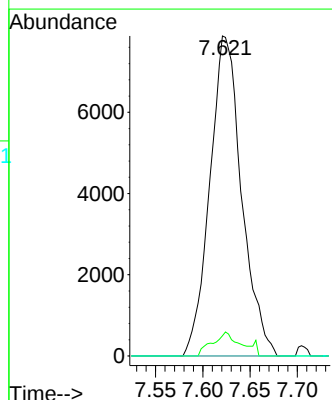
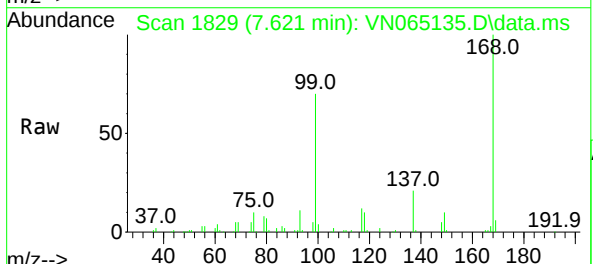
Instrument :
MSVOA_N
ClientSampled :

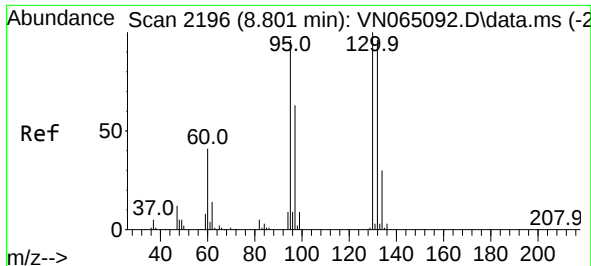
Tgt Ion: 75 Resp: 15506
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.21 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.113 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 117 Resp: 18427
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 25.4 38.2#

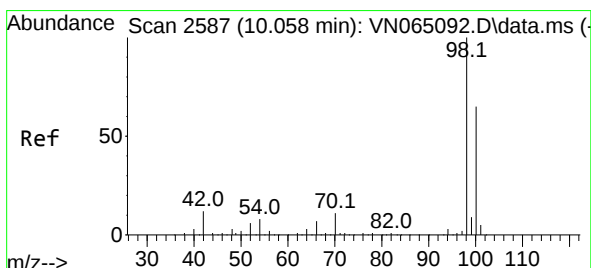
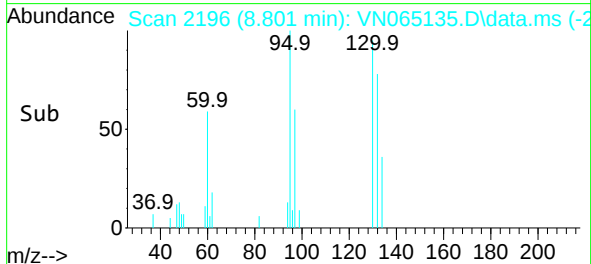
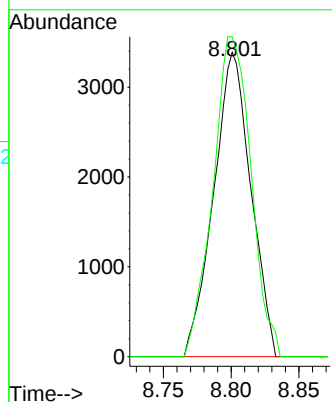
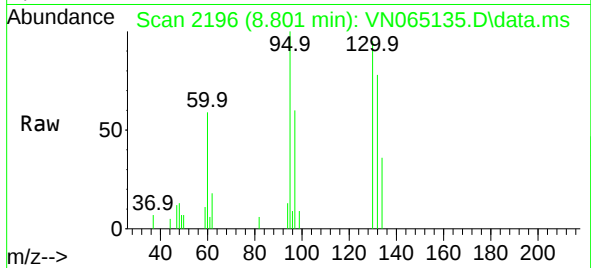




#44
Trichloroethene
Concen: 1.96 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

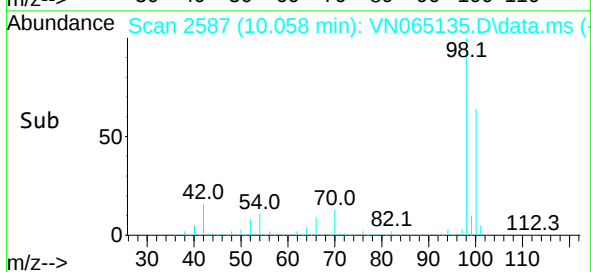
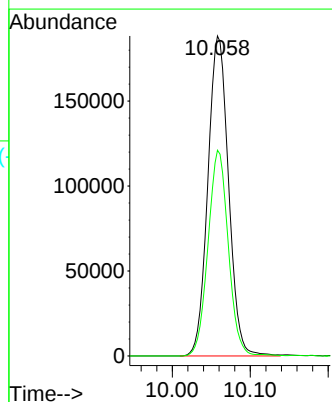
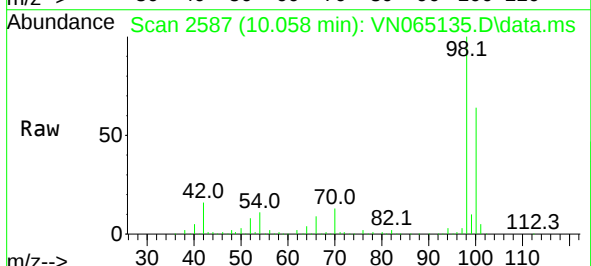
Instrument :
MSVOA_N
ClientSampled :

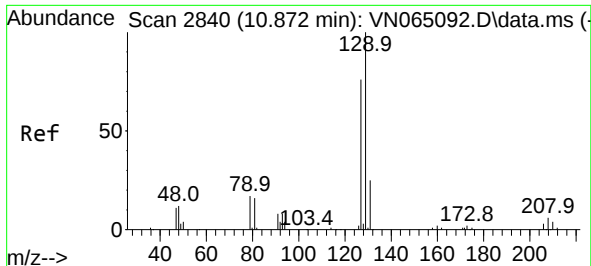
Tgt Ion:130 Resp: 6459
Ion Ratio Lower Upper
130 100
95 105.1 0.0 197.8



#50
Toluene-d8
Concen: 35.58 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 98 Resp: 347270
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5

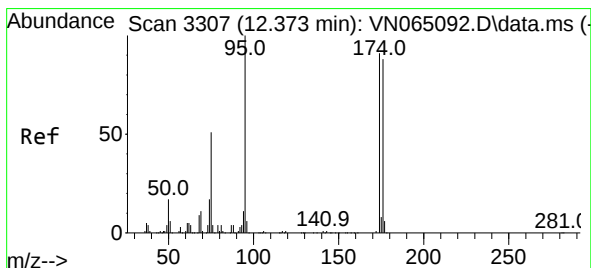
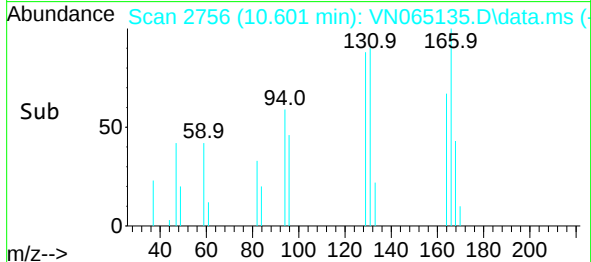
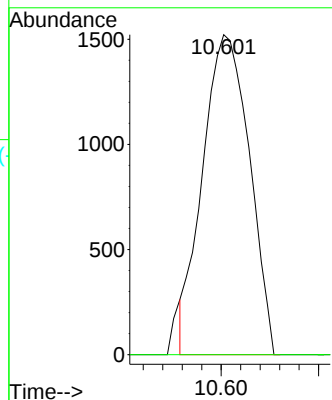
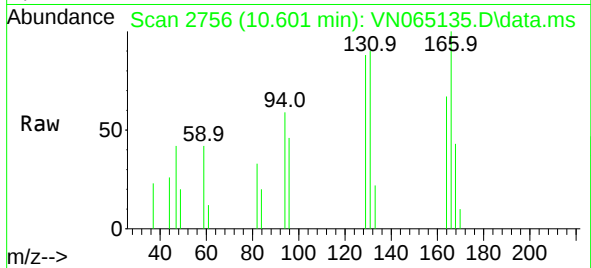




#60
Dibromochloromethane
Concen: 0.78 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

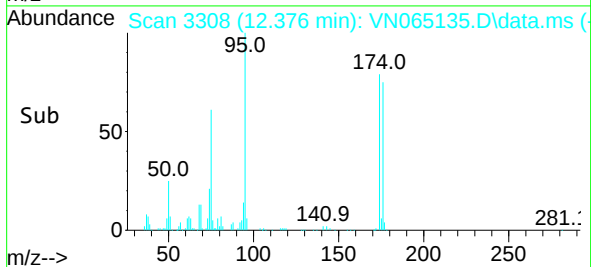
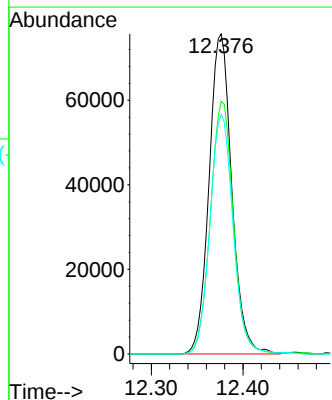
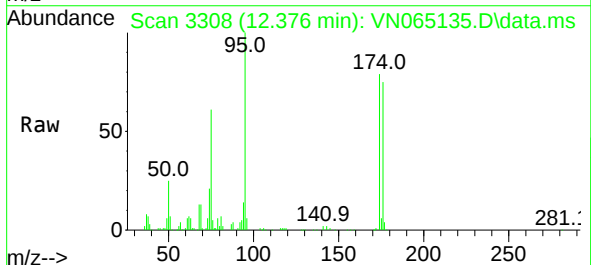
Instrument :
MSVOA_N
ClientSampled :

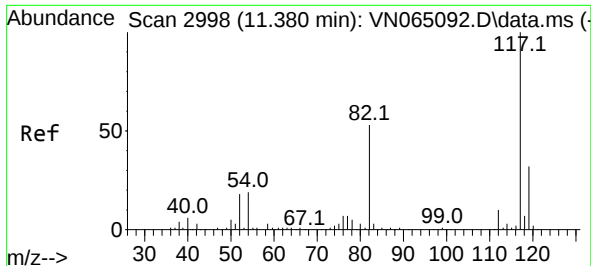
Tgt Ion:129 Resp: 2539
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 38.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion: 95 Resp: 130123
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.4
176 76.5 0.0 158.4

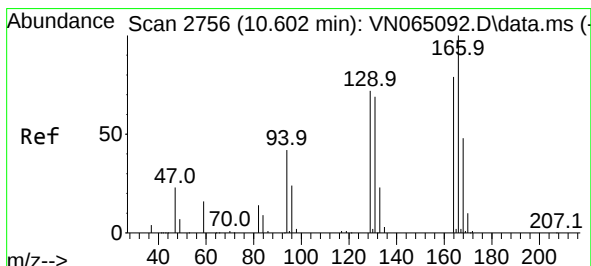
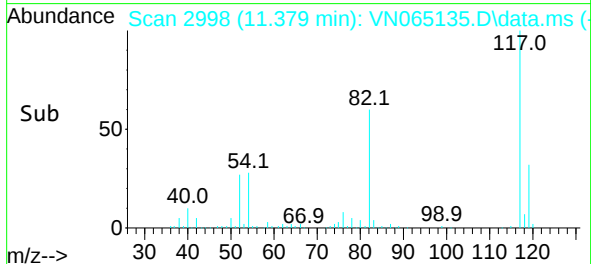
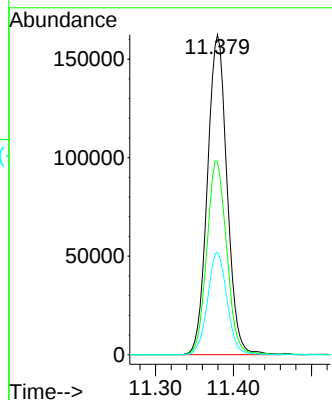
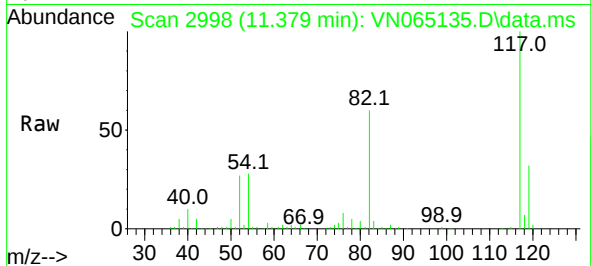




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

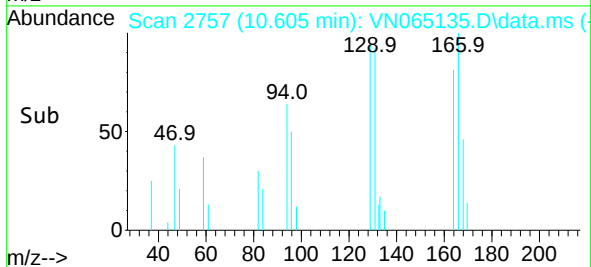
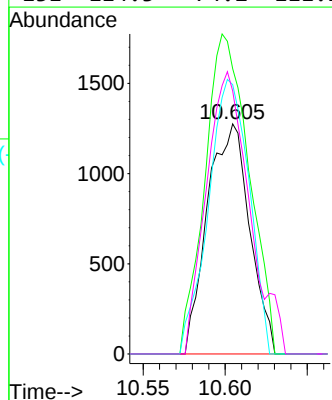
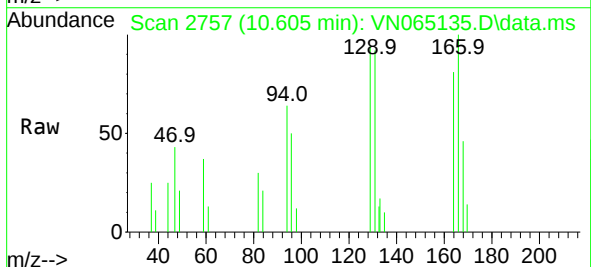
Instrument :
MSVOA_N
ClientSampleId :

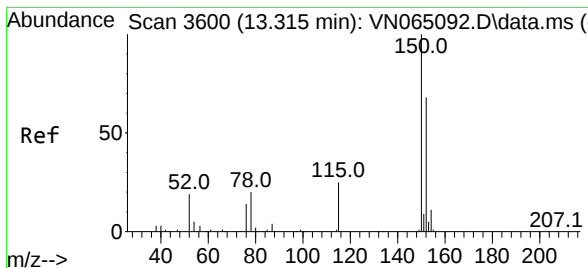
Tgt Ion:117 Resp: 284152
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 0.81 ug/l
RT: 10.605 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VN065135.D
Acq: 15 Dec 2020 5:43

Tgt Ion:164 Resp: 2277
Ion Ratio Lower Upper
164 100
166 124.0 101.4 152.0
129 117.0 76.1 114.1#
131 114.3 74.2 111.2#

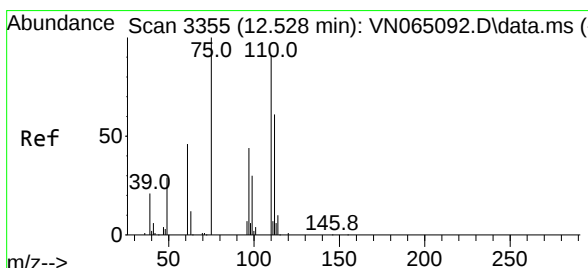
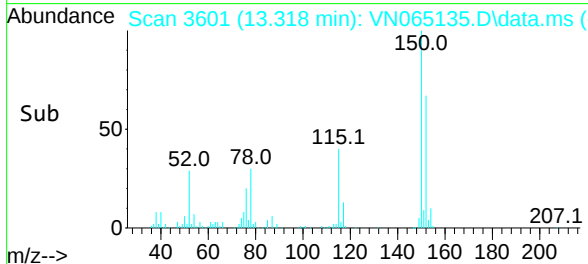
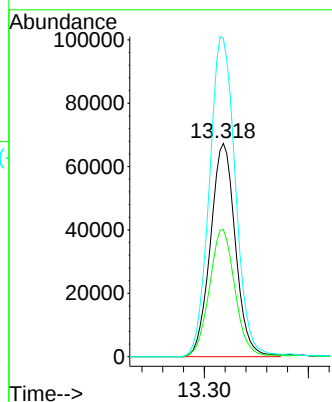
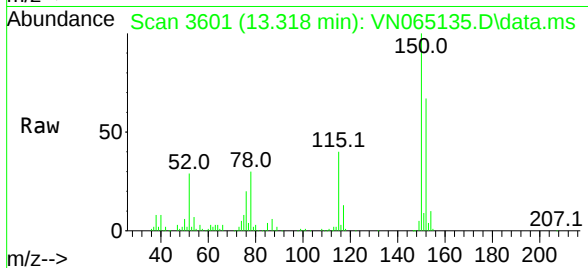




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065135.D
 Acq: 15 Dec 2020 5:43

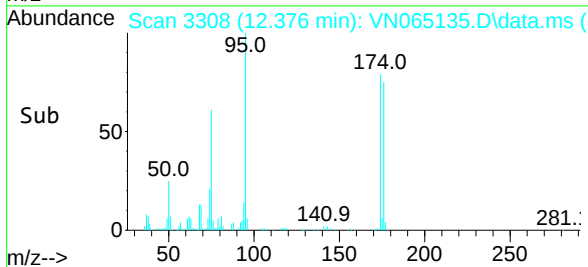
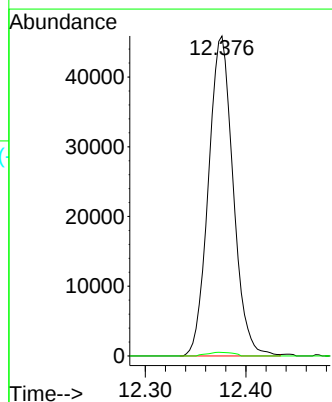
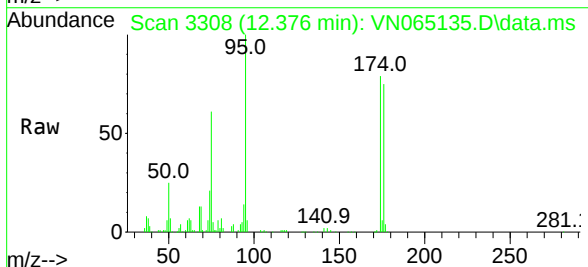
Instrument :
 MSVOA_N
 ClientSampled :

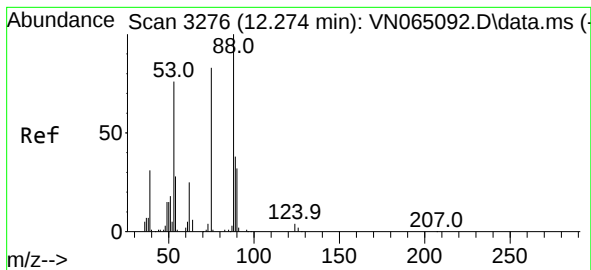
Tgt Ion:152 Resp: 111998
 Ion Ratio Lower Upper
 152 100
 115 61.0 29.7 89.1
 150 156.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 38.96 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.152 min
 Lab File: VN065135.D
 Acq: 15 Dec 2020 5:43

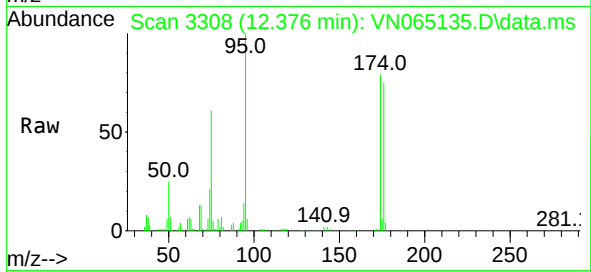
Tgt Ion: 75 Resp: 78295
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.41 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.102 min
 Lab File: VN065135.D
 Acq: 15 Dec 2020 5:43

Instrument :
 MSVOA_N
 ClientSampleId :



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

