

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065126.D
 Acq On : 15 Dec 2020 2:10
 Operator : JC/MD
 Sample : L5085-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 06:44:33 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)

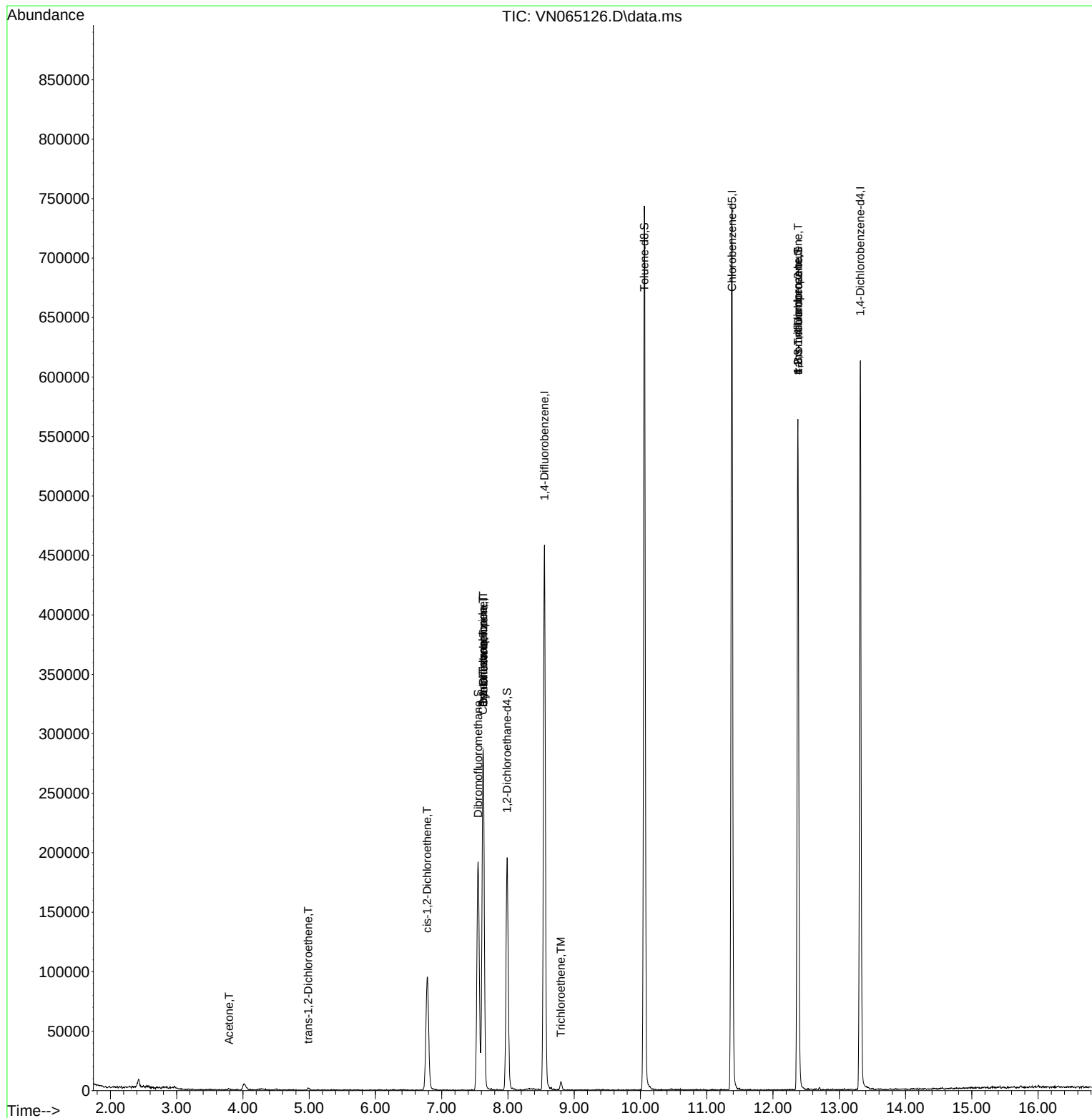
Internal Standards						
1) Pentafluorobenzene	7.627	168	240204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	413188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	441059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	173615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	168103	60.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.74%			
35) Dibromofluoromethane	7.550	113	146429	50.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.96%			
50) Toluene-d8	10.058	98	519953	51.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.376	95	187311	53.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.10%			
Target Compounds						Qvalue
3) Chloromethane	2.045	50	323	Below Cal	#	41
5) Bromomethane	2.534	94	200	Below Cal	#	3
16) Acetone	3.788	43	1512	1.47	ug/l #	43
20) Methylene Chloride	4.512	84	168	Below Cal	#	17
21) trans-1,2-Dichloroethene	4.984	96	839	0.36	ug/l #	62
27) cis-1,2-Dichloroethene	6.782	96	63556	24.28	ug/l	90
31) Cyclohexane	7.627	56	4481	1.19	ug/l #	18
36) 1,1-Dichloropropene	7.624	75	17083	4.33	ug/l #	47
38) Carbon Tetrachloride	7.621	117	24541	5.39	ug/l #	16
44) Trichloroethene	8.798	130	2482	0.72	ug/l	95
76) 1,2,3-Trichloropropane	12.376	75	96557	31.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	96557	86.24	ug/l #	15

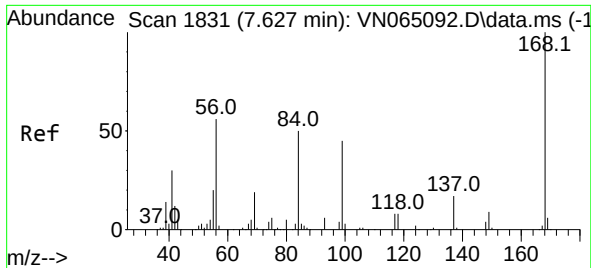
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

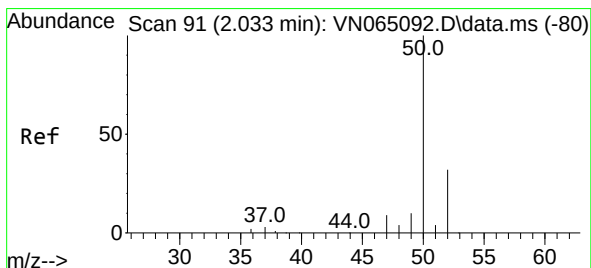
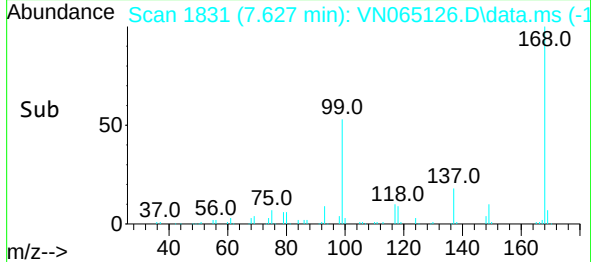
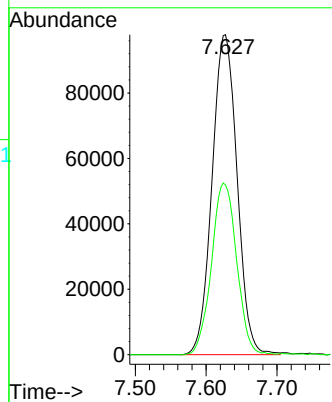
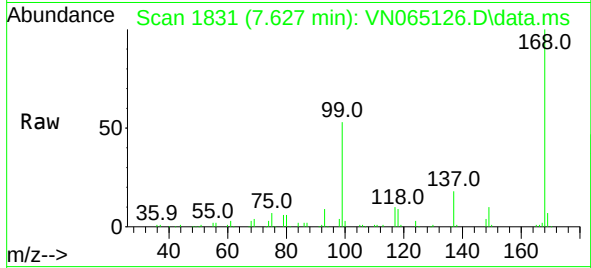




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

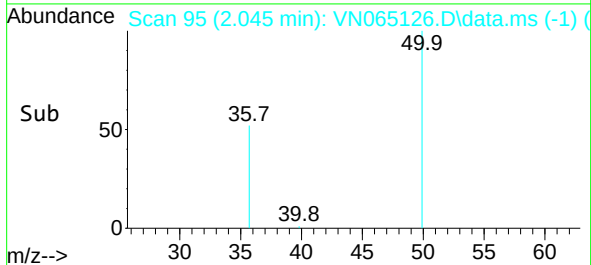
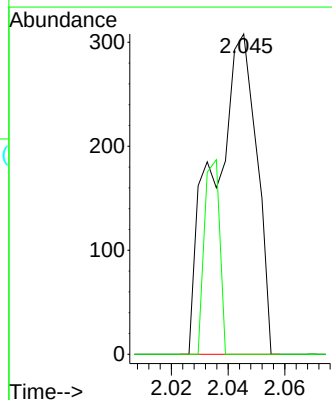
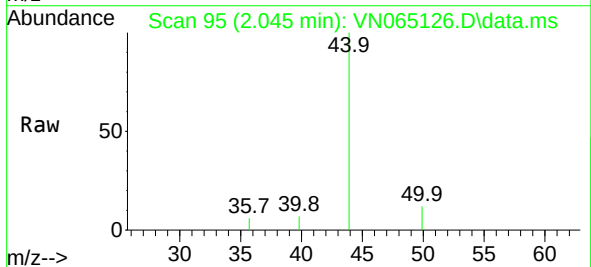
Instrument :
MSVOA_N
ClientSampled :

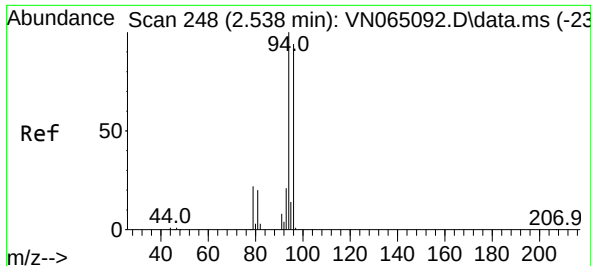
Tgt Ion:168 Resp: 240204
Ion Ratio Lower Upper
168 100
99 53.1 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.045 min Scan# 95
Delta R.T. 0.012 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

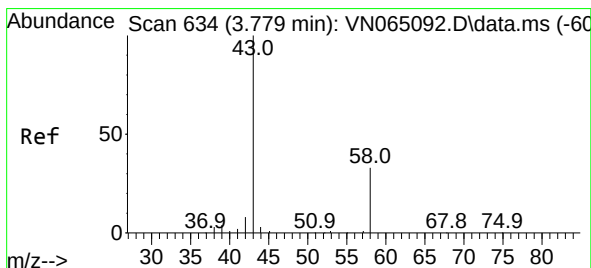
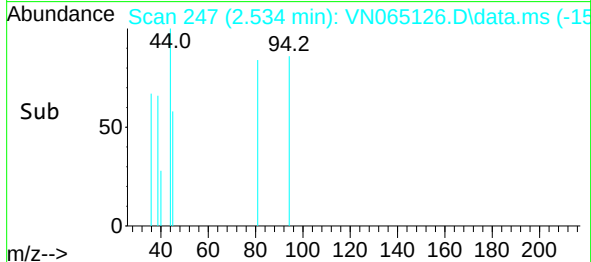
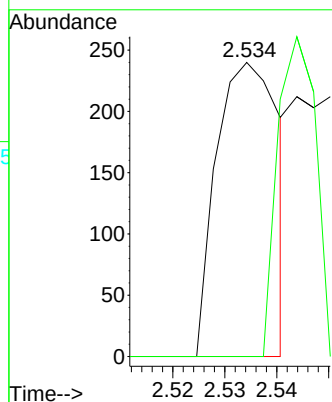
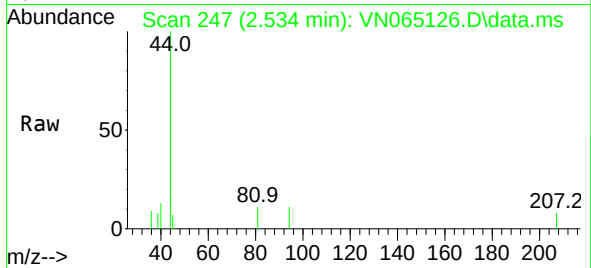




#5
Bromomethane
Concen: Below Cal
RT: 2.534 min Scan# 247
Delta R.T. -0.004 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

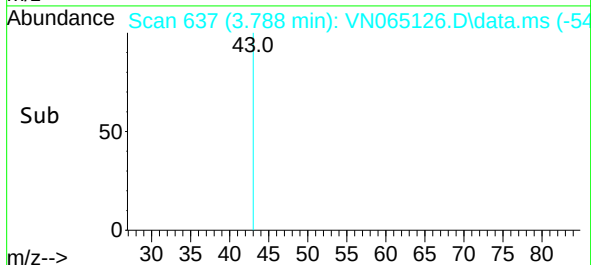
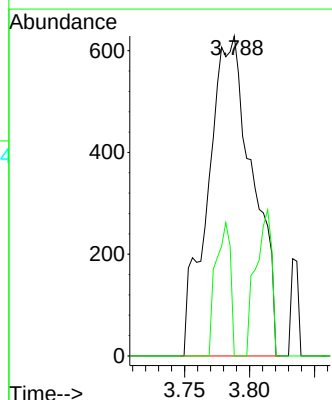
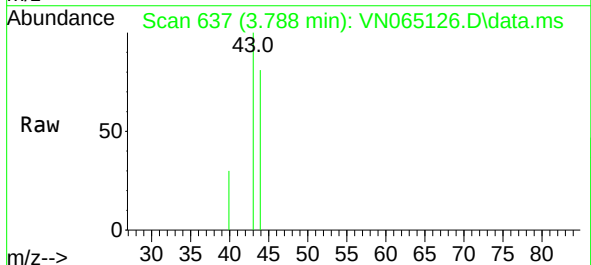
Instrument :
MSVOA_N
ClientSampled :

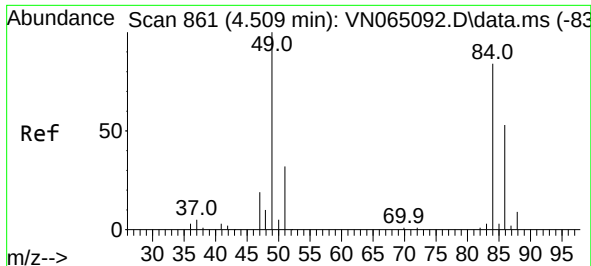
Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#16
Acetone
Concen: 1.47 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.009 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Tgt Ion: 43 Resp: 1512
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: VN065126.D

Acq: 15 Dec 2020 2:10

Tgt Ion: 84 Resp: 168

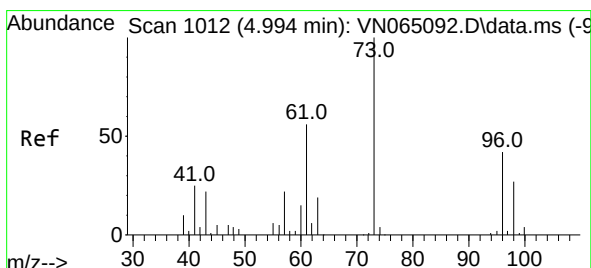
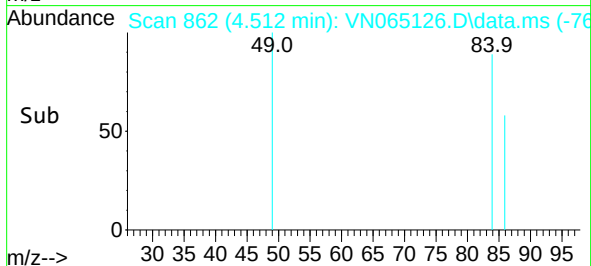
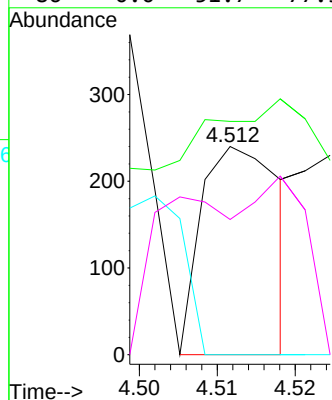
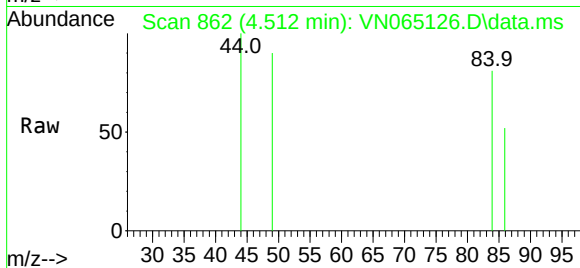
Ion Ratio Lower Upper

84 100

49 18.7 93.4 140.0#

51 0.0 28.2 42.4#

86 0.0 51.7 77.5#



#21

trans-1,2-Dichloroethene

Concen: 0.36 ug/l

RT: 4.984 min Scan# 1009

Delta R.T. -0.010 min

Lab File: VN065126.D

Acq: 15 Dec 2020 2:10

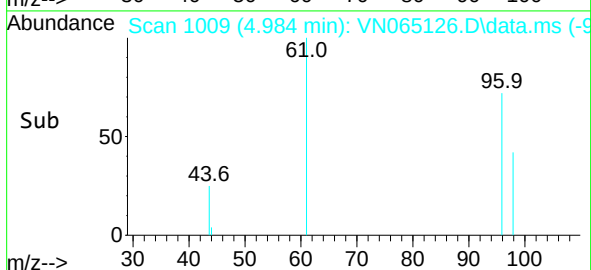
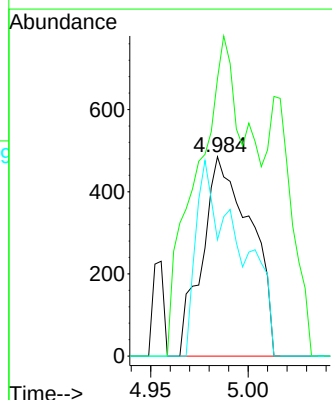
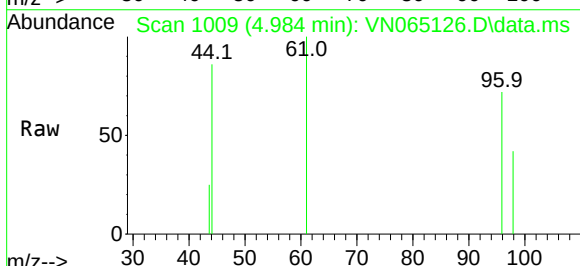
Tgt Ion: 96 Resp: 839

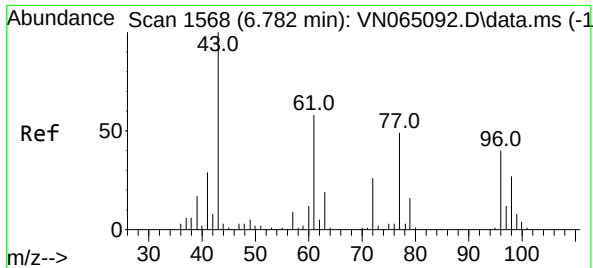
Ion Ratio Lower Upper

96 100

61 72.4 108.4 162.6#

98 58.4 51.3 76.9

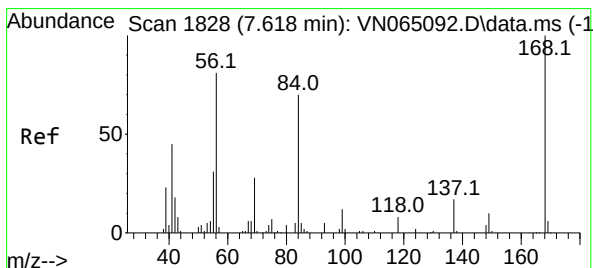
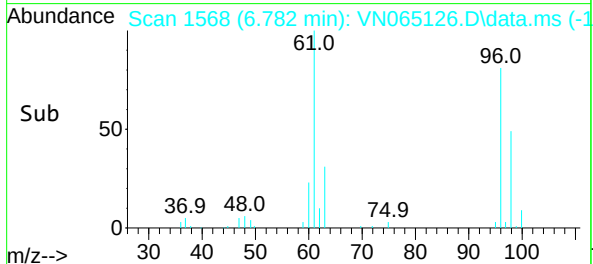
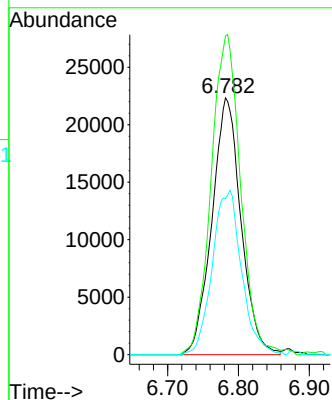
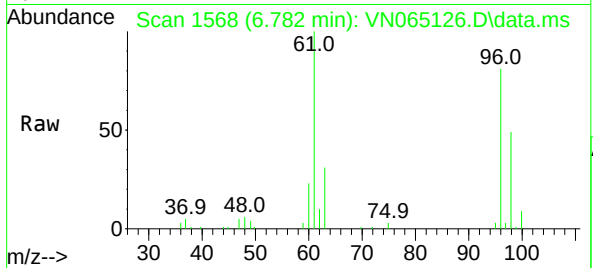




#27
 cis-1,2-Dichloroethene
 Concen: 24.28 ug/l
 RT: 6.782 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VN065126.D
 Acq: 15 Dec 2020 2:10

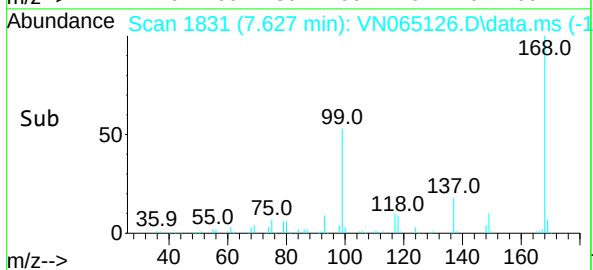
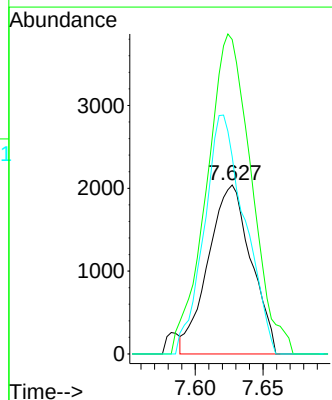
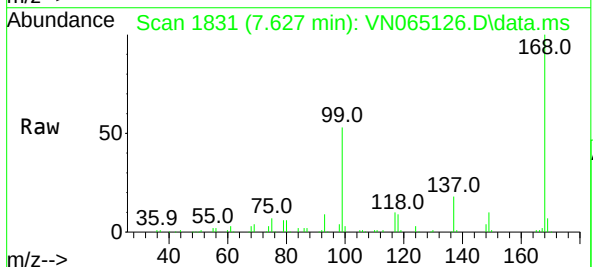
Instrument :
 MSVOA_N
 ClientSampled :

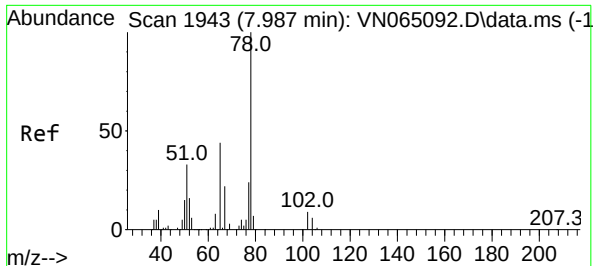
Tgt Ion: 96	Resp: 63556
Ion Ratio	Lower Upper
96 100	
61 126.1	0.0 285.8
98 64.6	0.0 130.6



#31
 Cyclohexane
 Concen: 1.19 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.009 min
 Lab File: VN065126.D
 Acq: 15 Dec 2020 2:10

Tgt Ion: 56	Resp: 4481
Ion Ratio	Lower Upper
56 100	
69 169.8	27.5 41.3#
84 116.8	73.9 110.9#

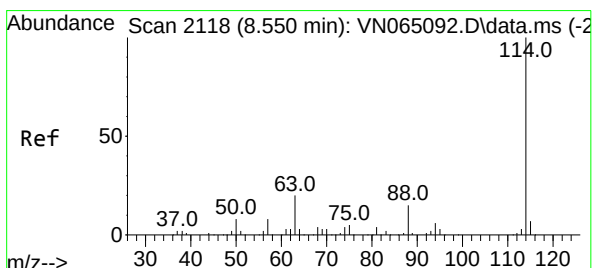
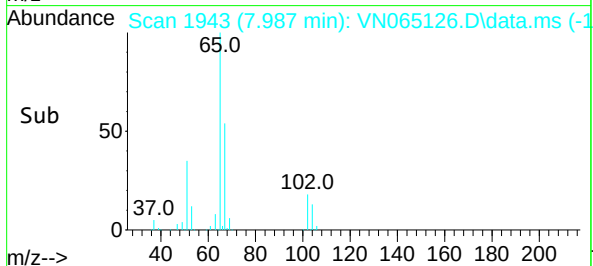
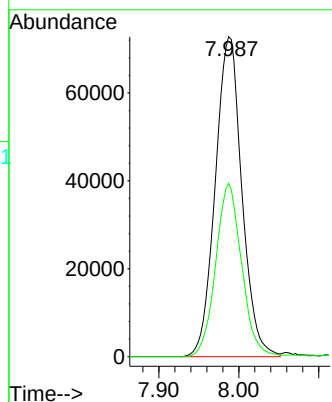
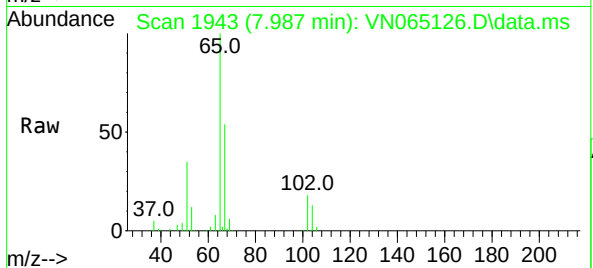




#33
 1,2-Dichloroethane-d4
 Concen: 60.87 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN065126.D
 Acq: 15 Dec 2020 2:10

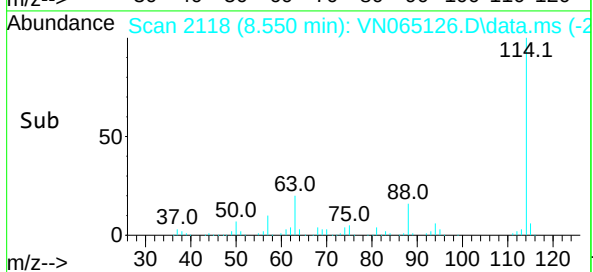
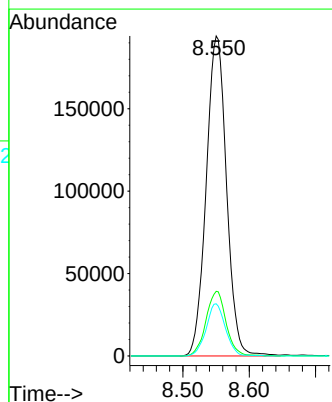
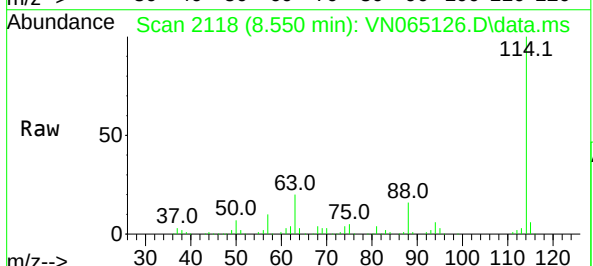
Instrument :
 MSVOA_N
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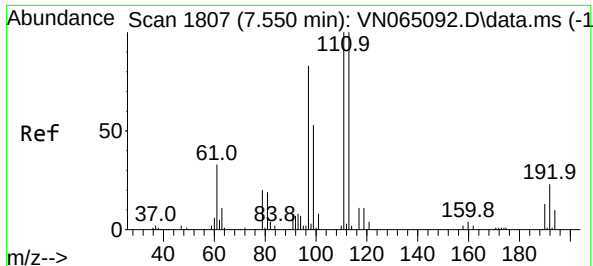
Tgt Ion: 65 Resp: 168103
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065126.D
 Acq: 15 Dec 2020 2:10

Tgt Ion: 114 Resp: 413188
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.6
 88 16.3 0.0 32.6

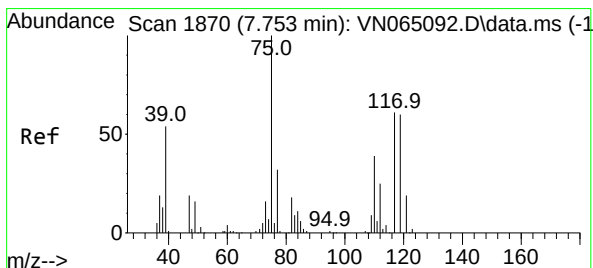
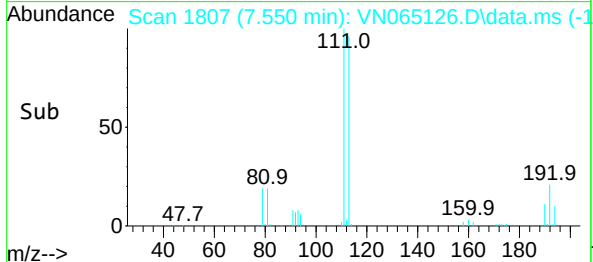
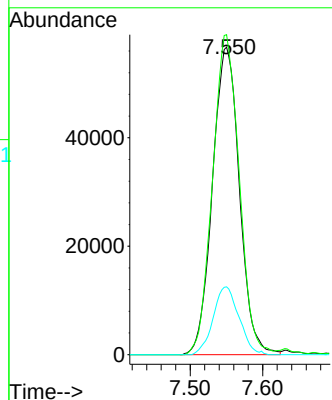
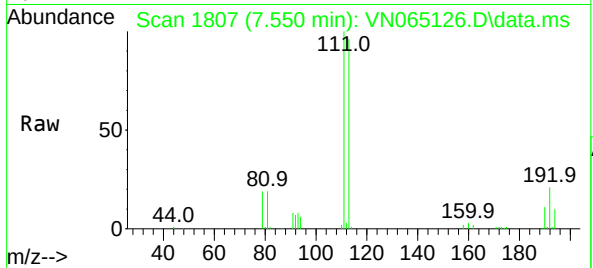




#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

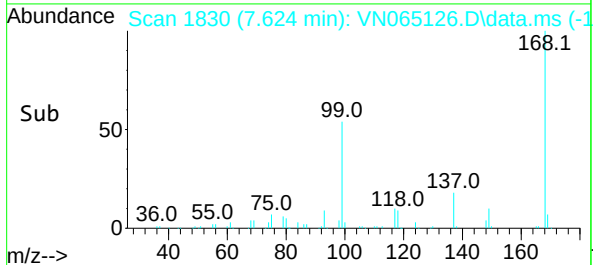
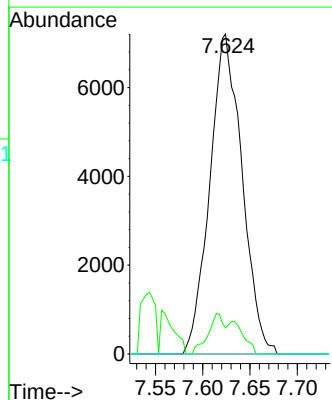
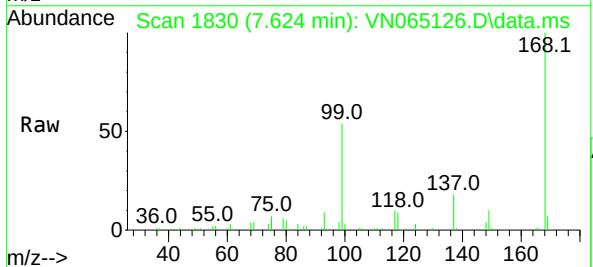
Instrument :
MSVOA_N
ClientSampled :

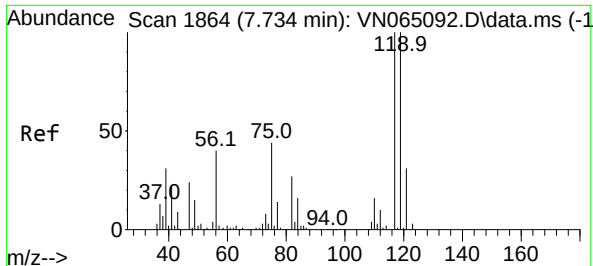
Tgt Ion:113 Resp: 146429
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 21.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

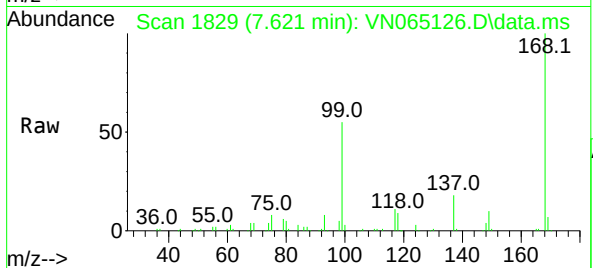
Tgt Ion: 75 Resp: 17083
Ion Ratio Lower Upper
75 100
110 6.3 17.8 53.3#
77 0.0 25.0 37.4#



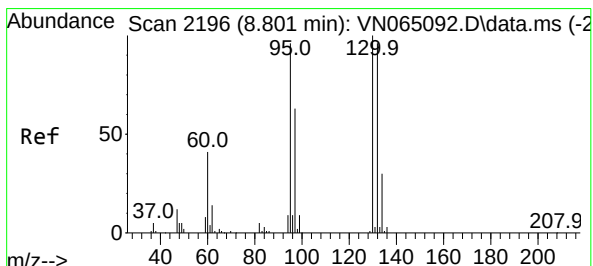
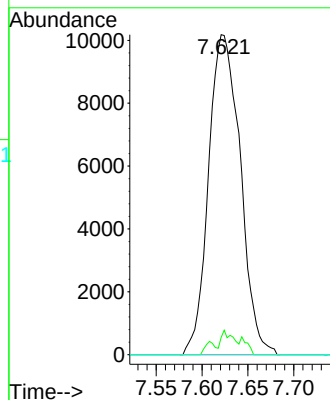
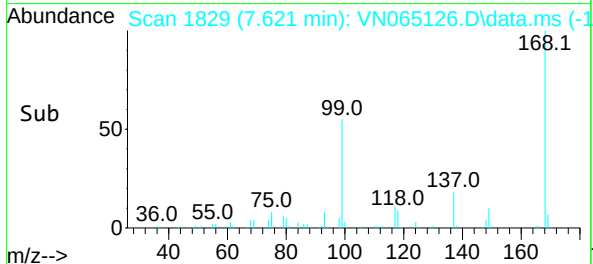


#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.113 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

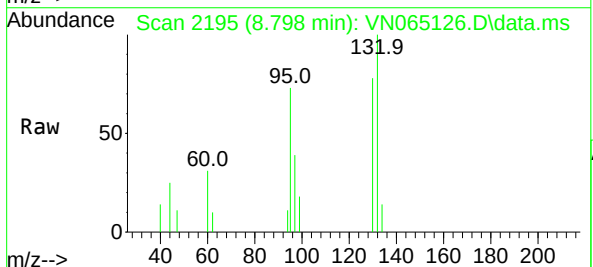
Instrument :
MSVOA_N
ClientSampled :



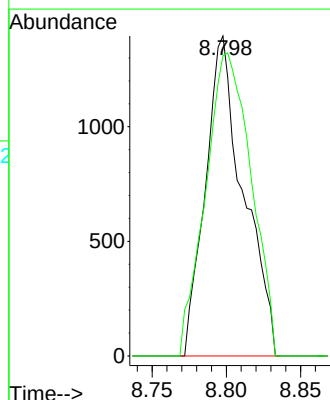
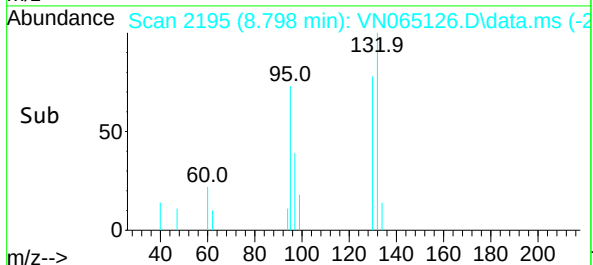
Tgt Ion:117 Resp: 24541
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#

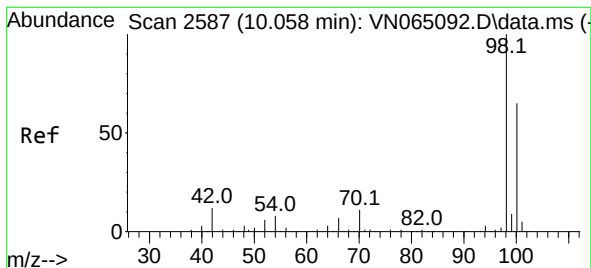


#44
Trichloroethene
Concen: 0.72 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10



Tgt Ion:130 Resp: 2482
Ion Ratio Lower Upper
130 100
95 93.8 0.0 197.8

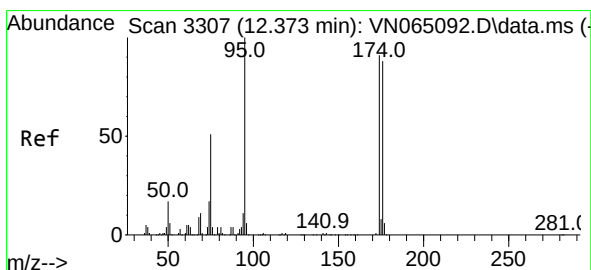
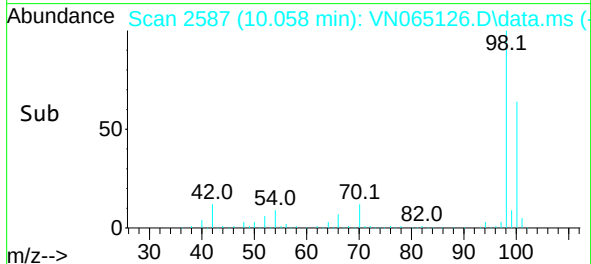
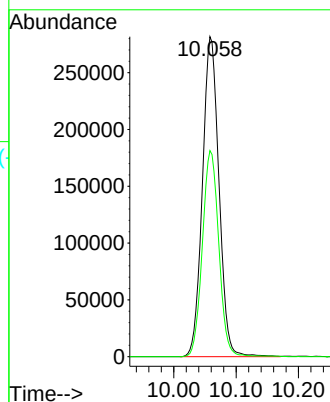
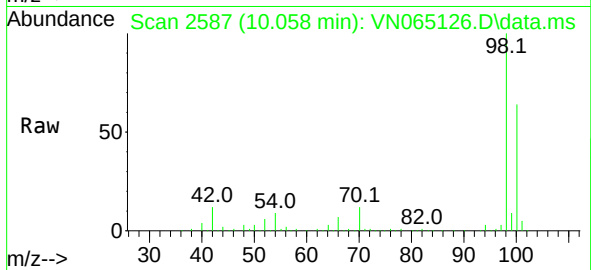




#50
Toluene-d8
Concen: 51.20 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

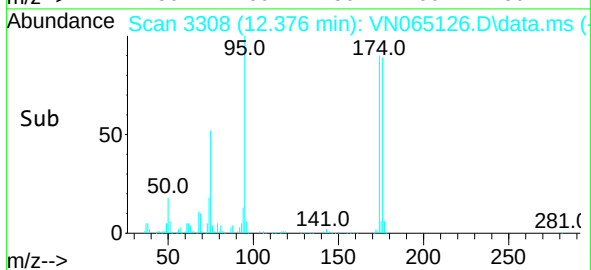
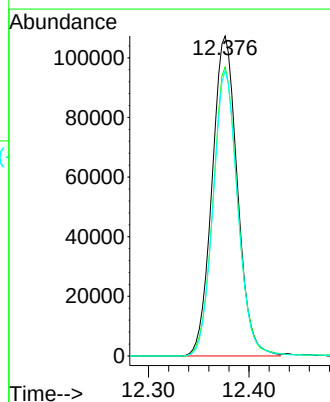
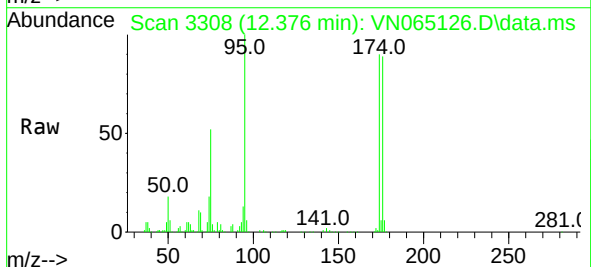
Instrument :
MSVOA_N
ClientSampled :

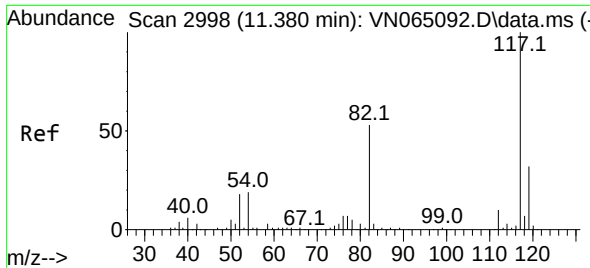
Tgt Ion: 98 Resp: 519953
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.55 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Tgt Ion: 95 Resp: 187311
Ion Ratio Lower Upper
95 100
174 88.4 0.0 160.4
176 87.0 0.0 158.4

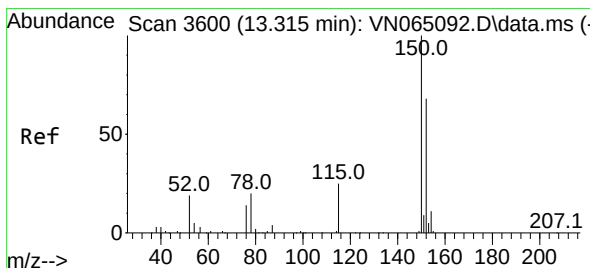
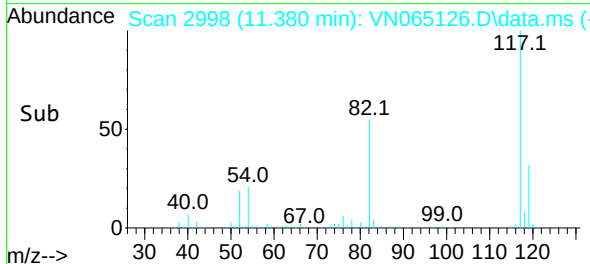
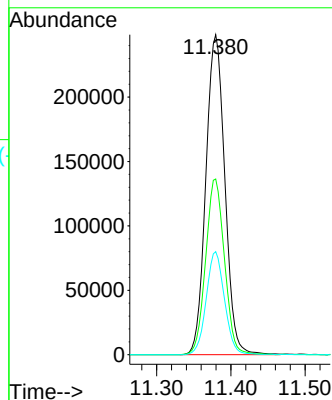
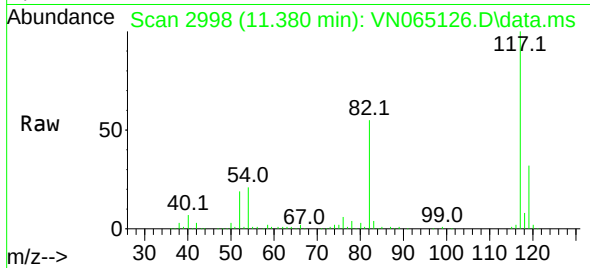




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

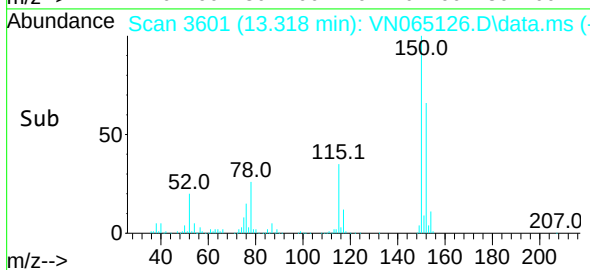
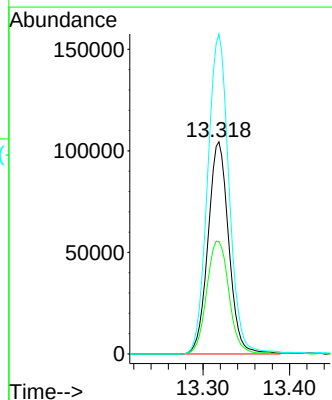
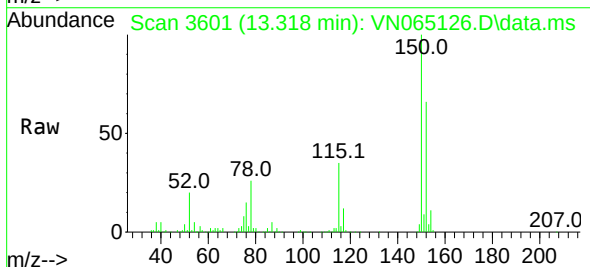
Instrument :
MSVOA_N
ClientSampled :

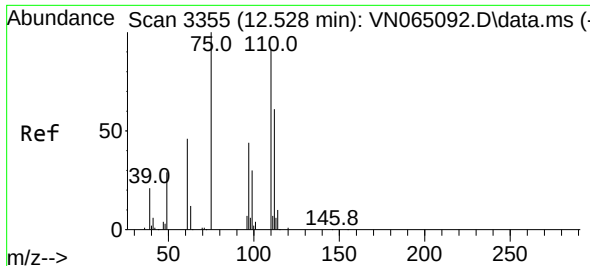
Tgt Ion:117 Resp: 441059
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Tgt Ion:152 Resp: 173615
Ion Ratio Lower Upper
152 100
115 57.1 29.7 89.1
150 156.3 0.0 350.6

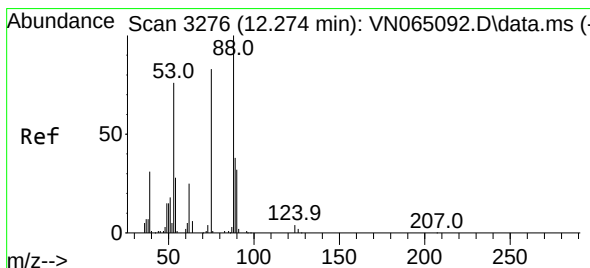
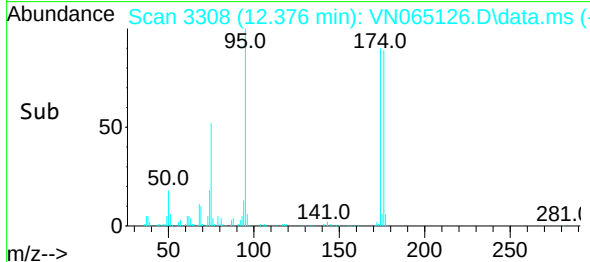
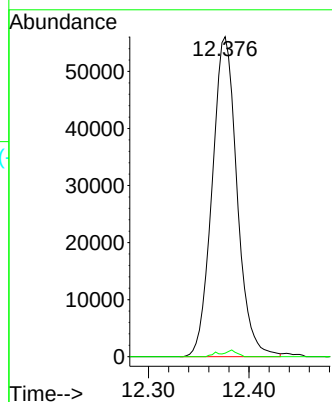
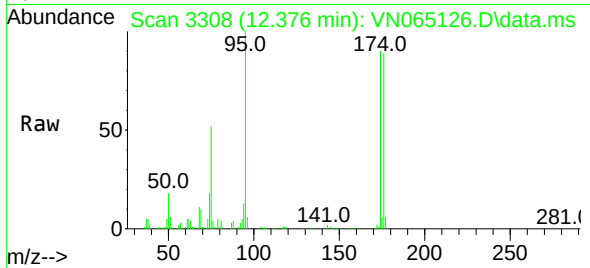




#76
1,2,3-Trichloropropane
Concen: 31.00 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 96557
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065126.D
Acq: 15 Dec 2020 2:10

Tgt Ion: 75 Resp: 96557
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#

