

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065125.D
 Acq On : 15 Dec 2020 1:46
 Operator : JC/MD
 Sample : L5085-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-571-121120

Quant Time: Dec 15 06:44:15 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)

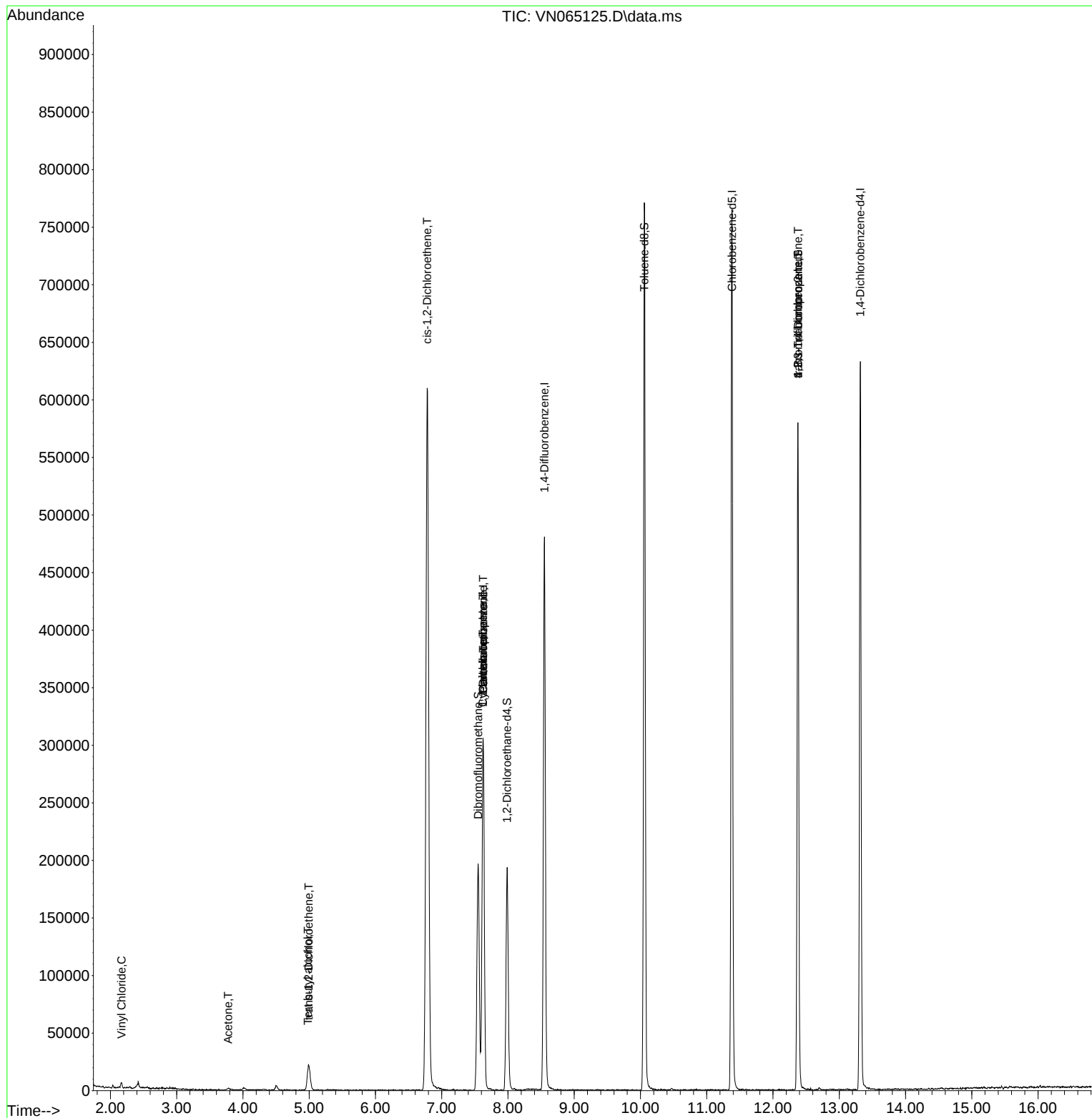
Internal Standards						
1) Pentafluorobenzene	7.624	168	266242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	429737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	450675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	163043	53.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.54%			
35) Dibromofluoromethane	7.550	113	150459	50.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.74%			
50) Toluene-d8	10.058	98	533878	50.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.08%			
62) 4-Bromofluorobenzene	12.376	95	191186	52.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.12%			
Target Compounds						
3) Chloromethane	2.036	50	2241	Below Cal	#	82
4) Vinyl Chloride	2.168	62	4285	1.73	ug/l	95
5) Bromomethane	2.534	94	121	Below Cal	#	3
11) Tert butyl alcohol	4.981	59	176	0.54	ug/l	# 73
16) Acetone	3.775	43	927	0.81	ug/l	# 63
21) trans-1,2-Dichloroethene	4.991	96	14364	5.53	ug/l	91
27) cis-1,2-Dichloroethene	6.782	96	421609	145.33	ug/l	89
31) Cyclohexane	7.621	56	4900	1.18	ug/l	# 1
36) 1,1-Dichloropropene	7.621	75	18817	4.59	ug/l	# 49
38) Carbon Tetrachloride	7.624	117	23462	4.96	ug/l	# 16
76) 1,2,3-Trichloropropane	12.376	75	97619	29.59	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.376	75	97619	82.32	ug/l	# 15

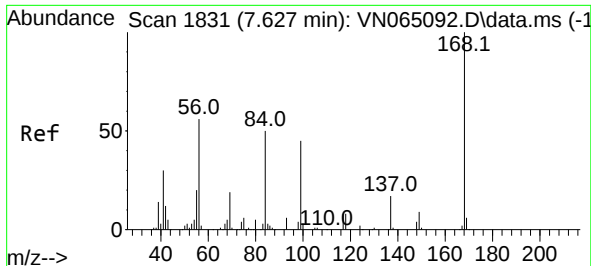
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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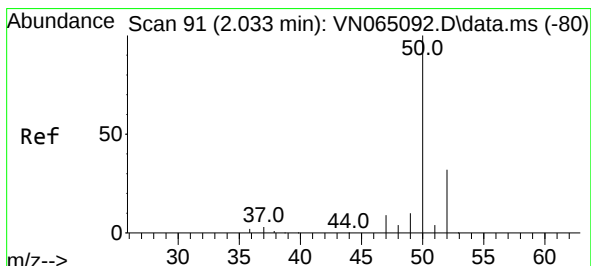
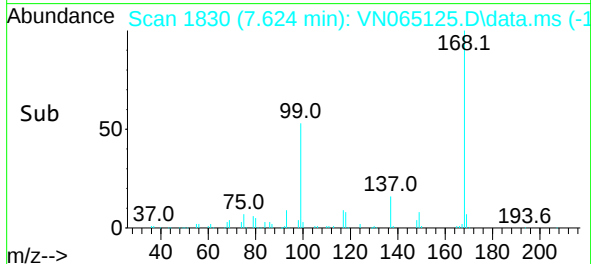
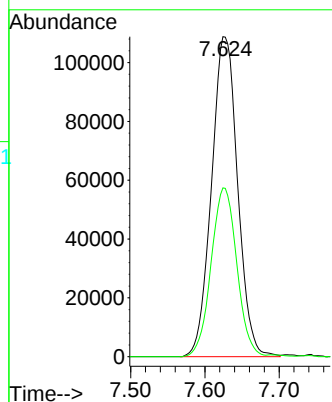
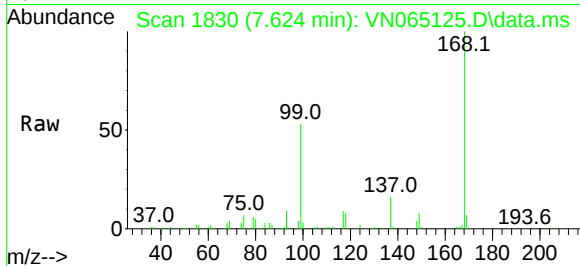




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

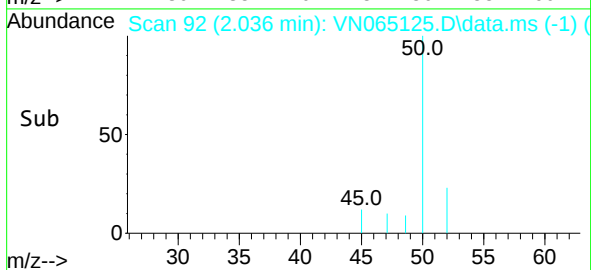
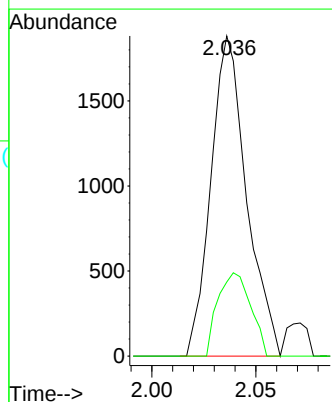
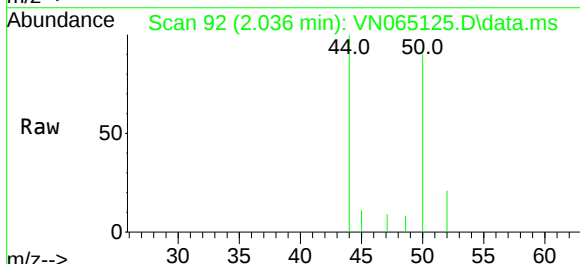
Instrument :
MSVOA_N
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TU032-32-571-121120

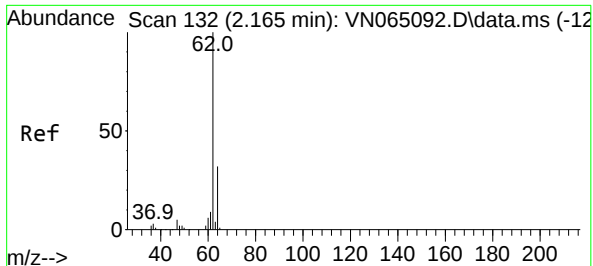
Tgt Ion:168 Resp: 266242
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.036 min Scan# 92
Delta R.T. 0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 50 Resp: 2241
Ion Ratio Lower Upper
50 100
52 23.1 26.6 39.8#

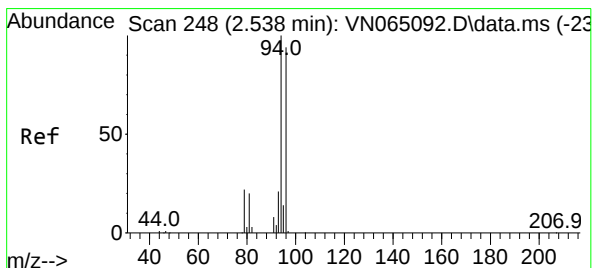
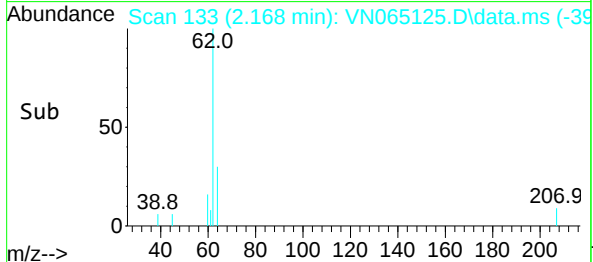
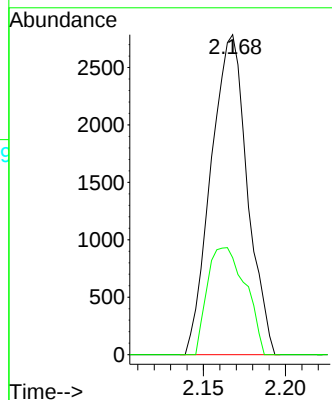
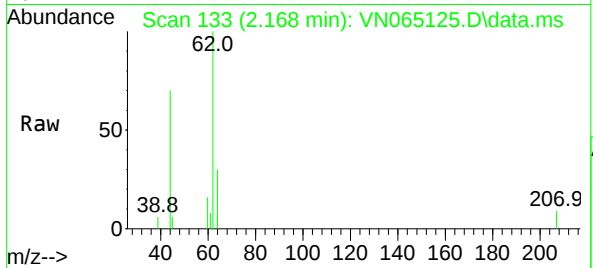




#4
 Vinyl Chloride
 Concen: 1.73 ug/l
 RT: 2.168 min Scan# 133
 Delta R.T. 0.003 min
 Lab File: VN065125.D
 Acq: 15 Dec 2020 1:46

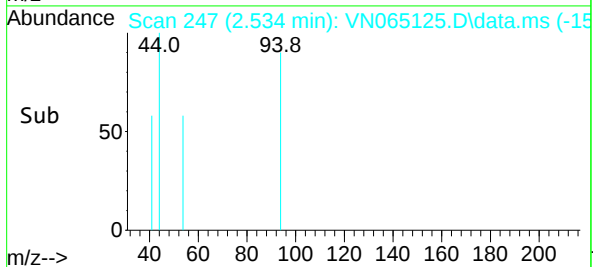
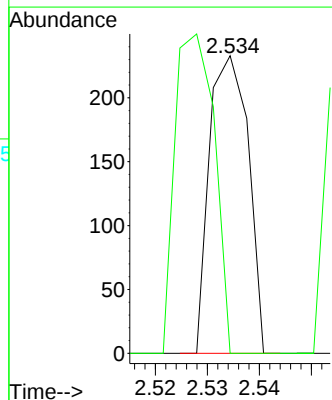
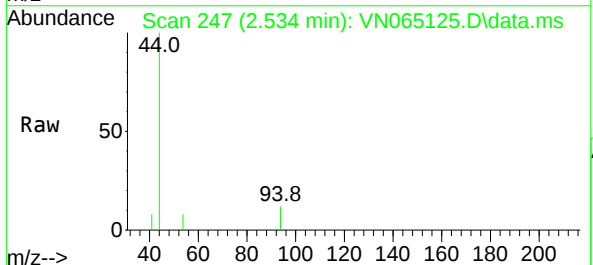
Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-571-121120

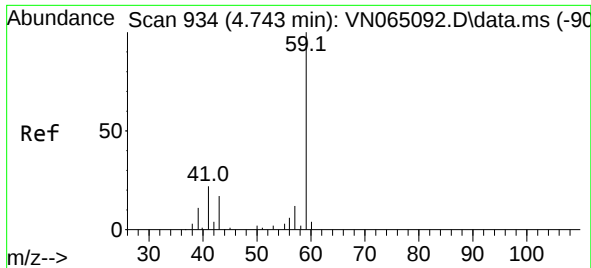
Tgt Ion: 62 Resp: 4285
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.5 39.7



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.534 min Scan# 247
 Delta R.T. -0.004 min
 Lab File: VN065125.D
 Acq: 15 Dec 2020 1:46

Tgt Ion: 94 Resp: 121
 Ion Ratio Lower Upper
 94 100
 96 0.0 75.4 113.0#

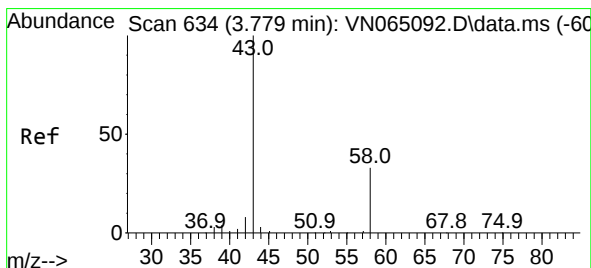
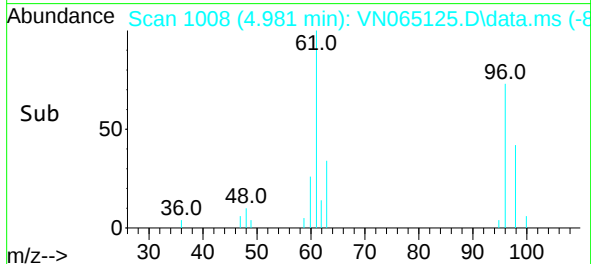
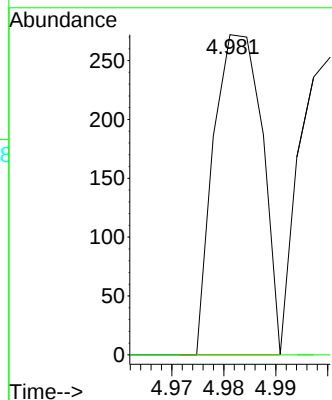
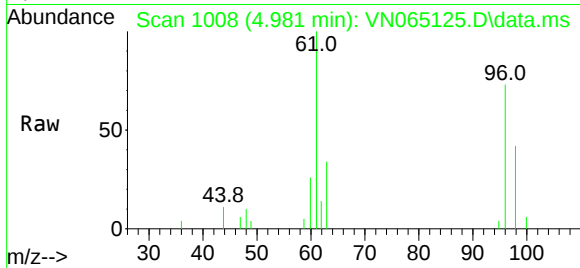




#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. 0.238 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

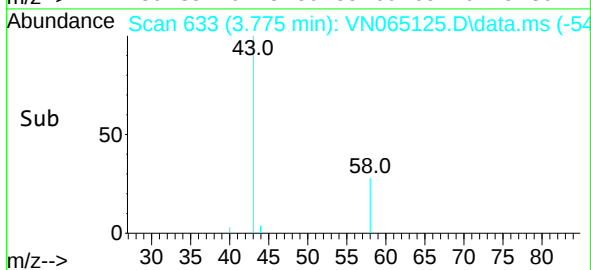
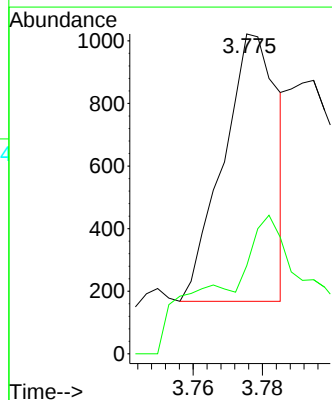
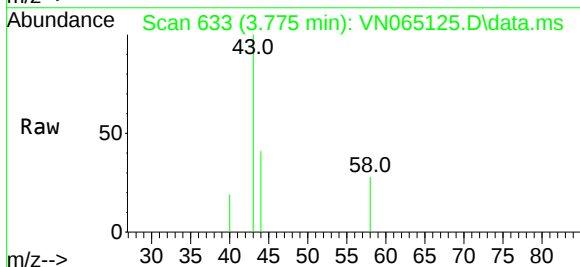
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-571-121120

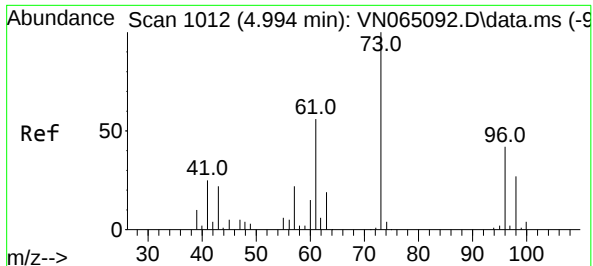
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 0.81 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.004 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 11.5 25.7 38.5#

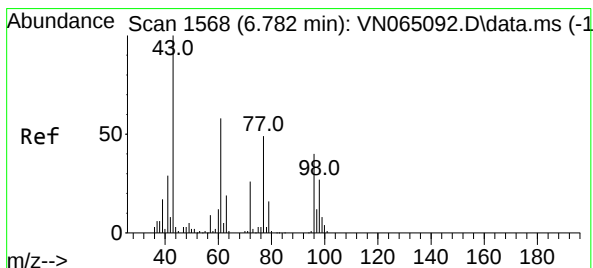
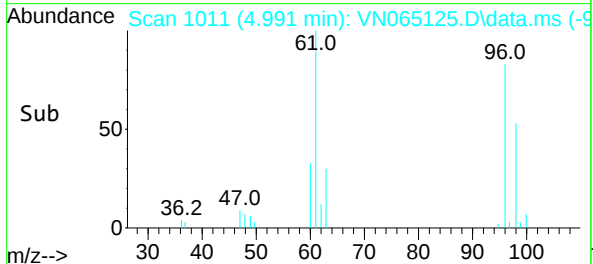
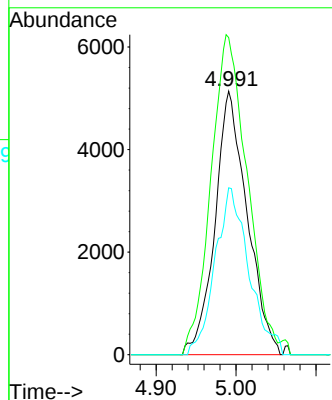
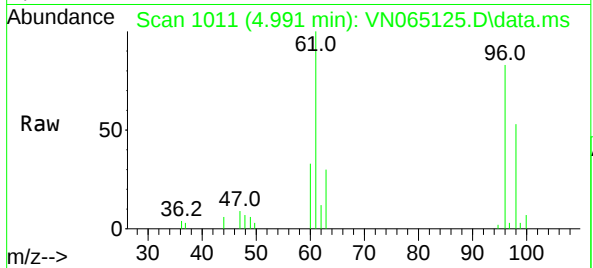




#21
trans-1,2-Dichloroethene
Concen: 5.53 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. -0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

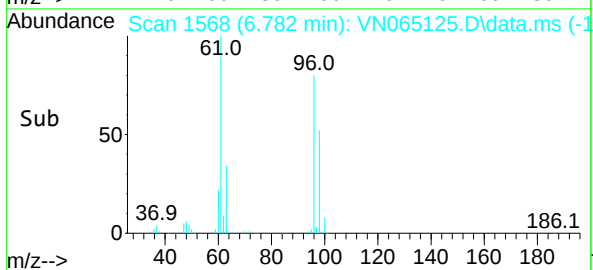
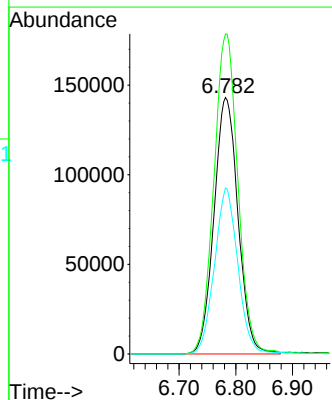
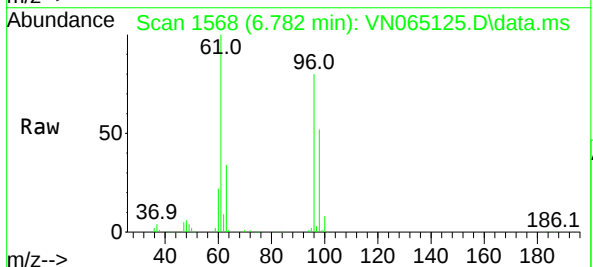
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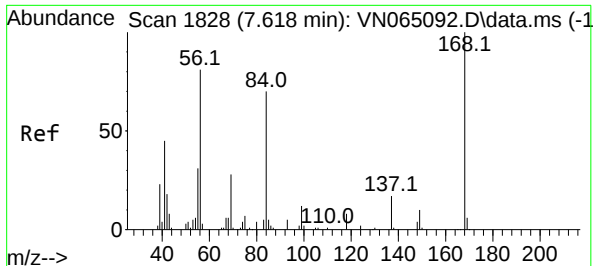
Tgt Ion:	96	Resp:	14364
Ion	Ratio	Lower	Upper
96	100		
61	120.3	108.4	162.6
98	63.3	51.3	76.9



#27
cis-1,2-Dichloroethene
Concen: 145.33 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion:	96	Resp:	421609
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	285.8
98	62.8	0.0	130.6

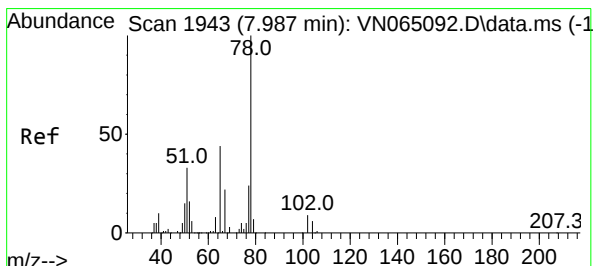
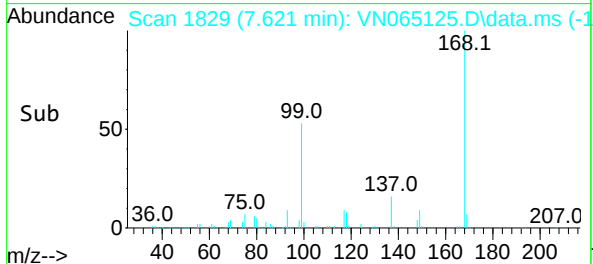
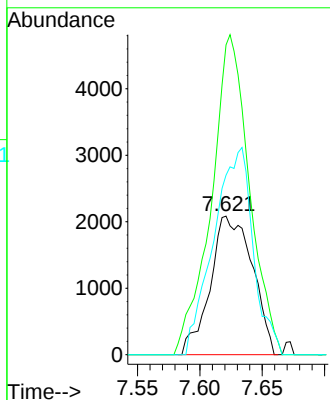
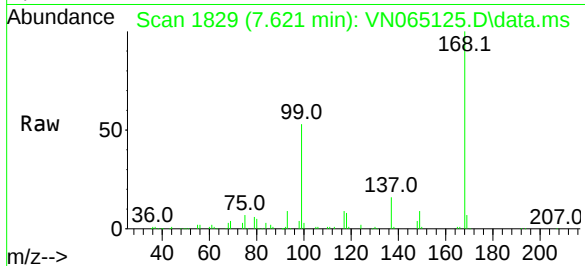




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

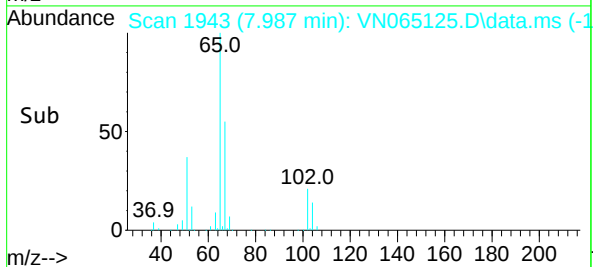
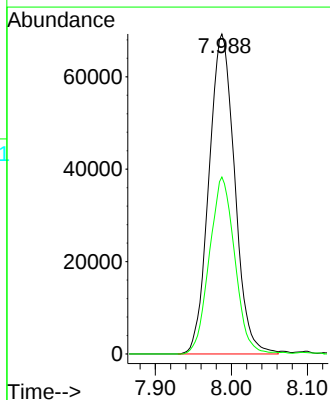
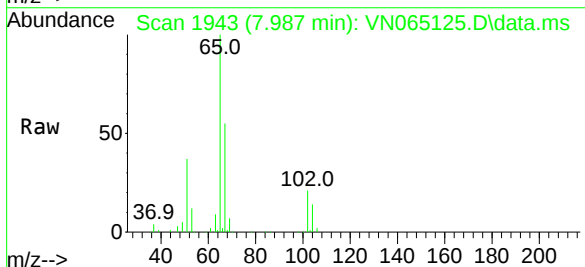
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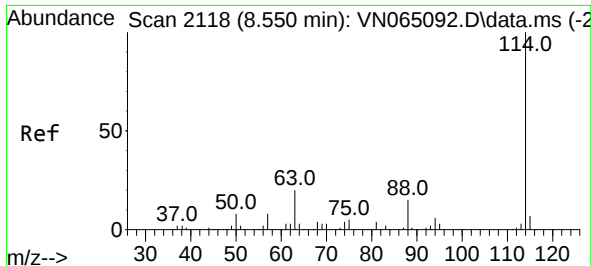
Tgt Ion: 56 Resp: 4900
Ion Ratio Lower Upper
56 100
69 216.0 27.5 41.3#
84 129.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 53.27 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 65 Resp: 163043
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.2

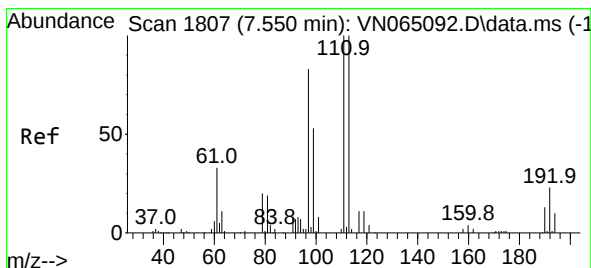
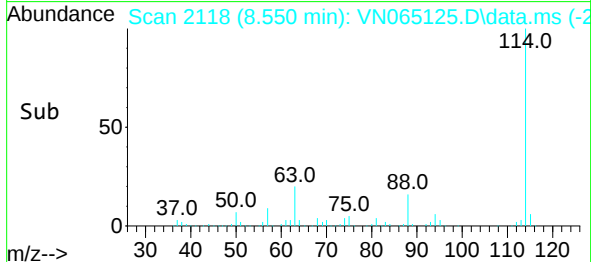
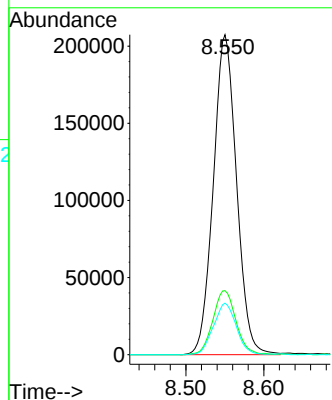
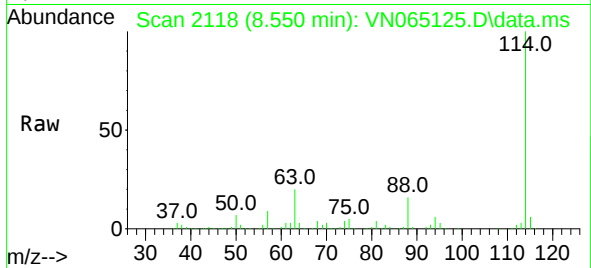




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

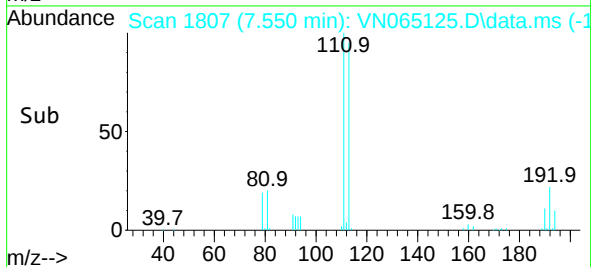
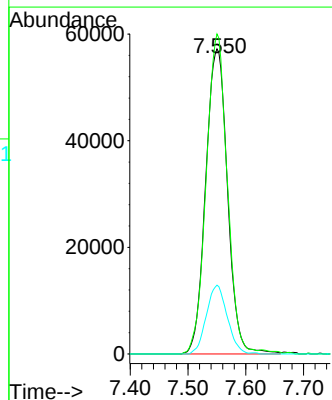
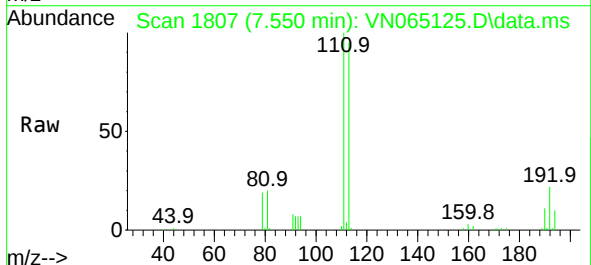
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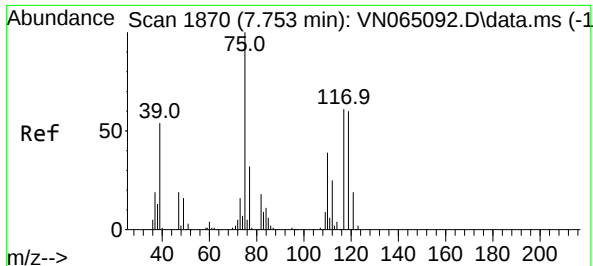
Tgt Ion:114 Resp: 429737
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion:113 Resp: 150459
Ion Ratio Lower Upper
113 100
111 100.8 81.6 122.4
192 21.5 16.2 24.2

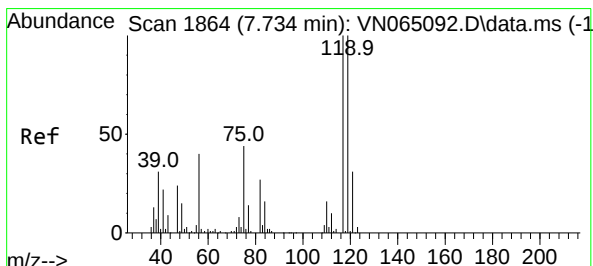
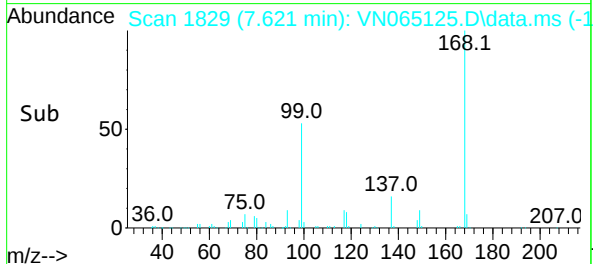
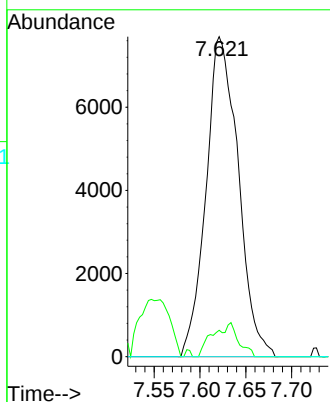
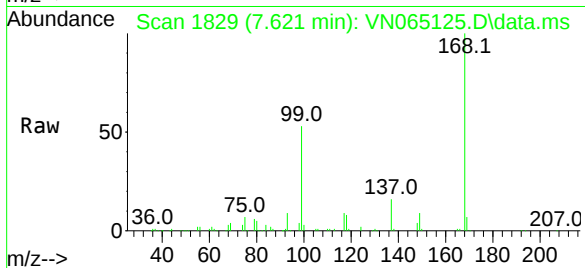




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

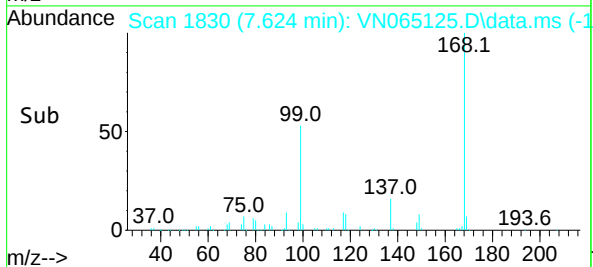
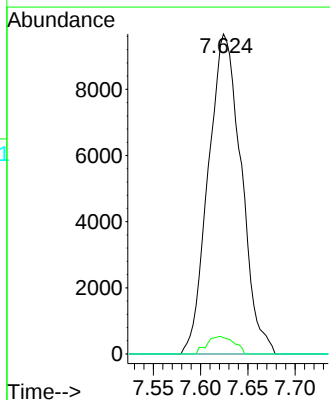
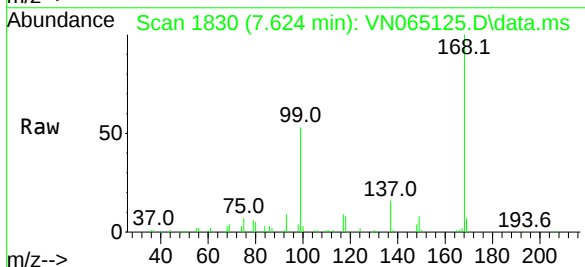
Instrument :
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TU032-32-571-121120

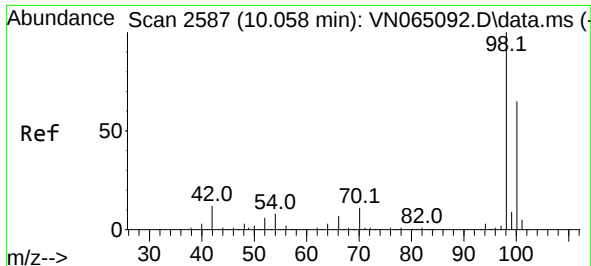
Tgt Ion: 75 Resp: 18817
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.96 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 117 Resp: 23462
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

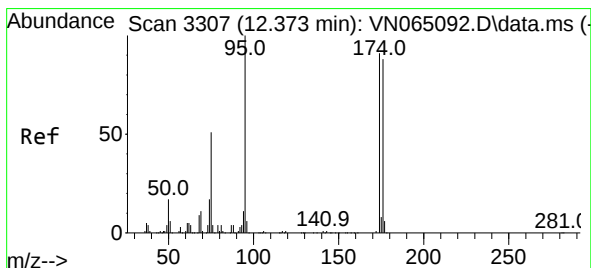
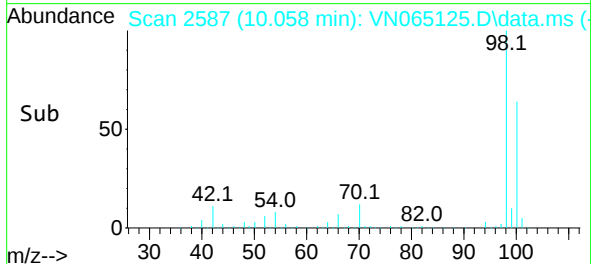
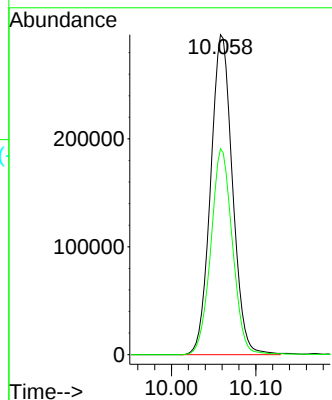
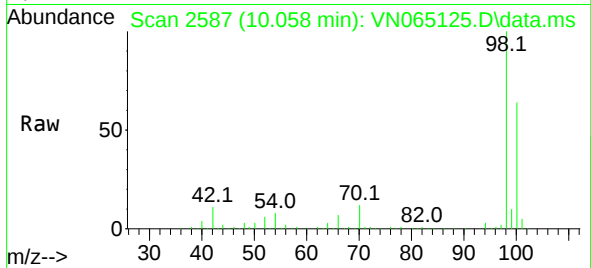




#50
Toluene-d8
Concen: 50.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

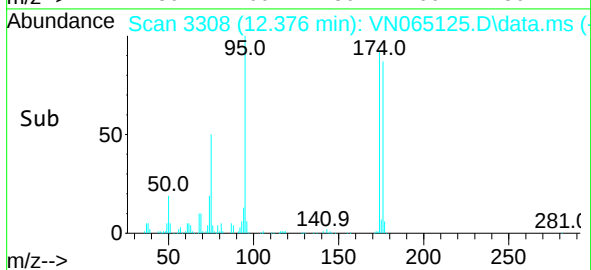
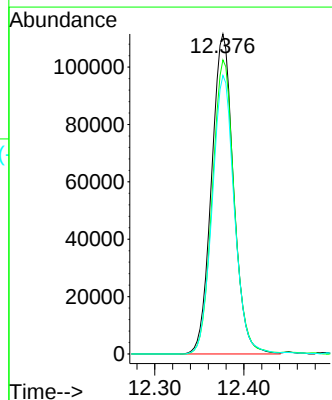
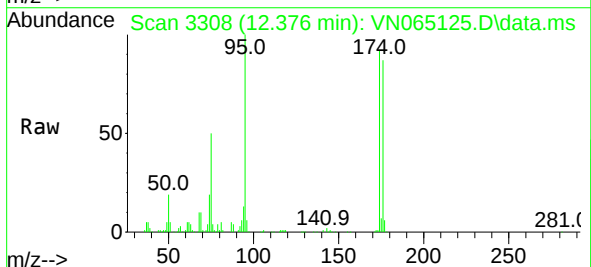
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-571-121120

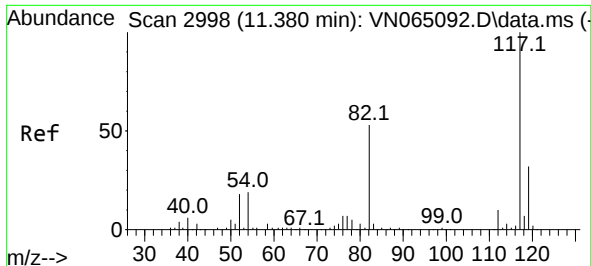
Tgt Ion: 98 Resp: 533878
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 95 Resp: 191186
Ion Ratio Lower Upper
95 100
174 92.0 0.0 160.4
176 87.5 0.0 158.4

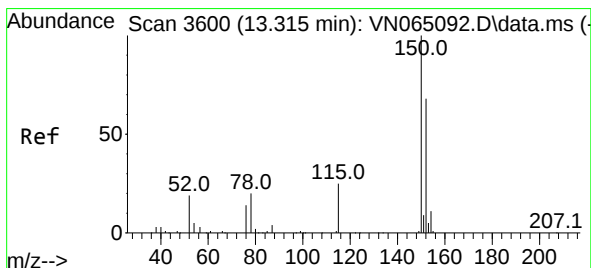
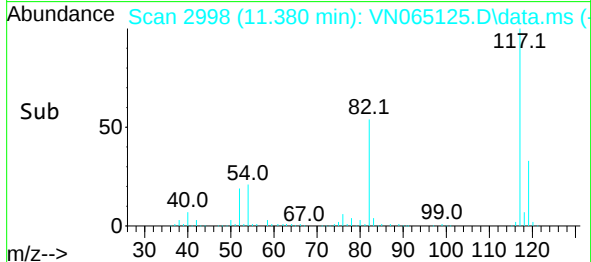
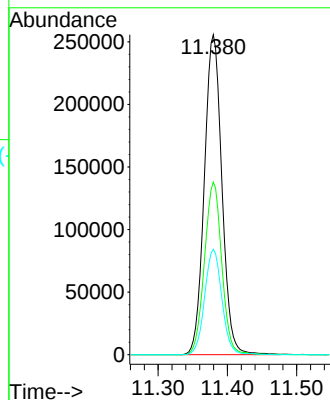
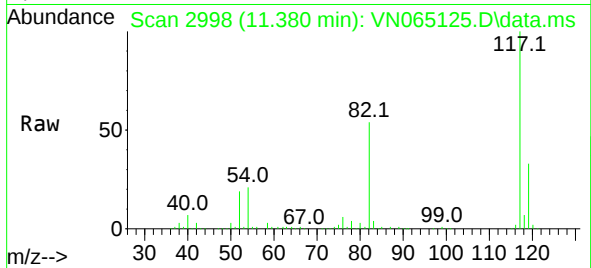




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

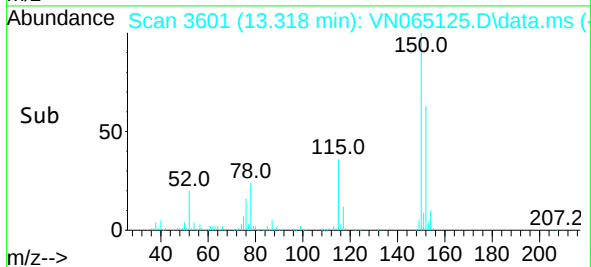
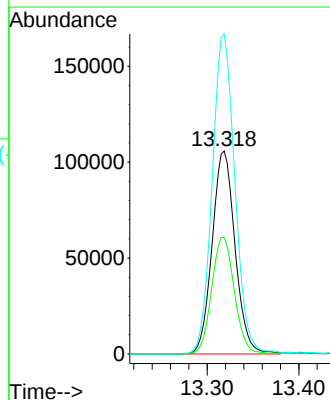
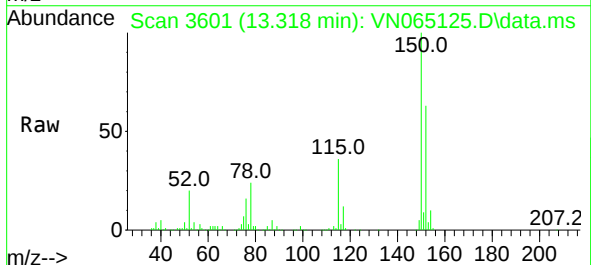
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-571-121120

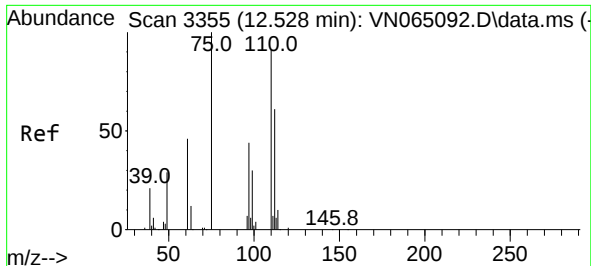
Tgt Ion:117 Resp: 450675
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion:152 Resp: 183883
Ion Ratio Lower Upper
152 100
115 56.8 29.7 89.1
150 156.1 0.0 350.6

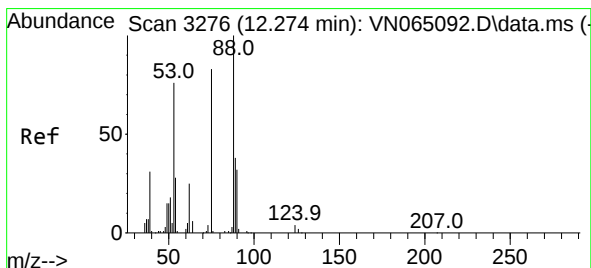
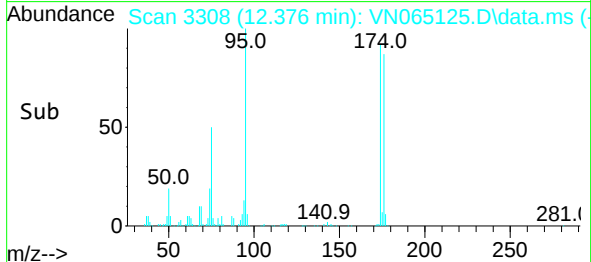
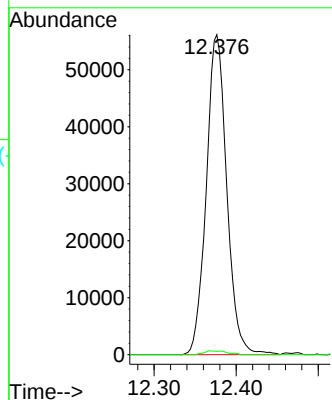
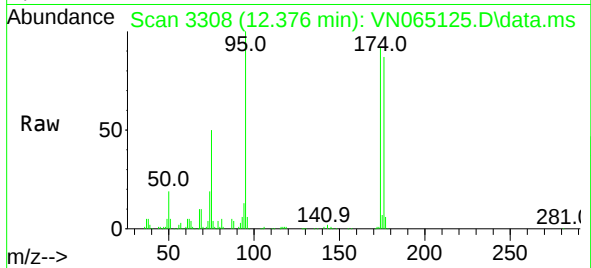




#76
1,2,3-Trichloropropane
Concen: 29.59 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-571-121120

Tgt Ion: 75 Resp: 97619
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065125.D
Acq: 15 Dec 2020 1:46

Tgt Ion: 75 Resp: 97619
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#

