

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065244.D
 Acq On : 23 Dec 2020 18:57
 Operator : JC/MD
 Sample : L5176-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27339

Quant Time: Dec 24 04:23:54 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)

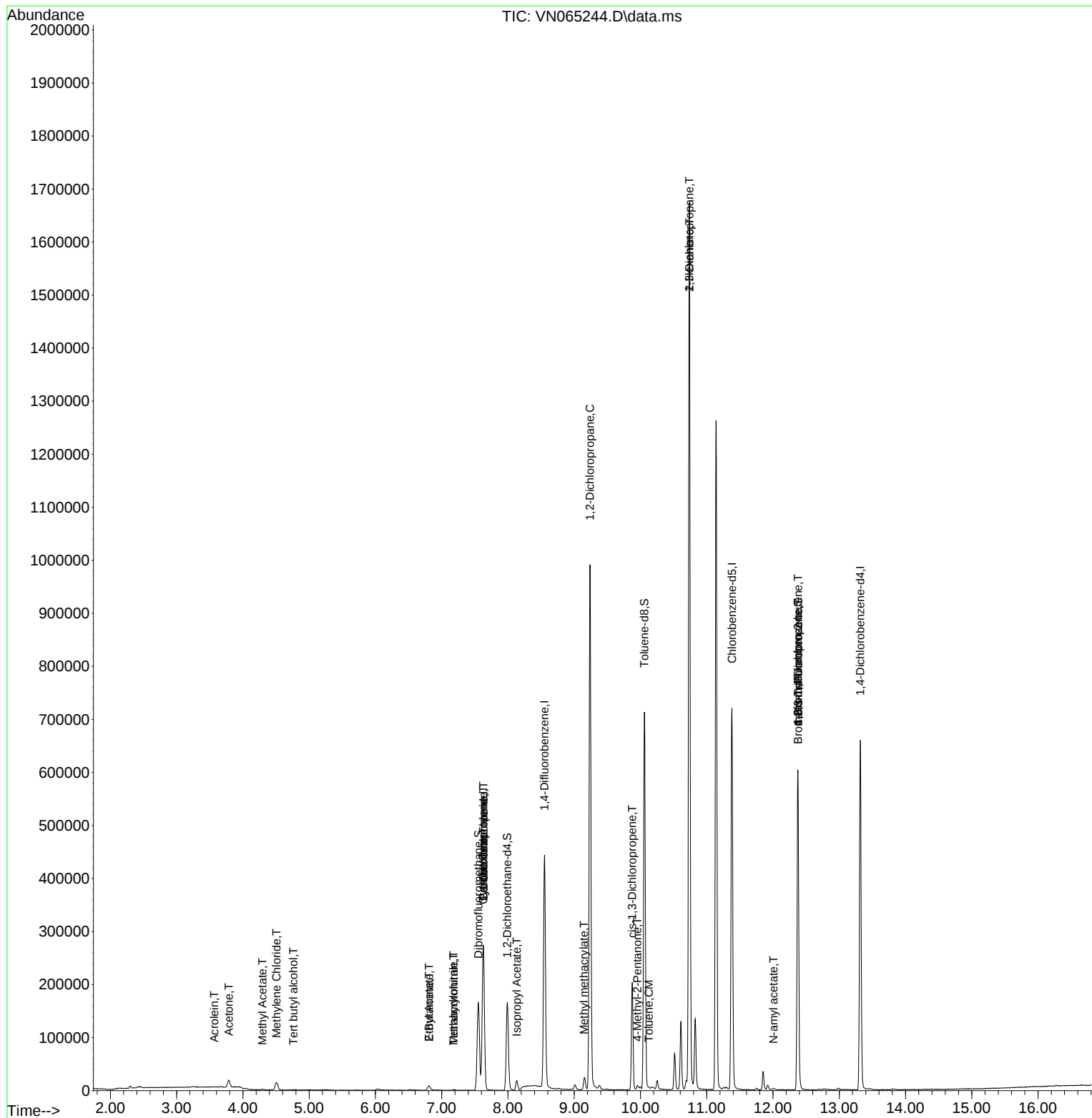
Internal Standards						
1) Pentafluorobenzene	7.627	168	243647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	409410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	432961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	191729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146925	53.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.84%			
35) Dibromofluoromethane	7.553	113	125956	50.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.98%			
50) Toluene-d8	10.058	98	506124	54.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.34%			
62) 4-Bromofluorobenzene	12.376	95	207287	55.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.88%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.763	59	590	1.31	ug/l #	73
13) Acrolein	3.566	56	58	2.60	ug/l #	1
16) Acetone	3.785	43	22172	8.83	ug/l	97
18) Methyl Acetate	4.293	43	1429	0.58	ug/l #	50
20) Methylene Chloride	4.505	84	10965	4.09	ug/l	95
25) 2-Butanone	6.808	43	9816	6.36	ug/l	95
29) Tetrahydrofuran	7.180	42	1153	1.15	ug/l #	36
31) Cyclohexane	7.624	56	4548	1.12	ug/l #	14
36) 1,1-Dichloropropene	7.627	75	16515	4.44	ug/l #	49
37) Ethyl Acetate	6.808	43	9816	2.66	ug/l #	66
38) Carbon Tetrachloride	7.627	117	21459	5.49	ug/l #	16
41) Methacrylonitrile	7.180	41	600	0.31	ug/l #	19
43) Isopropyl Acetate	8.132	43	22183	3.49	ug/l	95
45) 1,2-Dichloropropane	9.238	63	1195	0.42	ug/l #	43
48) Methyl methacrylate	9.148	41	6112	1.98	ug/l #	25
51) 4-Methyl-2-Pentanone	9.952	43	5257	1.47	ug/l	94
52) Toluene	10.126	92	1516	0.22	ug/l	93
54) cis-1,3-Dichloropropene	9.875	75	37799	7.66	ug/l #	61
57) 1,3-Dichloropropane	10.737	76	17898	3.93	ug/l #	42
59) 2-Hexanone	10.737	43	252816	96.18	ug/l #	48
71) Bromoform	12.380	173	1250	0.42	ug/l #	1
74) N-amyl acetate	12.007	43	1840	0.32	ug/l #	43
76) 1,2,3-Trichloropropane	12.376	75	104884	26.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	104884	67.61	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
Data File : VN065244.D
Acq On : 23 Dec 2020 18:57
Operator : JC/MD
Sample : L5176-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

Quant Time: Dec 24 04:23:54 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

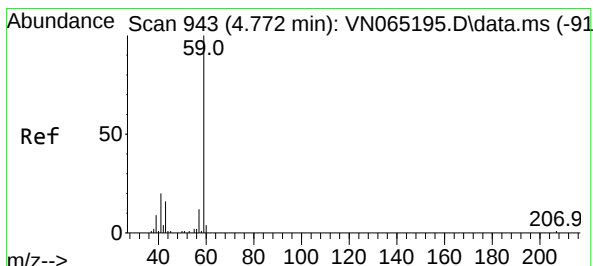
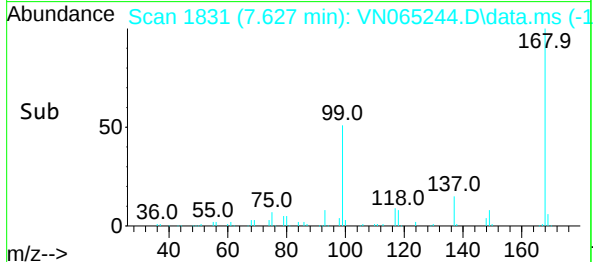
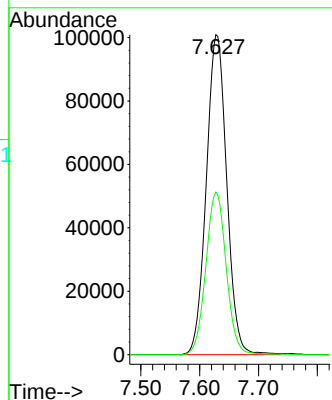
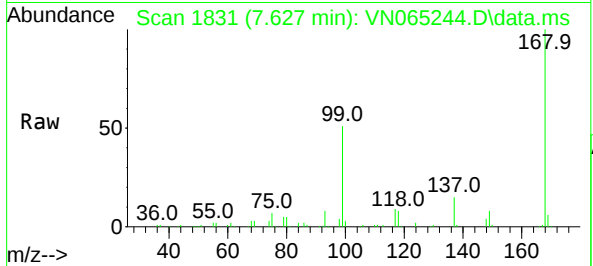




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

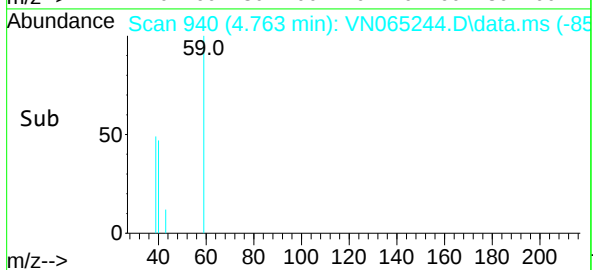
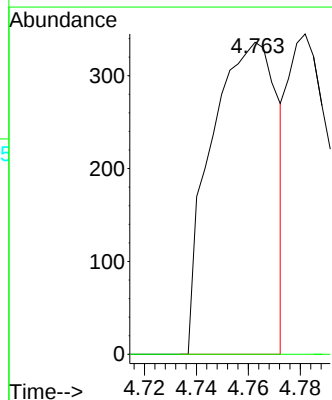
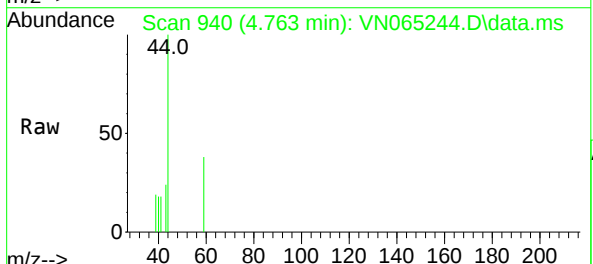
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

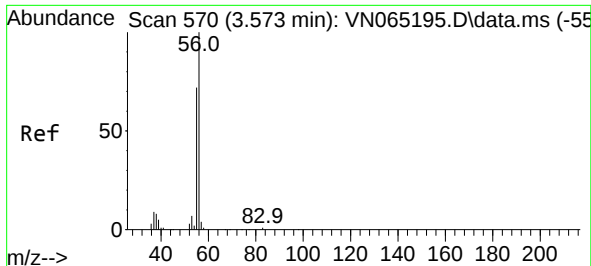
Tgt Ion:168 Resp: 243647
Ion Ratio Lower Upper
168 100
99 50.8 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.31 ug/l
RT: 4.763 min Scan# 940
Delta R.T. -0.009 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

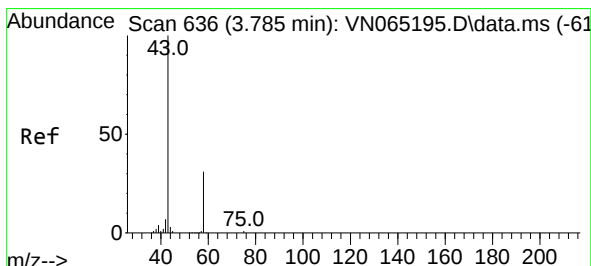
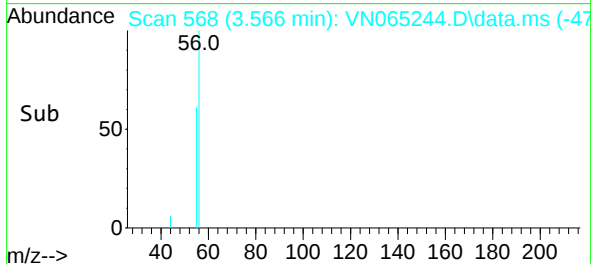
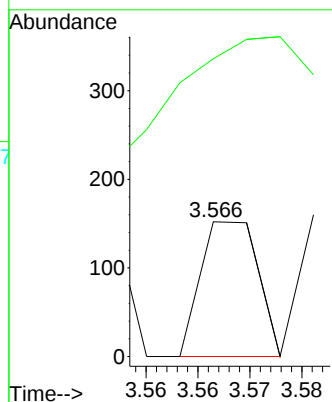
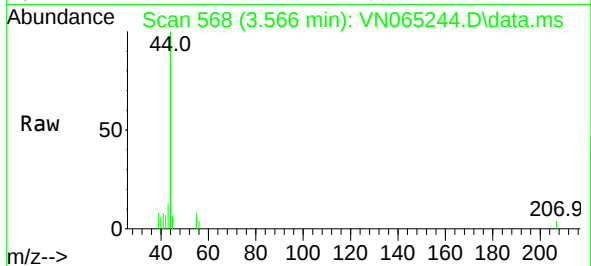




#13
Acrolein
Concen: 2.60 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.007 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

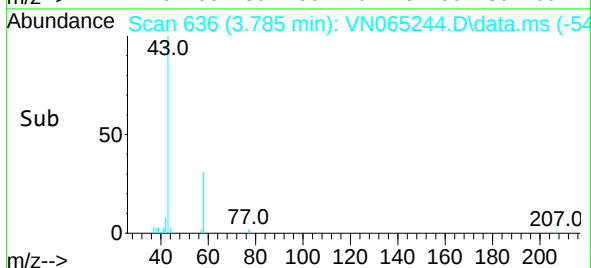
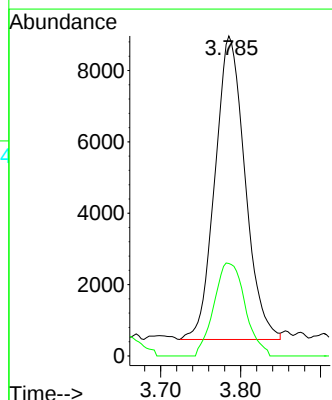
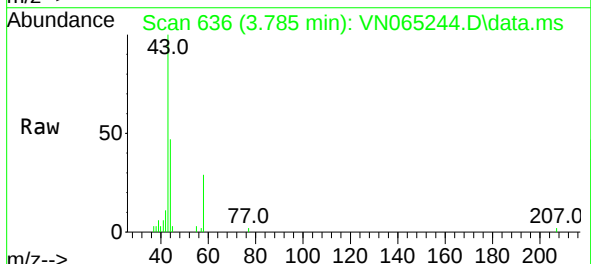
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

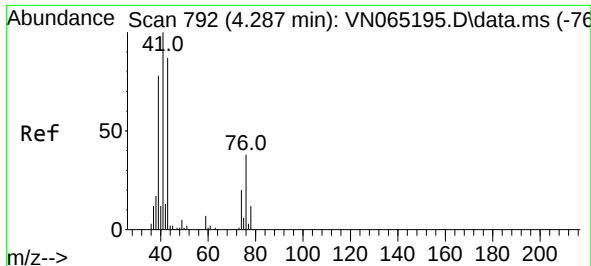
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 324.1 56.5 84.7#



#16
Acetone
Concen: 8.83 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

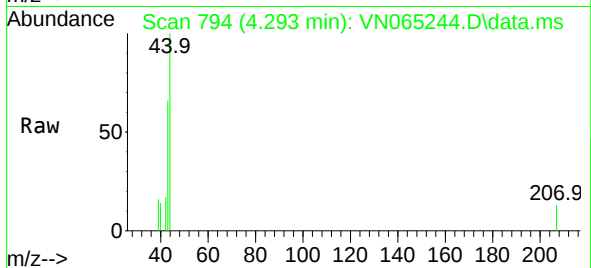
Tgt Ion: 43 Resp: 22172
Ion Ratio Lower Upper
43 100
58 30.5 25.7 38.5



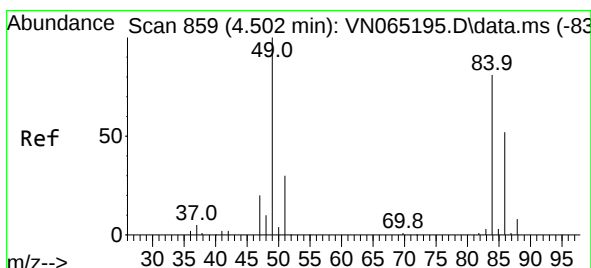
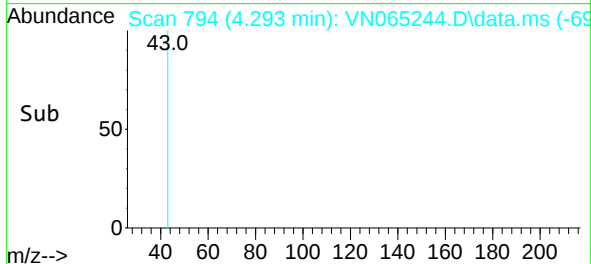
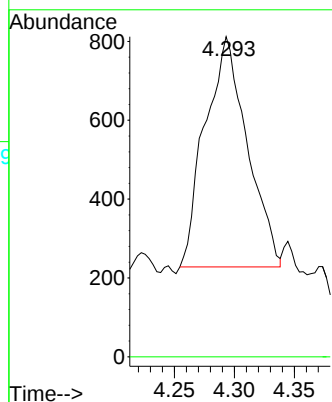


#18
Methyl Acetate
Concen: 0.58 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

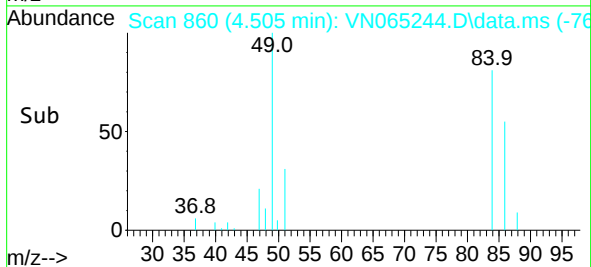
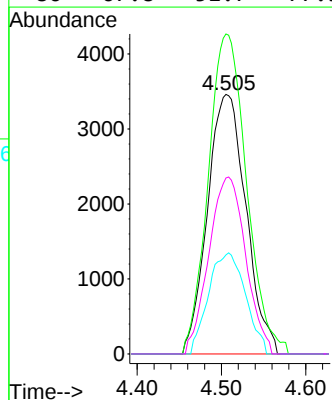
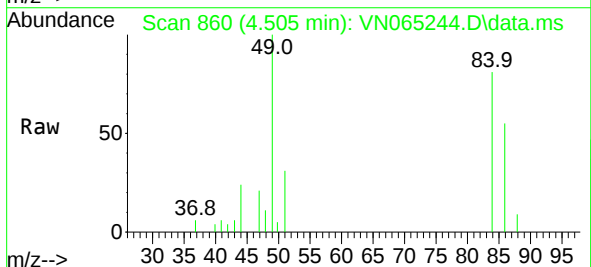


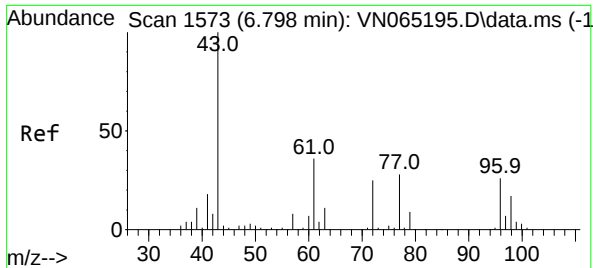
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 4.09 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 84 Resp: 10965
Ion Ratio Lower Upper
84 100
49 123.3 93.4 140.0
51 38.2 28.2 42.4
86 67.8 51.7 77.5

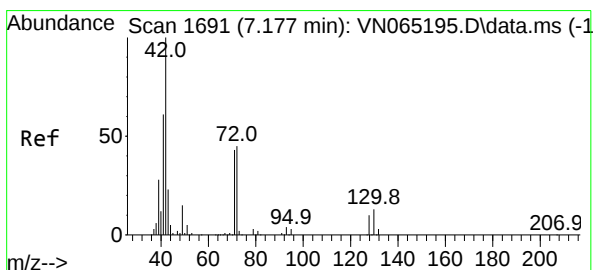
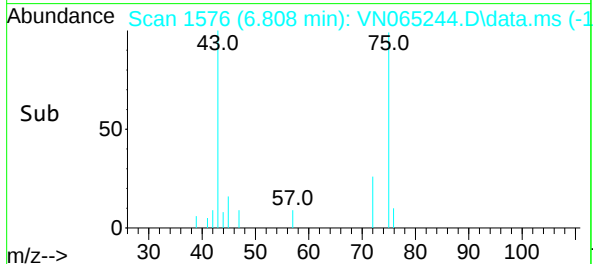
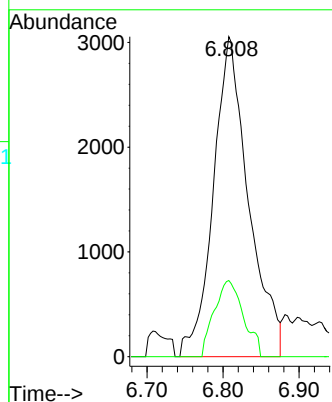
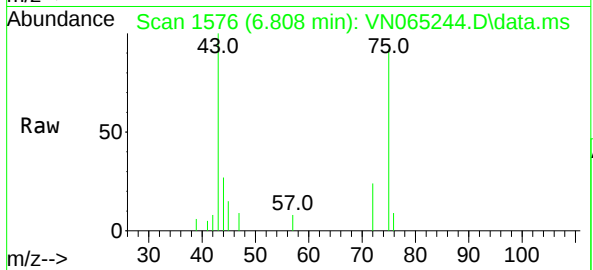




#25
2-Butanone
Concen: 6.36 ug/l
RT: 6.808 min Scan# 1576
Delta R.T. 0.010 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

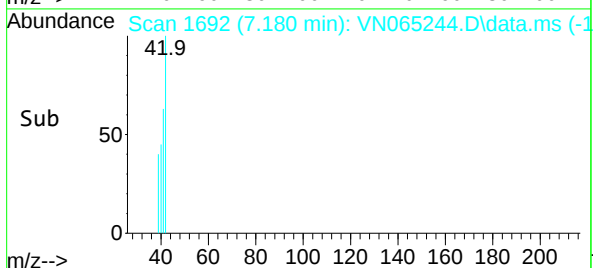
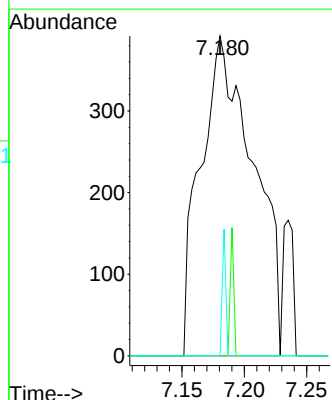
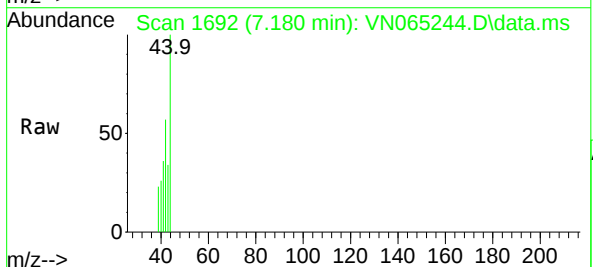
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

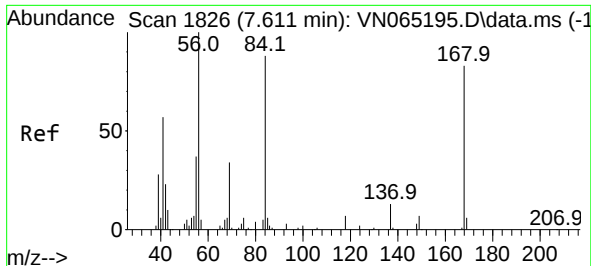
Tgt Ion: 43 Resp: 9816
Ion Ratio Lower Upper
43 100
72 23.8 21.0 31.6



#29
Tetrahydrofuran
Concen: 1.15 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 42 Resp: 1153
Ion Ratio Lower Upper
42 100
72 2.6 36.6 54.8#
71 2.6 33.6 50.4#

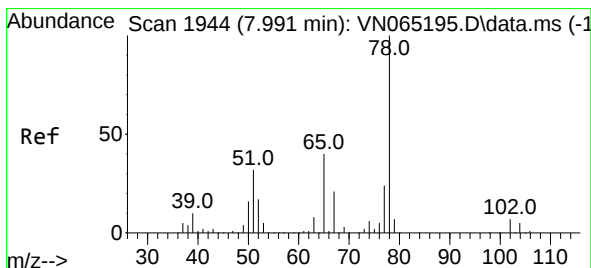
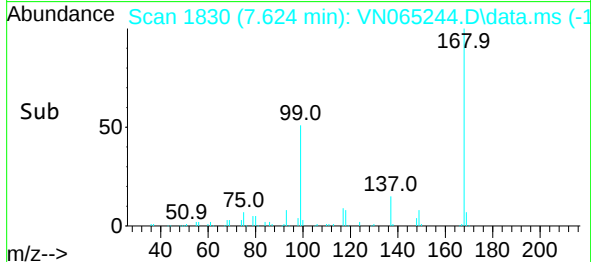
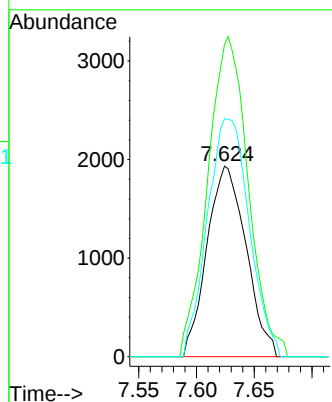
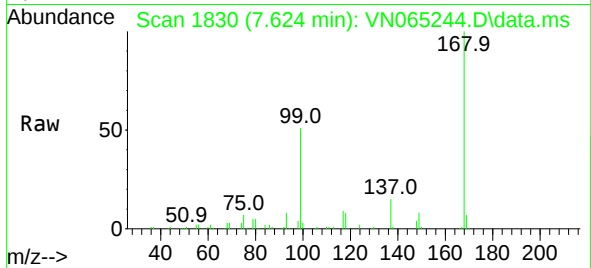




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

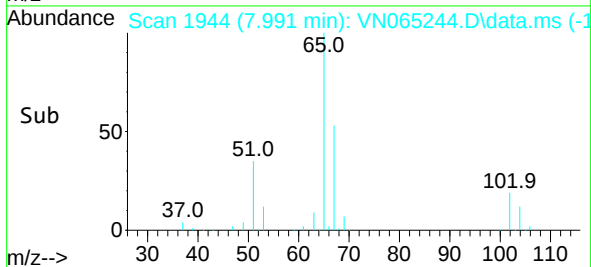
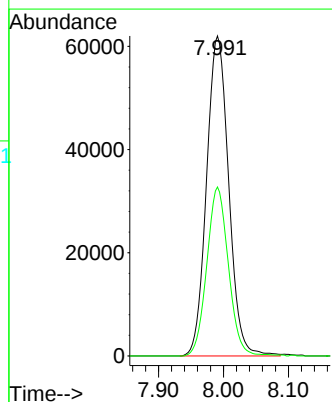
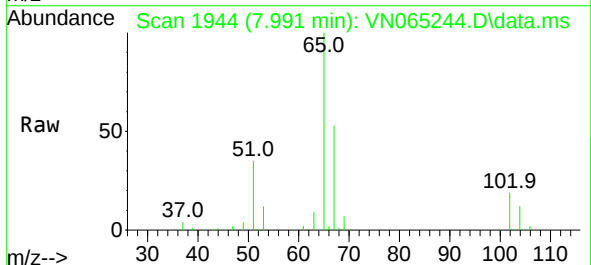
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

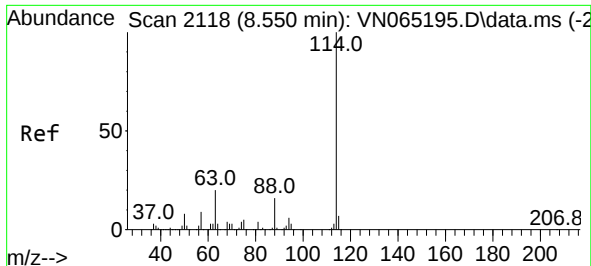
Tgt Ion:	56	Resp:	4548
Ion	Ratio	Lower	Upper
56	100		
69	163.8	27.5	41.3#
84	124.8	73.9	110.9#



#33
1,2-Dichloroethane-d4
Concen: 53.42 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion:	65	Resp:	146925
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	108.2

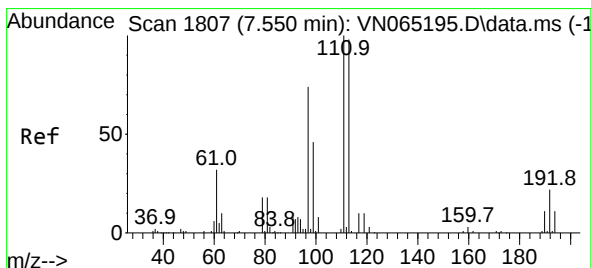
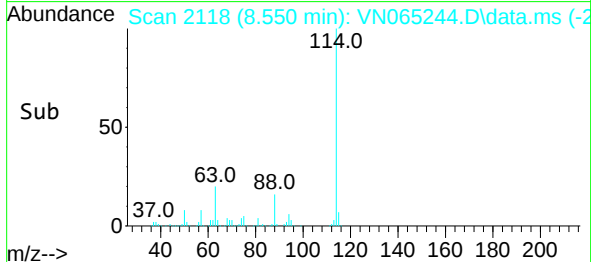
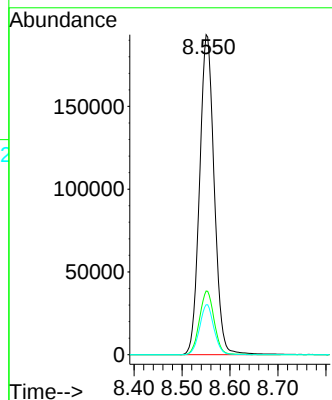
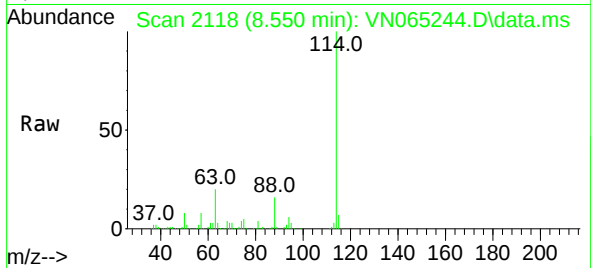




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

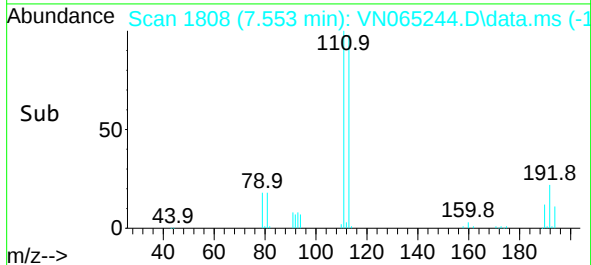
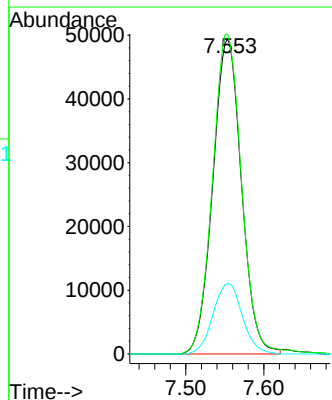
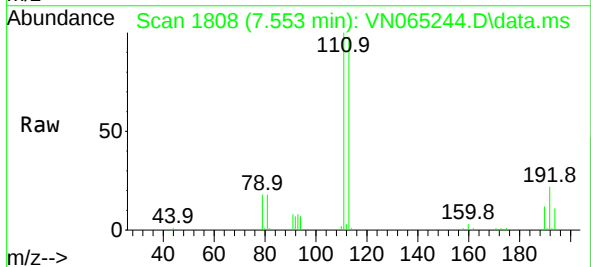
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

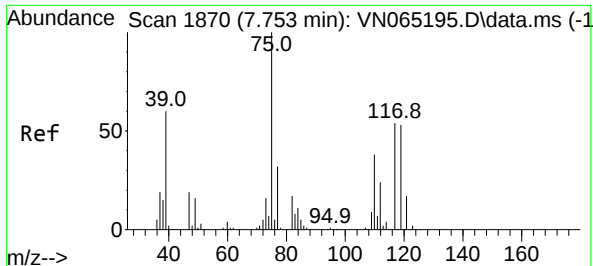
Tgt Ion:114 Resp: 409410
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.99 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

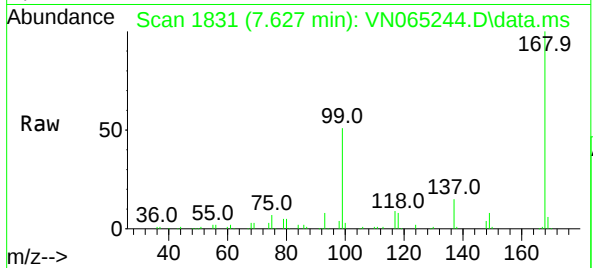
Tgt Ion:113 Resp: 125956
Ion Ratio Lower Upper
113 100
111 103.4 81.6 122.4
192 23.0 16.2 24.2



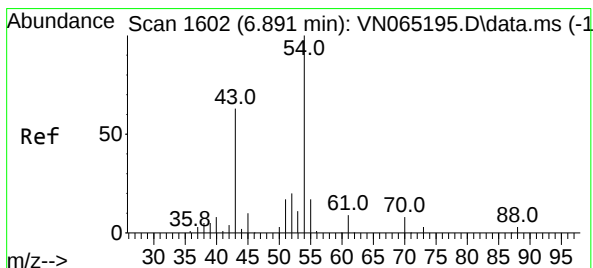
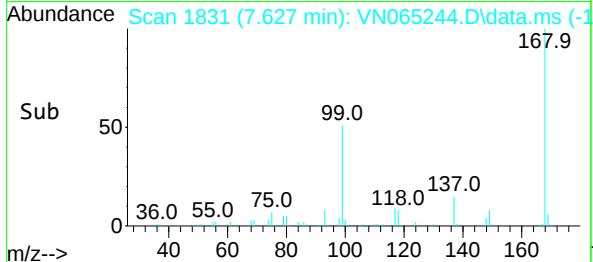
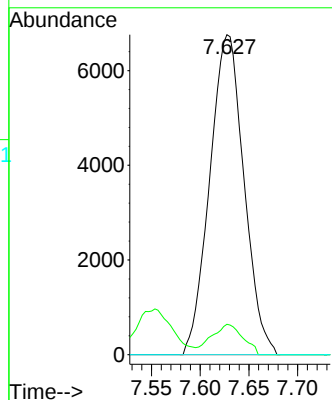


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

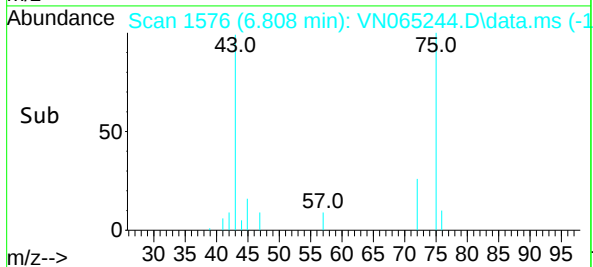
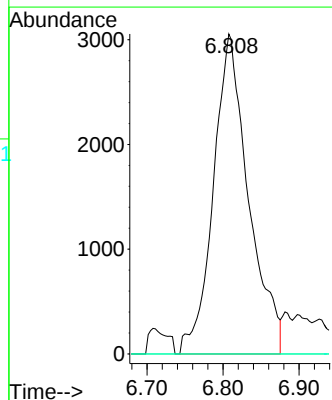
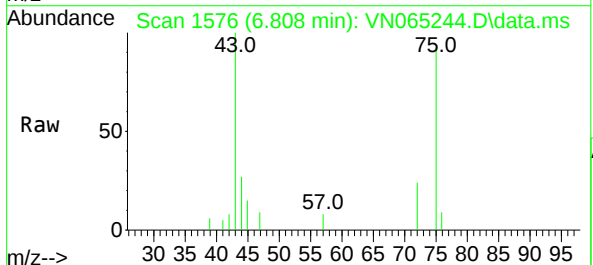


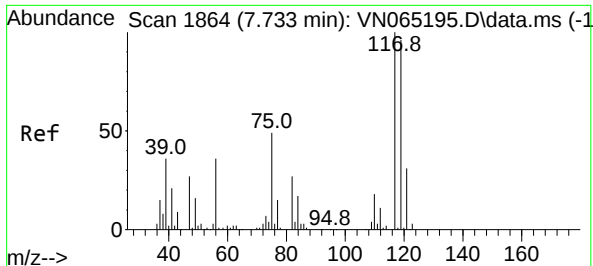
Tgt Ion: 75 Resp: 16515
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.66 ug/l
RT: 6.808 min Scan# 1576
Delta R.T. -0.083 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

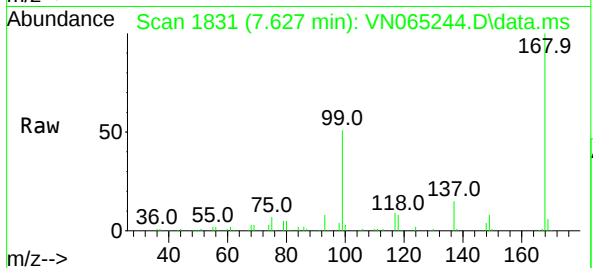
Tgt Ion: 43 Resp: 9816
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



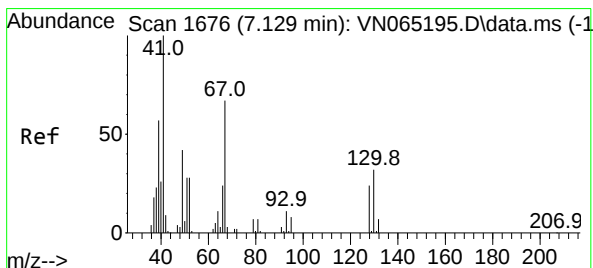
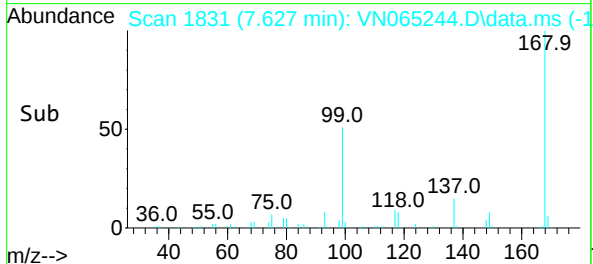
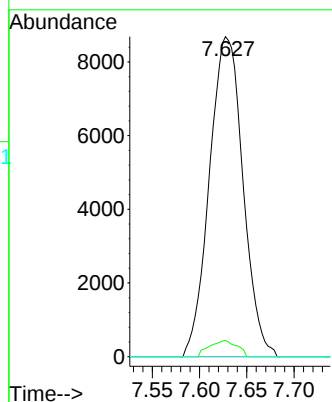


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

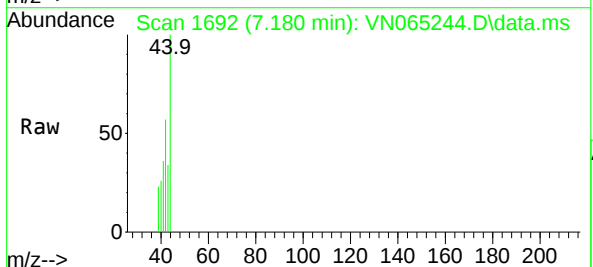
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339



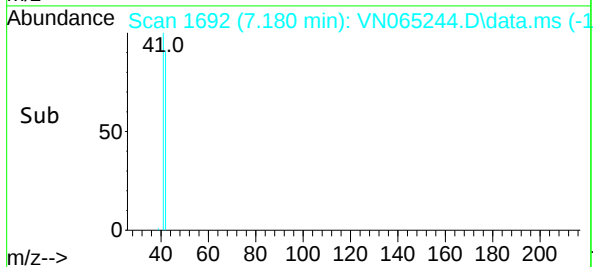
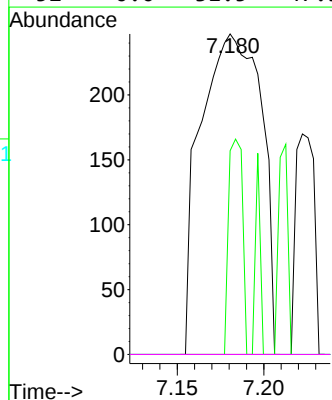
Tgt Ion:117 Resp: 21459
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

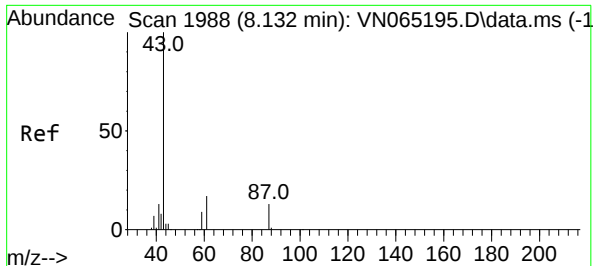


#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.051 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57



Tgt Ion: 41 Resp: 600
Ion Ratio Lower Upper
41 100
39 15.5 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#



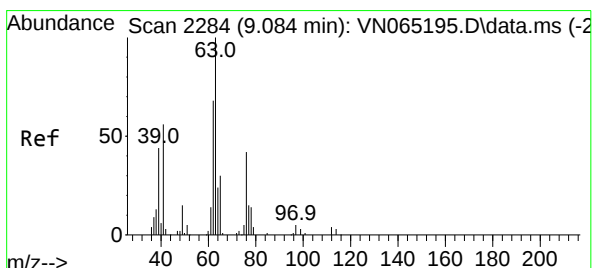
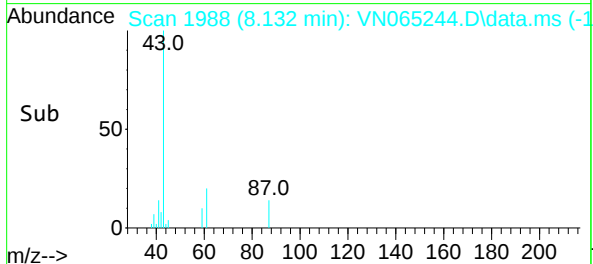
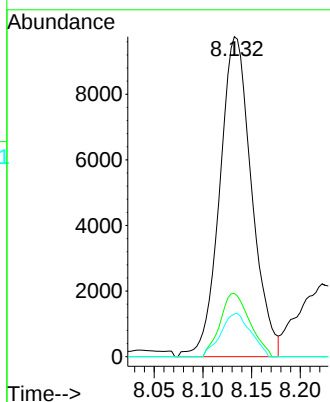
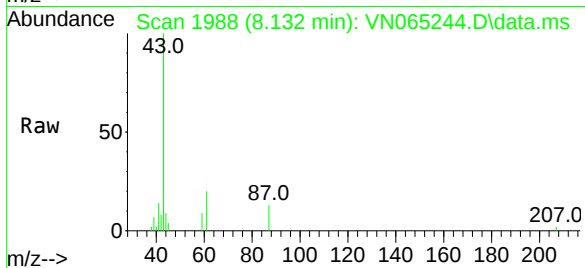


#43

Isopropyl Acetate
 Concen: 3.49 ug/l
 RT: 8.132 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: VN065244.D
 Acq: 23 Dec 2020 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27339

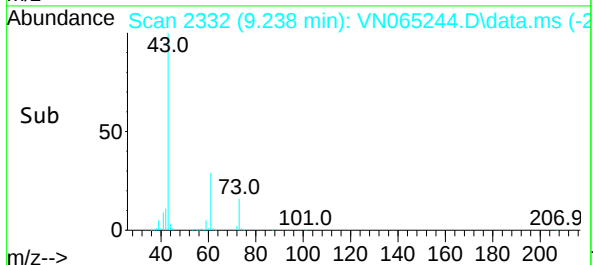
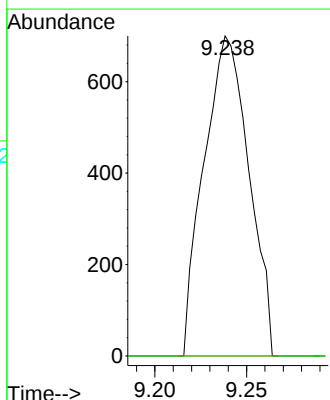
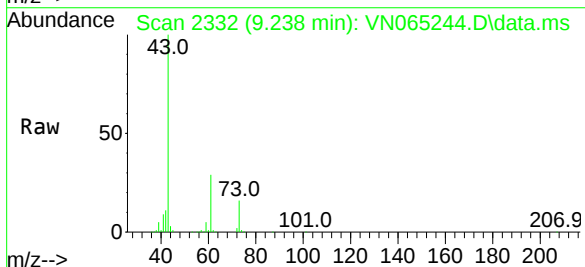
Tgt Ion:	43	Resp:	22183
Ion	Ratio	Lower	Upper
43	100		
61	18.4	17.2	25.8
87	12.7	11.4	17.0

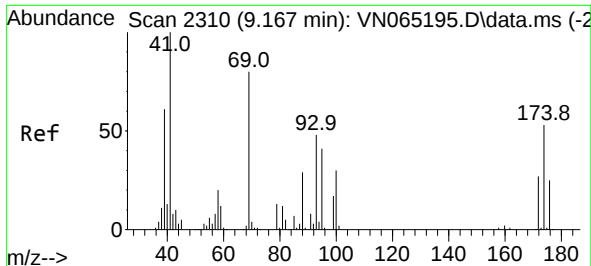


#45

1,2-Dichloropropane
 Concen: 0.42 ug/l
 RT: 9.238 min Scan# 2332
 Delta R.T. 0.154 min
 Lab File: VN065244.D
 Acq: 23 Dec 2020 18:57

Tgt Ion:	63	Resp:	1195
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

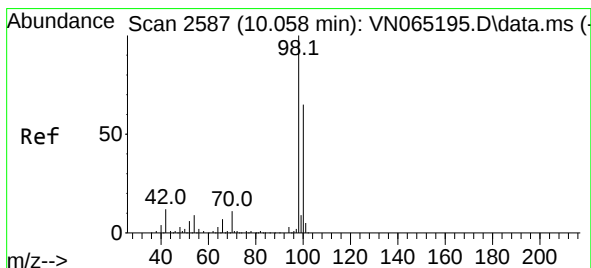
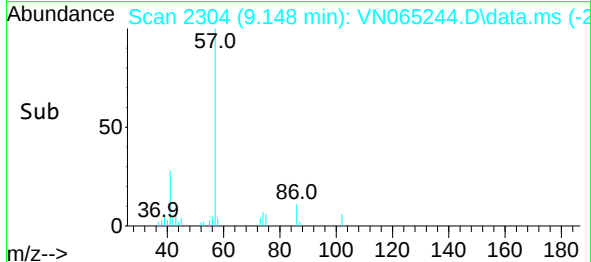
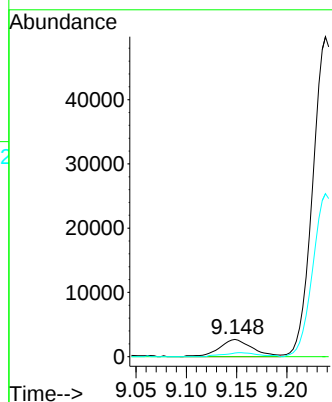
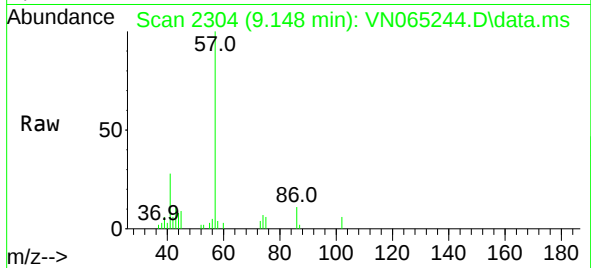




#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

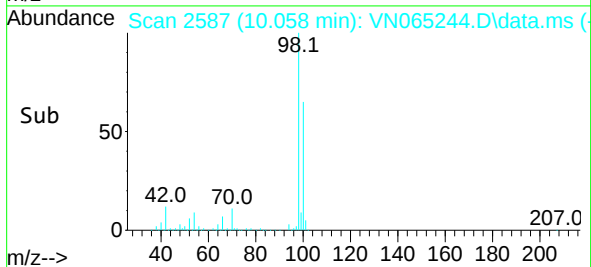
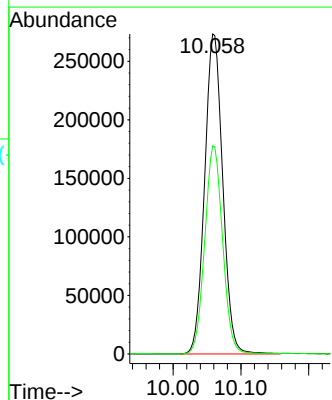
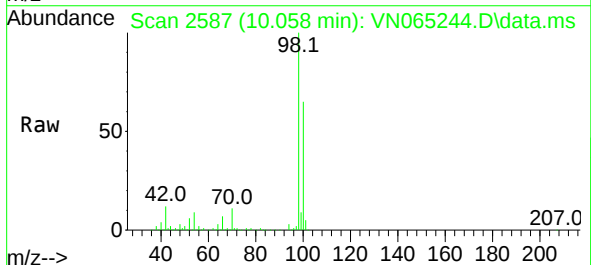
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

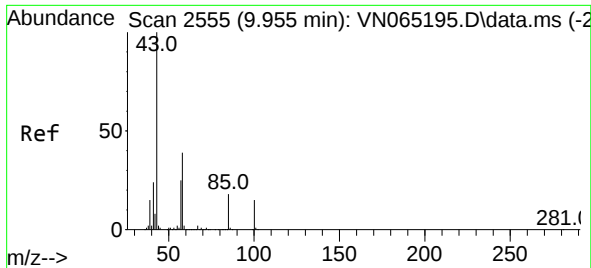
Tgt Ion: 41 Resp: 6112
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 24.6 44.1 66.1#



#50
Toluene-d8
Concen: 54.67 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 98 Resp: 506124
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

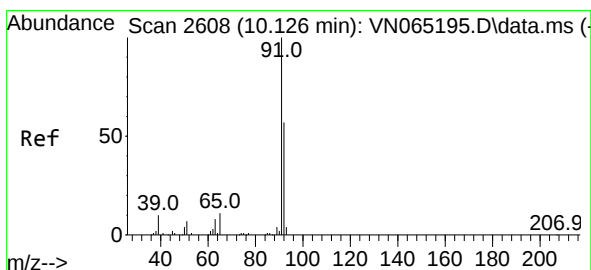
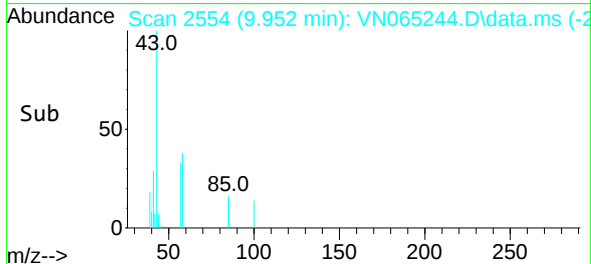
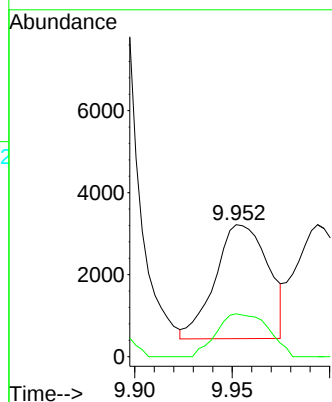
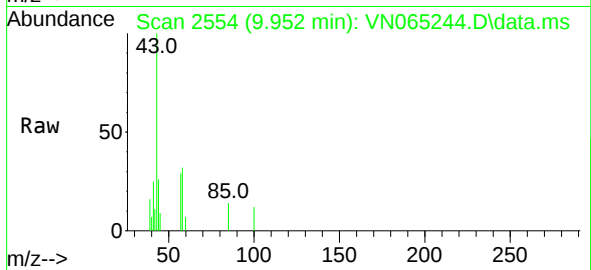




#51
4-Methyl-2-Pentanone
Concen: 1.47 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

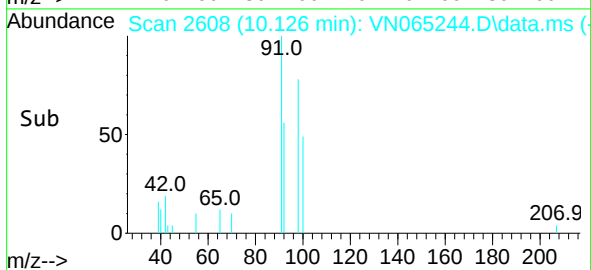
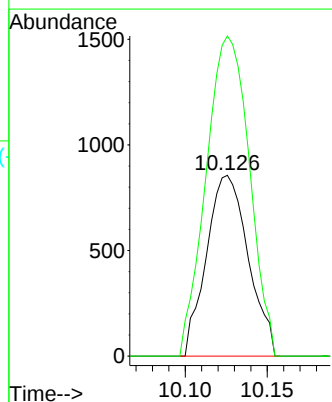
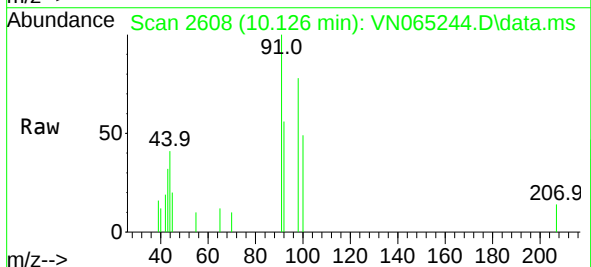
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

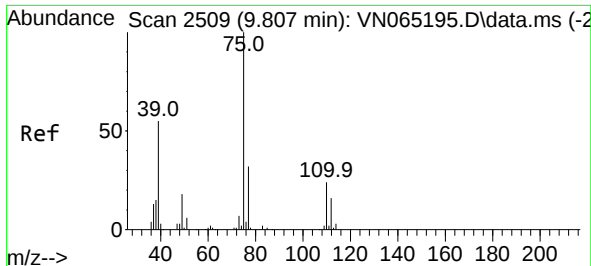
Tgt Ion: 43 Resp: 5257
Ion Ratio Lower Upper
43 100
58 36.9 32.4 48.6



#52
Toluene
Concen: 0.22 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 92 Resp: 1516
Ion Ratio Lower Upper
92 100
91 183.2 139.1 208.7

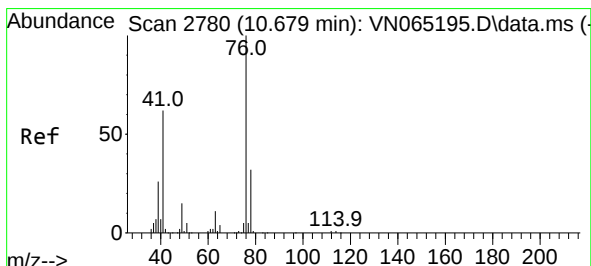
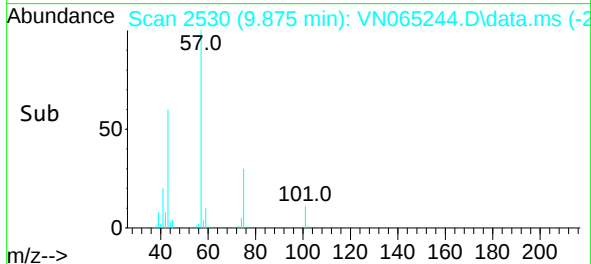
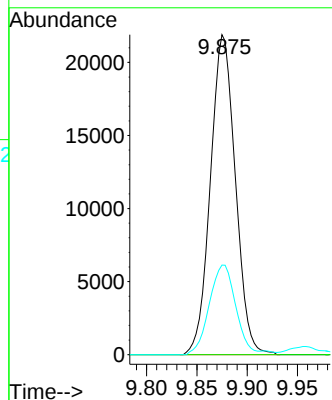
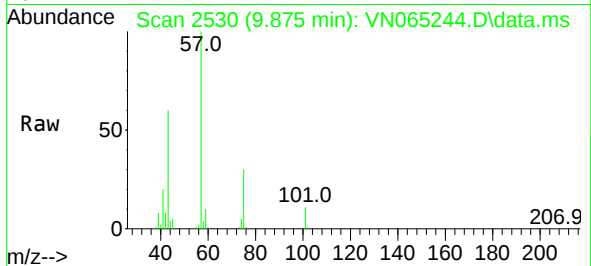




#54
 cis-1,3-Dichloropropene
 Concen: 7.66 ug/l
 RT: 9.875 min Scan# 2530
 Delta R.T. 0.068 min
 Lab File: VN065244.D
 Acq: 23 Dec 2020 18:57

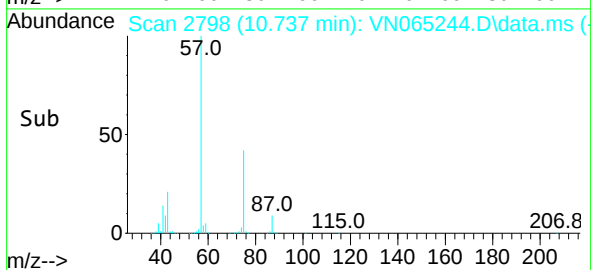
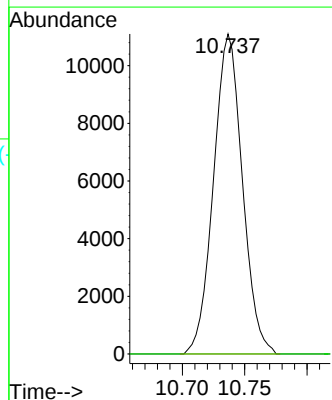
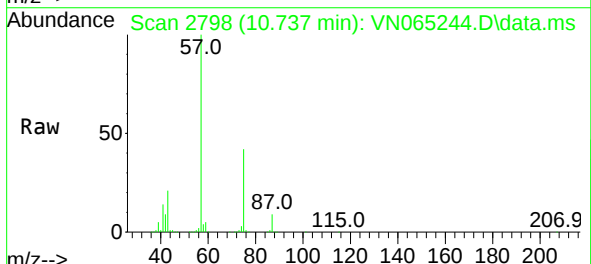
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27339

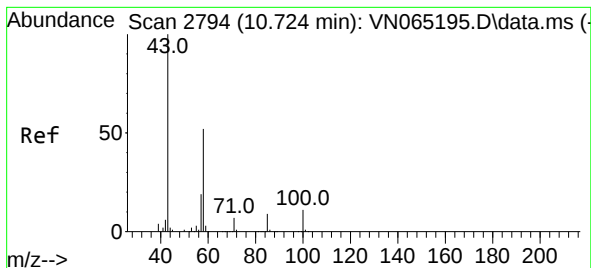
Tgt Ion:	75	Resp:	37799
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	28.0	35.6	53.4#



#57
 1,3-Dichloropropane
 Concen: 3.93 ug/l
 RT: 10.737 min Scan# 2798
 Delta R.T. 0.058 min
 Lab File: VN065244.D
 Acq: 23 Dec 2020 18:57

Tgt Ion:	76	Resp:	17898
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

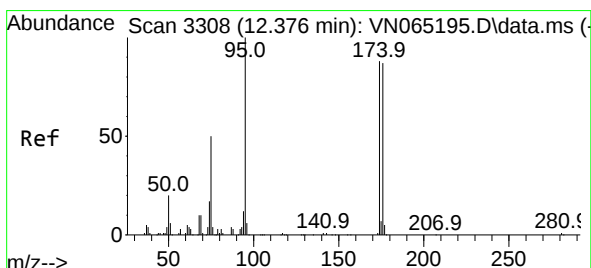
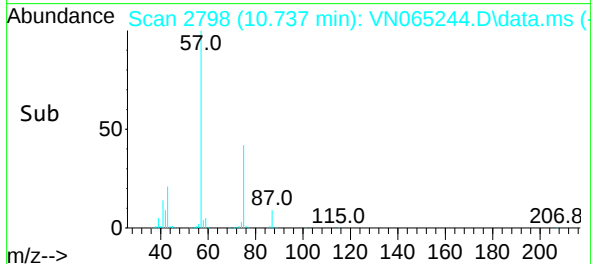
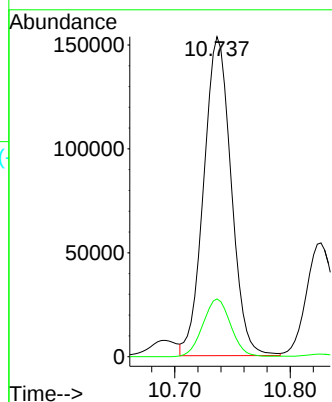
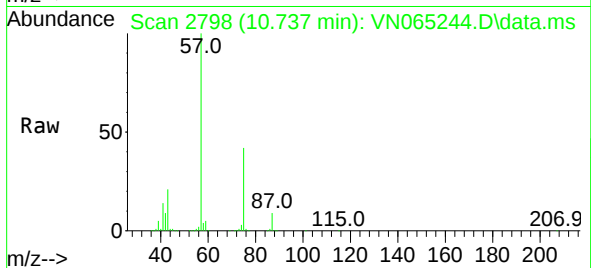




#59
2-Hexanone
Concen: 96.18 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

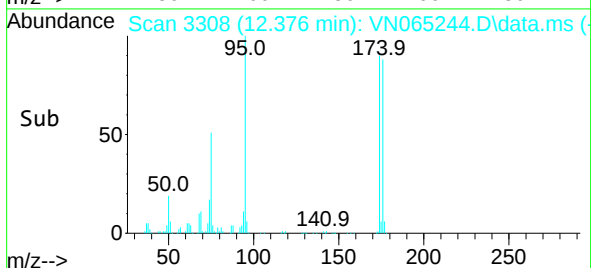
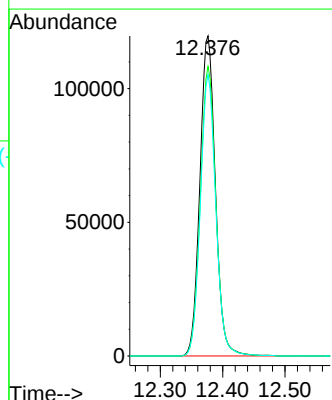
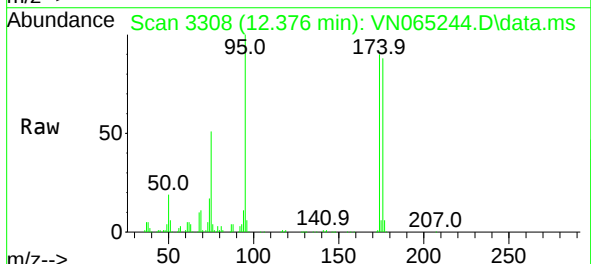
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

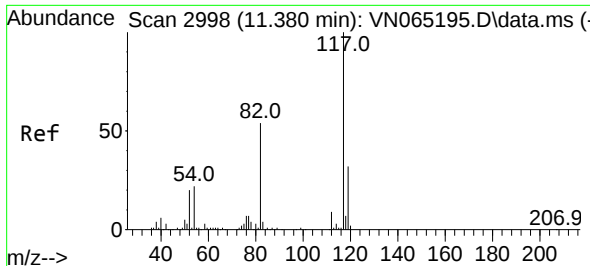
Tgt Ion: 43 Resp: 252816
Ion Ratio Lower Upper
43 100
58 18.5 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.94 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 95 Resp: 207287
Ion Ratio Lower Upper
95 100
174 90.4 0.0 160.4
176 87.1 0.0 158.4

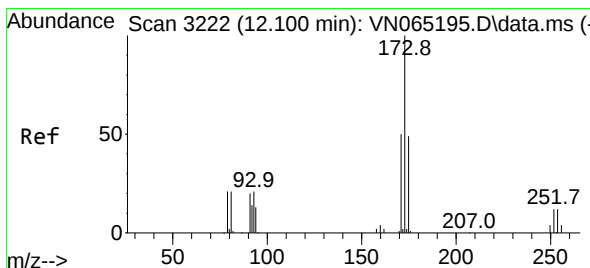
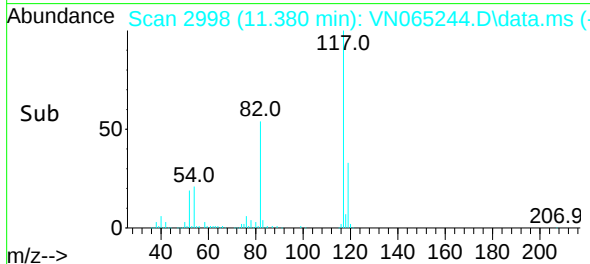
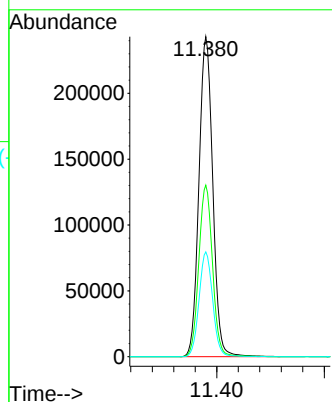
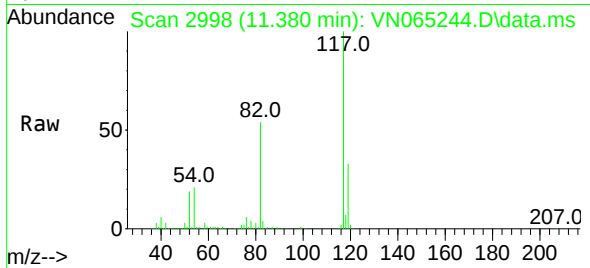




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

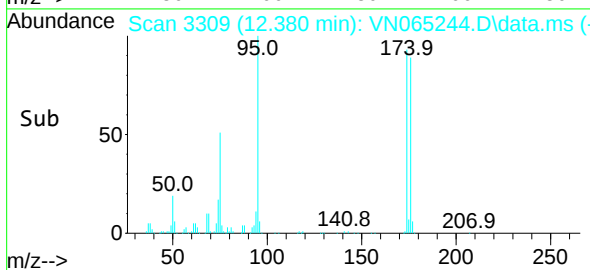
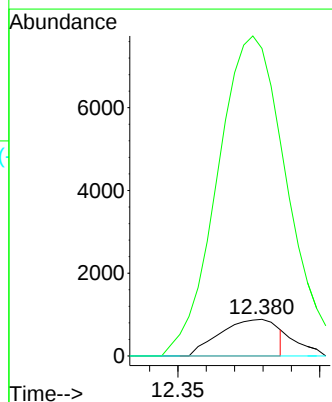
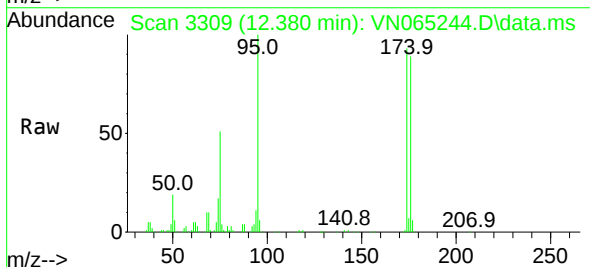
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

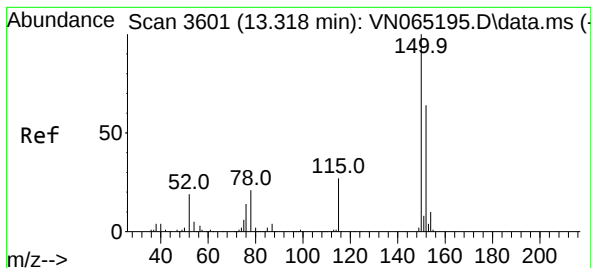
Tgt Ion:117 Resp: 432961
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.7 25.8 38.6



#71
Bromoform
Concen: 0.42 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion:173 Resp: 1250
Ion Ratio Lower Upper
173 100
175 884.8 24.3 72.8#
254 0.0 0.0 0.0

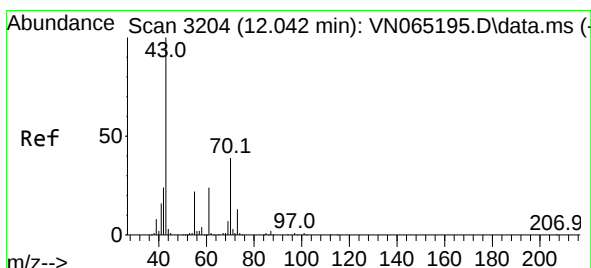
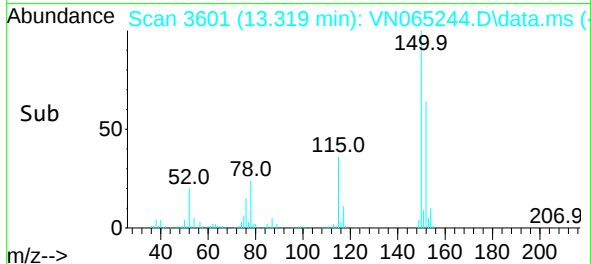
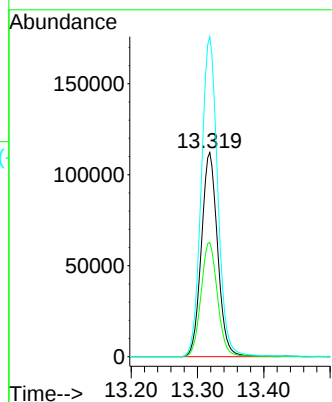
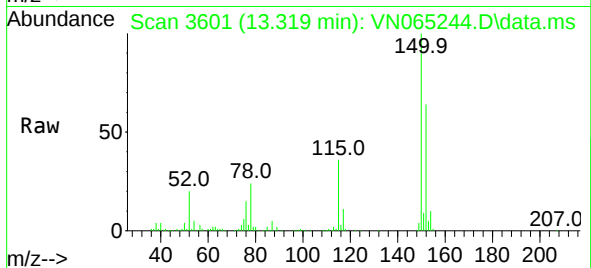




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.319 min Scan# 3601
Delta R.T. 0.001 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

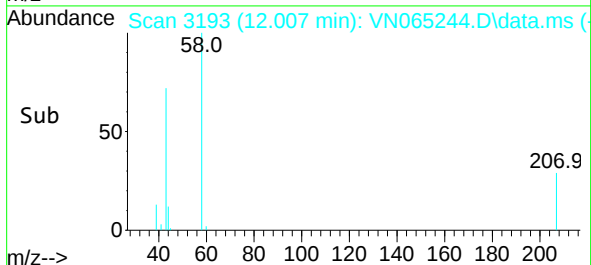
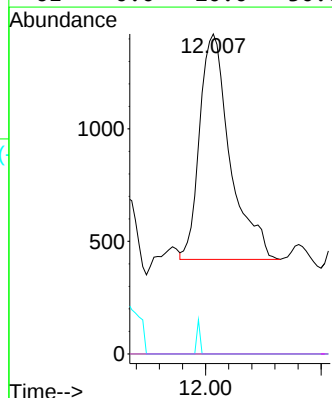
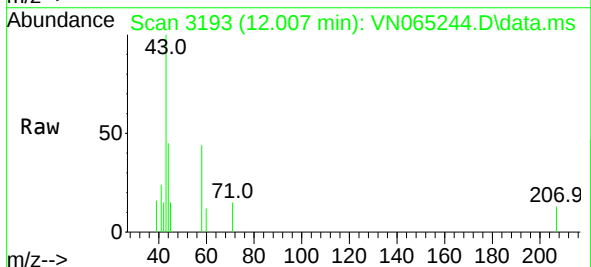
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

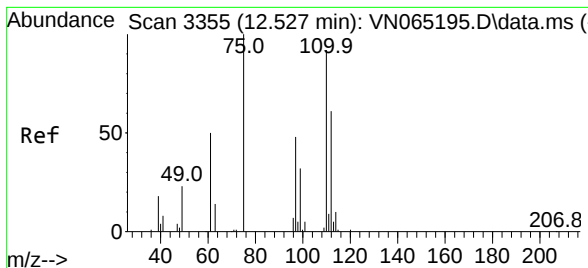
Tgt Ion:152 Resp: 191729
Ion Ratio Lower Upper
152 100
115 56.7 29.7 89.1
150 158.4 0.0 350.6



#74
N-ethyl acetate
Concen: 0.32 ug/l
RT: 12.007 min Scan# 3193
Delta R.T. -0.035 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 1.6 20.4 30.6#
61 0.0 20.0 30.0#

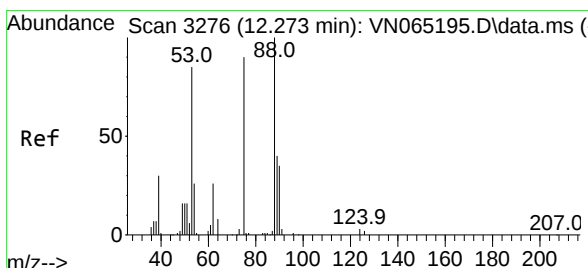
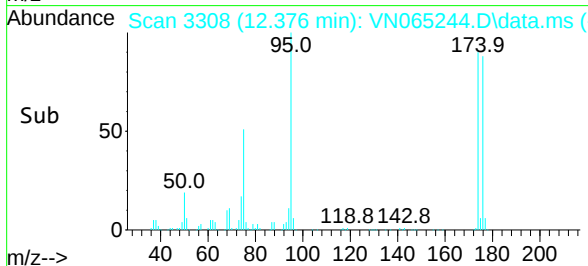
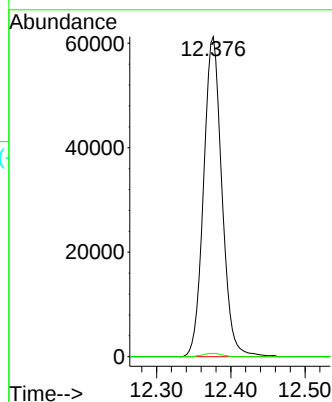
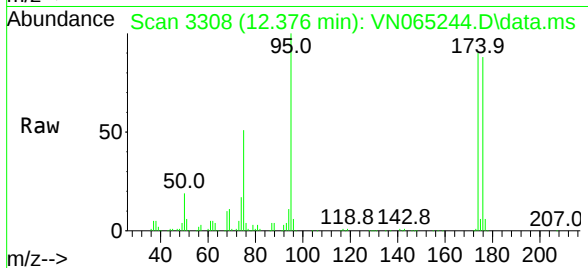




#76
1,2,3-Trichloropropane
Concen: 26.81 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27339

Tgt Ion: 75 Resp: 104884
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.61 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065244.D
Acq: 23 Dec 2020 18:57

Tgt Ion: 75 Resp: 104884
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

