

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065660.D
 Acq On : 28 Jan 2021 19:32
 Operator : JC/MD
 Sample : M1254-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-15

Quant Time: Jan 29 01:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

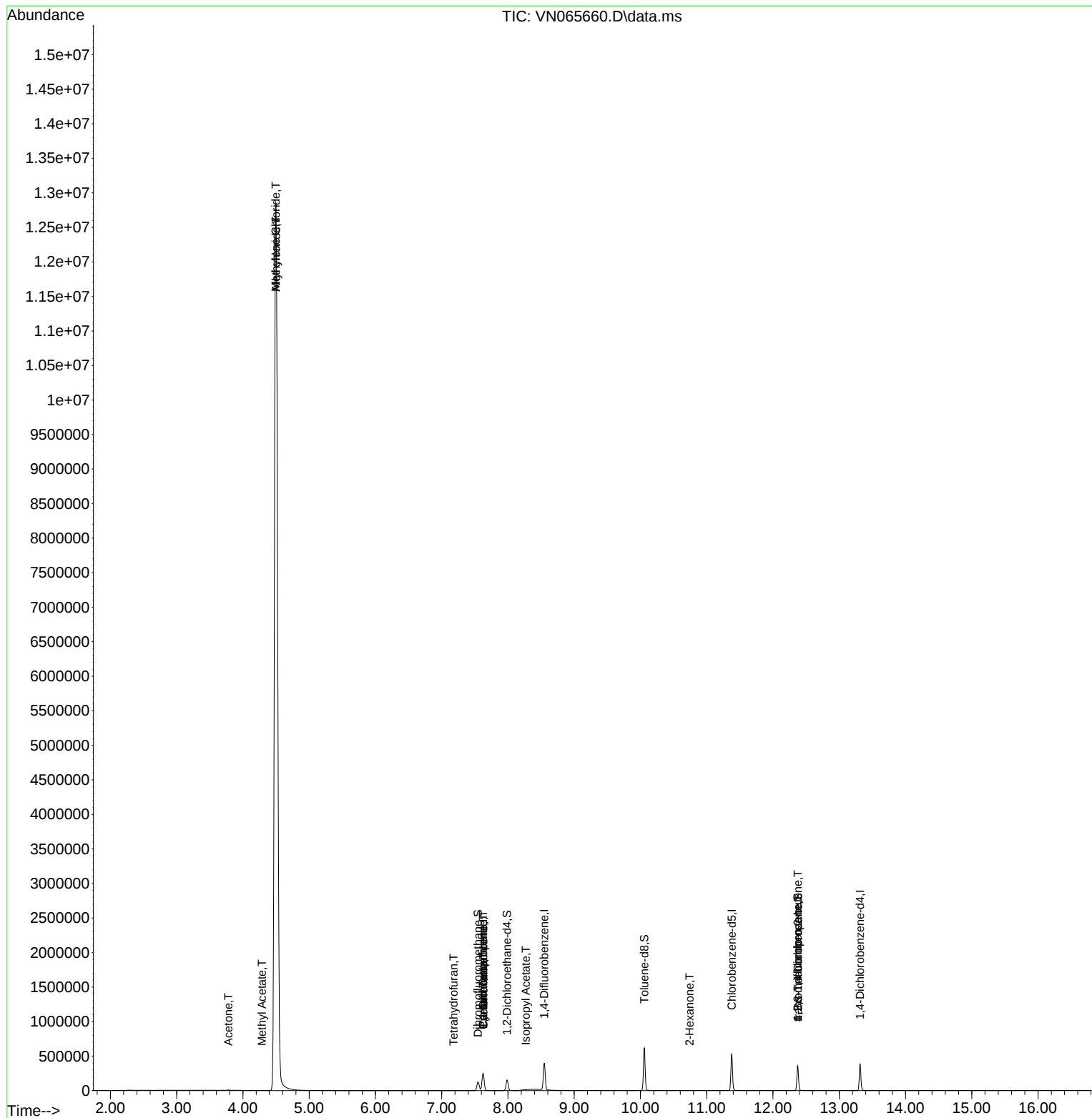
Internal Standards						
1) Pentafluorobenzene	7.624	168	207571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	355905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128926	47.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.42%		
35) Dibromofluoromethane	7.547	113	103692	49.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.34%		
50) Toluene-d8	10.058	98	444007	53.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.12%		
62) 4-Bromofluorobenzene	12.373	95	146121	48.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.90%		
Target Compounds						Qvalue
14) Allyl chloride	4.499	41	506716	108.17	ug/l #	25
16) Acetone	3.779	43	6309	5.93	ug/l	98
18) Methyl Acetate	4.287	43	3957	1.33	ug/l #	70
20) Methylene Chloride	4.496	84	10487299	3562.49	ug/l #	84
29) Tetrahydrofuran	7.180	42	420	0.35	ug/l #	32
31) Cyclohexane	7.627	56	4018	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16279	4.55	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19707	6.68	ug/l #	16
43) Isopropyl Acetate	8.270	43	25176	4.13	ug/l #	53
59) 2-Hexanone	10.740	43	729	0.31	ug/l #	23
76) 1,2,3-Trichloropropane	12.373	75	68138	23.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68138	59.26	ug/l #	12

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

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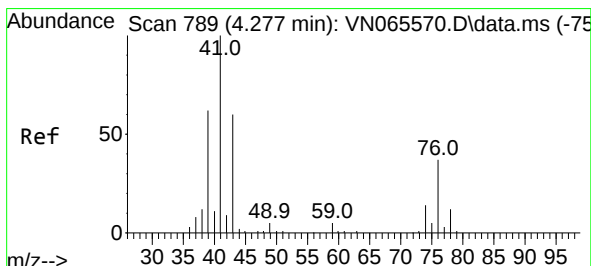
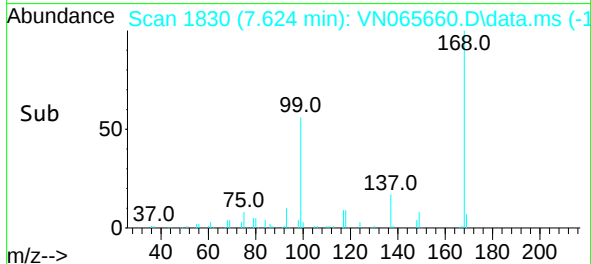
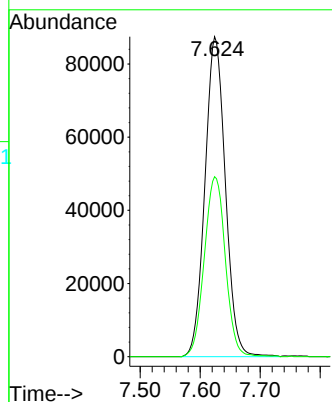
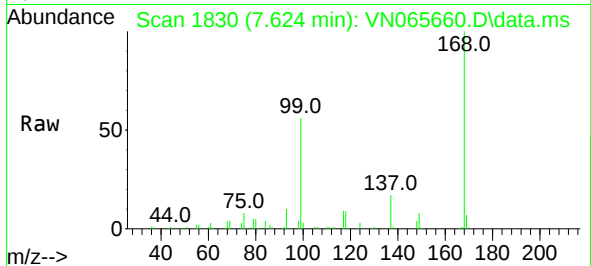




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

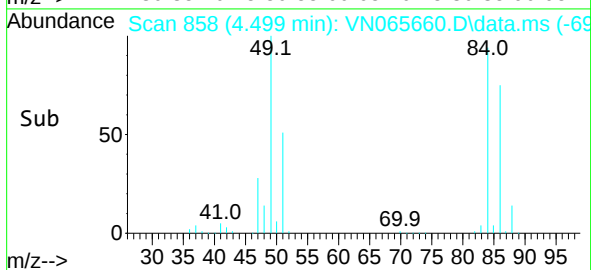
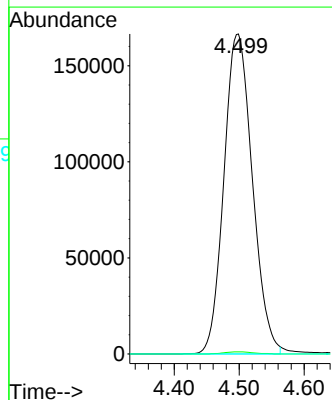
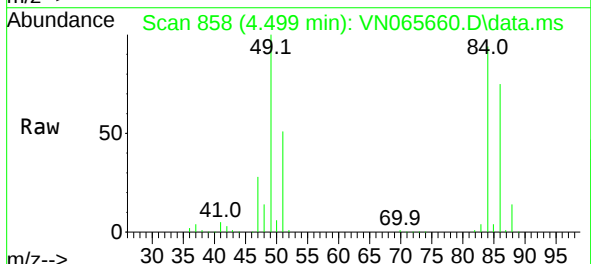
Instrument :
MSVOA_N
ClientSampled :
CRT-15

Tgt Ion:168 Resp: 207571
Ion Ratio Lower Upper
168 100
99 56.2 42.6 63.8



#14
Allyl chloride
Concen: 108.17 ug/l
RT: 4.499 min Scan# 858
Delta R.T. 0.222 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 41 Resp: 506716
Ion Ratio Lower Upper
41 100
39 0.7 53.0 79.4#
76 0.0 28.9 43.3#

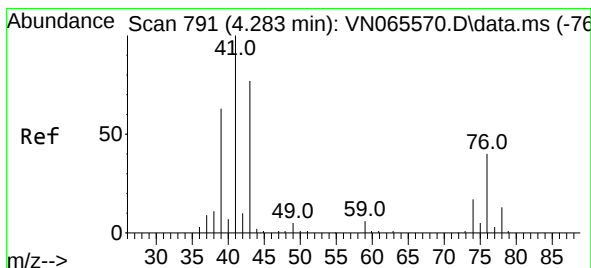
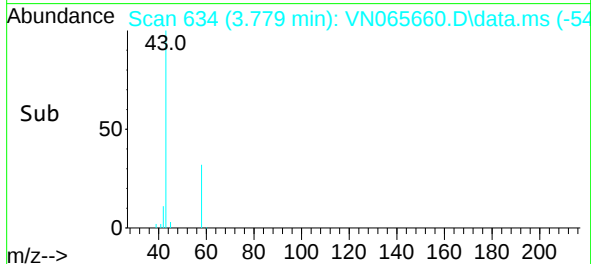
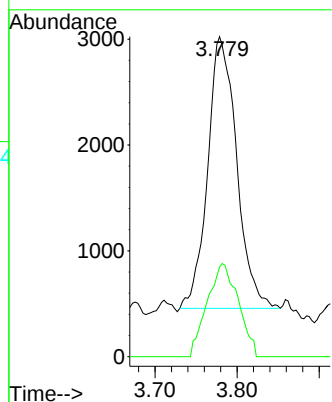
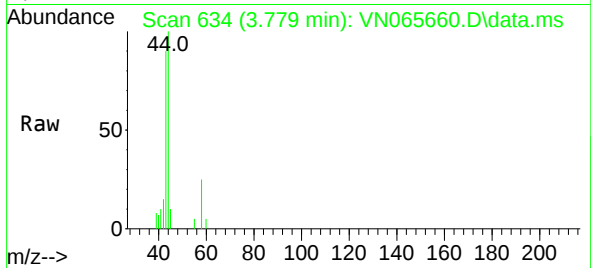




#16
Acetone
Concen: 5.93 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

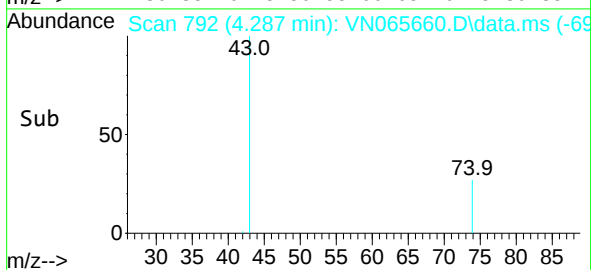
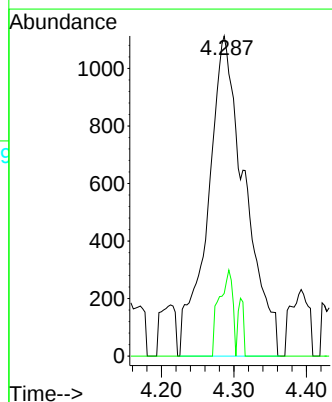
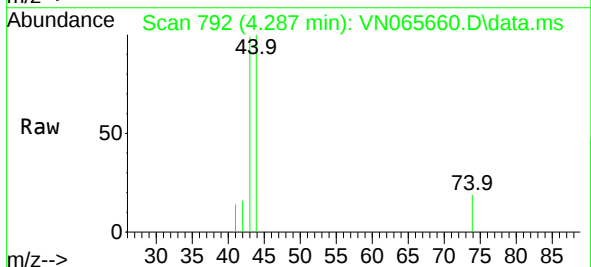
Instrument :
MSVOA_N
ClientSampled :
CRT-15

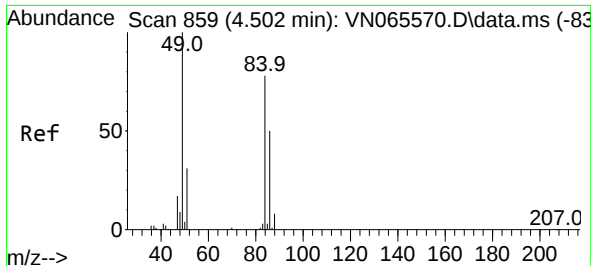
Tgt Ion: 43 Resp: 6309
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

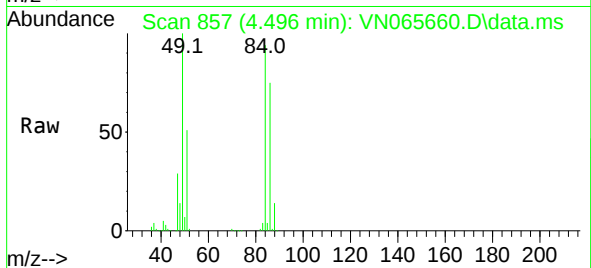
Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
74 9.7 19.5 29.3#





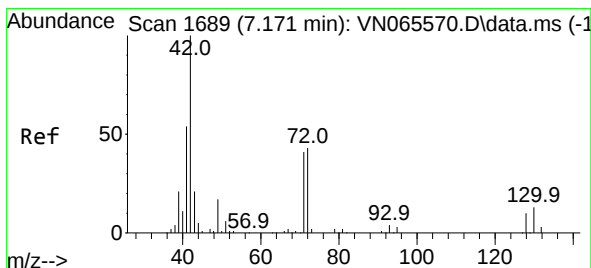
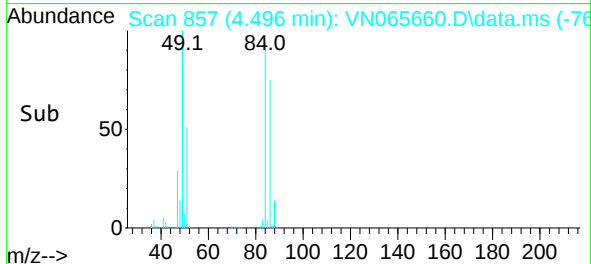
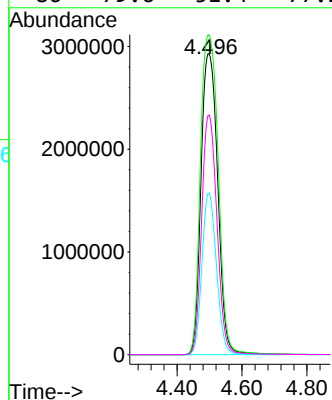
#20
Methylene Chloride
Concen: 3562.49 ug/l
RT: 4.496 min Scan# 857
Delta R.T. -0.006 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
CRT-15



Tgt Ion: 84 Resp:10487299

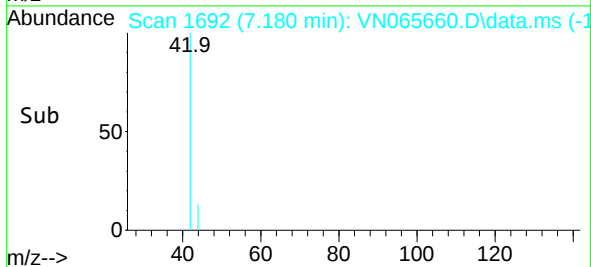
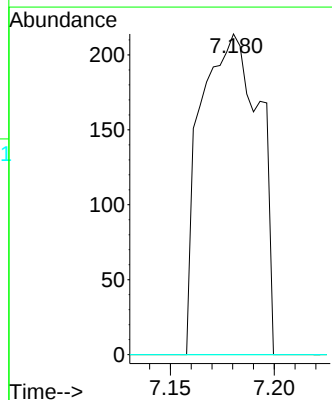
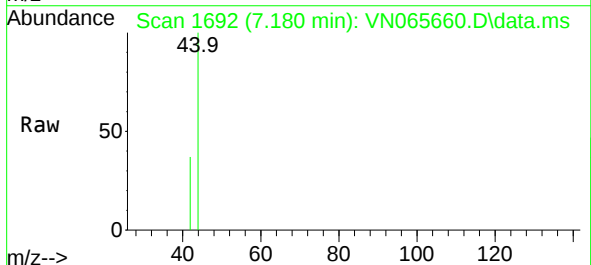
Ion	Ratio	Lower	Upper
84	100		
49	106.3	94.6	141.8
51	53.7	29.9	44.9#
86	79.6	51.4	77.2#

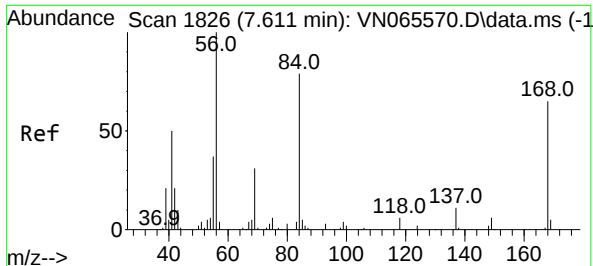


#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.009 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 42 Resp: 420

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

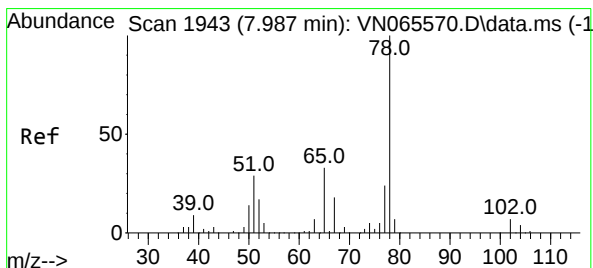
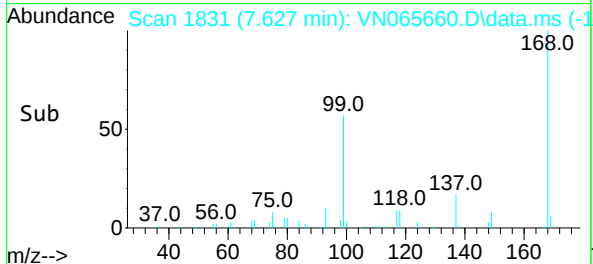
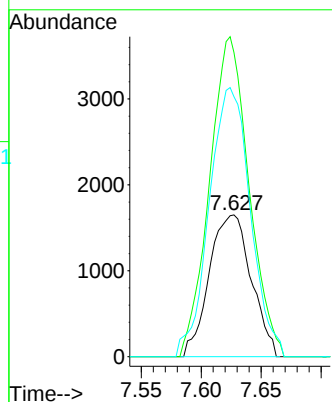
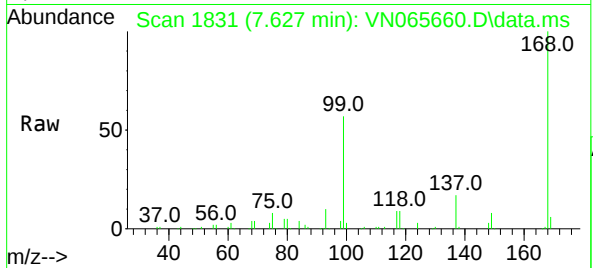




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

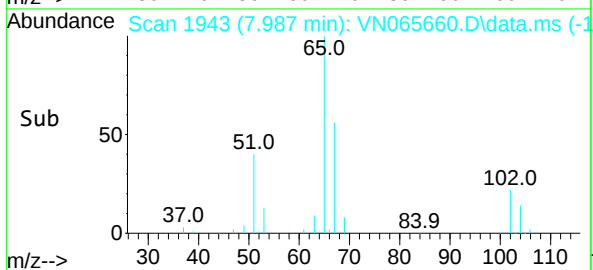
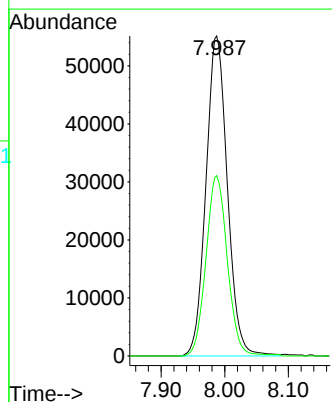
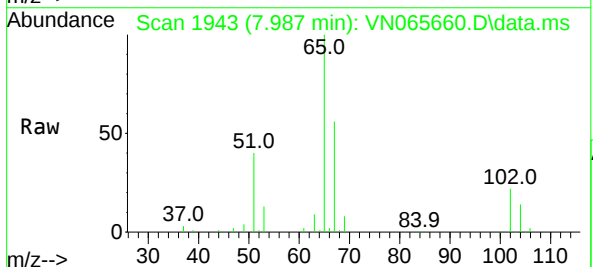
Instrument :
MSVOA_N
ClientSampled :
CRT-15

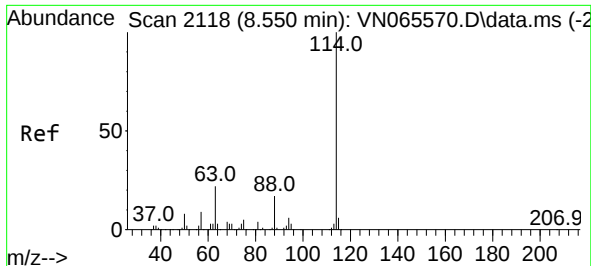
Tgt Ion: 56 Resp: 4018
Ion Ratio Lower Upper
56 100
69 214.6 26.6 39.8#
84 172.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.21 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

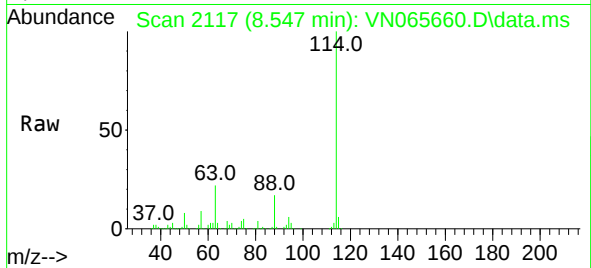
Tgt Ion: 65 Resp: 128926
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2



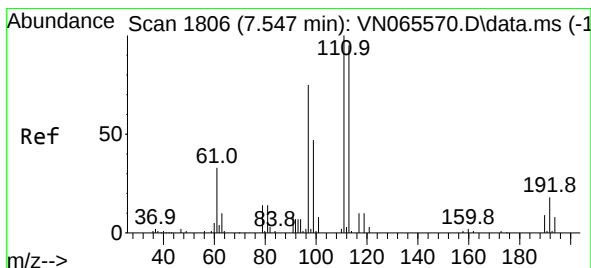
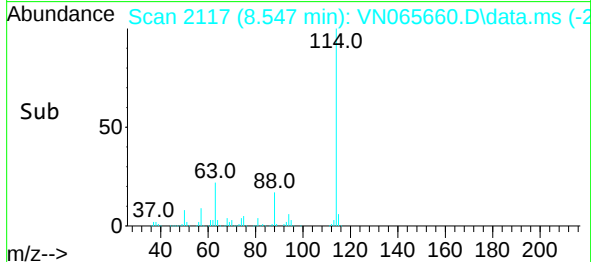
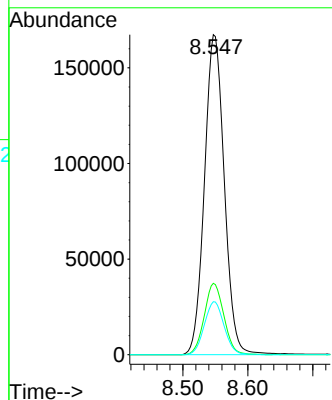


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
CRT-15

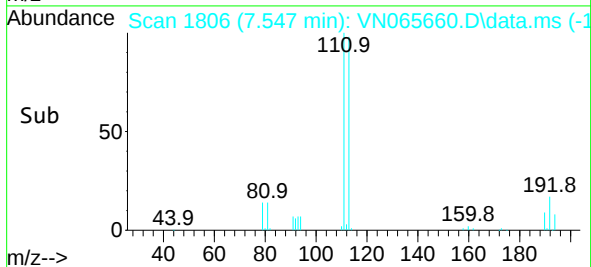
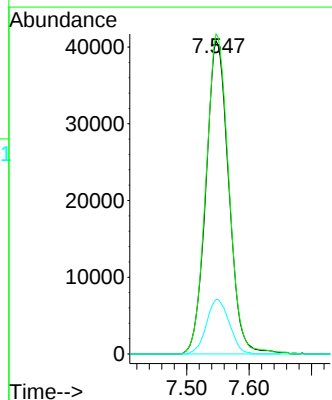
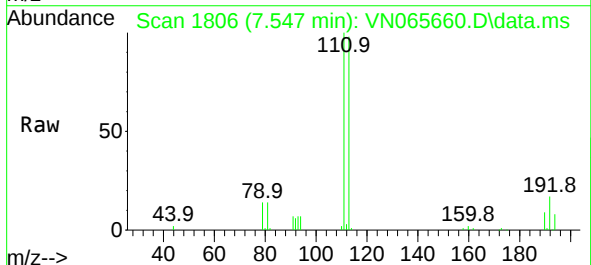


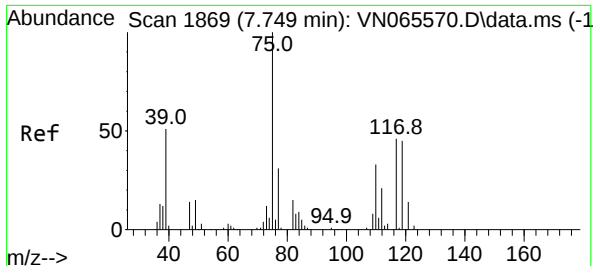
Tgt Ion:114 Resp: 355905
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.17 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion:113 Resp: 103692
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.4 15.4 23.0

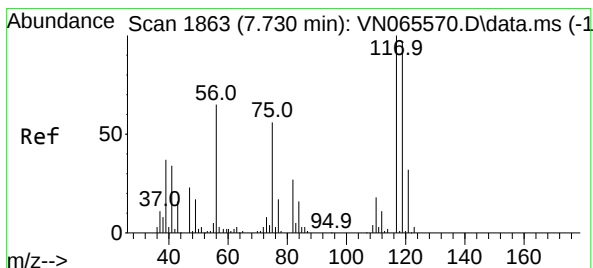
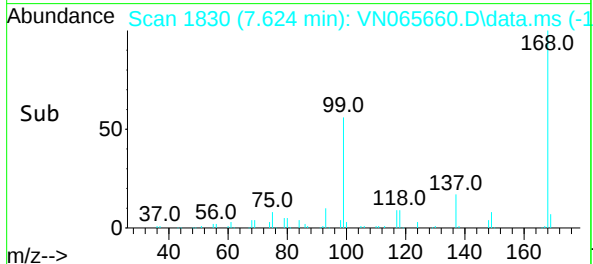
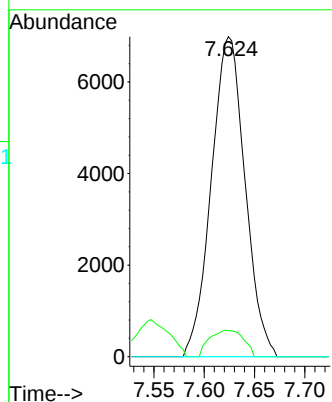
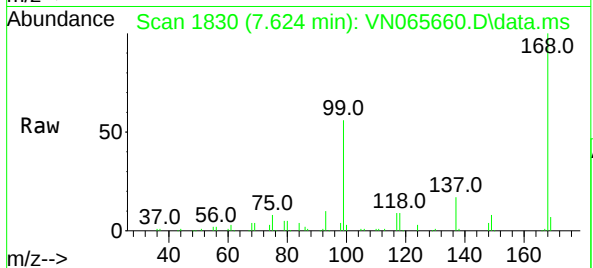




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

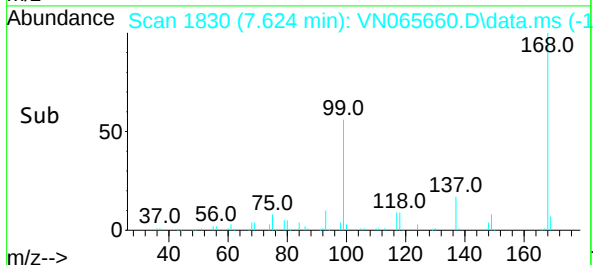
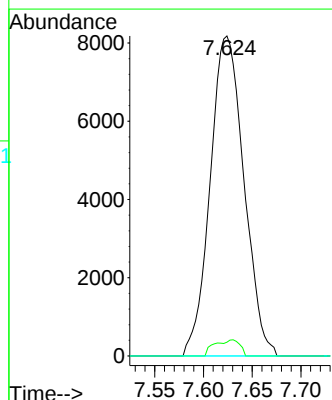
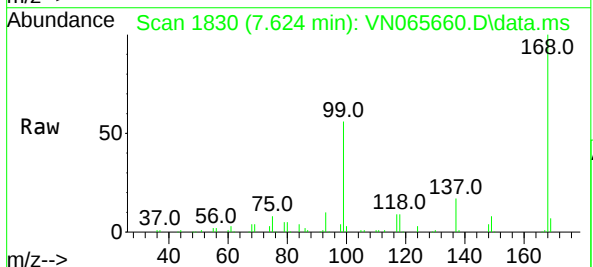
Instrument :
MSVOA_N
ClientSampled :
CRT-15

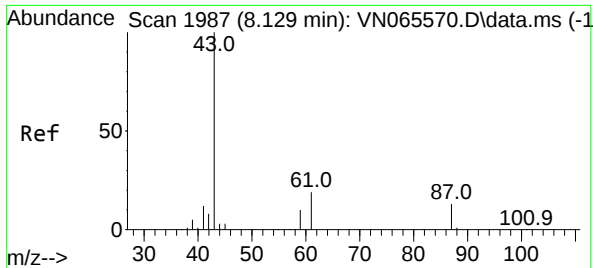
Tgt Ion: 75 Resp: 16279
Ion Ratio Lower Upper
75 100
110 8.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 117 Resp: 19707
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#

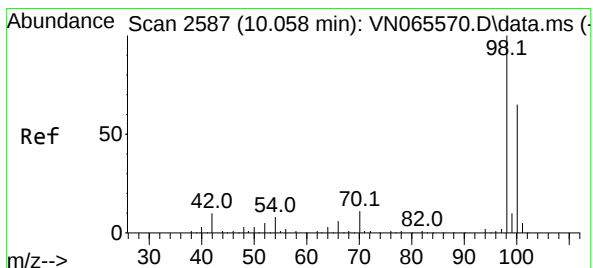
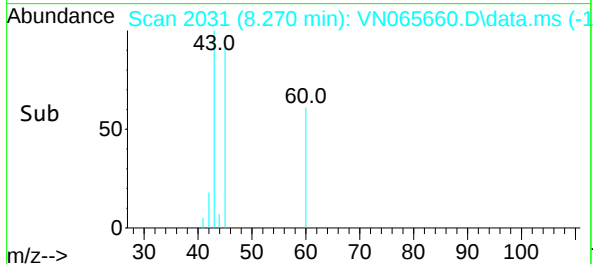
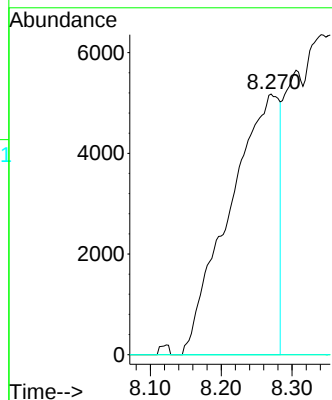
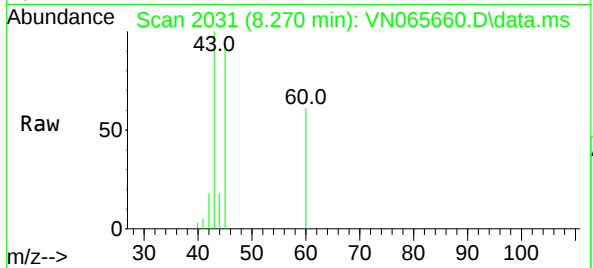




#43
Isopropyl Acetate
Concen: 4.13 ug/l
RT: 8.270 min Scan# 2031
Delta R.T. 0.141 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

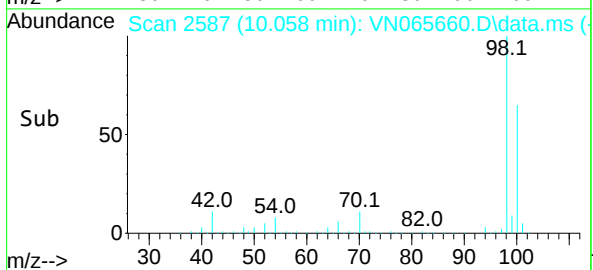
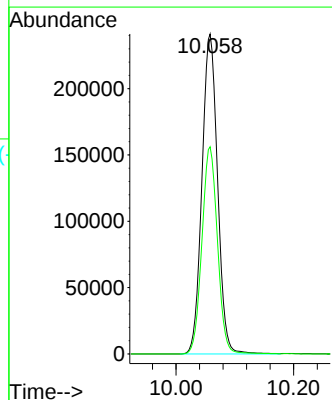
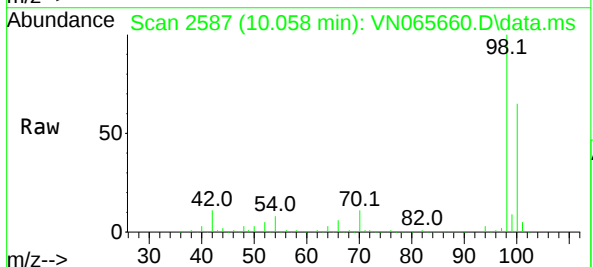
Instrument :
MSVOA_N
ClientSampled :
CRT-15

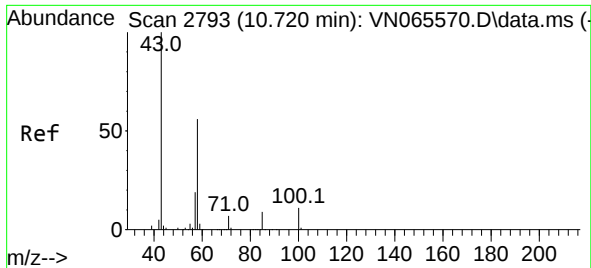
Tgt Ion: 43 Resp: 25176
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#



#50
Toluene-d8
Concen: 53.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 98 Resp: 444007
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

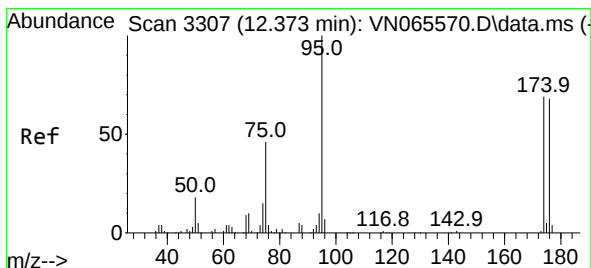
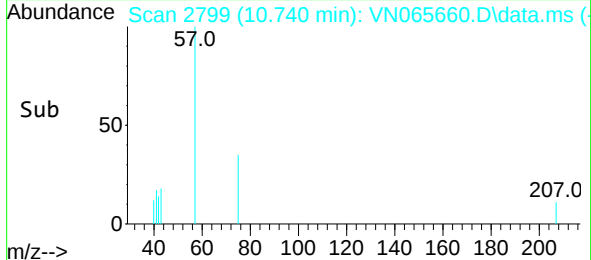
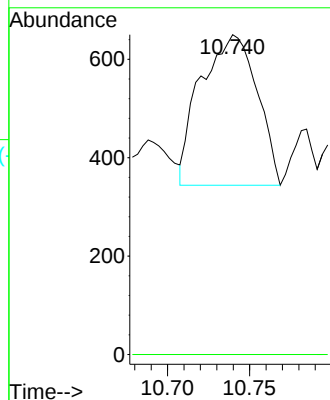
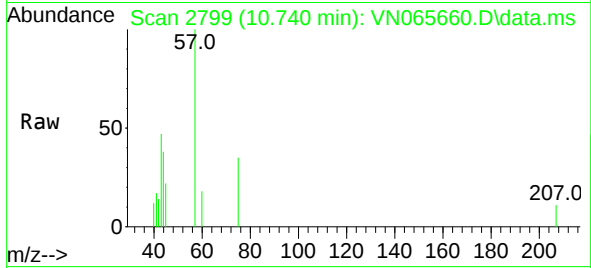




#59
2-Hexanone
Concen: 0.31 ug/l
RT: 10.740 min Scan# 2799
Delta R.T. 0.020 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

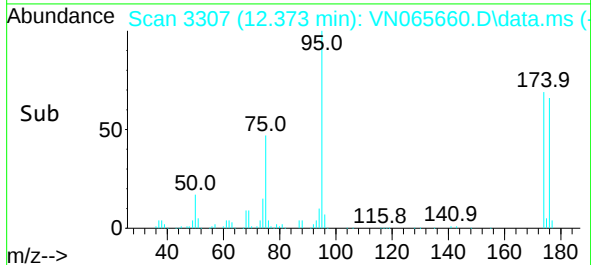
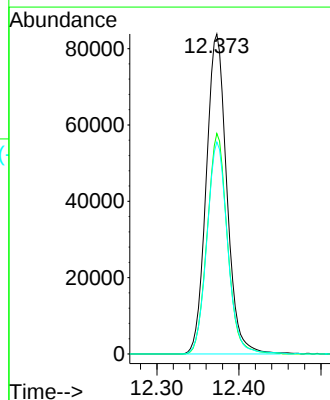
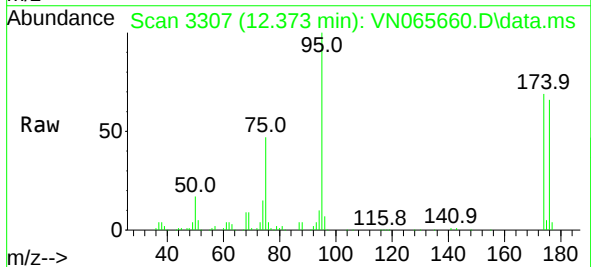
Instrument :
MSVOA_N
ClientSampled :
CRT-15

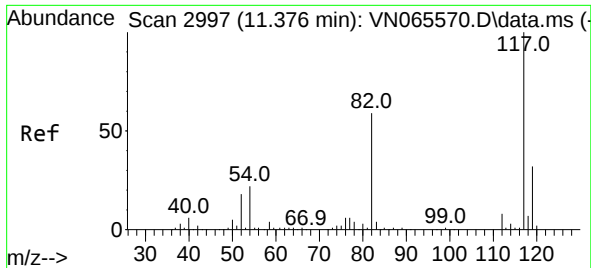
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.95 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 95 Resp: 146121
Ion Ratio Lower Upper
95 100
174 67.8 0.0 169.0
176 66.5 0.0 162.4

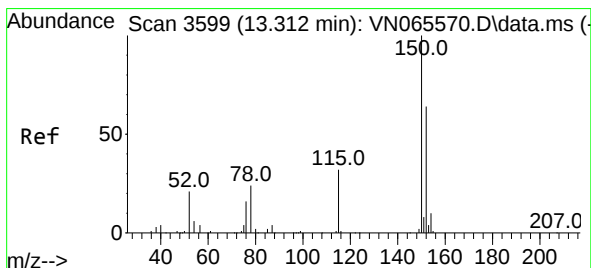
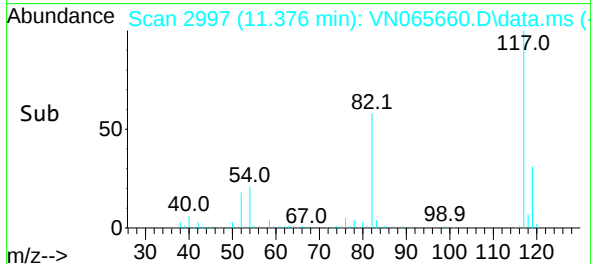
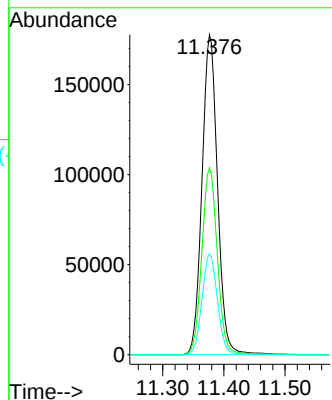
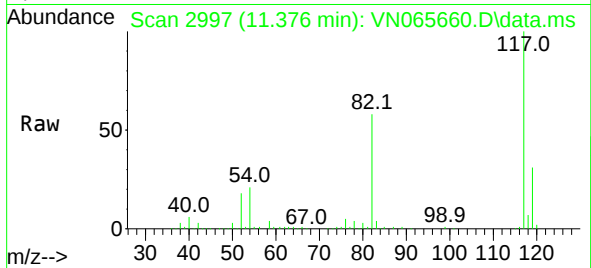




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

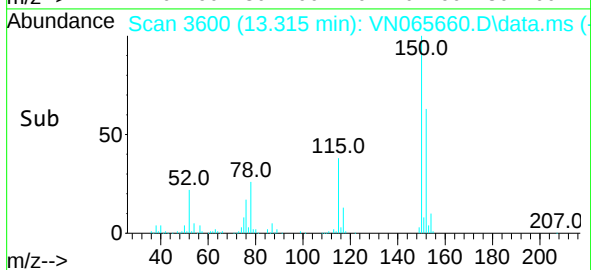
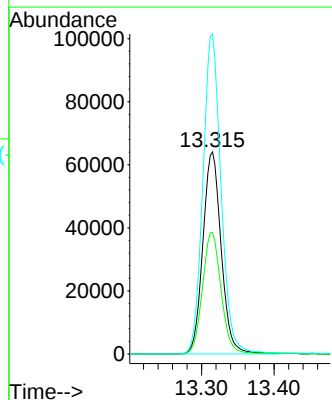
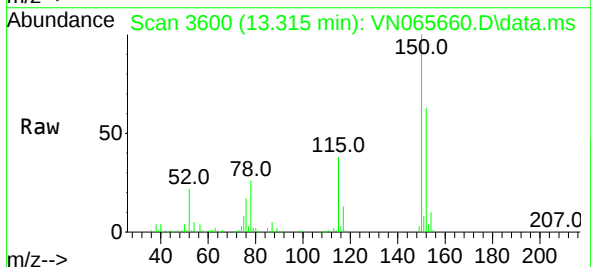
Instrument :
MSVOA_N
ClientSampled :
CRT-15

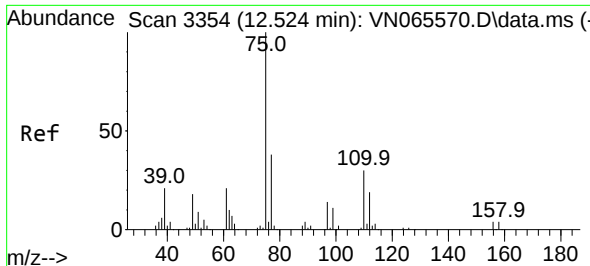
Tgt Ion:117 Resp: 313459
Ion Ratio Lower Upper
117 100
82 58.4 43.7 65.5
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion:152 Resp: 112628
Ion Ratio Lower Upper
152 100
115 61.0 28.5 85.6
150 157.4 0.0 347.6

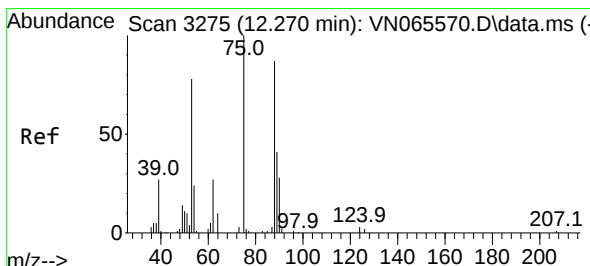
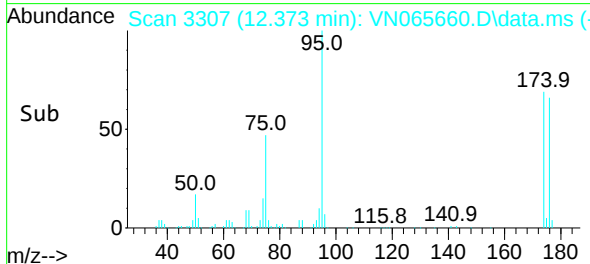
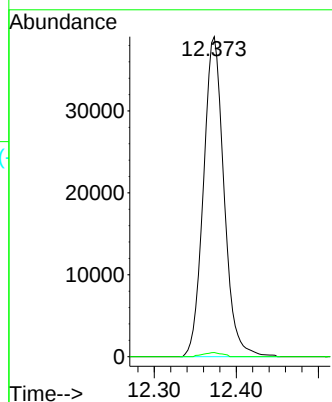
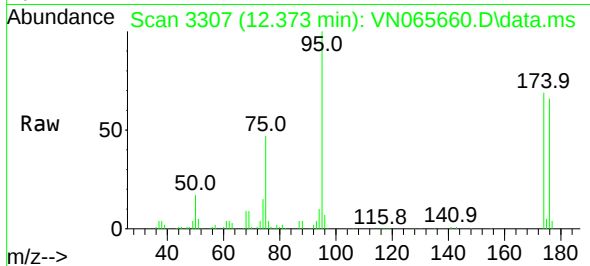




#76
1,2,3-Trichloropropane
Concen: 23.14 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Instrument :
MSVOA_N
ClientSampled :
CRT-15

Tgt Ion: 75 Resp: 68138
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.26 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065660.D
Acq: 28 Jan 2021 19:32

Tgt Ion: 75 Resp: 68138
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

