

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066085.D
 Acq On : 1 Mar 2021 18:40
 Operator : JC/MD
 Sample : M1488-06 4000X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41697DL

Quant Time: Mar 01 21:45:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

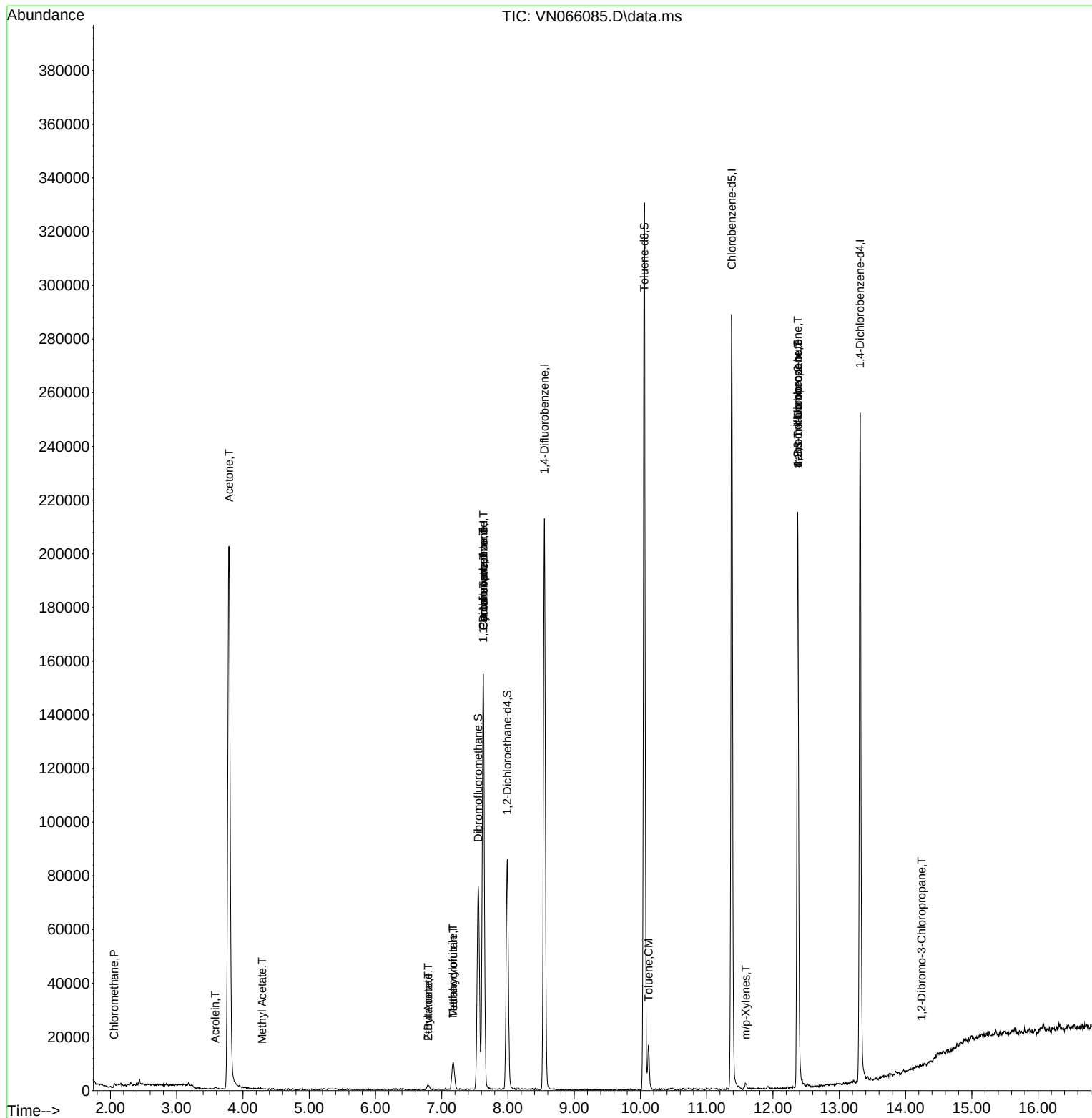
Internal Standards						
1) Pentafluorobenzene	7.627	168	121606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	193130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	176110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	81543	47.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.90%		
35) Dibromofluoromethane	7.550	113	59127	49.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.94%		
50) Toluene-d8	10.058	98	233717	47.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.26%		
62) 4-Bromofluorobenzene	12.373	95	85806	46.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.18%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	643	0.32	ug/l #	87
13) Acrolein	3.583	56	469	2.17	ug/l #	64
16) Acetone	3.788	43	345673	649.65	ug/l	94
18) Methyl Acetate	4.290	43	321	0.23	ug/l #	51
25) 2-Butanone	6.795	43	3314	3.94	ug/l #	88
29) Tetrahydrofuran	7.174	42	8478	14.63	ug/l	95
31) Cyclohexane	7.627	56	2348	0.93	ug/l #	21
36) 1,1-Dichloropropene	7.624	75	9549	5.01	ug/l #	47
37) Ethyl Acetate	6.795	43	3314	1.93	ug/l #	68
38) Carbon Tetrachloride	7.627	117	12553	7.09	ug/l #	17
41) Methacrylonitrile	7.171	41	5190	6.23	ug/l #	100
52) Toluene	10.122	92	6783	1.89	ug/l	99
68) m/p-Xylenes	11.592	106	795	0.32	ug/l #	73
76) 1,2,3-Trichloropropane	12.373	75	44336	25.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	44336	80.03	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.241	75	126	1.20	ug/l #	1

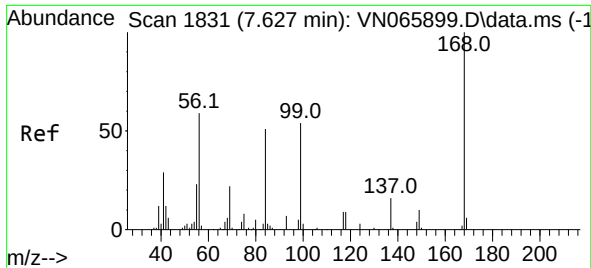
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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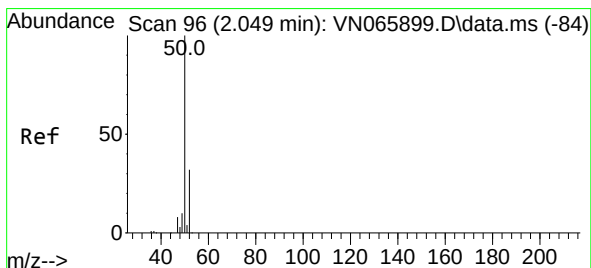
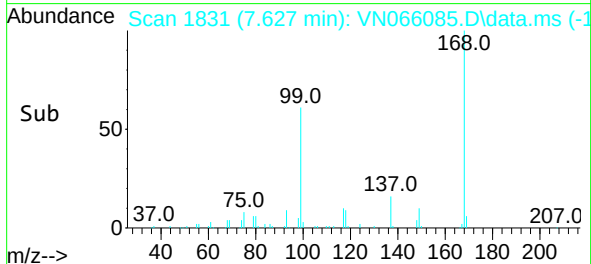
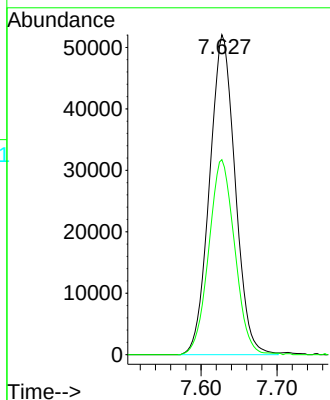
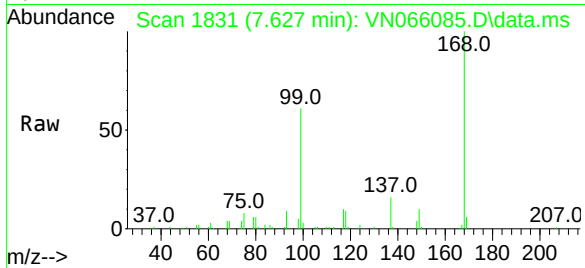




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

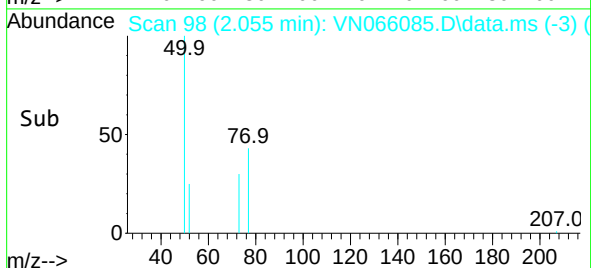
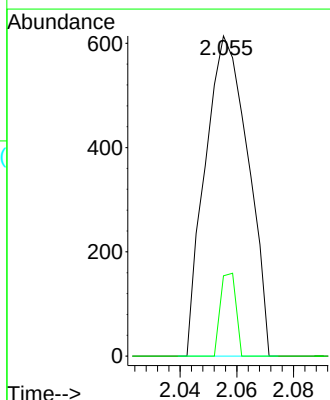
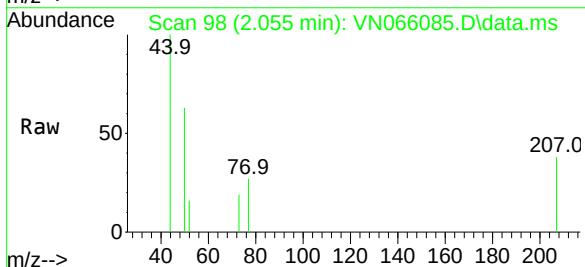
Instrument :
MSVOA_N
ClientSampled :
41697DL

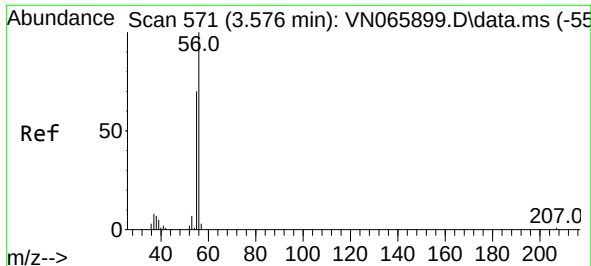
Tgt Ion:168 Resp: 121606
Ion Ratio Lower Upper
168 100
99 60.9 42.6 63.8



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

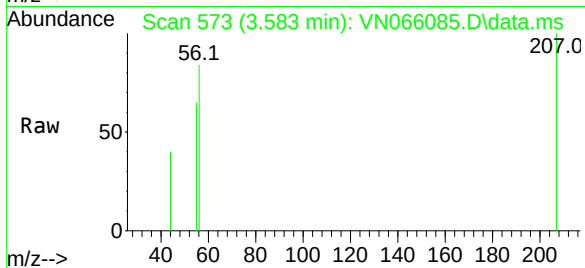
Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 25.1 25.8 38.8#



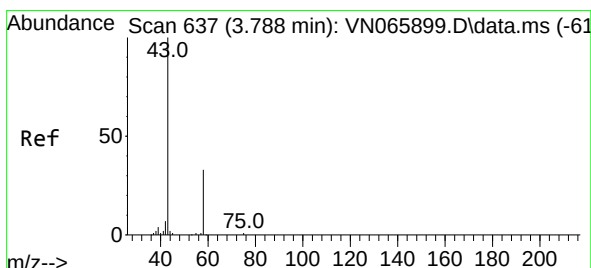
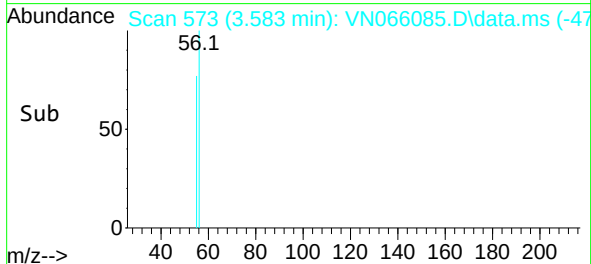
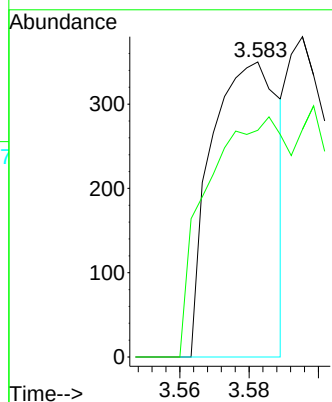


#13
Acrolein
Concen: 2.17 ug/l
RT: 3.583 min Scan# 573
Delta R.T. 0.007 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Instrument :
MSVOA_N
ClientSampleId :
41697DL

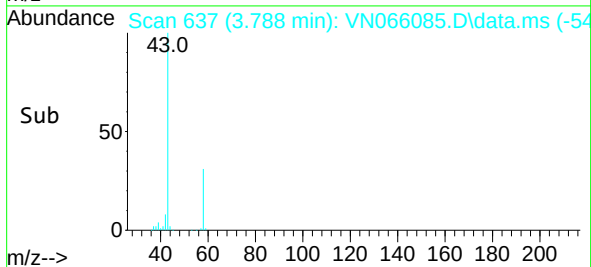
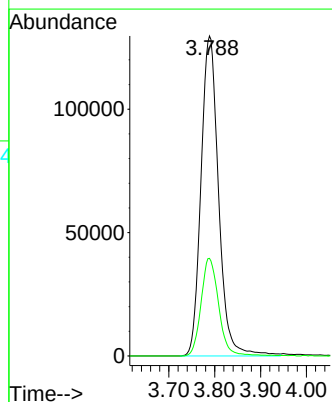
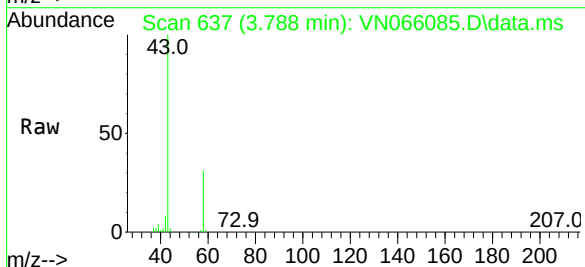


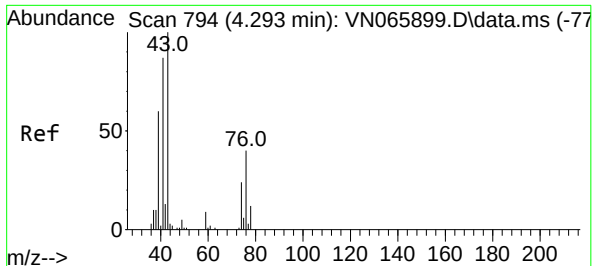
Tgt Ion: 56 Resp: 469
Ion Ratio Lower Upper
56 100
55 99.1 56.0 84.0#



#16
Acetone
Concen: 649.65 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 43 Resp: 345673
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6

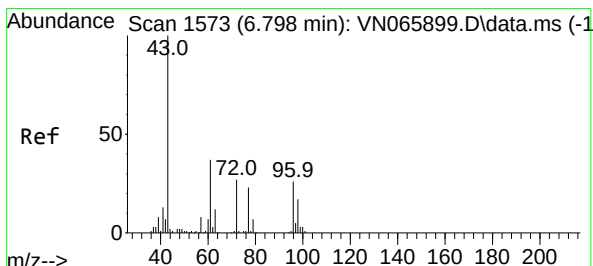
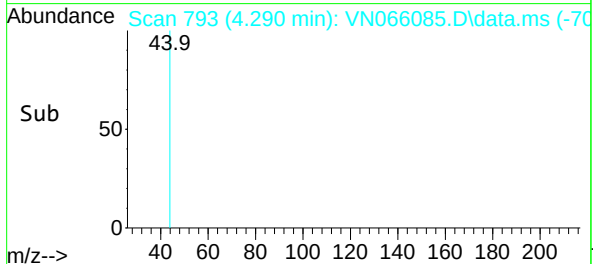
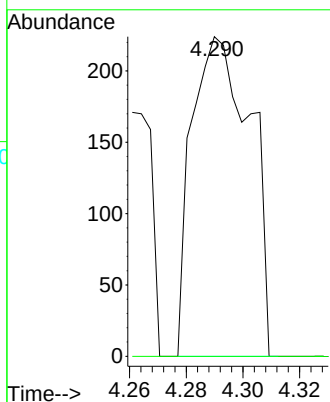
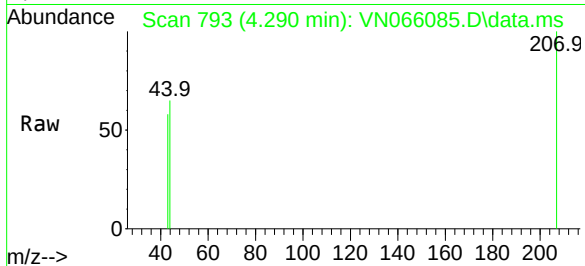




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 4.290 min Scan# 793
Delta R.T. -0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

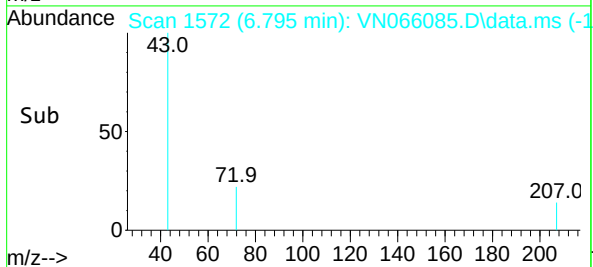
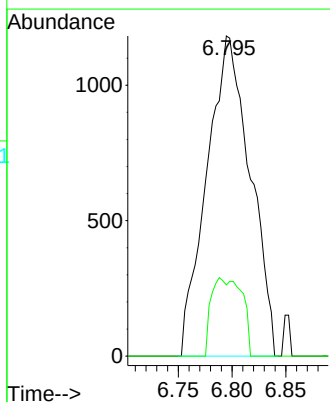
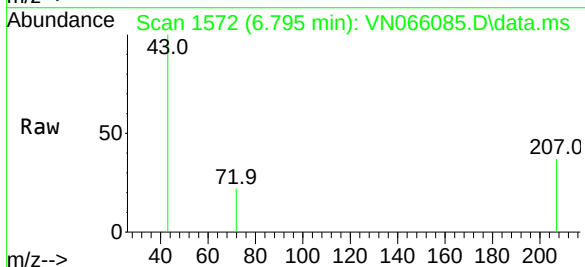
Instrument :
MSVOA_N
ClientSampleId :
41697DL

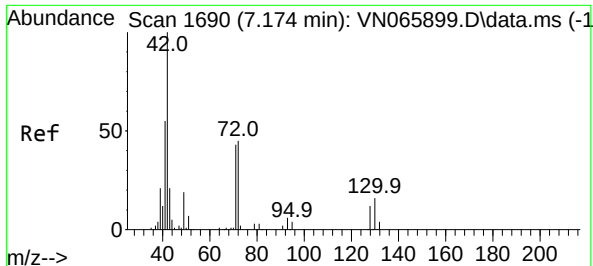
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#25
2-Butanone
Concen: 3.94 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 43 Resp: 3314
Ion Ratio Lower Upper
43 100
72 22.3 23.1 34.7#





#29

Tetrahydrofuran

Concen: 14.63 ug/l

RT: 7.174 min Scan# 1690

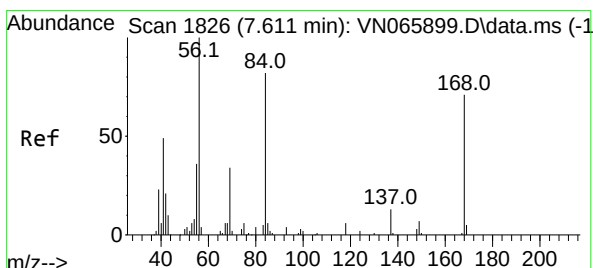
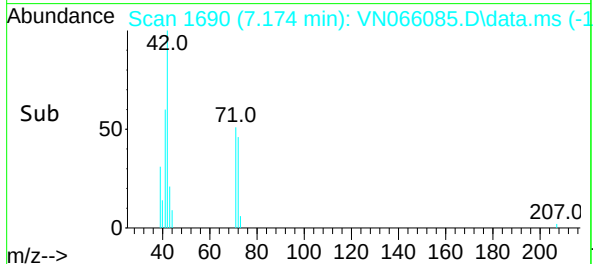
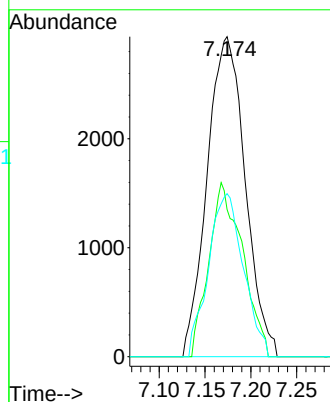
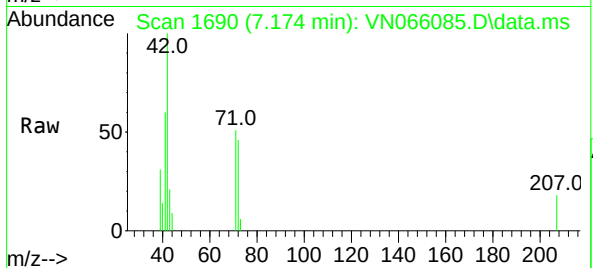
Delta R.T. 0.000 min

Lab File: VN066085.D

Acq: 1 Mar 2021 18:40

Tgt Ion:	42	Resp:	8478
Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.6	55.0
71	46.8	34.3	51.5

Instrument :
MSVOA_N
ClientSampled :
41697DL



#31

Cyclohexane

Concen: 0.93 ug/l

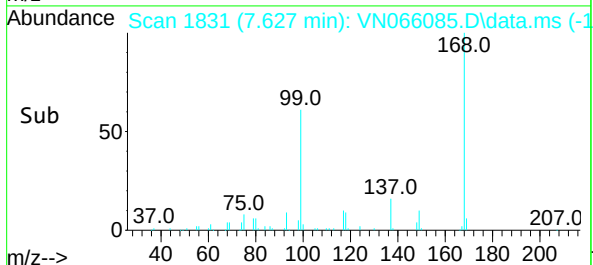
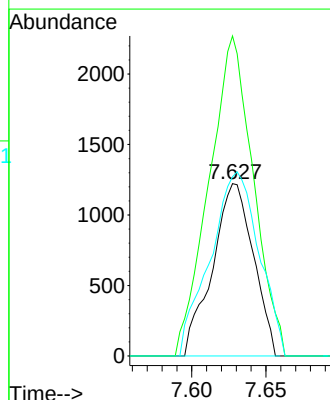
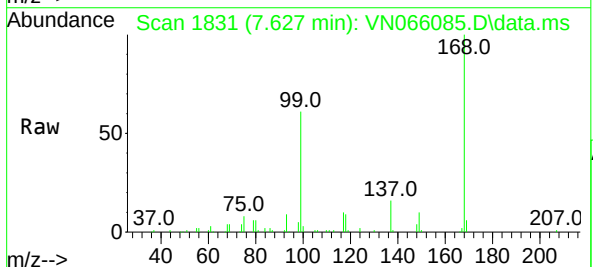
RT: 7.627 min Scan# 1831

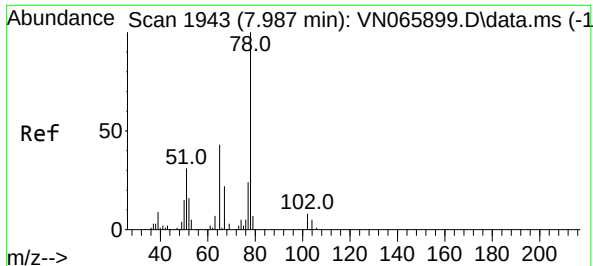
Delta R.T. 0.016 min

Lab File: VN066085.D

Acq: 1 Mar 2021 18:40

Tgt Ion:	56	Resp:	2348
Ion	Ratio	Lower	Upper
56	100		
69	171.7	26.6	39.8#
84	104.0	70.4	105.6

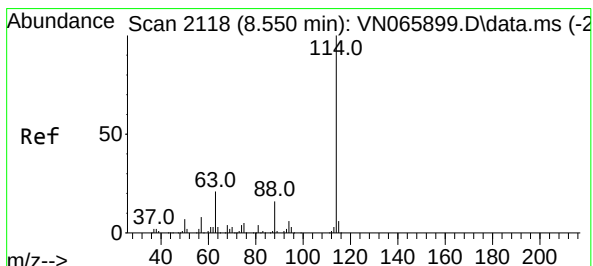
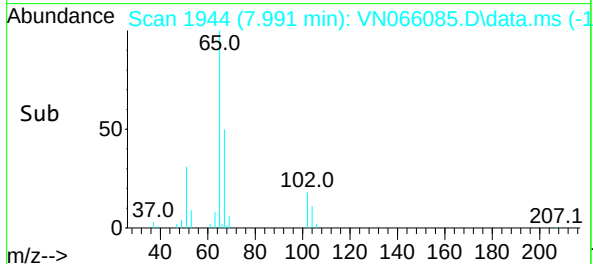
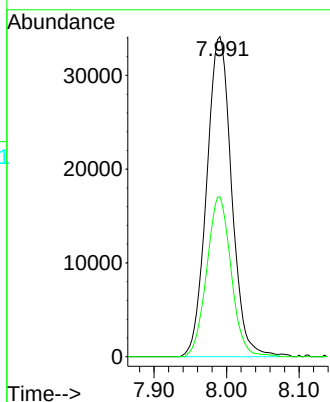
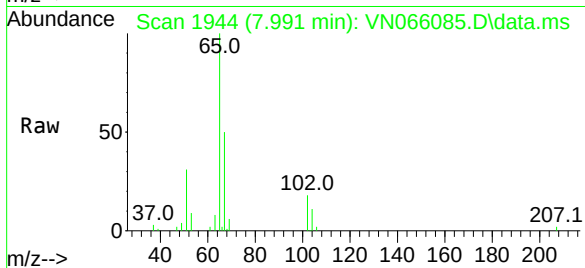




#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

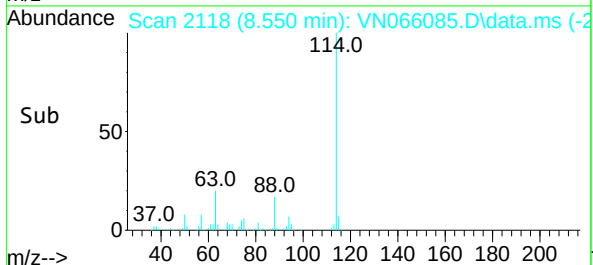
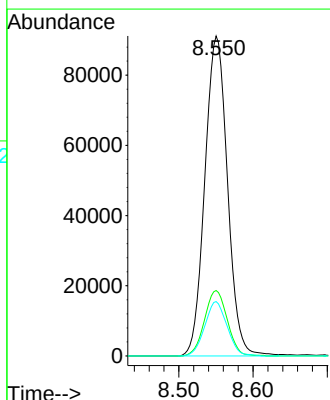
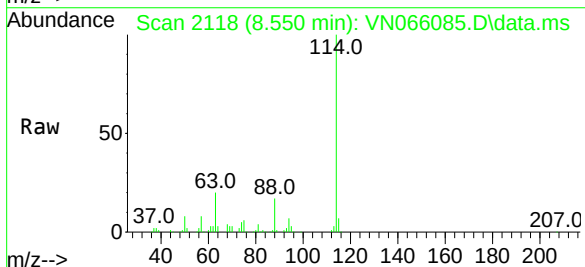
Instrument :
MSVOA_N
ClientSampled :
41697DL

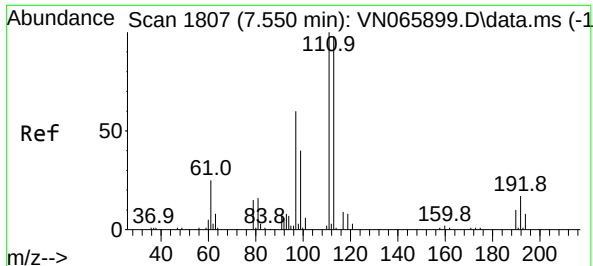
Tgt Ion: 65 Resp: 81543
Ion Ratio Lower Upper
65 100
67 48.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 114 Resp: 193130
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 17.0 0.0 30.6

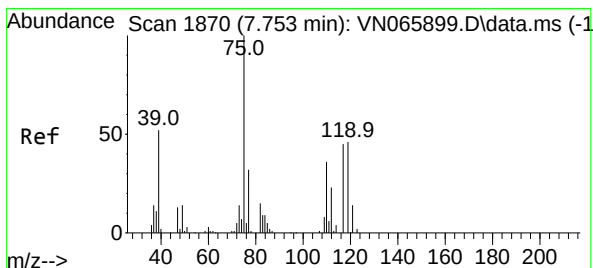
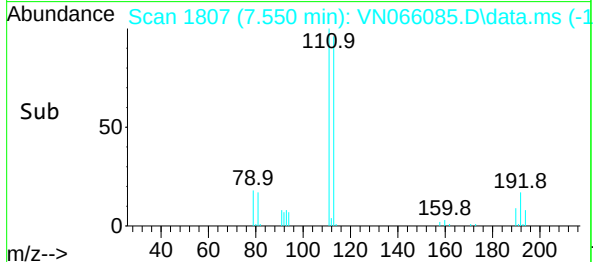
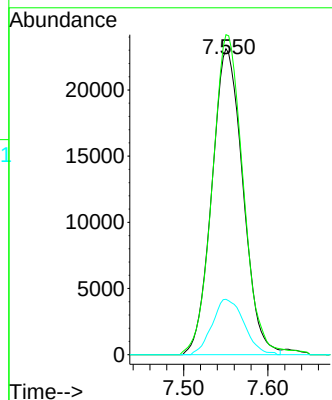
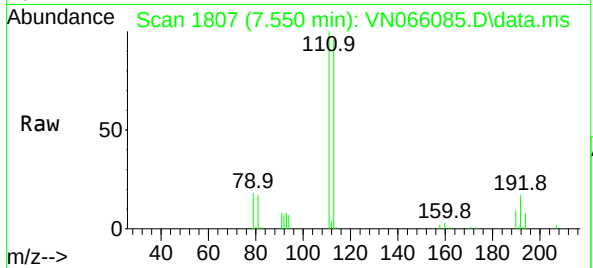




#35
Dibromofluoromethane
Concen: 49.47 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

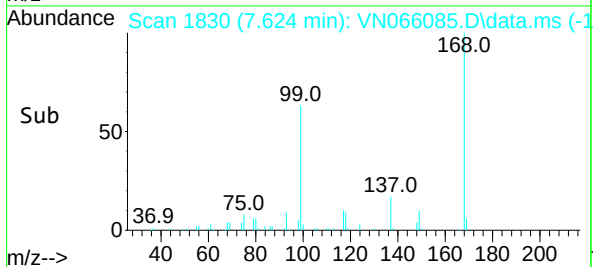
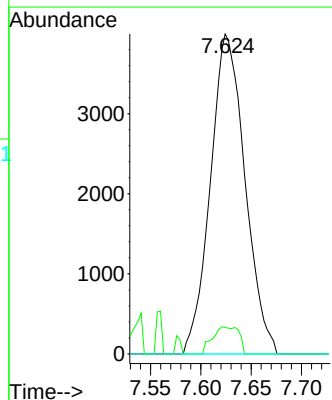
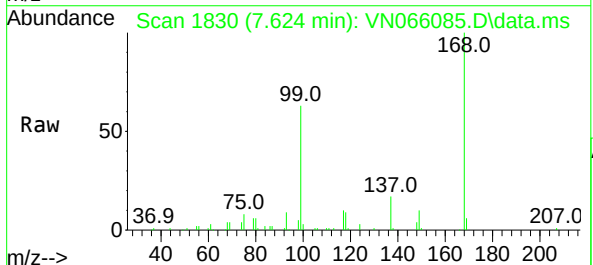
Instrument :
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41697DL

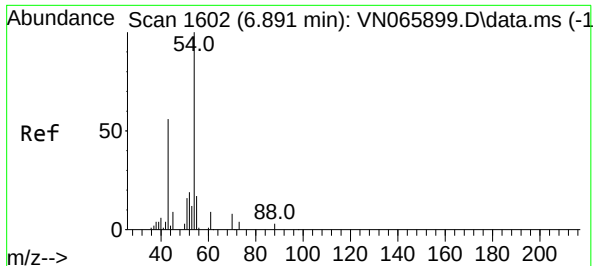
Tgt Ion:113 Resp: 59127
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 75 Resp: 9549
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.93 ug/l

RT: 6.795 min Scan# 1572

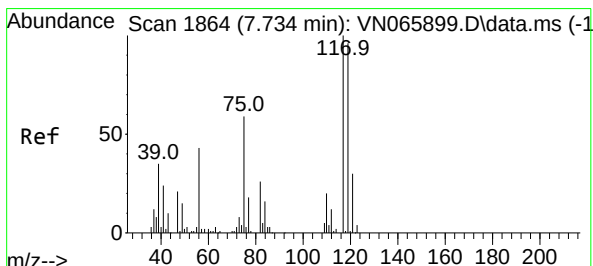
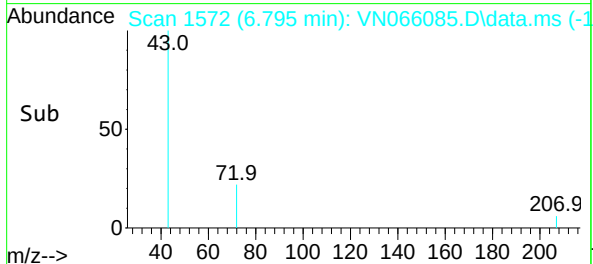
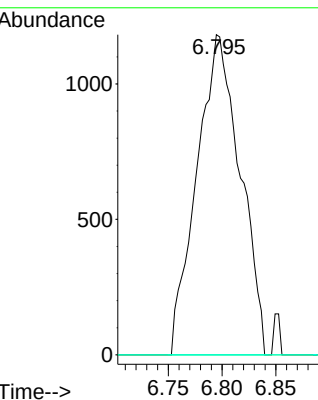
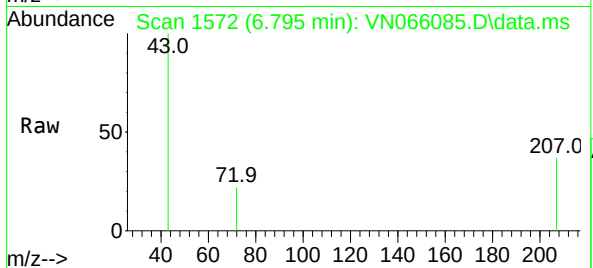
Delta R.T. -0.096 min

Lab File: VN066085.D

Acq: 1 Mar 2021 18:40

Tgt Ion:	43	Resp:	3314
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :
41697DL



#38

Carbon Tetrachloride

Concen: 7.09 ug/l

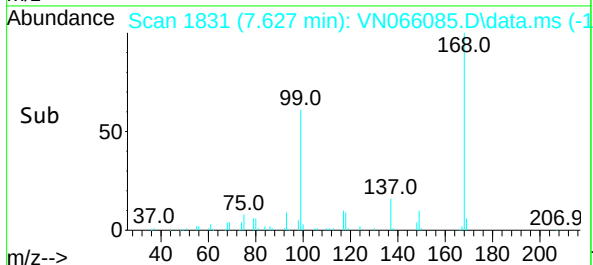
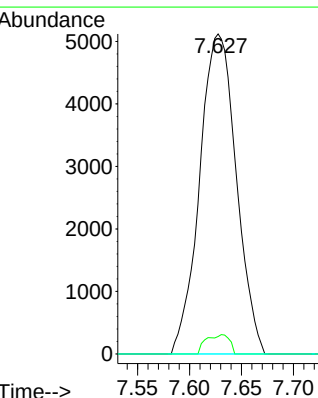
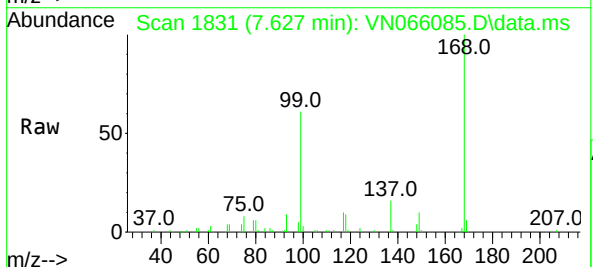
RT: 7.627 min Scan# 1831

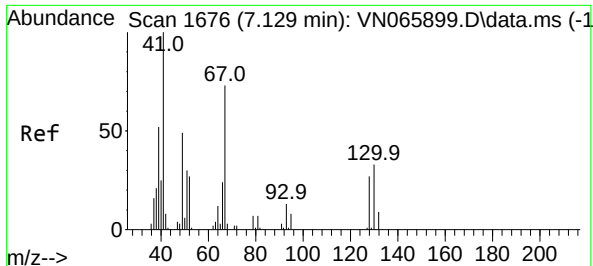
Delta R.T. -0.107 min

Lab File: VN066085.D

Acq: 1 Mar 2021 18:40

Tgt Ion:	117	Resp:	12553
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.0	114.0#
121	0.0	24.5	36.7#

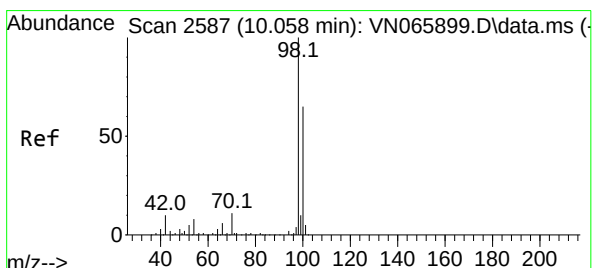
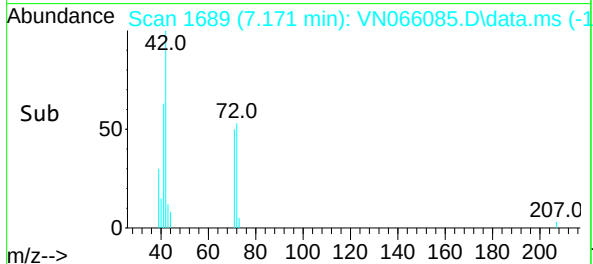
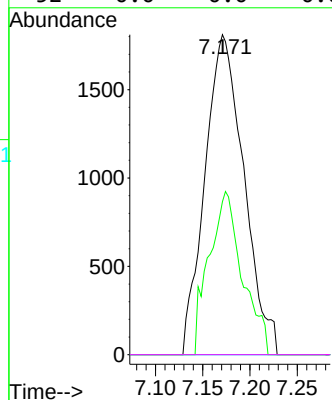
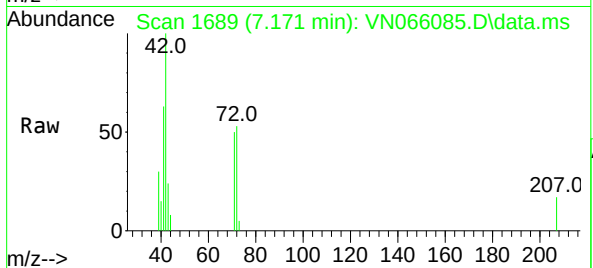




#41
Methacrylonitrile
Concen: 6.23 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. 0.042 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

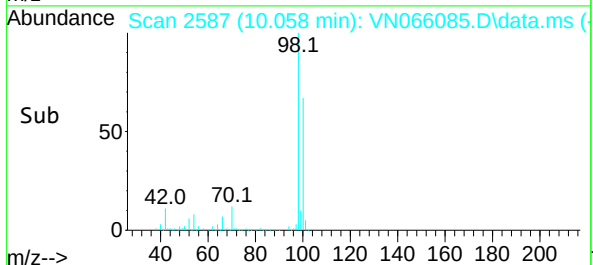
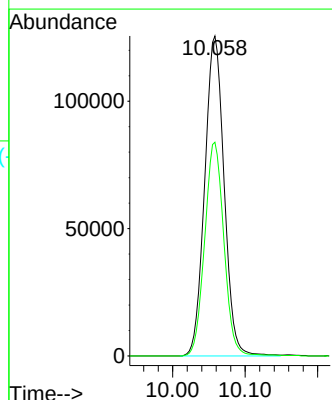
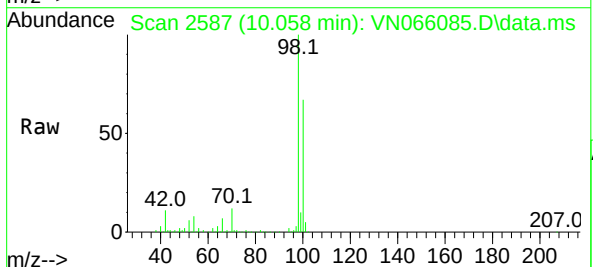
Instrument :
MSVOA_N
ClientSampled :
41697DL

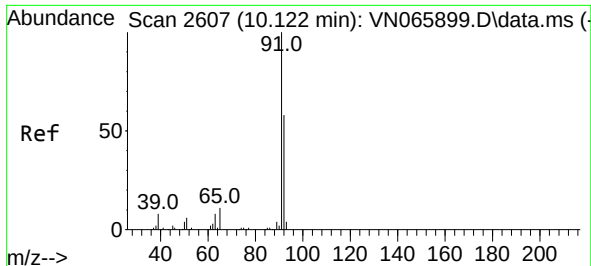
Tgt Ion:	41	Resp:	5190
Ion	Ratio	Lower	Upper
41	100		
39	43.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 47.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion:	98	Resp:	233717
Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.5	75.7

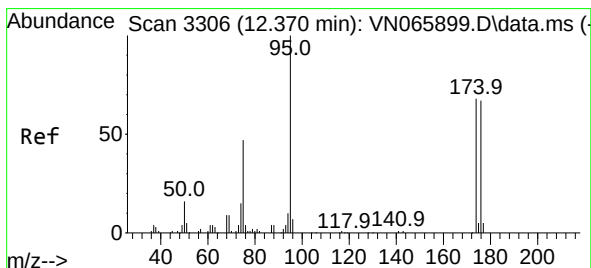
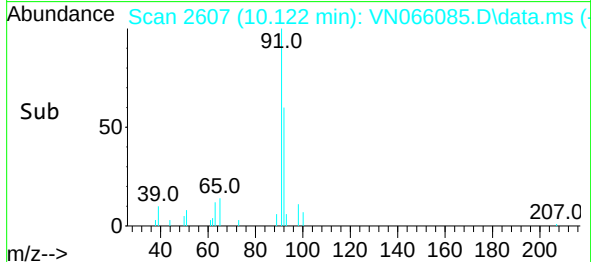
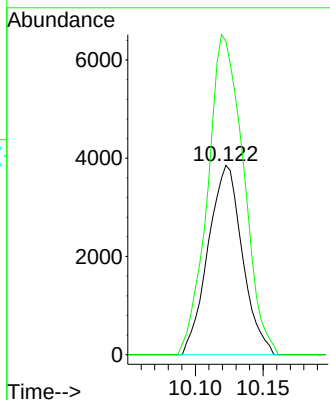
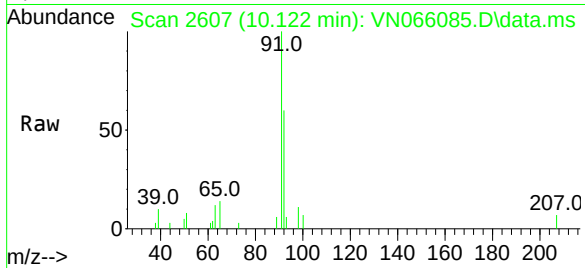




#52
Toluene
Concen: 1.89 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

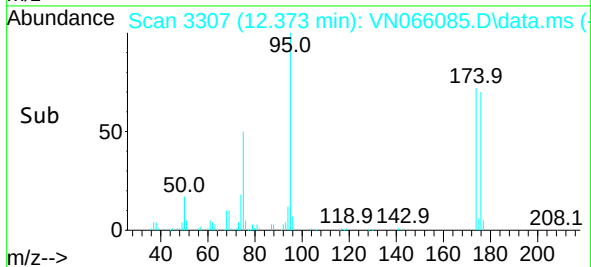
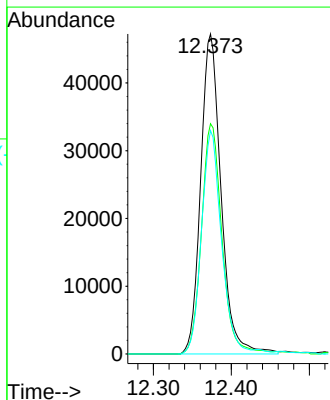
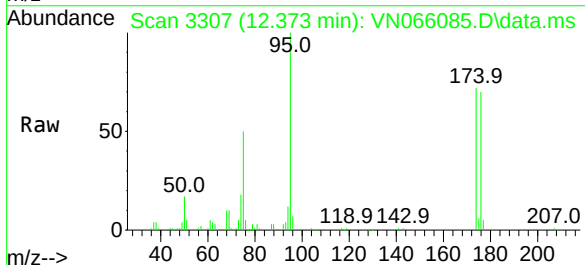
Instrument :
MSVOA_N
ClientSampled :
41697DL

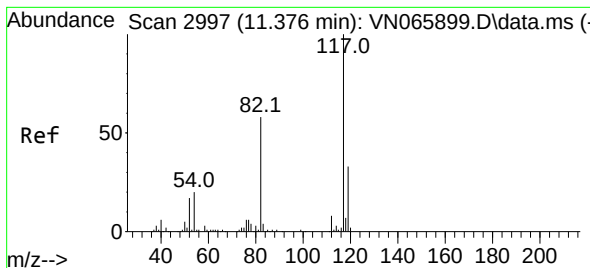
Tgt Ion: 92 Resp: 6783
Ion Ratio Lower Upper
92 100
91 176.7 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 95 Resp: 85806
Ion Ratio Lower Upper
95 100
174 72.3 0.0 169.0
176 68.2 0.0 162.4

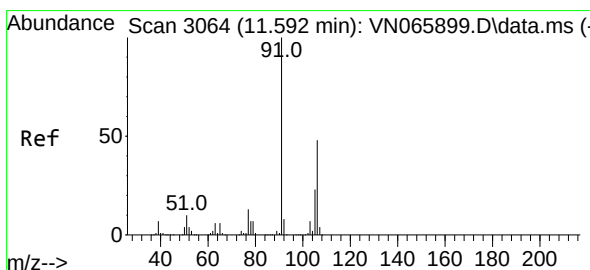
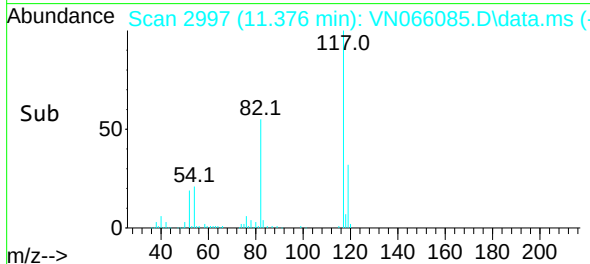
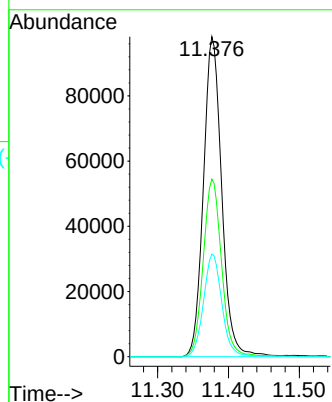
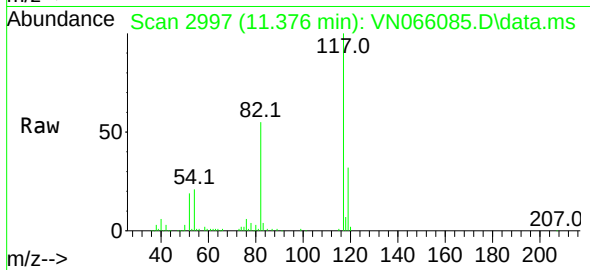




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

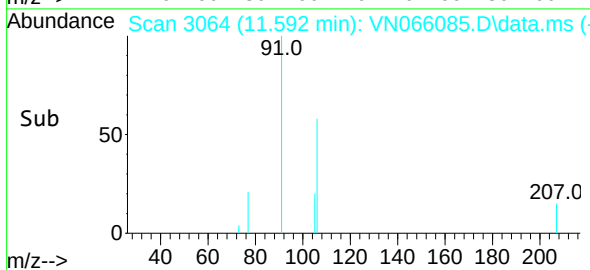
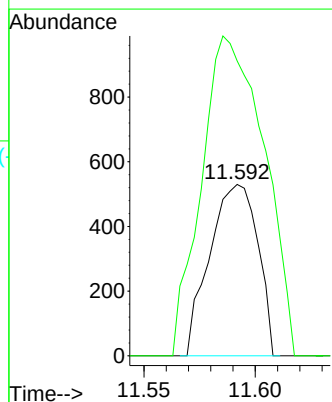
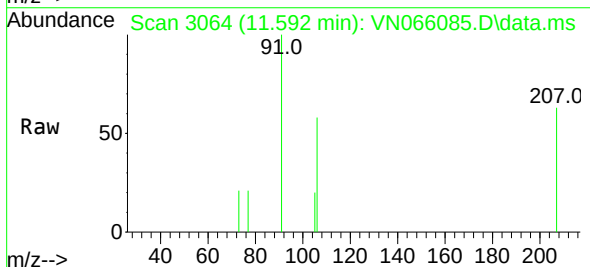
Instrument :
MSVOA_N
ClientSampled :
41697DL

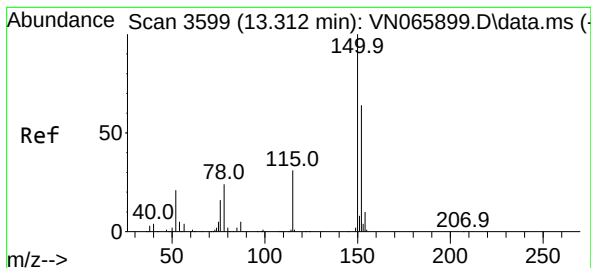
Tgt Ion:117 Resp: 176110
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion:106 Resp: 795
Ion Ratio Lower Upper
106 100
91 243.1 161.4 242.0#

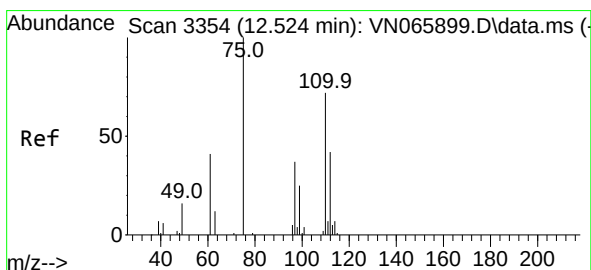
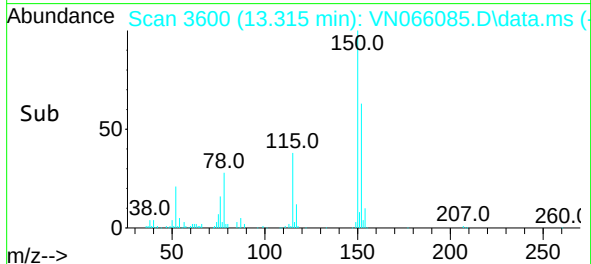
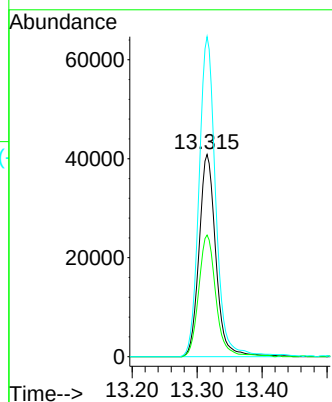
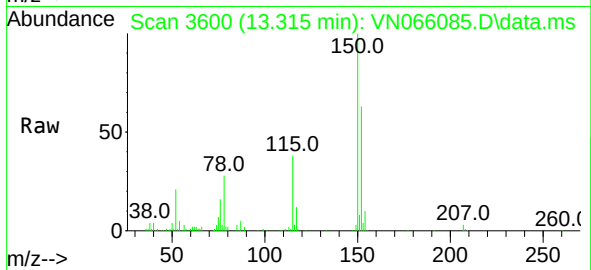




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

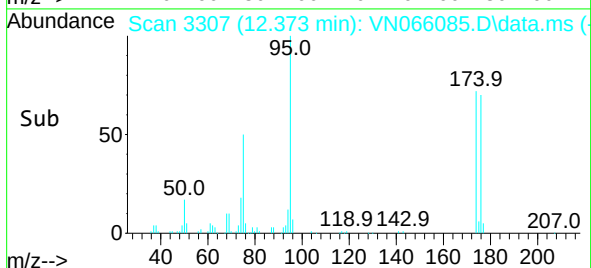
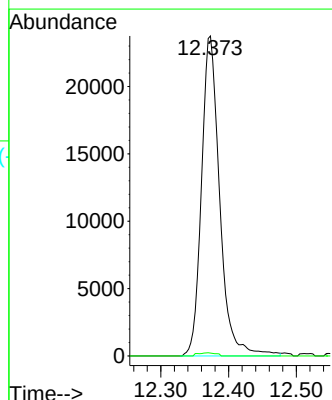
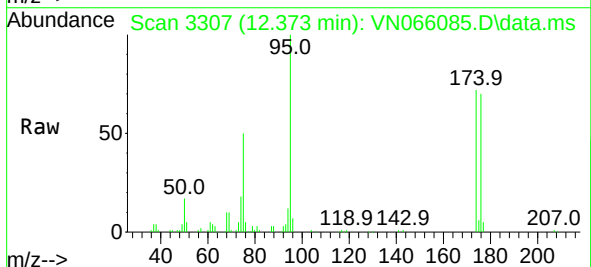
Instrument :
MSVOA_N
ClientSampled :
41697DL

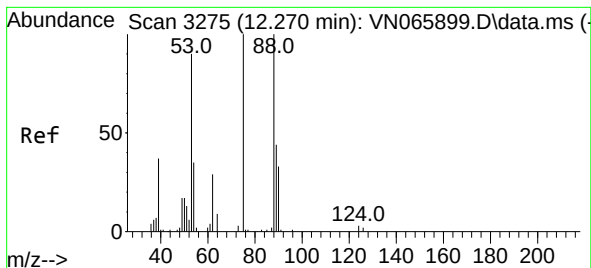
Tgt Ion:152 Resp: 73496
Ion Ratio Lower Upper
152 100
115 62.0 28.5 85.6
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.11 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 75 Resp: 44336
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

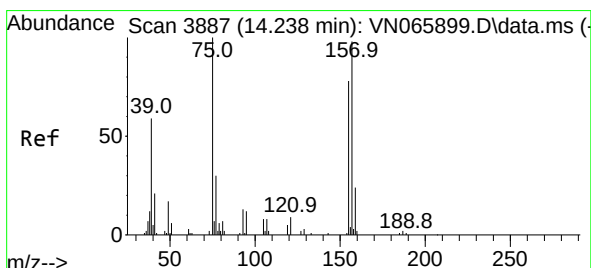
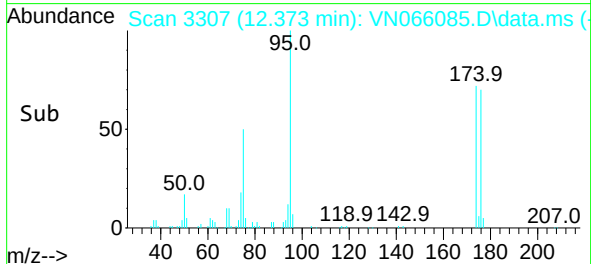
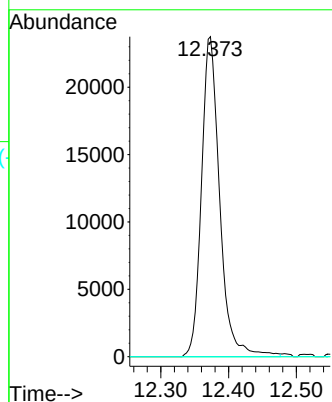
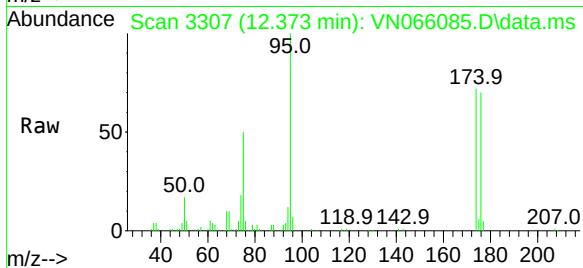




#81
trans-1,4-Dichloro-2-butene
Concen: 80.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Instrument :
MSVOA_N
ClientSampled :
41697DL

Tgt Ion: 75 Resp: 44336
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.20 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

