

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066222.D
 Acq On : 16 Mar 2021 19:48
 Operator : JC/MD
 Sample : M1687-29 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 17 05:25:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	249722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	411391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	366043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	161873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	203312	56.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.02%
35) Dibromofluoromethane	7.509	113	136730	52.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.20%
50) Toluene-d8	10.028	98	488786	48.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.34%
62) 4-Bromofluorobenzene	12.345	95	153703	42.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.04%

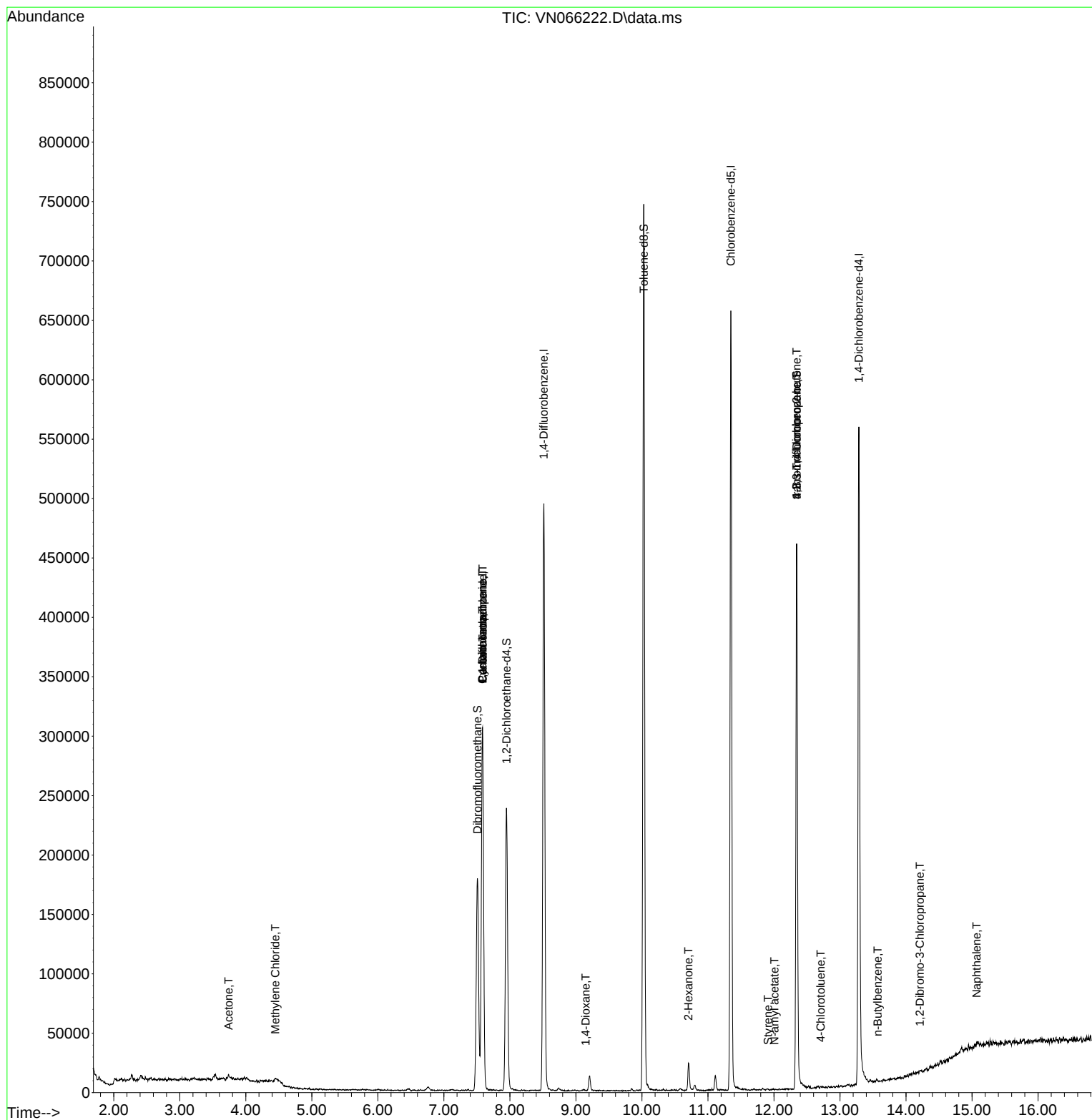
Target Compounds					Qvalue
13) Acrolein	3.529	56	2286	Below Cal	# 3
16) Acetone	3.739	43	4864	2.81 ug/l	# 78
20) Methylene Chloride	4.449	84	1084	0.40 ug/l	# 75
31) Cyclohexane	7.584	56	5328	0.99 ug/l	# 1
36) 1,1-Dichloropropene	7.584	75	19799	4.75 ug/l	# 48
38) Carbon Tetrachloride	7.587	117	21981	5.89 ug/l	# 17
49) 1,4-Dioxane	9.148	88	53	1.12 ug/l	# 16
59) 2-Hexanone	10.704	43	4796	2.43 ug/l	# 39
70) Styrene	11.911	104	199	2.17 ug/l	# 50
74) N-amyl acetate	12.007	43	53	2.17 ug/l	# 49
76) 1,2,3-Trichloropropane	12.345	75	82380	19.71 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	82380	58.97 ug/l	# 11
82) 4-Chlorotoluene	12.707	91	174	0.49 ug/l	# 43
89) n-Butylbenzene	13.571	91	508	2.29 ug/l	# 77
92) 1,2-Dibromo-3-Chloropr...	14.212	75	321	1.19 ug/l	# 8
95) Naphthalene	15.070	128	2344	0.25 ug/l	# 94

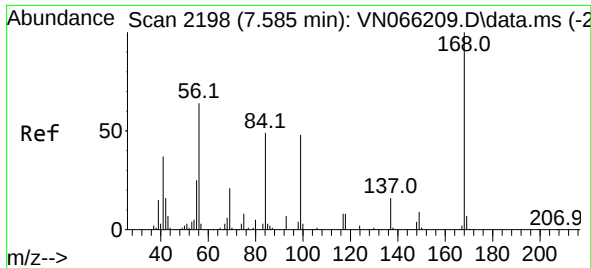
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

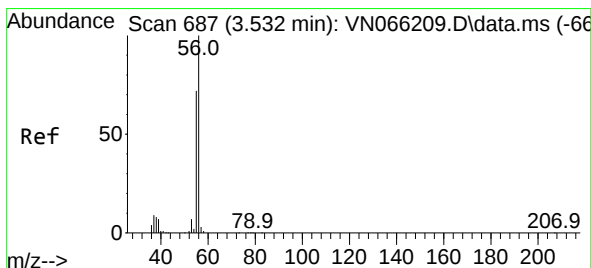
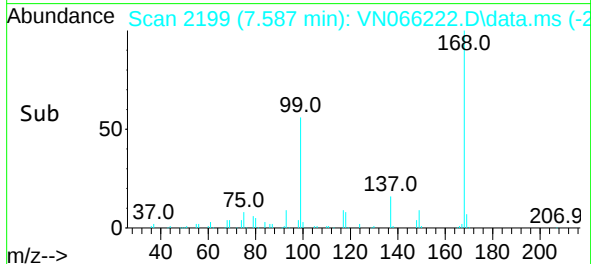
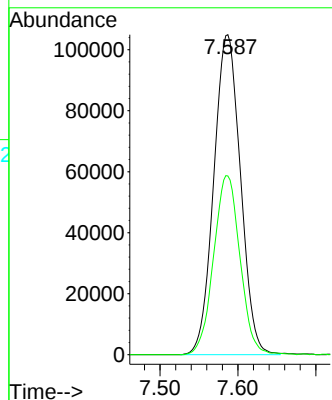
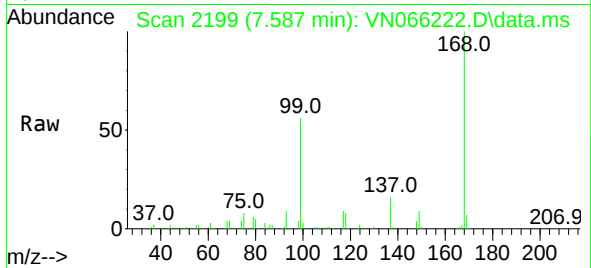




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

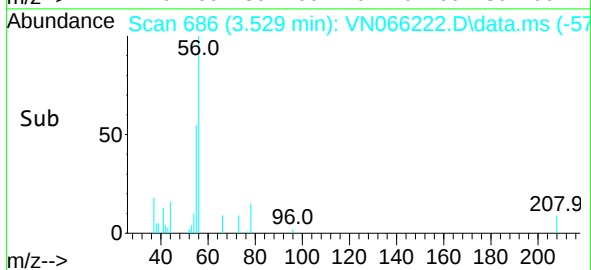
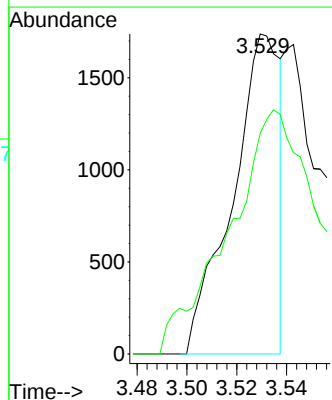
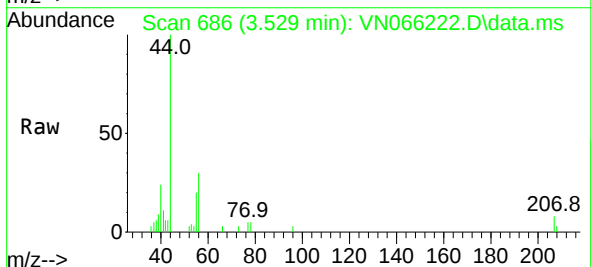
Instrument :
MSVOA_N
ClientSampled :

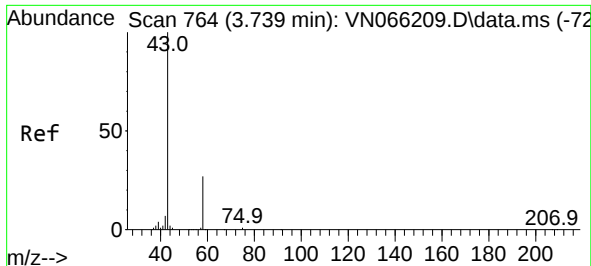
Tgt Ion:168 Resp: 249722
Ion Ratio Lower Upper
168 100
99 55.8 45.4 68.0



#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. -0.003 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
55 153.8 58.0 87.0#

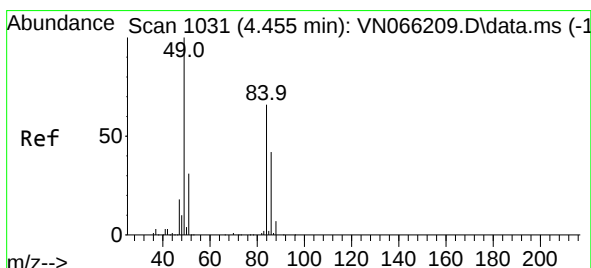
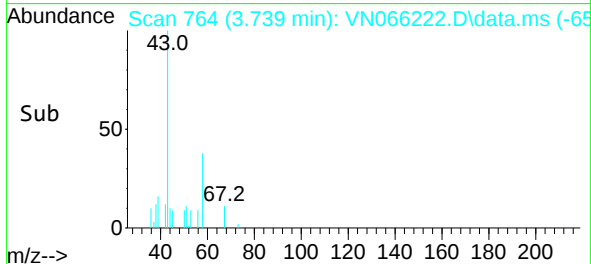
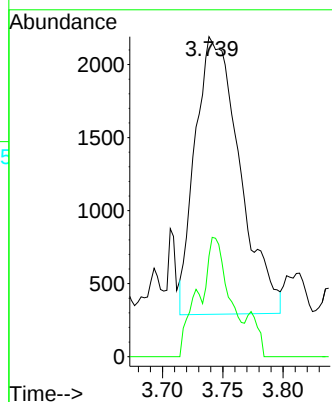
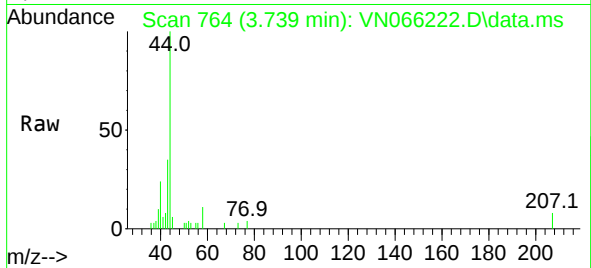




#16
Acetone
Concen: 2.81 ug/l
RT: 3.739 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

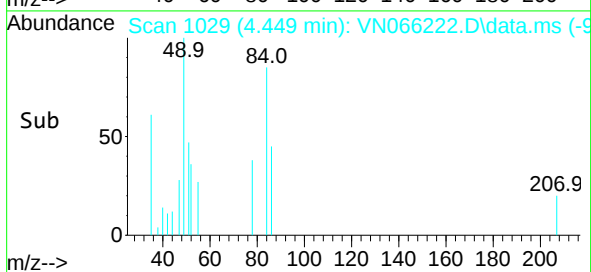
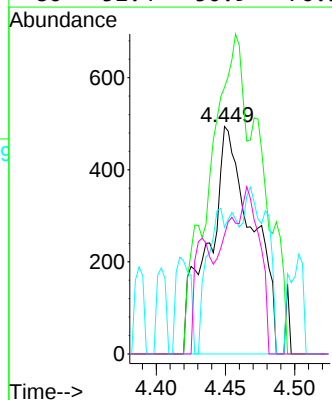
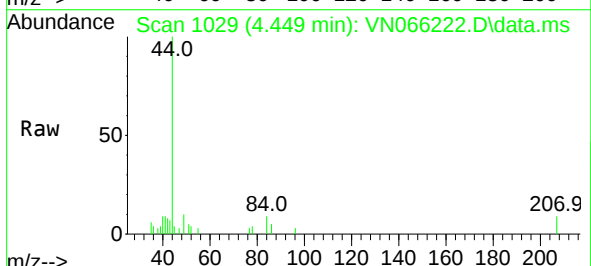
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MSVOA_N
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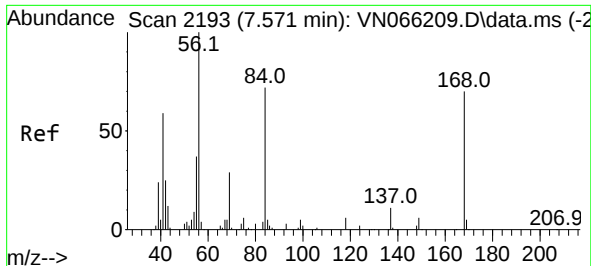
Tgt Ion: 43 Resp: 4864
Ion Ratio Lower Upper
43 100
58 39.4 22.3 33.5#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

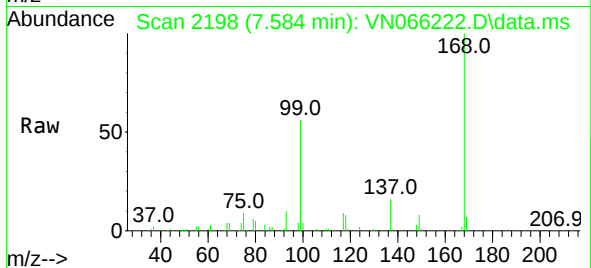
Tgt Ion: 84 Resp: 1084
Ion Ratio Lower Upper
84 100
49 117.2 130.0 195.0#
51 55.7 39.1 58.7
86 52.4 50.9 76.3



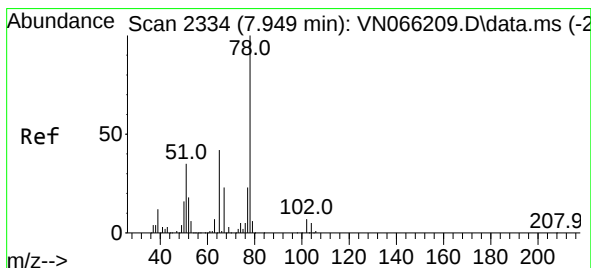
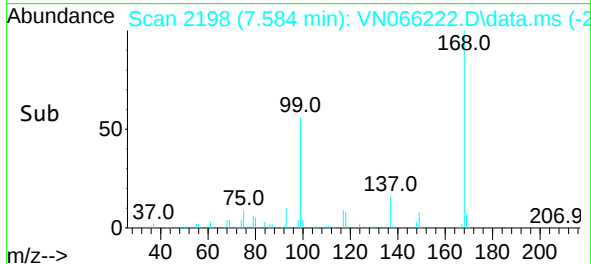
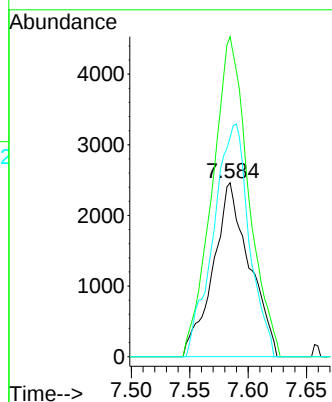


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.013 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Instrument :
MSVOA_N
ClientSampled :

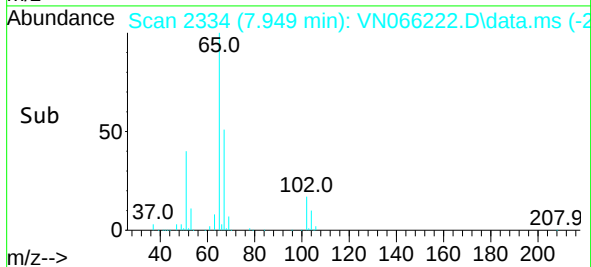
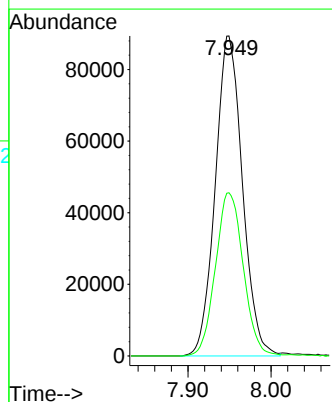
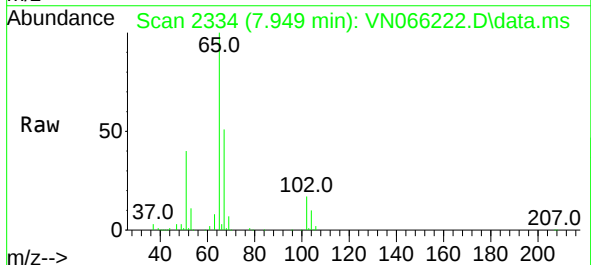


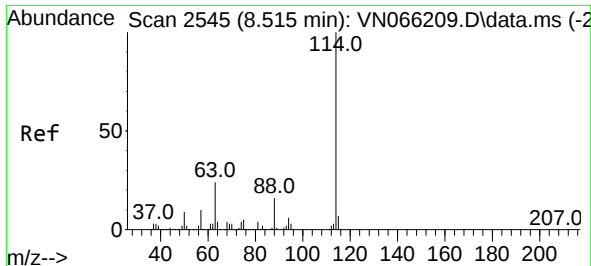
Tgt Ion: 56 Resp: 5328
Ion Ratio Lower Upper
56 100
69 184.0 23.4 35.0#
84 126.1 57.8 86.6#



#33
1,2-Dichloroethane-d4
Concen: 56.51 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 65 Resp: 203312
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2

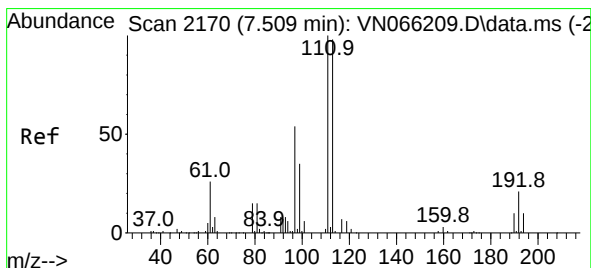
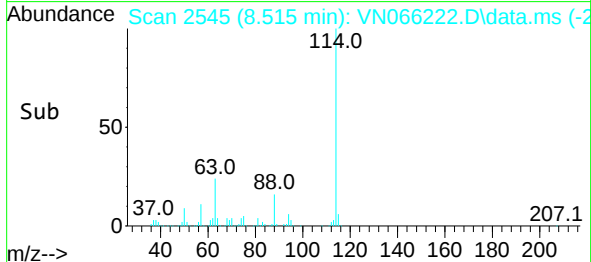
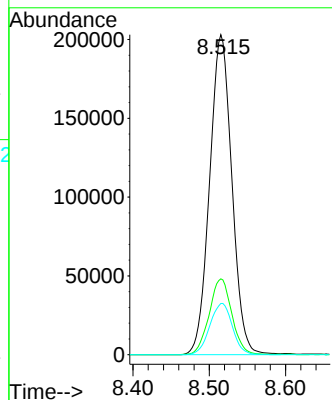
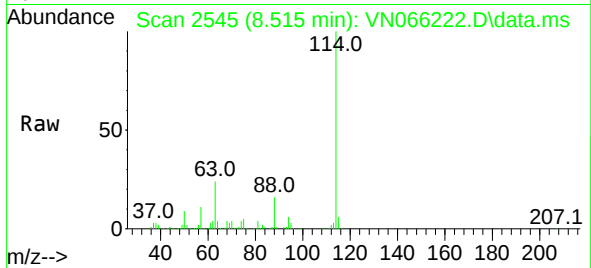




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

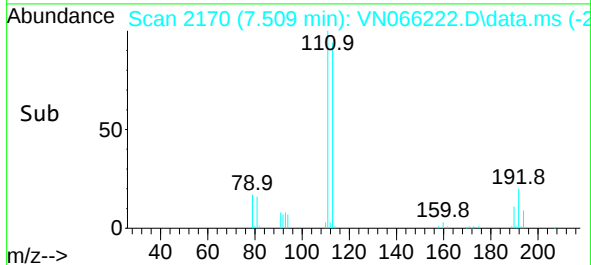
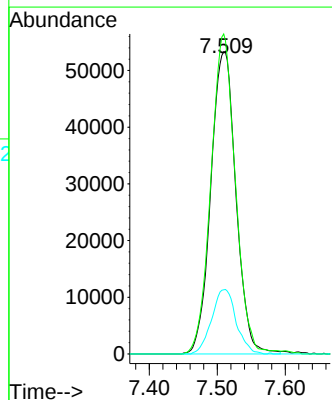
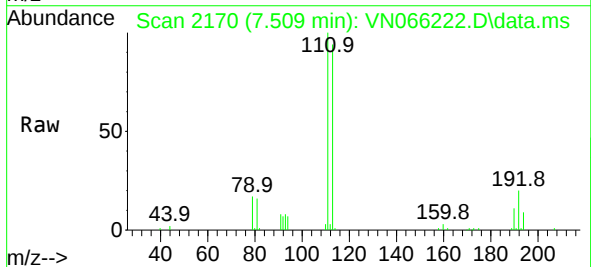
Instrument :
MSVOA_N
ClientSampleId :

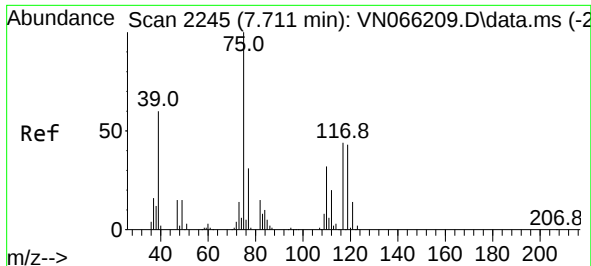
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	49.2
88	16.0	0.0	33.8



#35
Dibromofluoromethane
Concen: 52.10 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.0	126.0
192	20.8	16.7	25.1

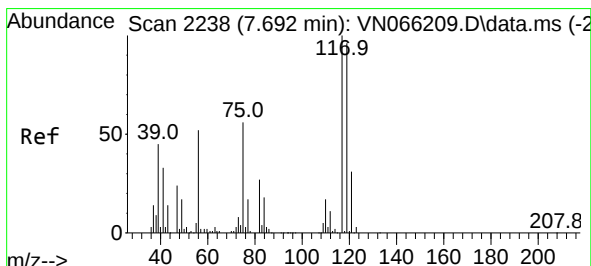
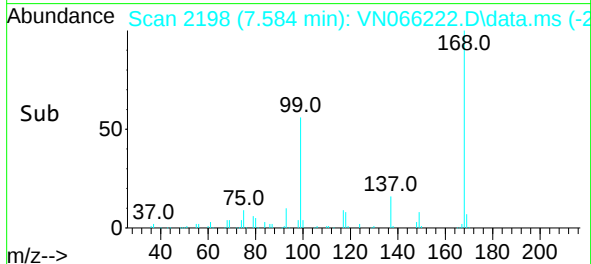
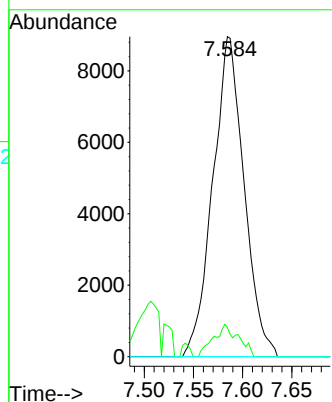
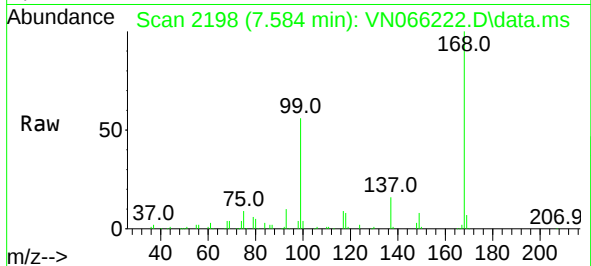




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.127 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

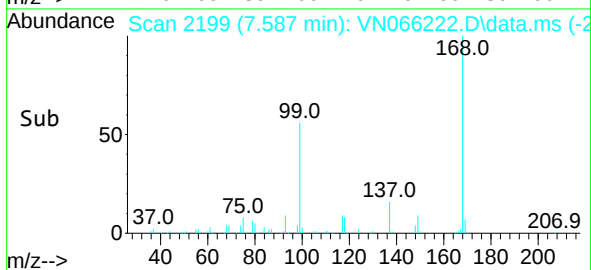
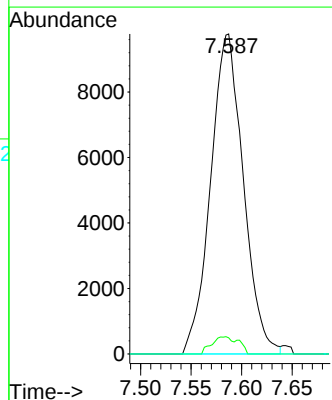
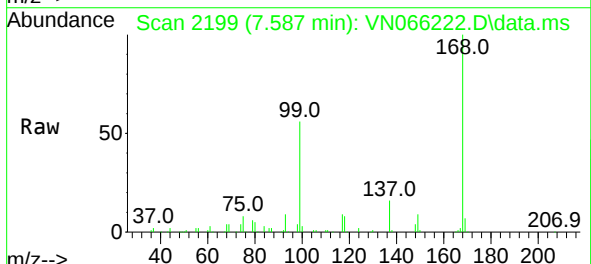
Instrument :
MSVOA_N
ClientSampleId :

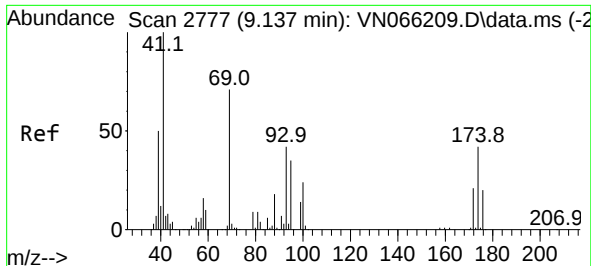
Tgt Ion: 75 Resp: 19799
Ion Ratio Lower Upper
75 100
110 5.7 16.0 48.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.105 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

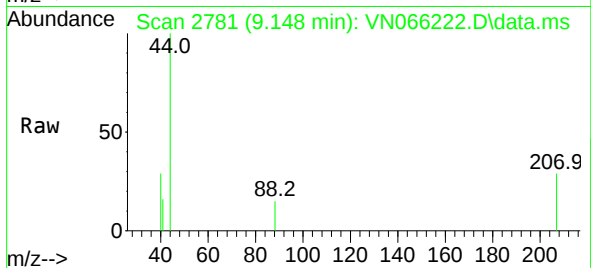
Tgt Ion: 117 Resp: 21981
Ion Ratio Lower Upper
117 100
119 5.0 74.6 111.8#
121 0.0 23.9 35.9#



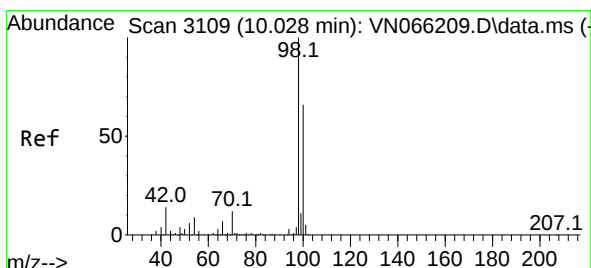
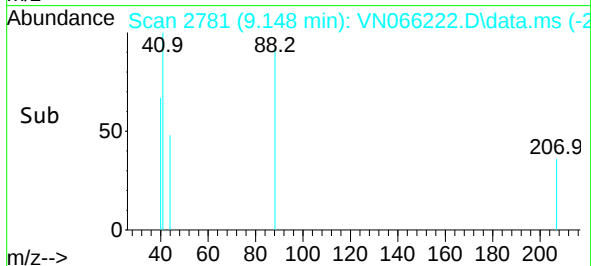
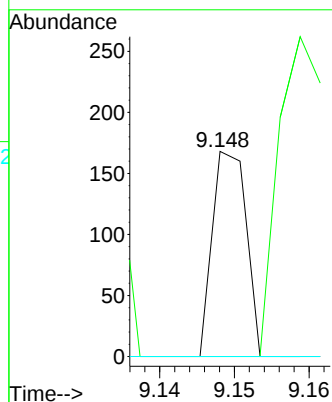


#49
1,4-Dioxane
Concen: 1.12 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.011 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Instrument :
MSVOA_N
ClientSampled :

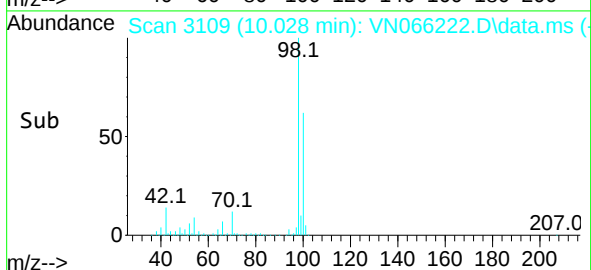
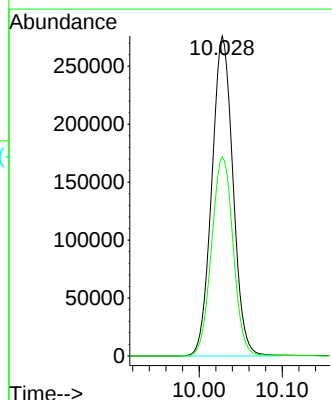
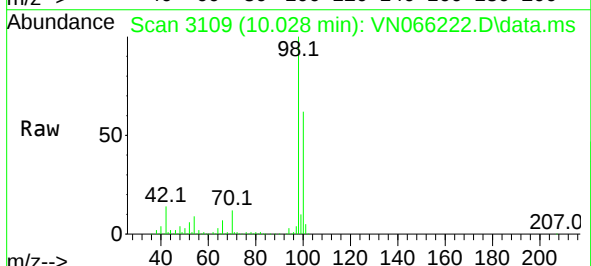


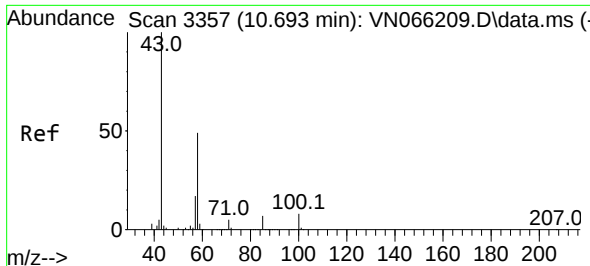
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 34.4 51.6#
58 0.0 67.3 100.9#



#50
Toluene-d8
Concen: 48.17 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 98 Resp: 488786
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6

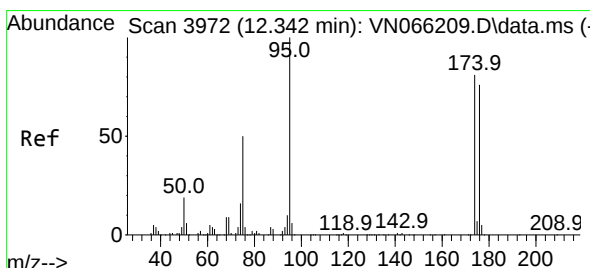
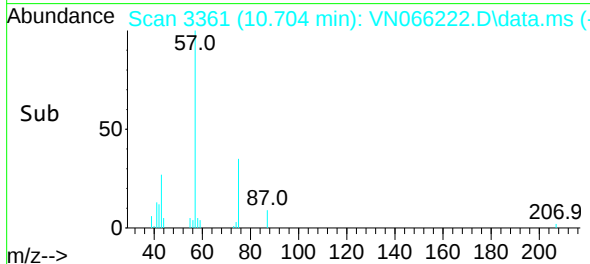
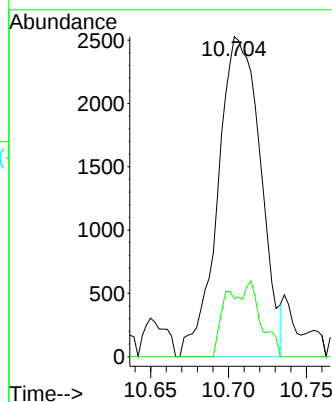
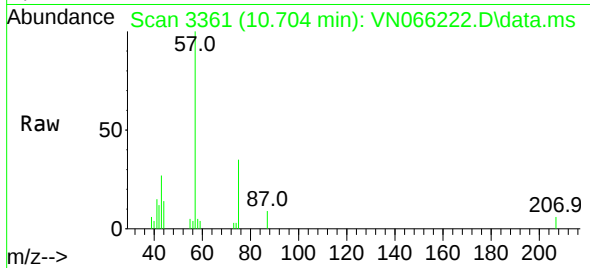




#59
2-Hexanone
Concen: 2.43 ug/l
RT: 10.704 min Scan# 3361
Delta R.T. 0.011 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

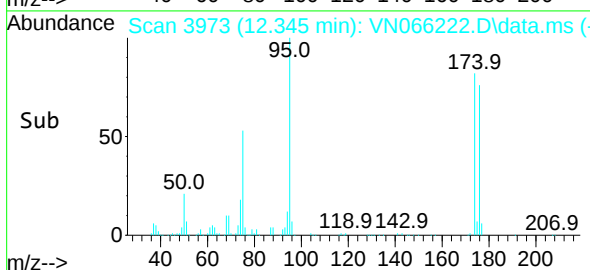
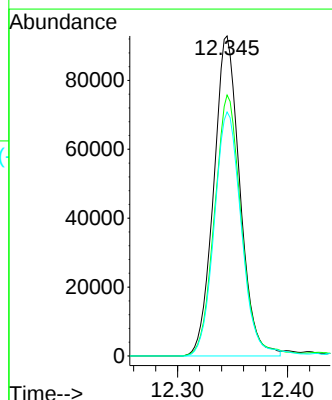
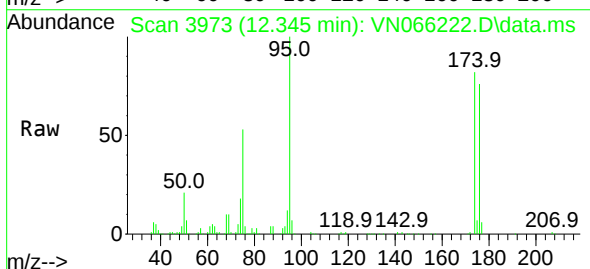
Instrument :
MSVOA_N
ClientSampled :

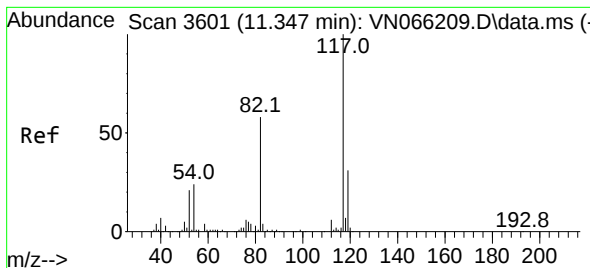
Tgt Ion: 43 Resp: 4796
Ion Ratio Lower Upper
43 100
58 6.8 23.8 71.5#



#62
4-Bromofluorobenzene
Concen: 42.02 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 95 Resp: 153703
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 79.3 0.0 156.2

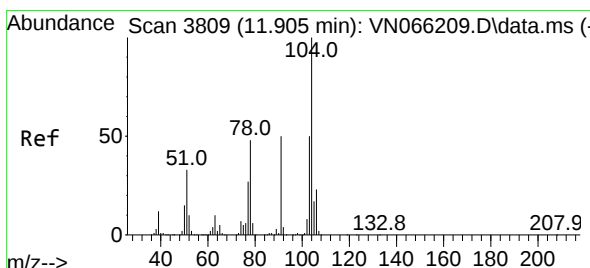
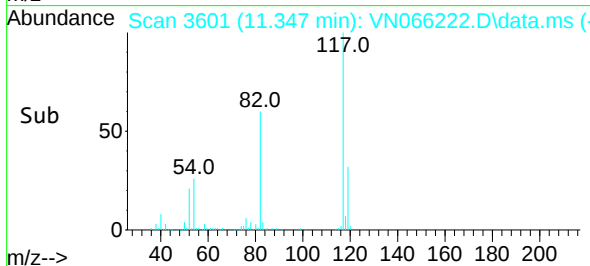
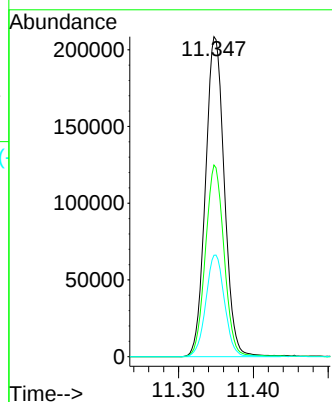
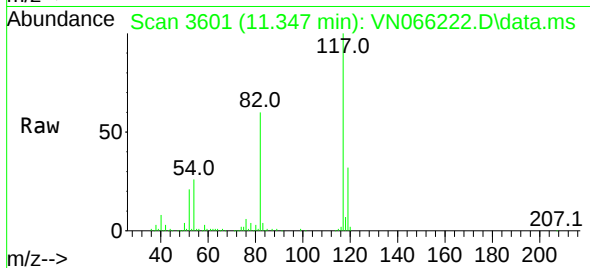




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

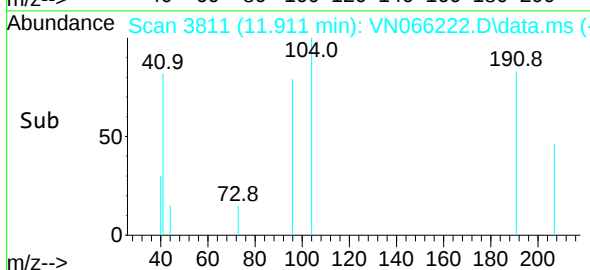
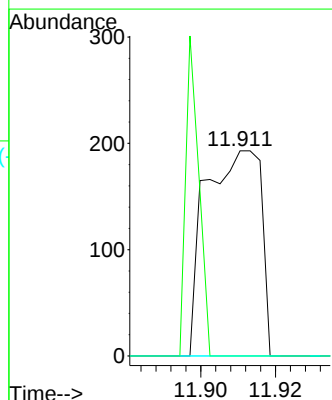
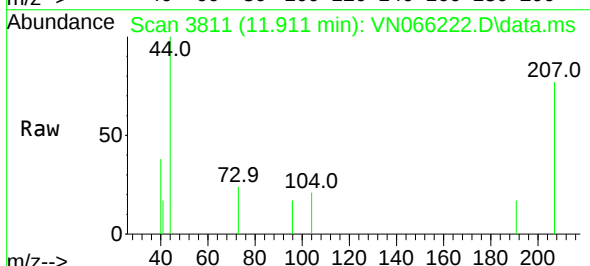
Instrument :
MSVOA_N
ClientSampleId :

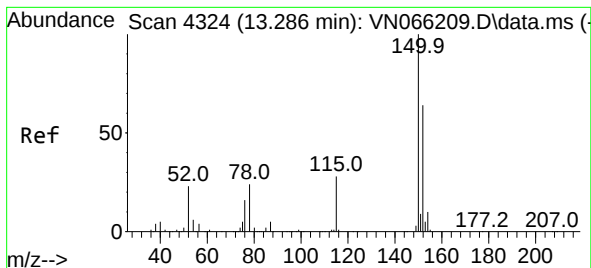
Tgt Ion:117 Resp: 366043
Ion Ratio Lower Upper
117 100
82 59.9 49.0 73.6
119 31.7 25.7 38.5



#70
Styrene
Concen: 2.17 ug/l
RT: 11.911 min Scan# 3811
Delta R.T. 0.006 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion:104 Resp: 199
Ion Ratio Lower Upper
104 100
78 36.7 43.8 65.6#
103 0.0 43.7 65.5#

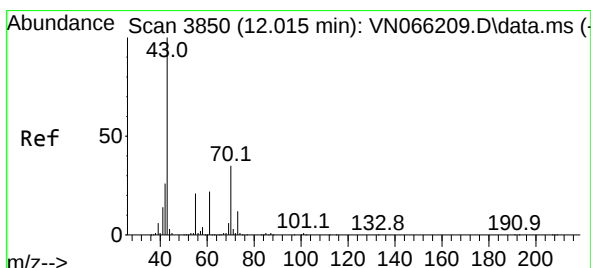
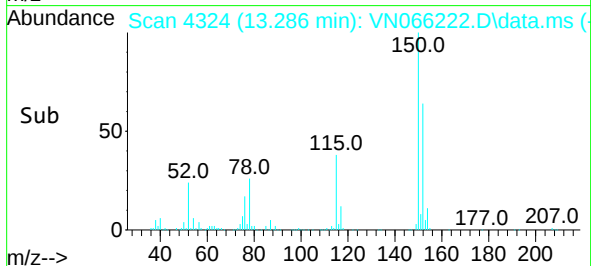
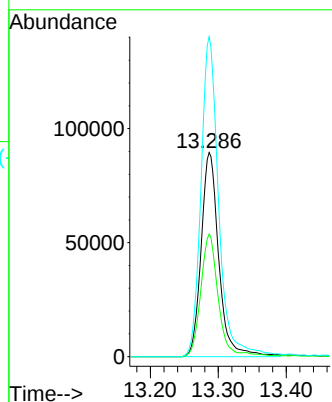
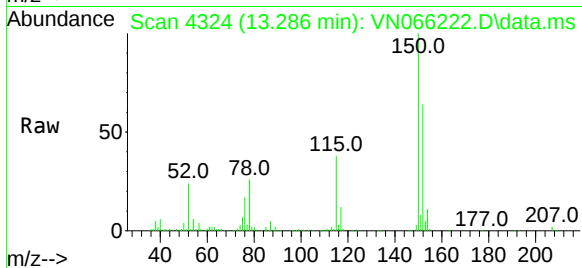




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

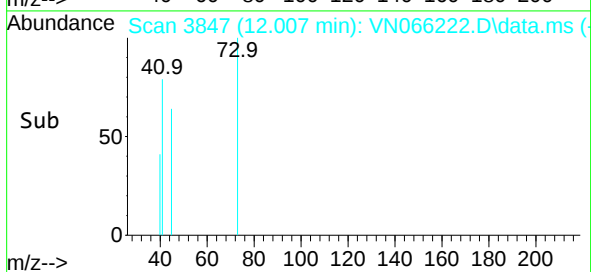
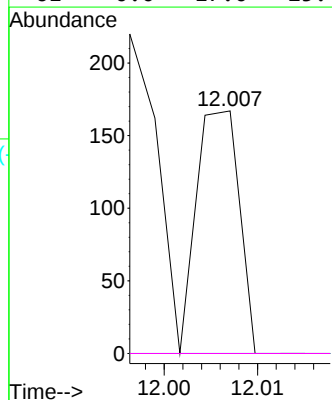
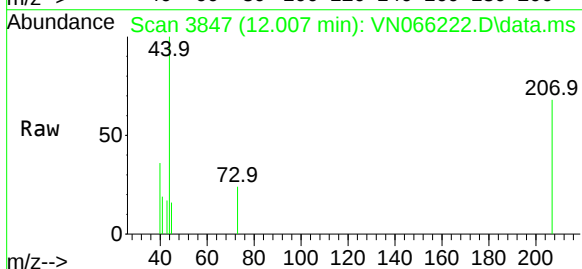
Instrument :
MSVOA_N
ClientSampleId :

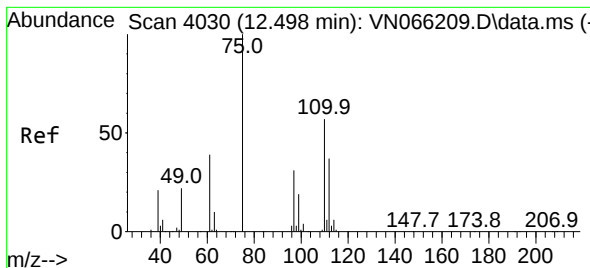
Tgt Ion:152 Resp: 161873
Ion Ratio Lower Upper
152 100
115 57.7 29.4 88.3
150 157.1 0.0 352.2



#74
N-ethyl acetate
Concen: 2.17 ug/l
RT: 12.007 min Scan# 3847
Delta R.T. -0.008 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
70 0.0 26.2 39.4#
55 0.0 17.2 25.8#
61 0.0 17.0 25.4#

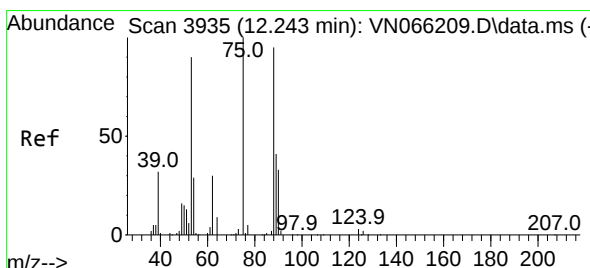
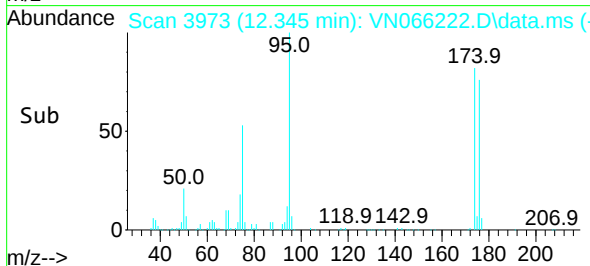
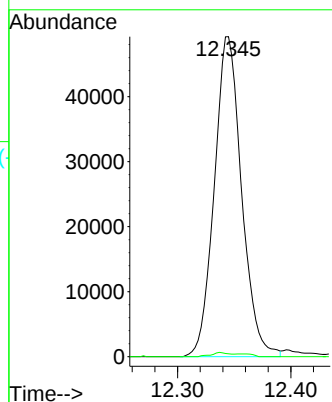
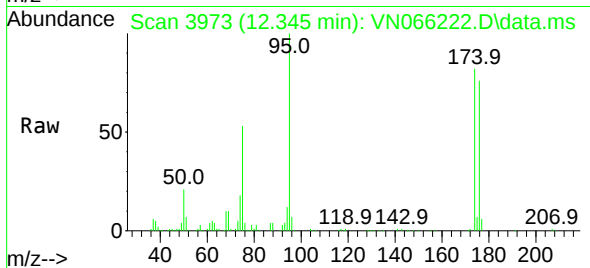




#76
1,2,3-Trichloropropane
Concen: 19.71 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

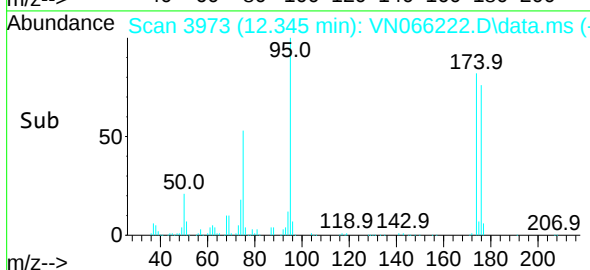
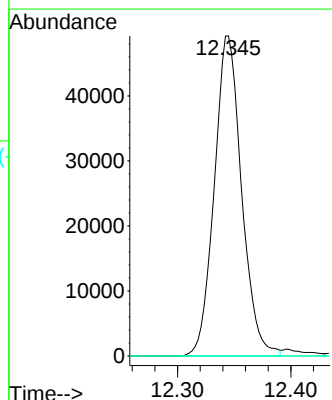
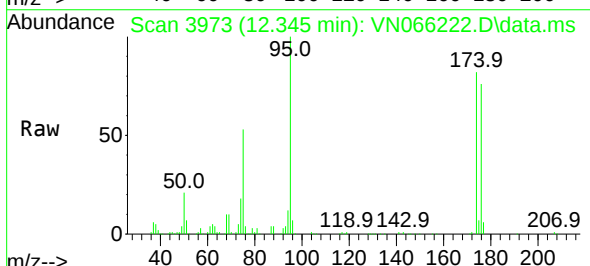
Instrument :
MSVOA_N
ClientSampled :

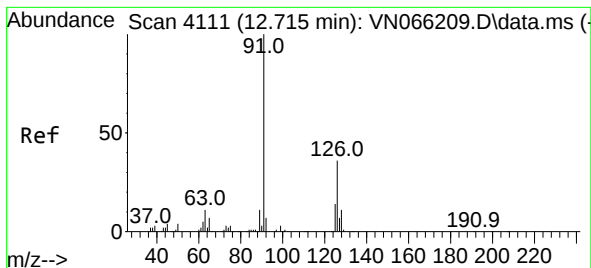
Tgt Ion: 75 Resp: 82380
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.97 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 75 Resp: 82380
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.0 33.7 50.5#

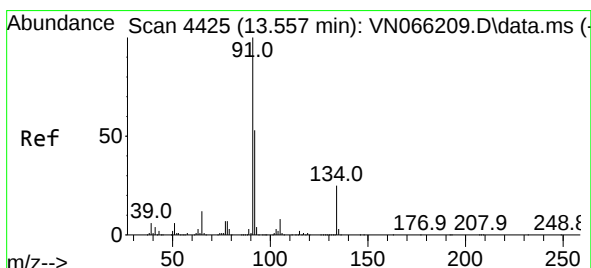
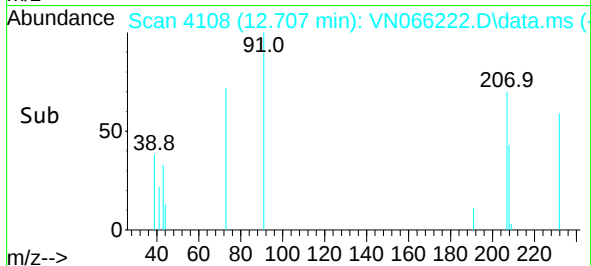
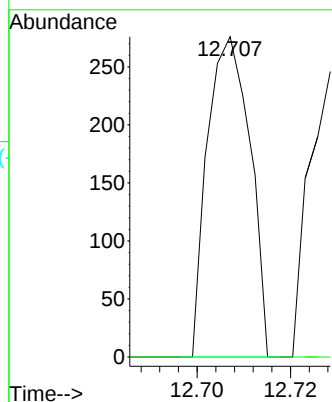
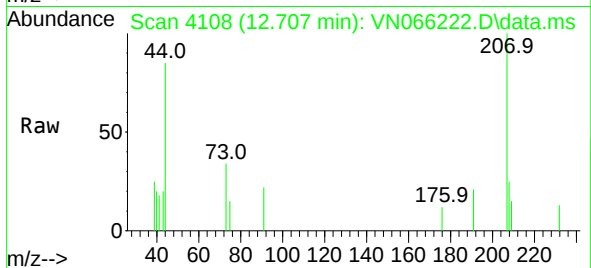




#82
4-Chlorotoluene
Concen: 0.49 ug/l
RT: 12.707 min Scan# 4108
Delta R.T. -0.008 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

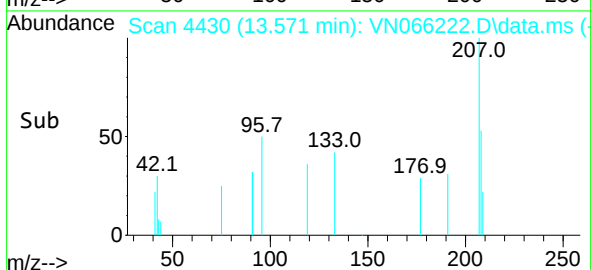
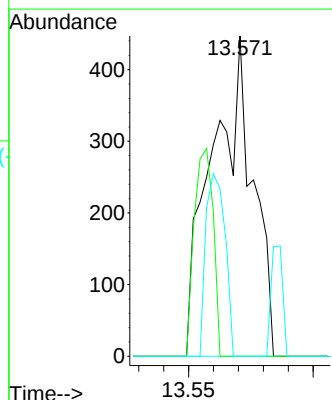
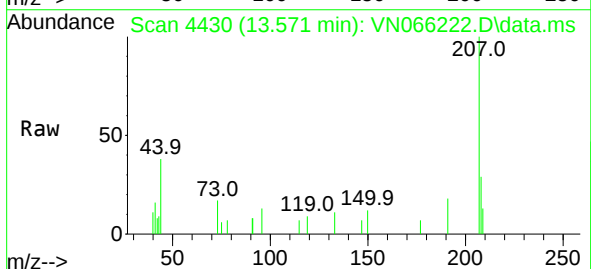
Instrument :
MSVOA_N
ClientSampled :

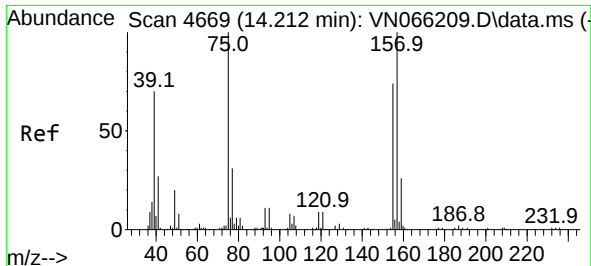
Tgt Ion: 91 Resp: 174
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#89
n-Butylbenzene
Concen: 2.29 ug/l
RT: 13.571 min Scan# 4430
Delta R.T. 0.014 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 91 Resp: 508
Ion Ratio Lower Upper
91 100
92 29.9 25.7 77.0
134 26.8 11.8 35.4

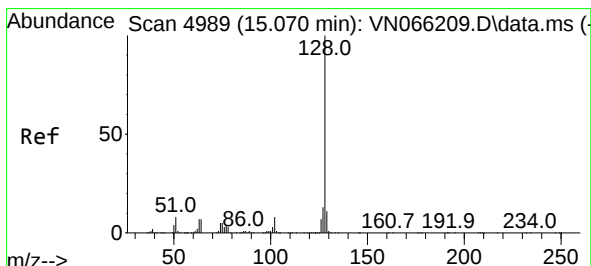
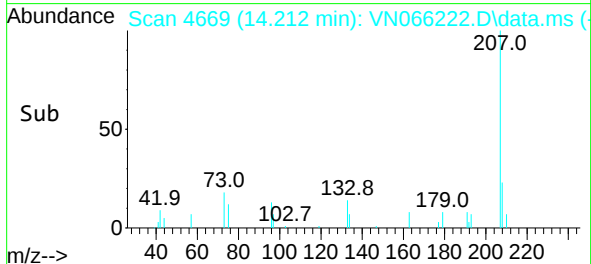
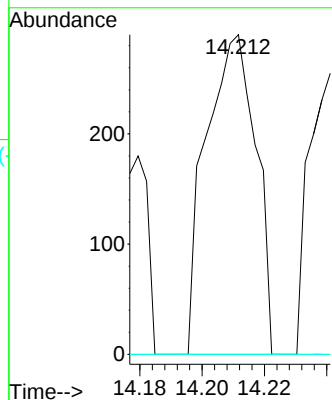
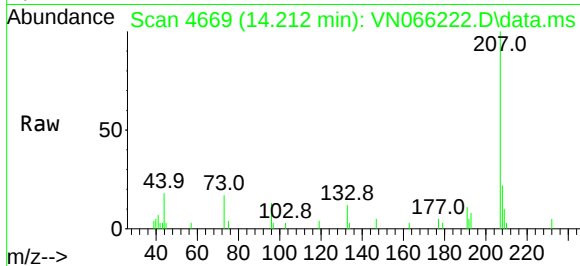




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.19 ug/l
RT: 14.212 min Scan# 4669
Delta R.T. -0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#



#95
Naphthalene
Concen: 0.25 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066222.D
Acq: 16 Mar 2021 19:48

Tgt Ion: 128 Resp: 2344
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 7.0 8.4 12.6#

