

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066223.D
 Acq On : 16 Mar 2021 20:11
 Operator : JC/MD
 Sample : M1687-33 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 17 05:25:28 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	251071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	417097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	374257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	164631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	203444	56.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.48%
35) Dibromofluoromethane	7.509	113	135937	51.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.18%
50) Toluene-d8	10.028	98	484931	47.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.26%
62) 4-Bromofluorobenzene	12.345	95	157143	42.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.74%

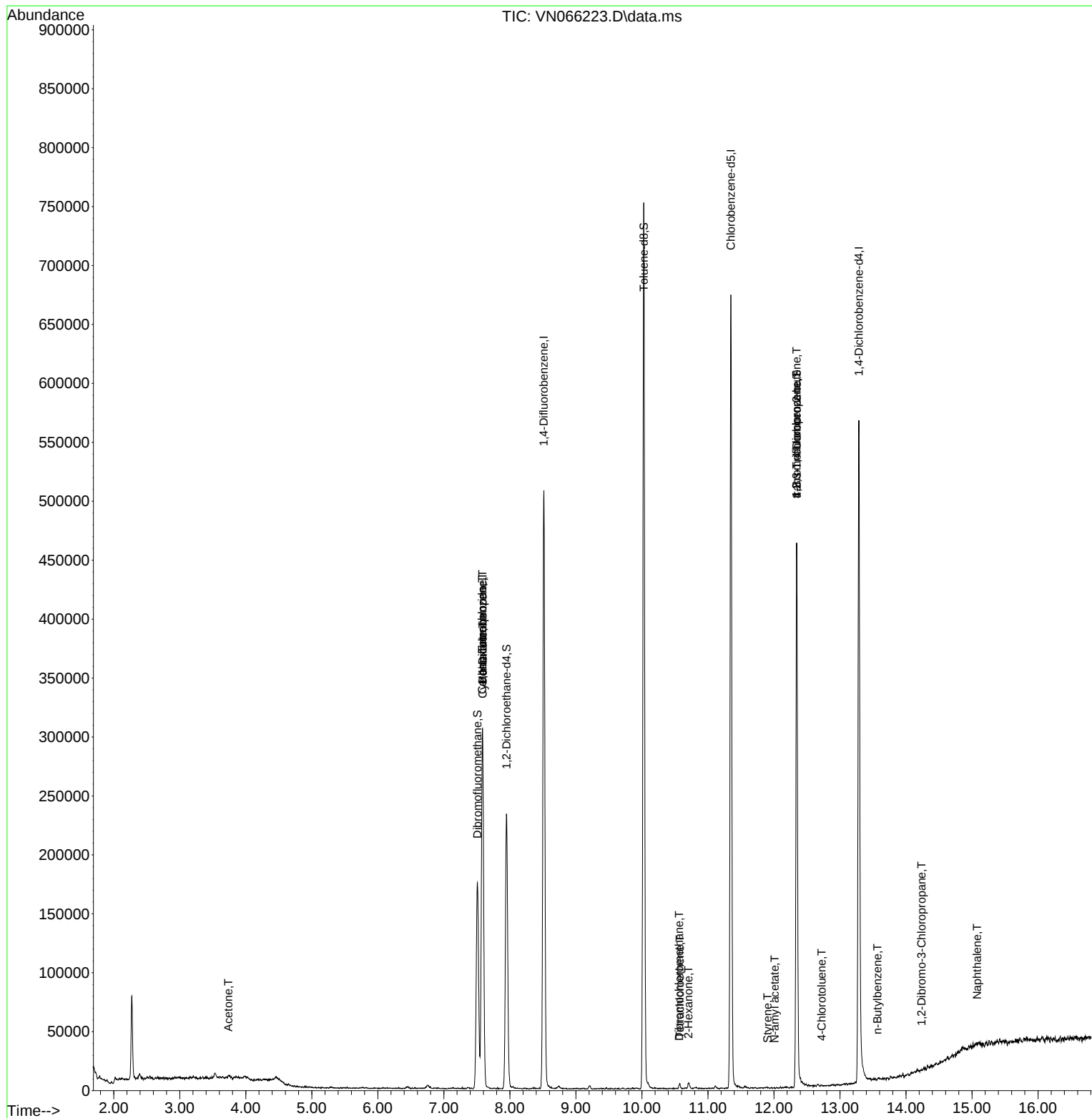
Target Compounds					Qvalue
13) Acrolein	3.535	56	4094	Below Cal	91
16) Acetone	3.736	43	1852	1.07 ug/l	90
31) Cyclohexane	7.590	56	5457	1.01 ug/l #	1
36) 1,1-Dichloropropene	7.585	75	19693	4.66 ug/l #	51
38) Carbon Tetrachloride	7.582	117	22721	6.00 ug/l #	17
59) 2-Hexanone	10.706	43	1470	1.67 ug/l #	45
60) Dibromochloromethane	10.564	129	858	0.27 ug/l #	10
64) Tetrachloroethene	10.575	164	758	0.24 ug/l #	82
70) Styrene	11.903	104	150	2.17 ug/l #	50
74) N-amyl acetate	12.012	43	29	2.16 ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	81509	19.17 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	81509	57.37 ug/l #	11
82) 4-Chlorotoluene	12.723	91	242	0.50 ug/l #	43
89) n-Butylbenzene	13.568	91	369	2.28 ug/l #	51
92) 1,2-Dibromo-3-Chloropr...	14.236	75	387	1.26 ug/l #	8
95) Naphthalene	15.078	128	2082	0.22 ug/l #	77

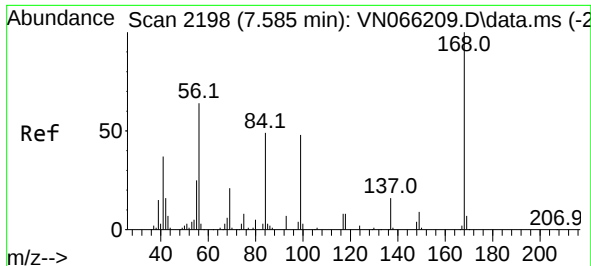
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 17 05:05:15 2021
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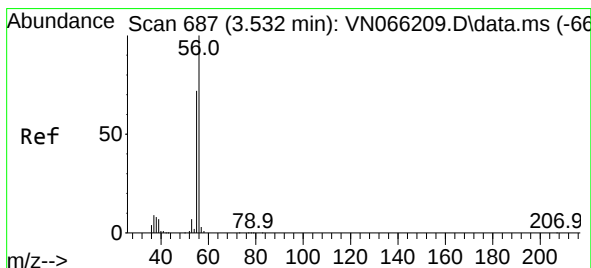
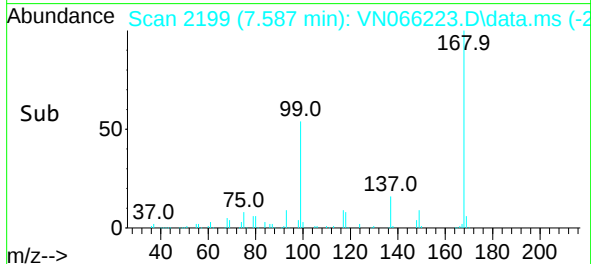
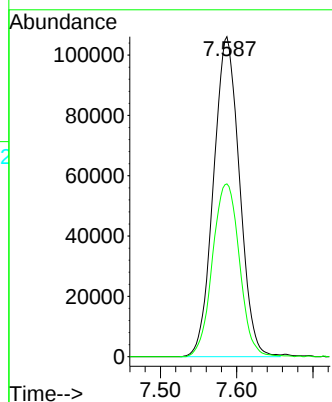
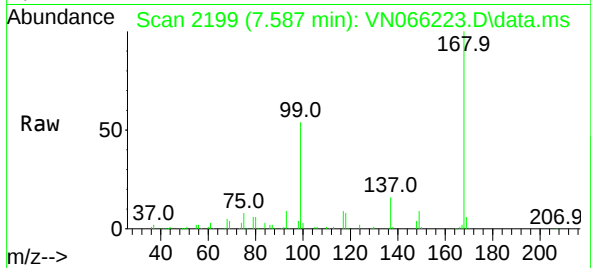




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

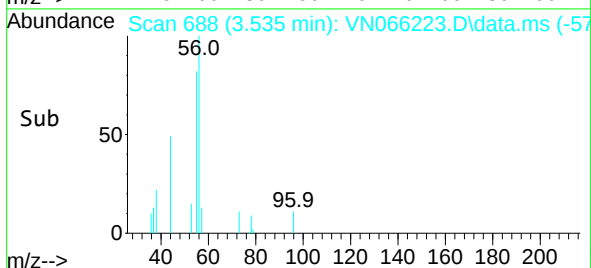
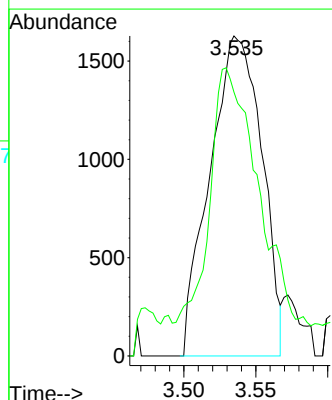
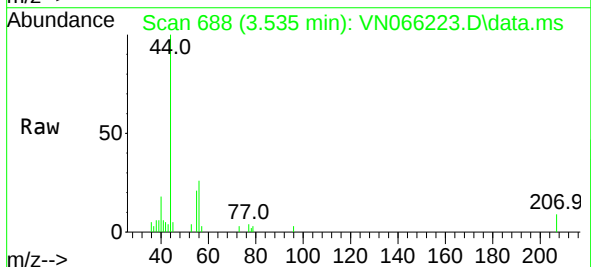
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MSVOA_N
ClientSampleId :

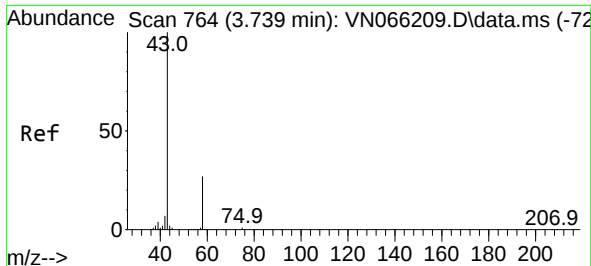
Tgt Ion:168 Resp: 251071
Ion Ratio Lower Upper
168 100
99 54.0 45.4 68.0



#13
Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. 0.003 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

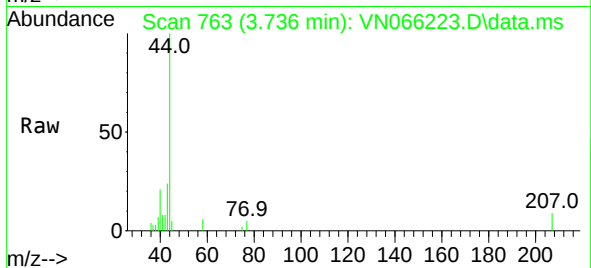
Tgt Ion: 56 Resp: 4094
Ion Ratio Lower Upper
56 100
55 80.3 58.0 87.0



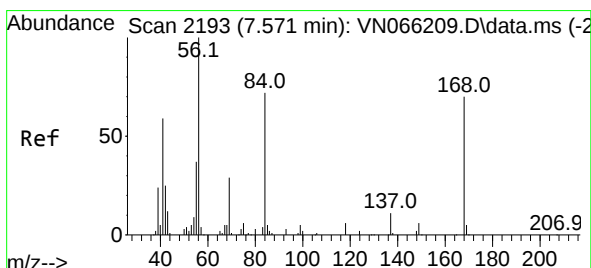
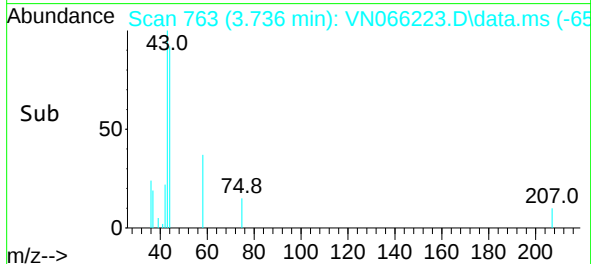
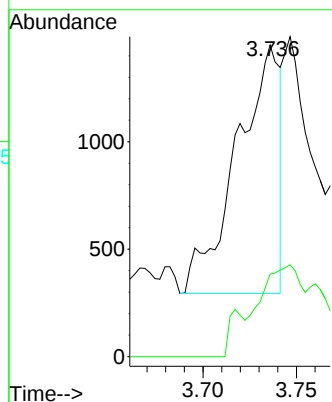


#16
Acetone
Concen: 1.07 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Instrument :
MSVOA_N
ClientSampled :

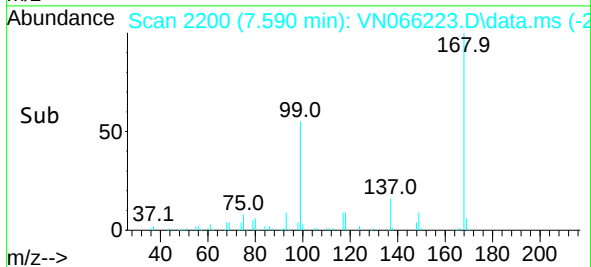
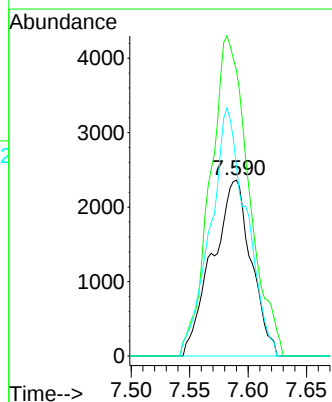
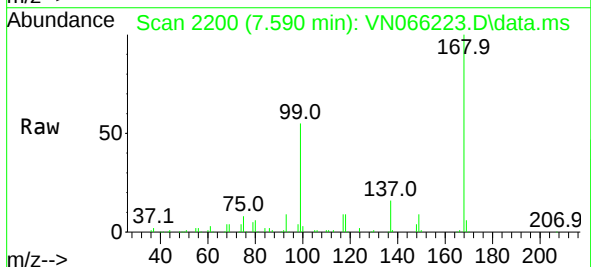


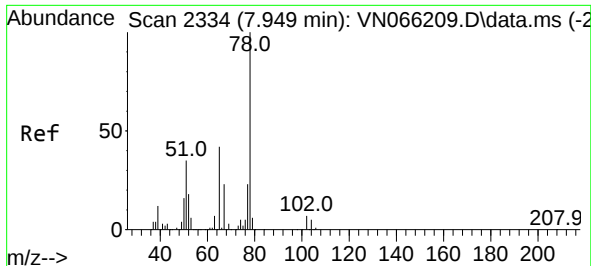
Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
58 33.2 22.3 33.5



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. 0.019 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 56 Resp: 5457
Ion Ratio Lower Upper
56 100
69 162.8 23.4 35.0#
84 108.5 57.8 86.6#

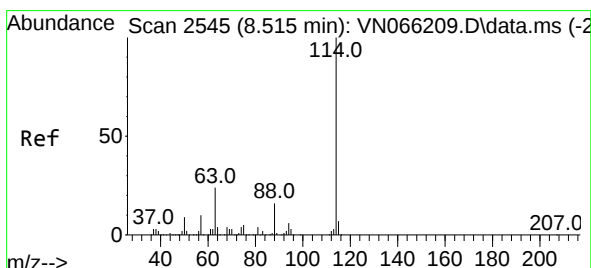
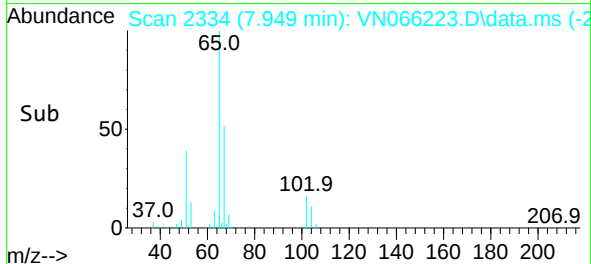
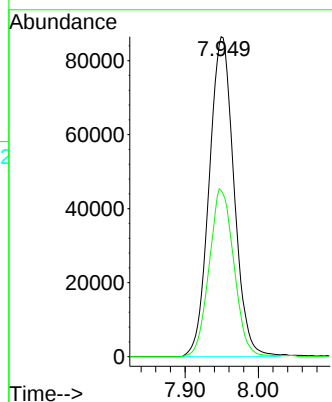
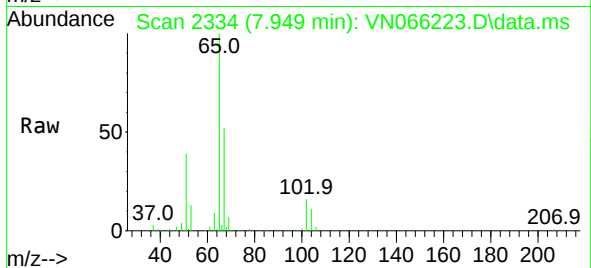




#33
 1,2-Dichloroethane-d4
 Concen: 56.24 ug/l
 RT: 7.949 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: VN066223.D
 Acq: 16 Mar 2021 20:11

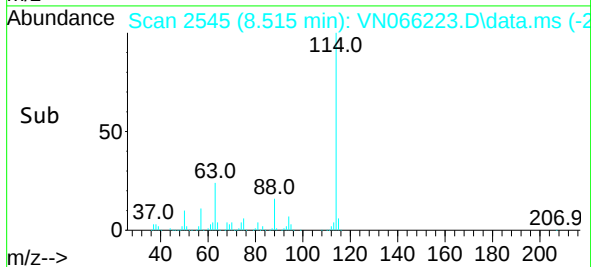
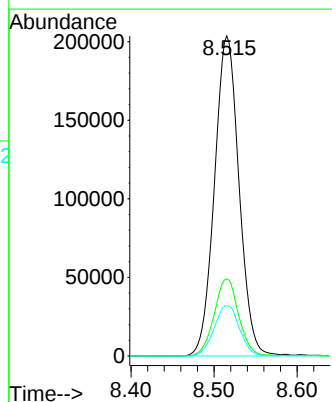
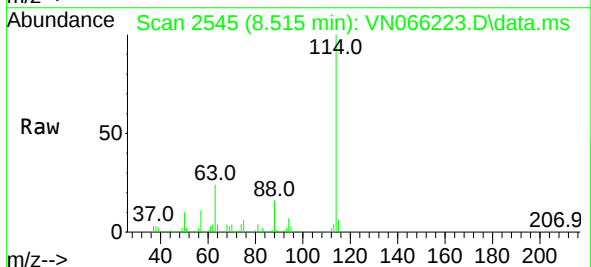
Instrument :
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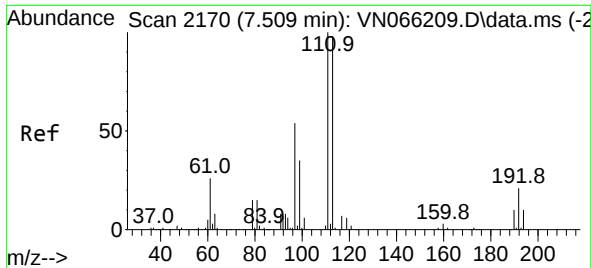
Tgt Ion: 65 Resp: 203444
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066223.D
 Acq: 16 Mar 2021 20:11

Tgt Ion: 114 Resp: 417097
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 15.7 0.0 33.8

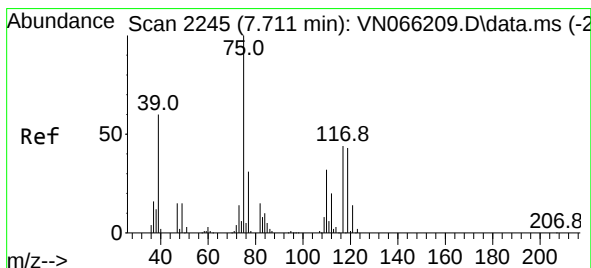
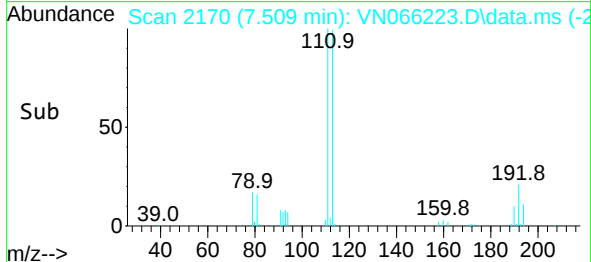
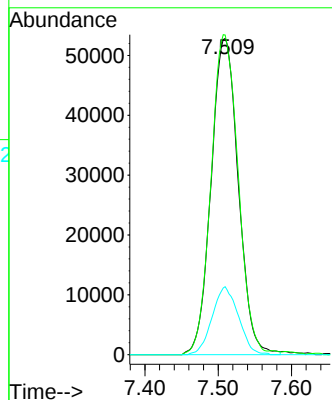
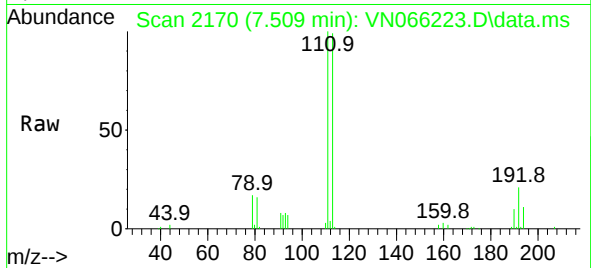




#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

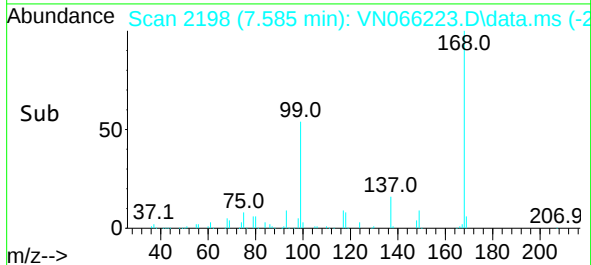
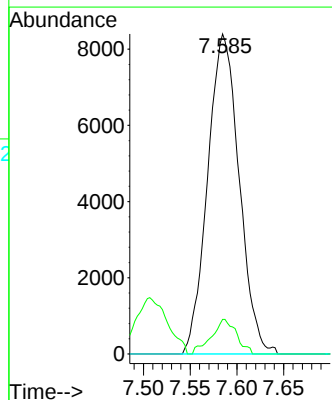
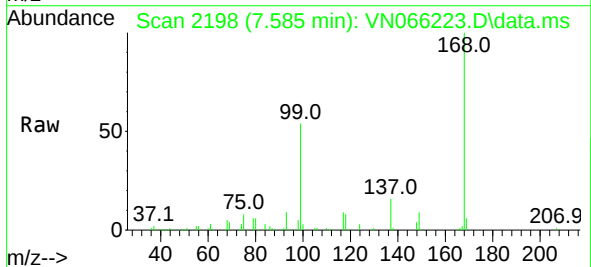
Instrument :
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ClientSampled :

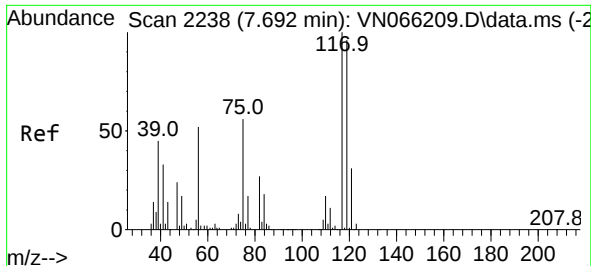
Tgt Ion:113 Resp: 135937
Ion Ratio Lower Upper
113 100
111 100.8 84.0 126.0
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

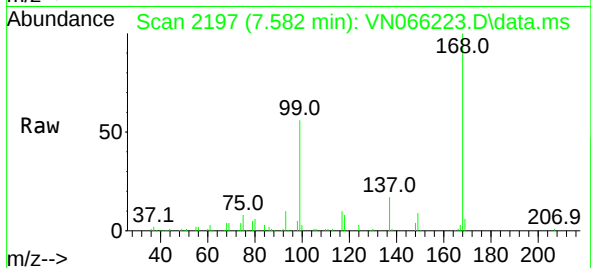
Tgt Ion: 75 Resp: 19693
Ion Ratio Lower Upper
75 100
110 8.6 16.0 48.0#
77 0.0 24.9 37.3#



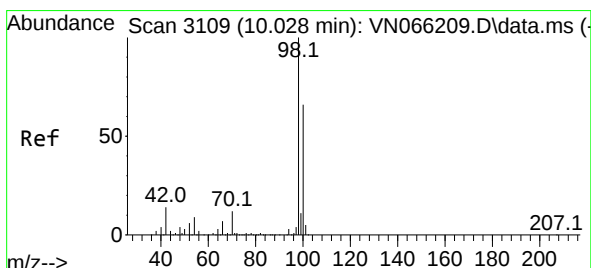
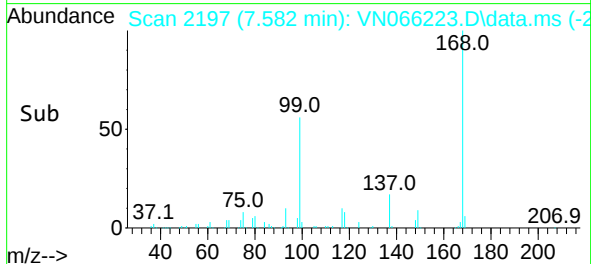
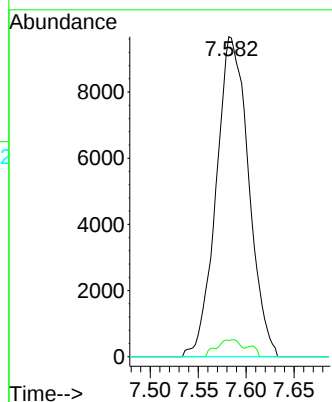


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Instrument :
MSVOA_N
ClientSampled :

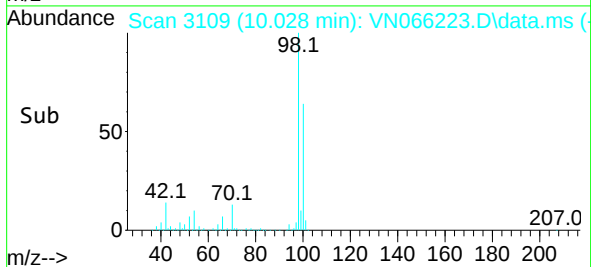
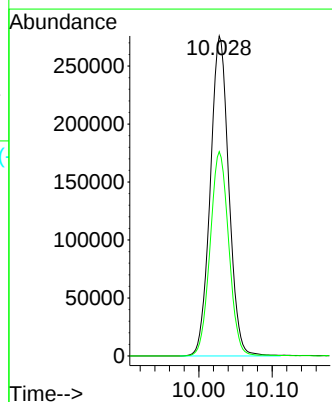
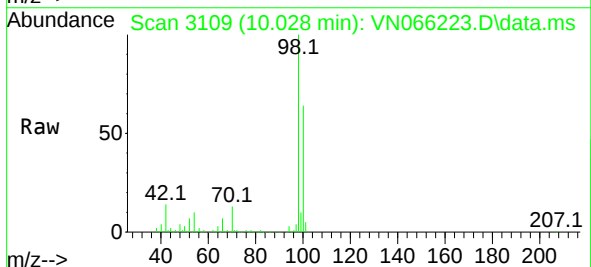


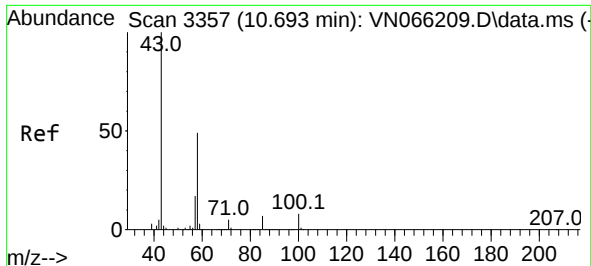
Tgt Ion:117 Resp: 22721
Ion Ratio Lower Upper
117 100
119 5.1 74.6 111.8#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.13 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 98 Resp: 484931
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

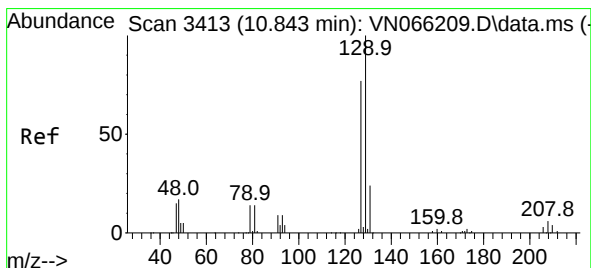
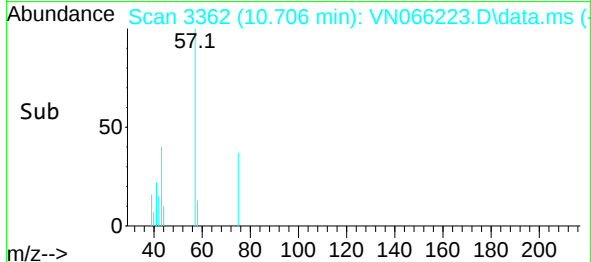
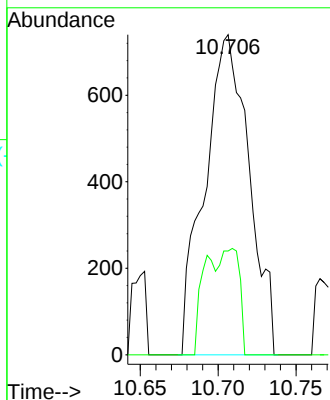
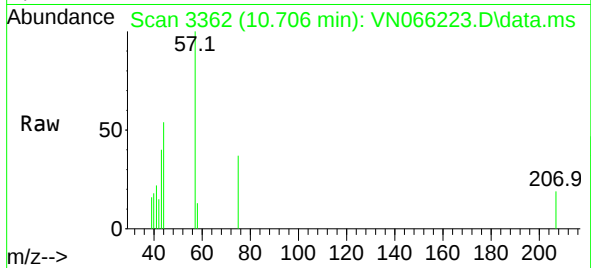




#59
2-Hexanone
Concen: 1.67 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

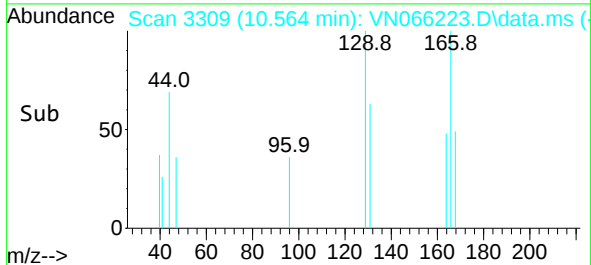
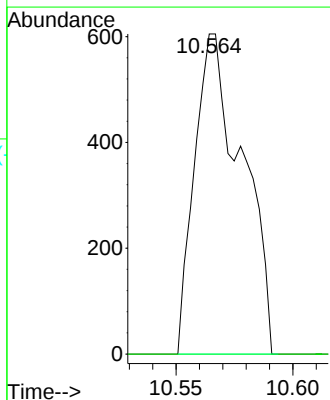
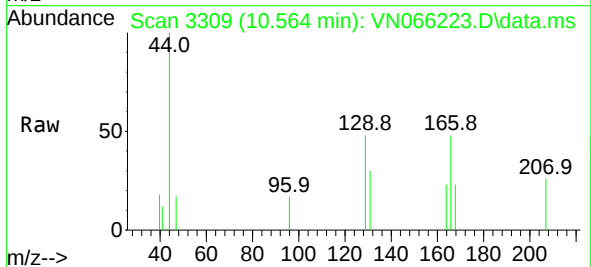
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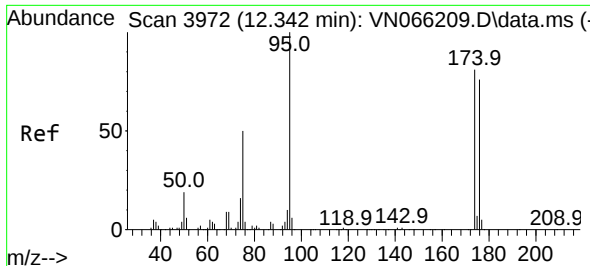
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 10.8 23.8 71.5#



#60
Dibromochloromethane
Concen: 0.27 ug/l
RT: 10.564 min Scan# 3309
Delta R.T. -0.279 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 129 Resp: 858
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

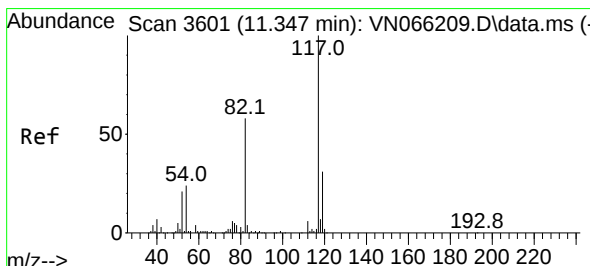
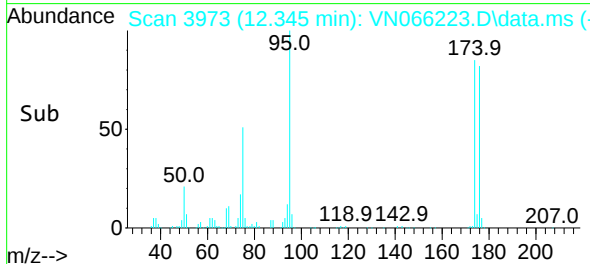
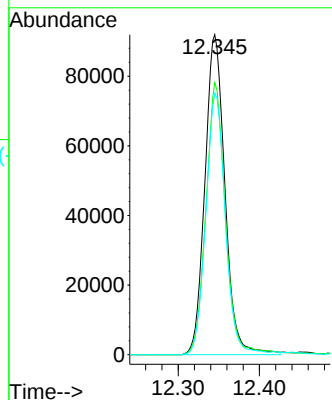
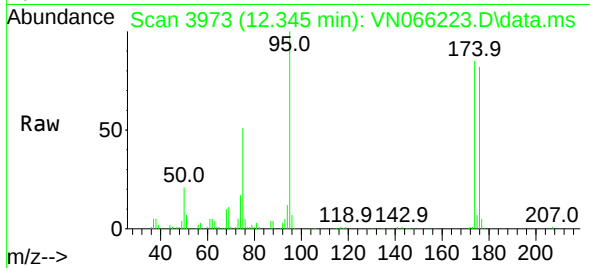




#62
4-Bromofluorobenzene
Concen: 42.37 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

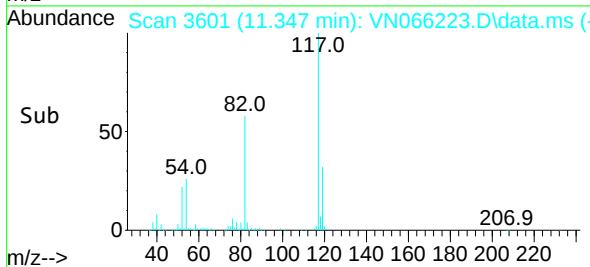
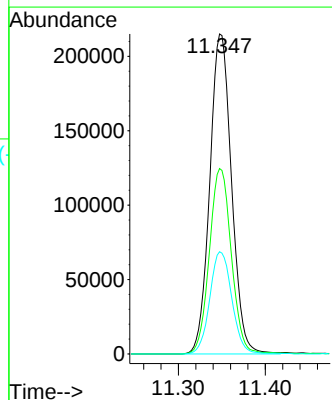
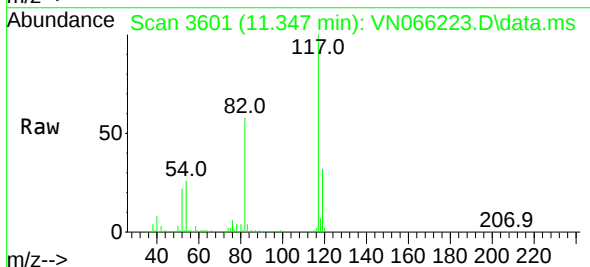
Instrument :
MSVOA_N
ClientSampleId :

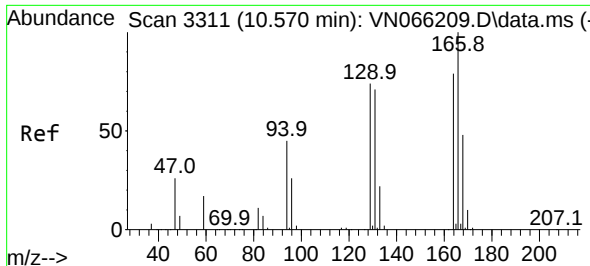
Tgt Ion: 95 Resp: 157143
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 79.4 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

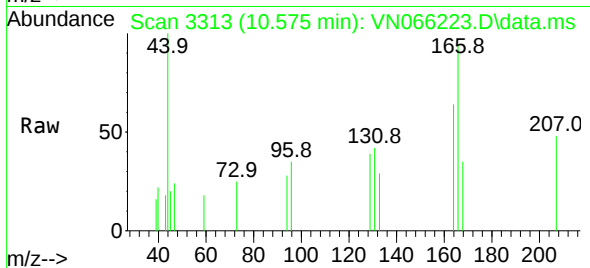
Tgt Ion: 117 Resp: 374257
Ion Ratio Lower Upper
117 100
82 58.0 49.0 73.6
119 31.9 25.7 38.5



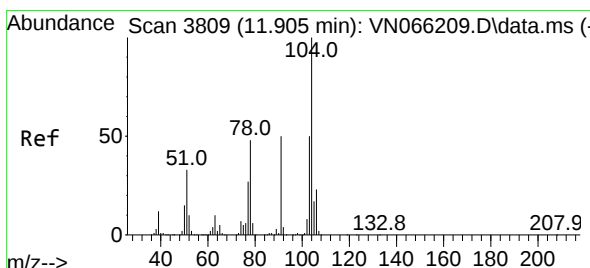
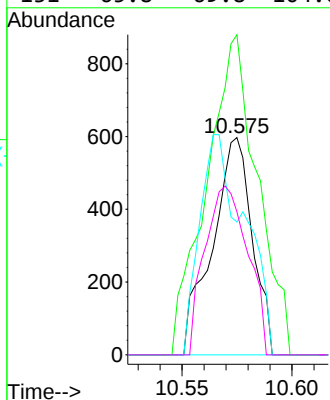
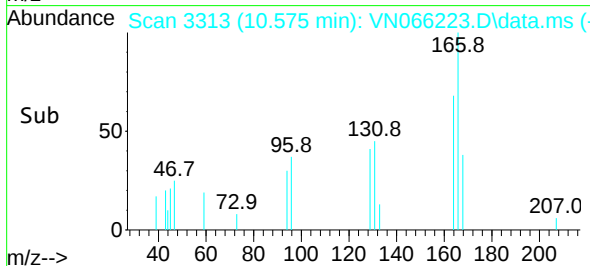


#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 10.575 min Scan# 3313
Delta R.T. 0.005 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

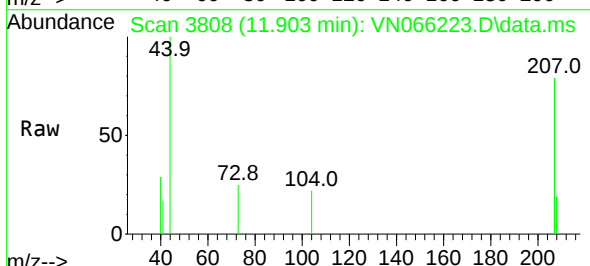
Instrument :
MSVOA_N
ClientSampleId :



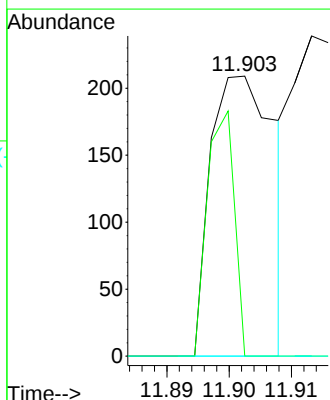
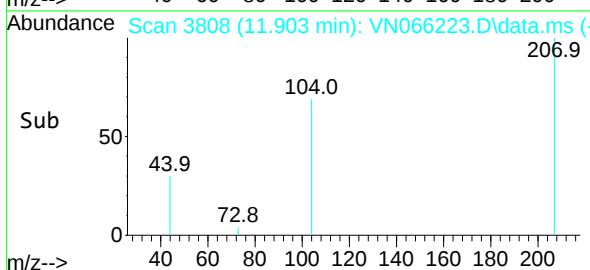
Tgt Ion:164 Resp: 758
Ion Ratio Lower Upper
164 100
166 119.9 98.9 148.3
129 61.1 73.2 109.8#
131 65.8 69.8 104.6#

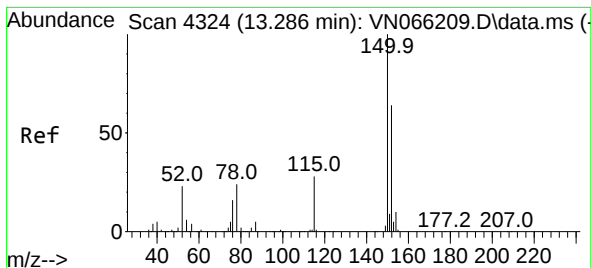


#70
Styrene
Concen: 2.17 ug/l
RT: 11.903 min Scan# 3808
Delta R.T. -0.002 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11



Tgt Ion:104 Resp: 150
Ion Ratio Lower Upper
104 100
78 36.7 43.8 65.6#
103 0.0 43.7 65.5#

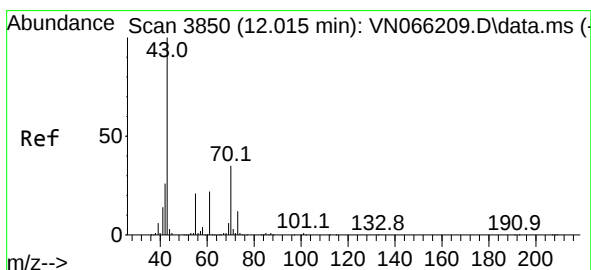
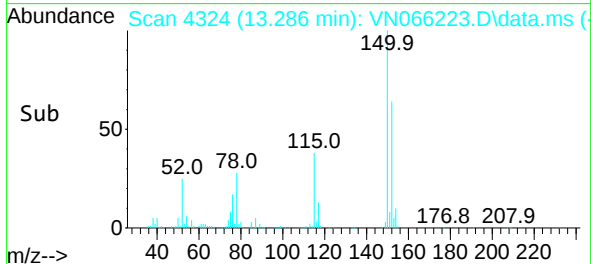
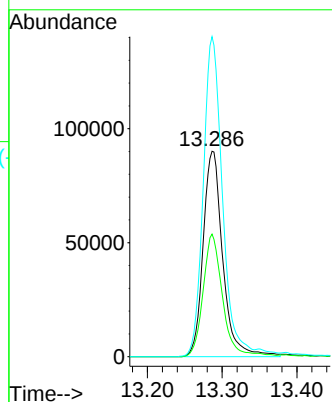
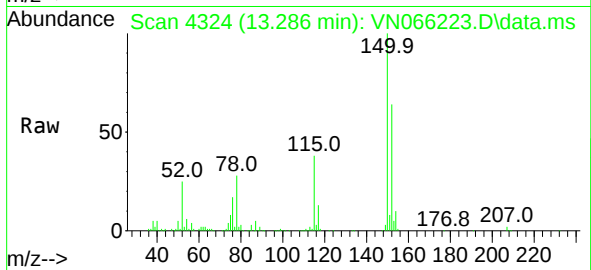




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

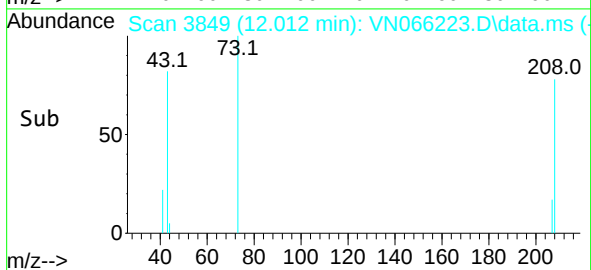
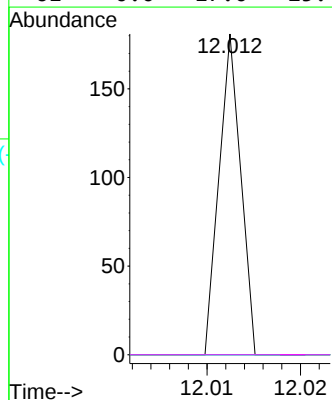
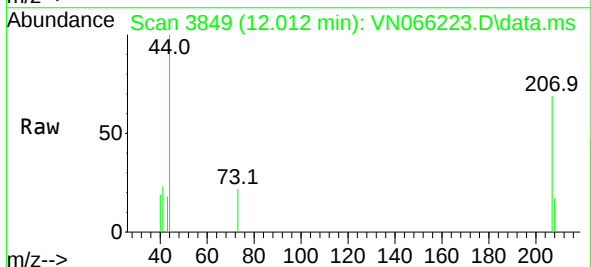
Instrument :
MSVOA_N
ClientSampleId :

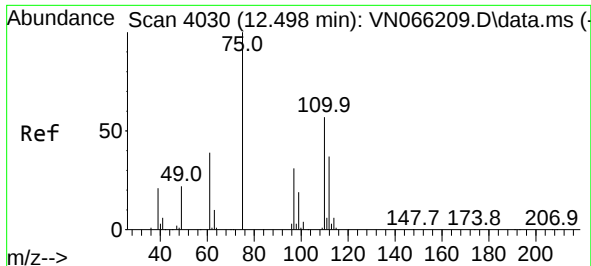
Tgt Ion:152 Resp: 164631
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 151.4 0.0 352.2



#74
N-ethyl acetate
Concen: 2.16 ug/l
RT: 12.012 min Scan# 3849
Delta R.T. -0.003 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 43 Resp: 29
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#

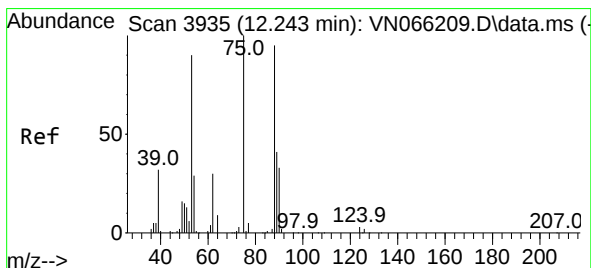
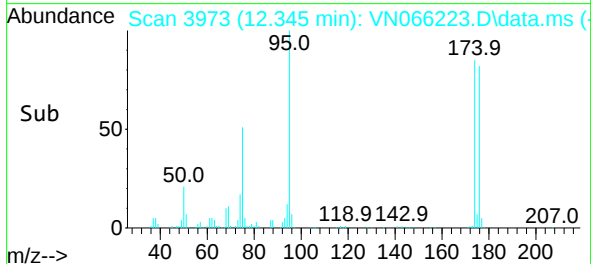
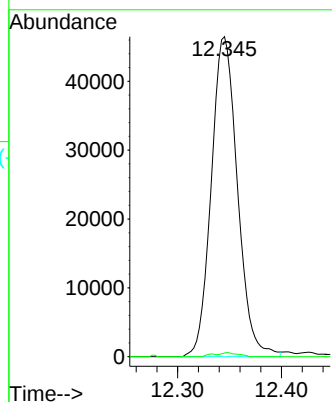
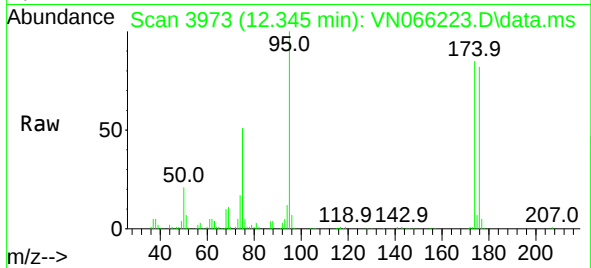




#76
1,2,3-Trichloropropane
Concen: 19.17 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

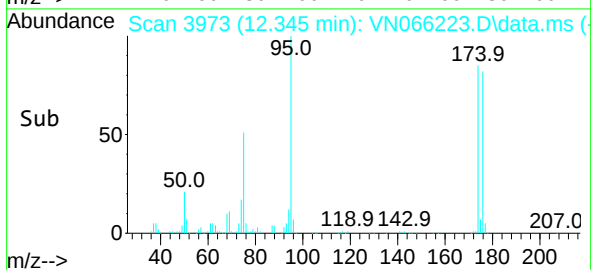
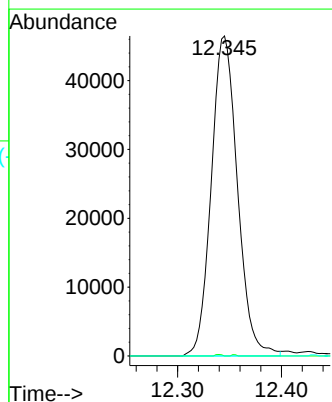
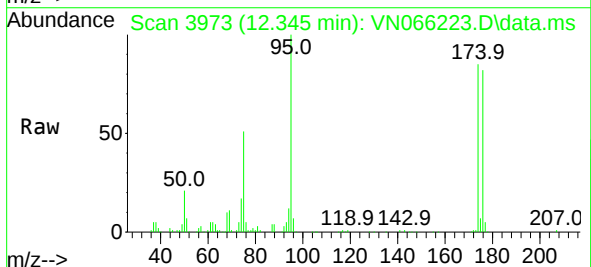
Instrument :
MSVOA_N
ClientSampleId :

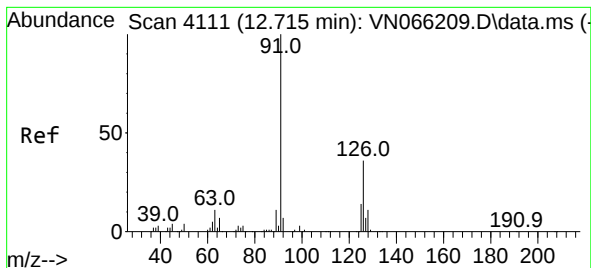
Tgt Ion: 75 Resp: 81509
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.37 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 75 Resp: 81509
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.6#
89 0.0 33.7 50.5#

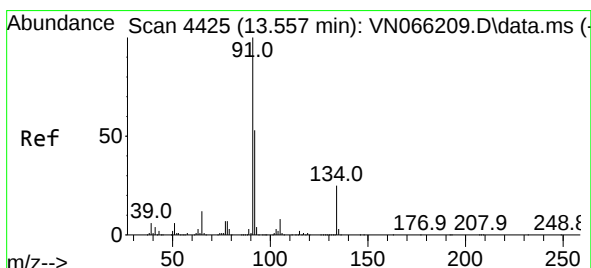
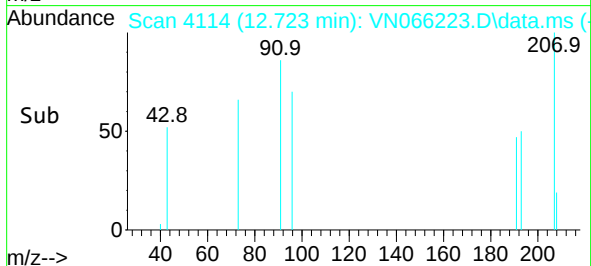
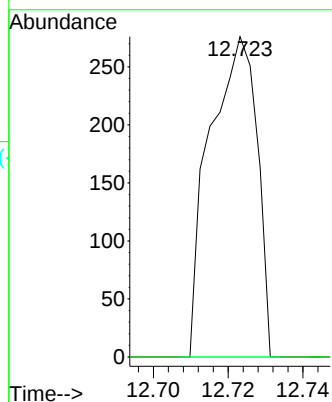
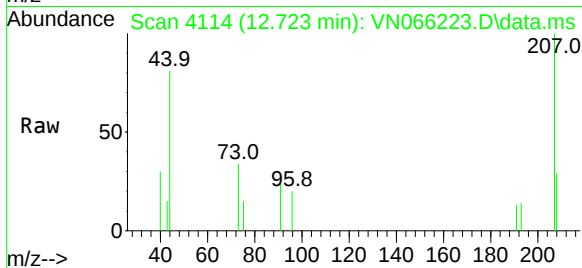




#82
4-Chlorotoluene
Concen: 0.50 ug/l
RT: 12.723 min Scan# 4114
Delta R.T. 0.008 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

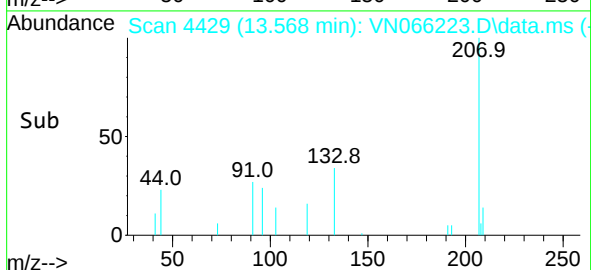
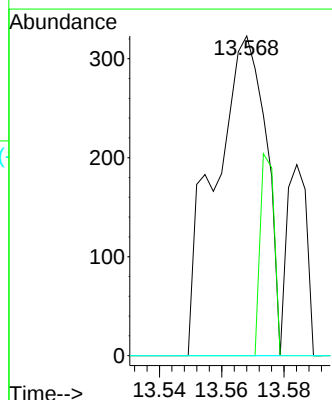
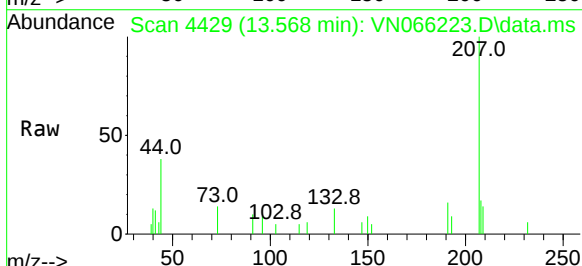
Instrument :
MSVOA_N
ClientSampled :

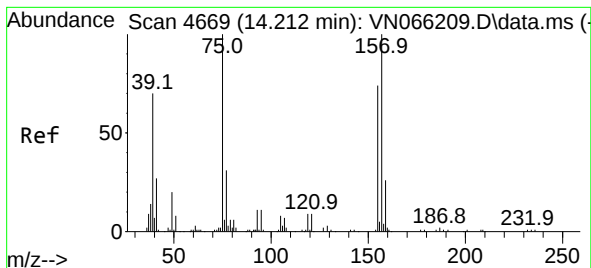
Tgt Ion: 91 Resp: 242
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#89
n-Butylbenzene
Concen: 2.28 ug/l
RT: 13.568 min Scan# 4429
Delta R.T. 0.011 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 91 Resp: 369
Ion Ratio Lower Upper
91 100
92 17.1 25.7 77.0#
134 0.0 11.8 35.4#

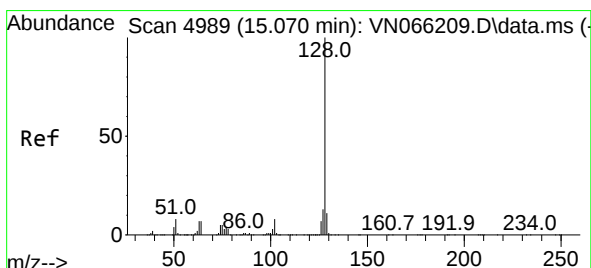
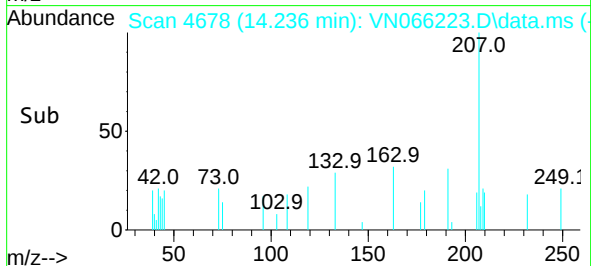
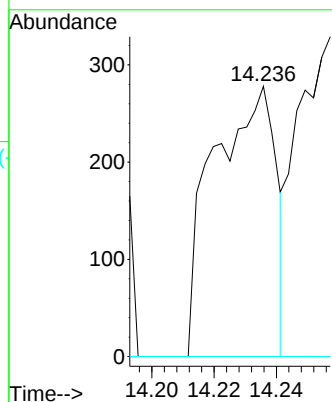
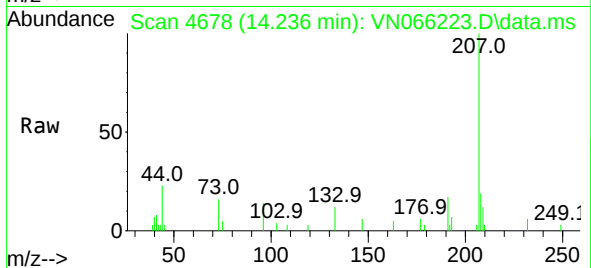




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.26 ug/l
RT: 14.236 min Scan# 4678
Delta R.T. 0.024 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 387
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#



#95
Naphthalene
Concen: 0.22 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 128 Resp: 2082
Ion Ratio Lower Upper
128 100
127 4.1 10.3 15.5#
129 1.2 8.4 12.6#

