

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066156.D
 Acq On : 9 Mar 2021 15:37
 Operator : JC/MD
 Sample : VN0309WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 10 02:56:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

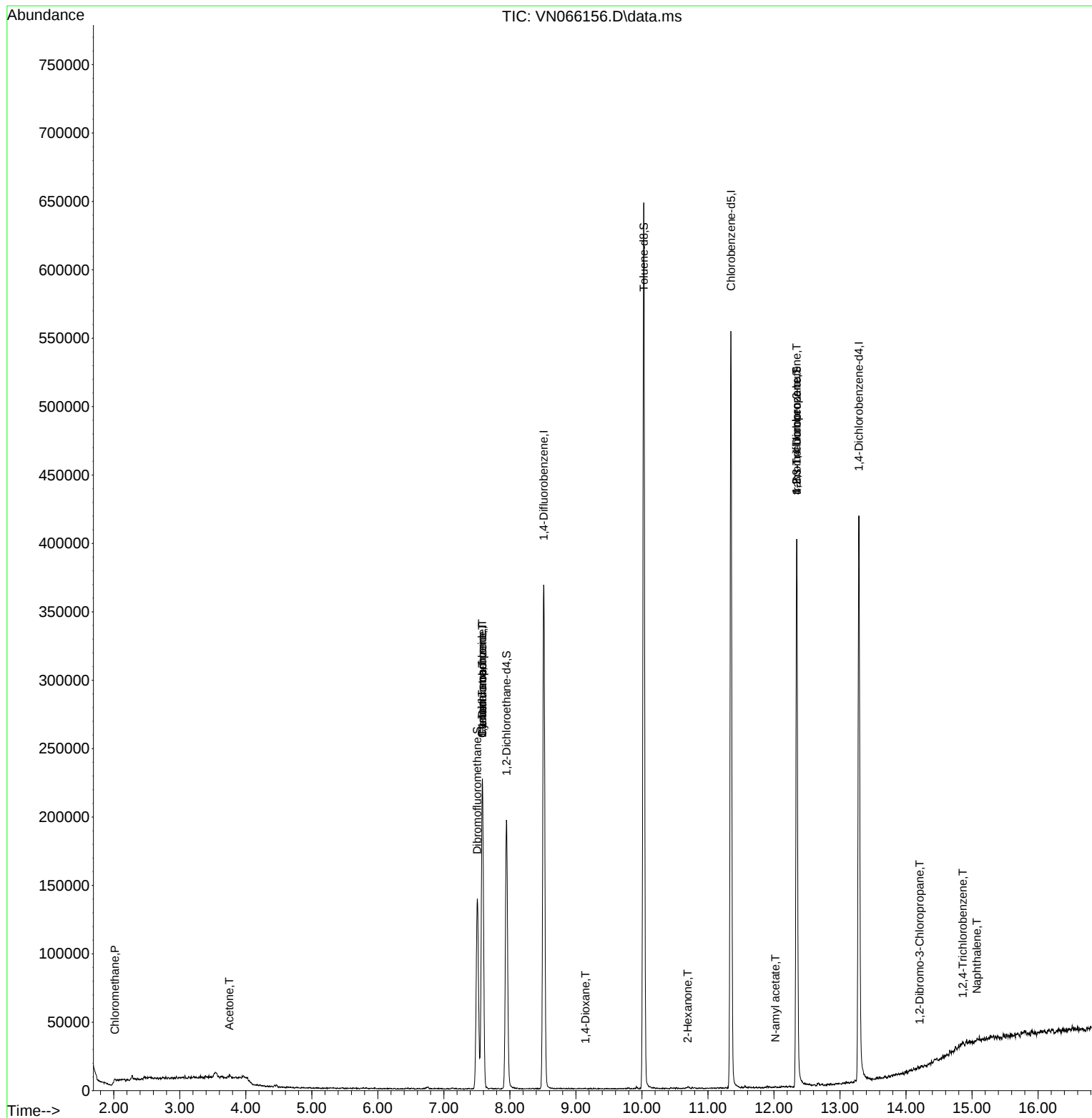
Internal Standards						
1) Pentafluorobenzene	7.585	168	172494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	300564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	287639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	110860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	169593	52.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.20%
35) Dibromofluoromethane	7.507	113	107286	52.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.64%
50) Toluene-d8	10.028	98	412722	51.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.32%
62) 4-Bromofluorobenzene	12.345	95	146142	48.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.32%
Target Compounds						
					Qvalue	
3) Chloromethane	2.017	50	1497	0.38	ug/l #	77
16) Acetone	3.752	43	1876	1.14	ug/l	90
31) Cyclohexane	7.582	56	4683	1.00	ug/l #	16
36) 1,1-Dichloropropene	7.582	75	16015	4.69	ug/l #	45
38) Carbon Tetrachloride	7.582	117	17557	5.90	ug/l #	17
49) 1,4-Dioxane	9.145	88	24	0.63	ug/l #	1
59) 2-Hexanone	10.693	43	1314	0.36	ug/l #	39
74) N-amyl acetate	12.020	43	101	2.99	ug/l #	42
76) 1,2,3-Trichloropropane	12.345	75	78633	23.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	78633	73.89	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.206	75	432	0.55	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.861	180	245	2.30	ug/l	65
95) Naphthalene	15.075	128	1608	0.24	ug/l #	75

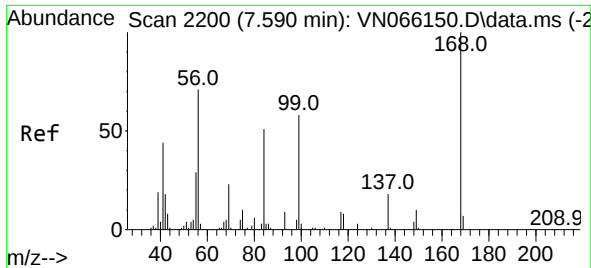
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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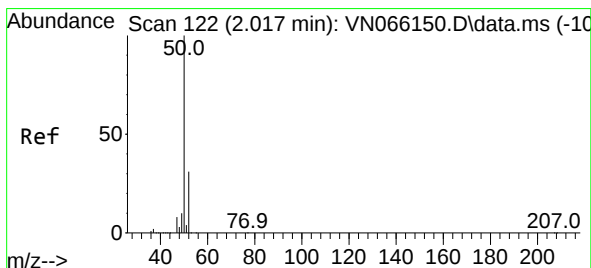
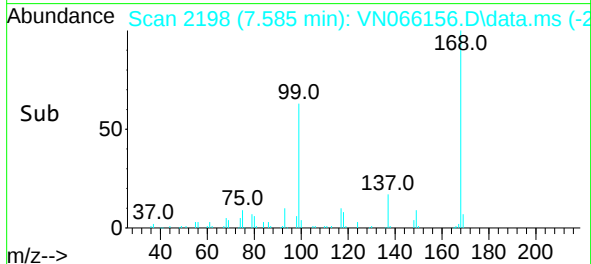
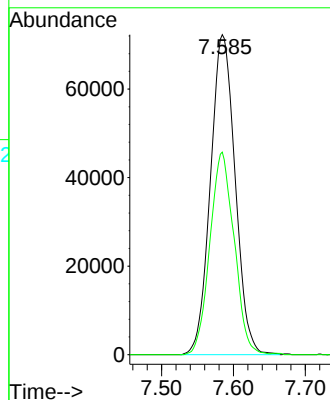
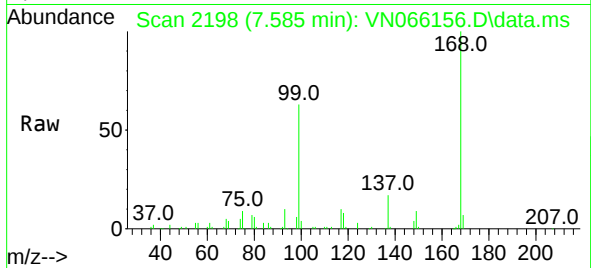




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.005 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

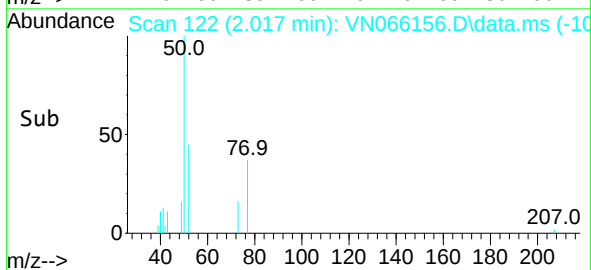
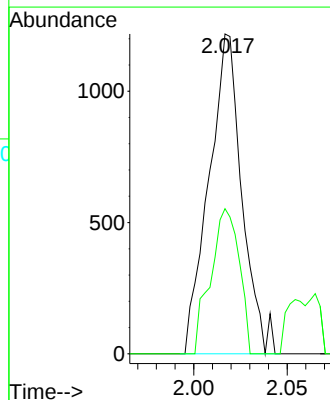
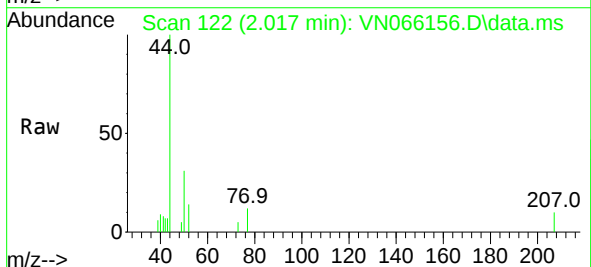
Instrument :
MSVOA_N
ClientSampleId :

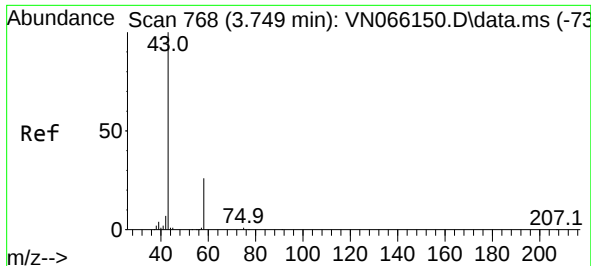
Tgt Ion:168 Resp: 172494
Ion Ratio Lower Upper
168 100
99 63.3 42.6 63.8



#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 50 Resp: 1497
Ion Ratio Lower Upper
50 100
52 45.4 25.8 38.8#

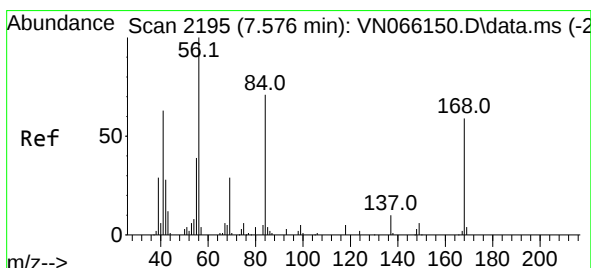
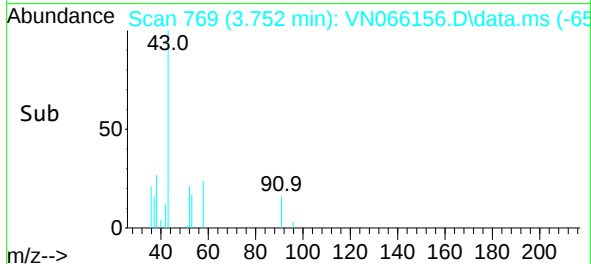
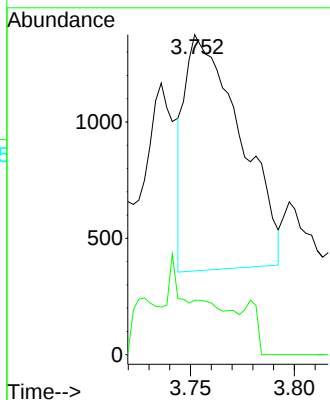
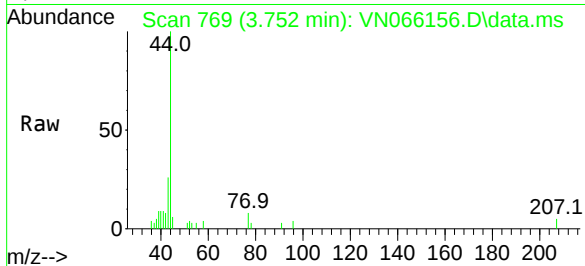




#16
Acetone
Concen: 1.14 ug/l
RT: 3.752 min Scan# 769
Delta R.T. 0.003 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

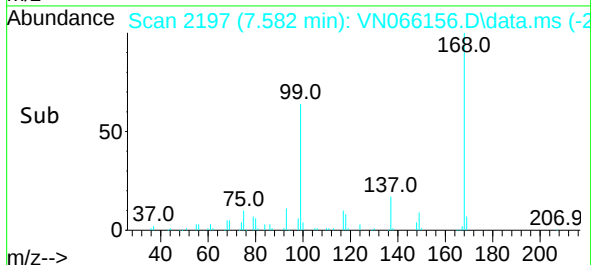
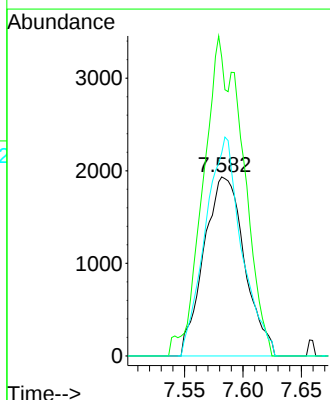
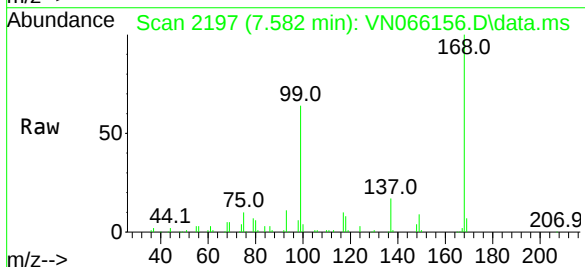
Instrument :
MSVOA_N
ClientSampled :

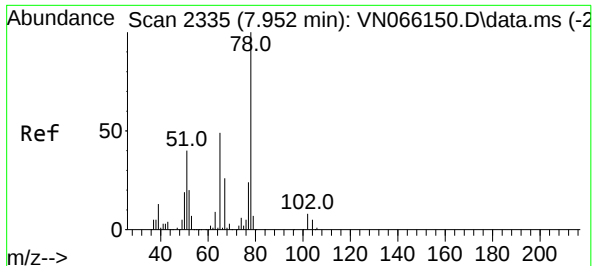
Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 27.9 27.0 40.6



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 56 Resp: 4683
Ion Ratio Lower Upper
56 100
69 166.8 26.6 39.8#
84 113.4 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 52.10 ug/l

RT: 7.949 min Scan# 2334

Delta R.T. -0.003 min

Lab File: VN066156.D

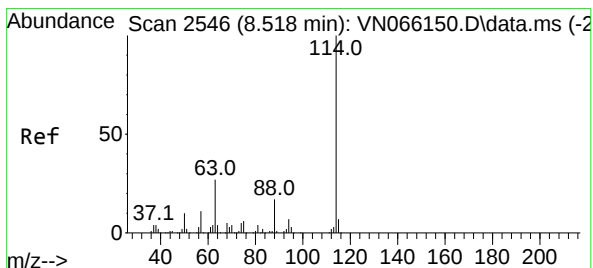
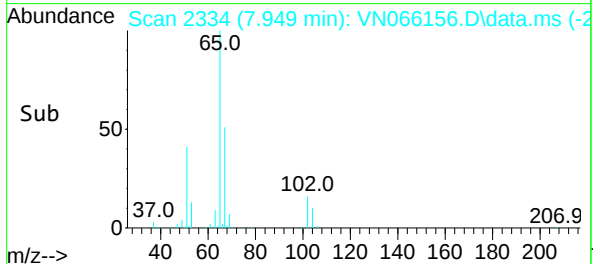
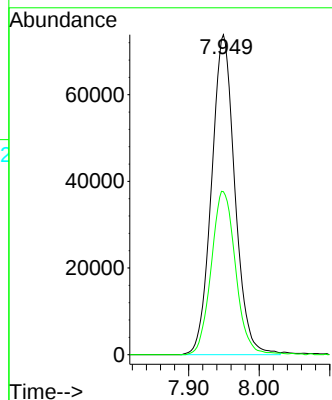
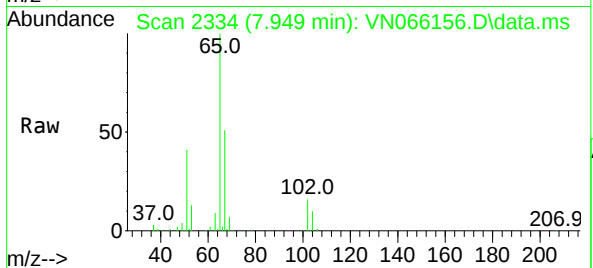
Acq: 9 Mar 2021 15:37

Tgt Ion: 65 Resp: 169593

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.006 min

Lab File: VN066156.D

Acq: 9 Mar 2021 15:37

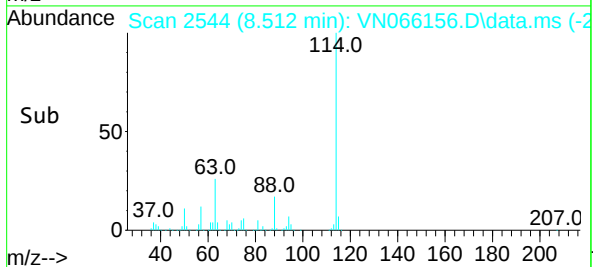
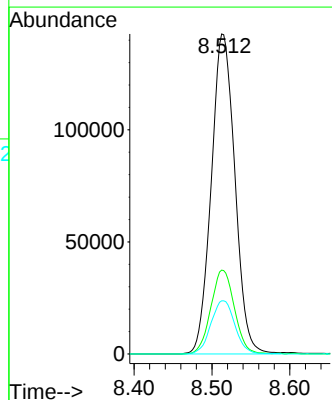
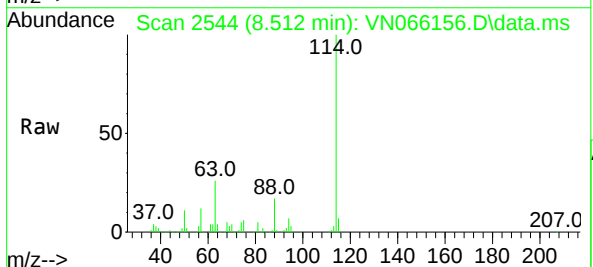
Tgt Ion: 114 Resp: 300564

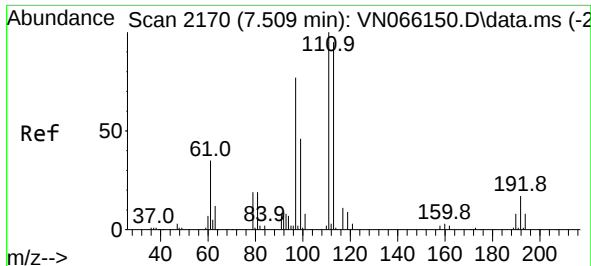
Ion Ratio Lower Upper

114 100

63 26.2 0.0 38.6

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.32 ug/l

RT: 7.507 min Scan# 2169

Delta R.T. -0.002 min

Lab File: VN066156.D

Acq: 9 Mar 2021 15:37

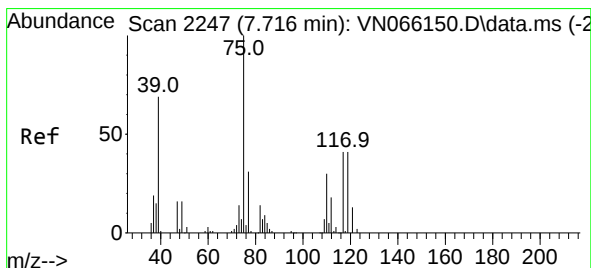
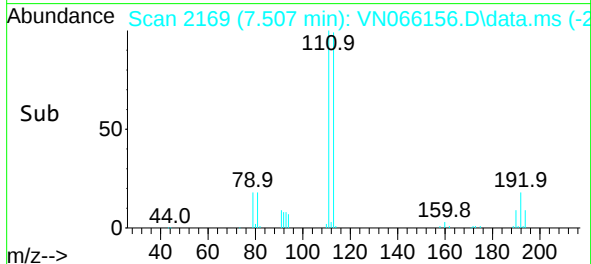
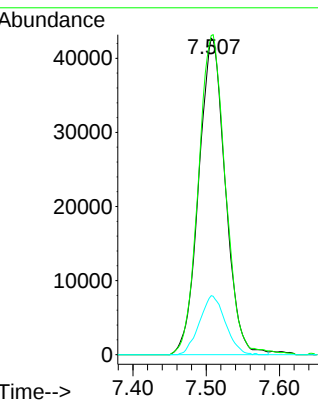
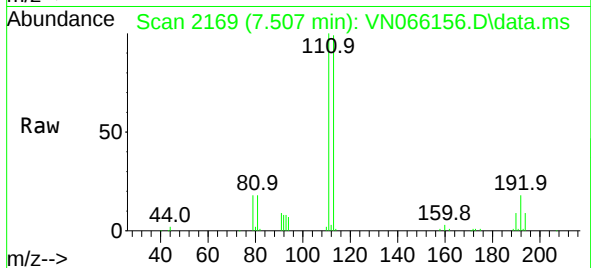
Tgt Ion:113 Resp: 107286

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 7.582 min Scan# 2197

Delta R.T. -0.134 min

Lab File: VN066156.D

Acq: 9 Mar 2021 15:37

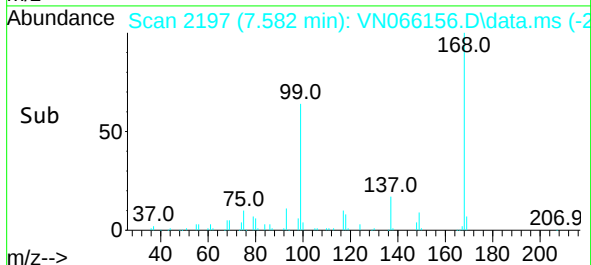
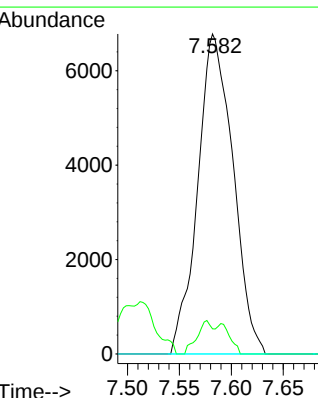
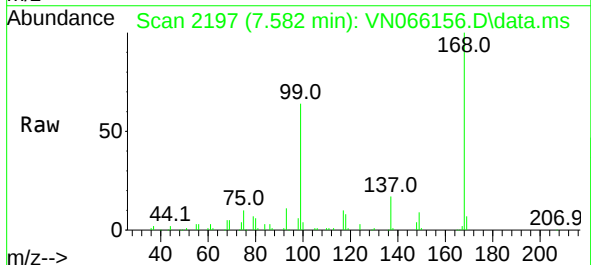
Tgt Ion: 75 Resp: 16015

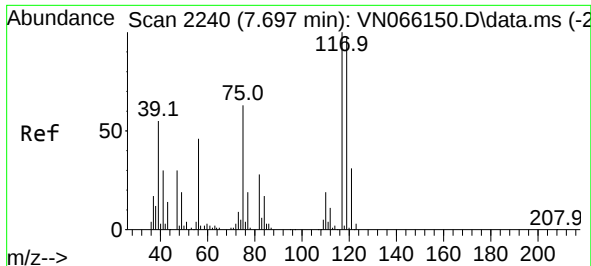
Ion Ratio Lower Upper

75 100

110 5.0 18.2 54.6#

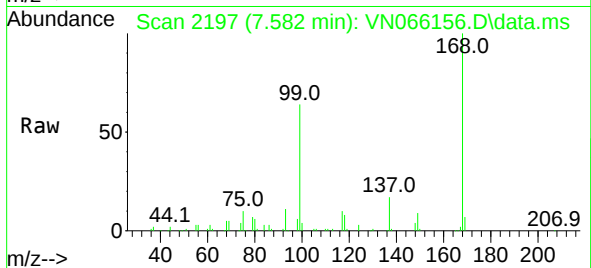
77 0.0 24.9 37.3#



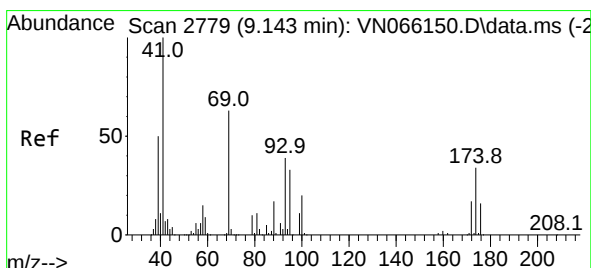
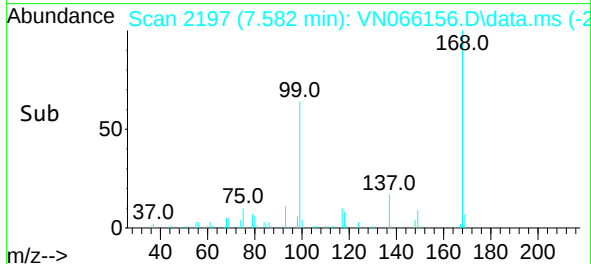
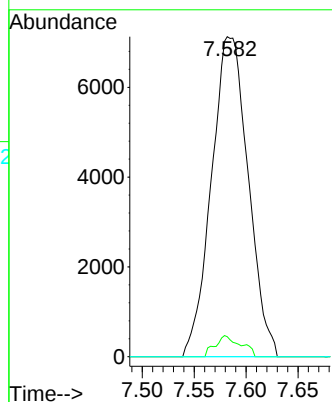


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.115 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Instrument :
MSVOA_N
ClientSampleId :

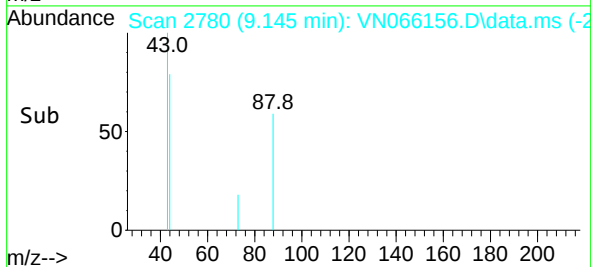
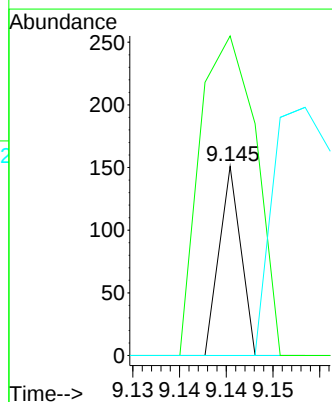
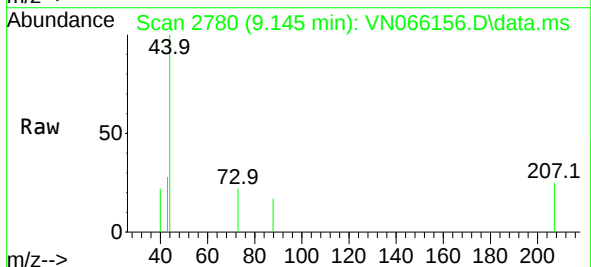


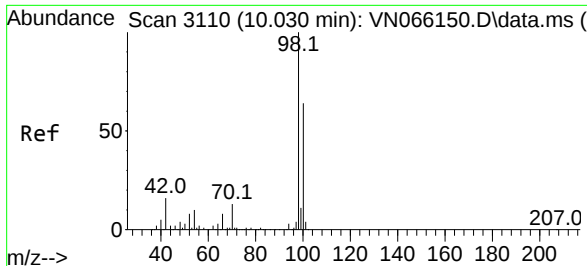
Tgt Ion:117 Resp: 17557
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 0.63 ug/l
RT: 9.145 min Scan# 2780
Delta R.T. 0.002 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 441.7 24.7 37.1#
58 470.8 52.6 78.8#

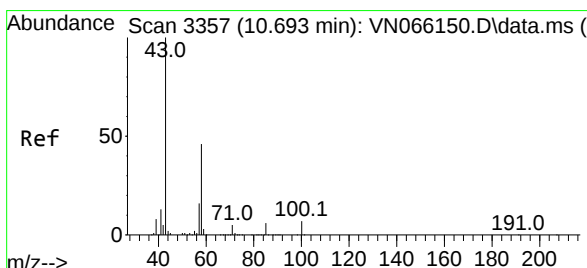
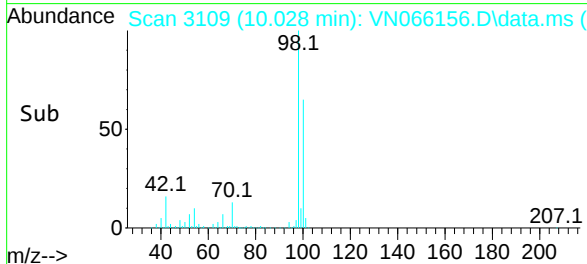
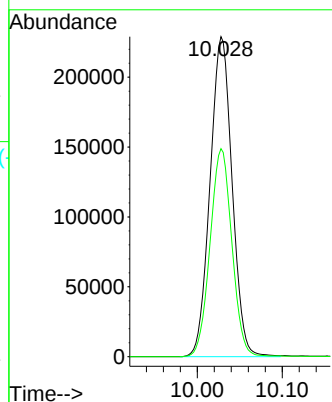
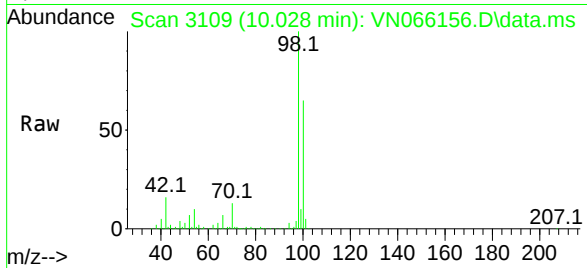




#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

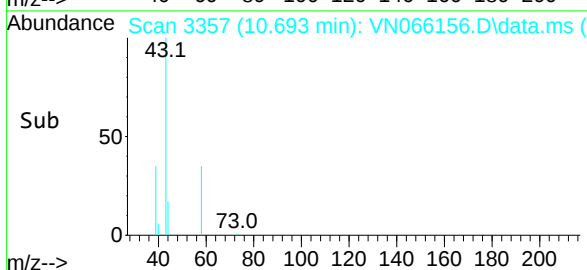
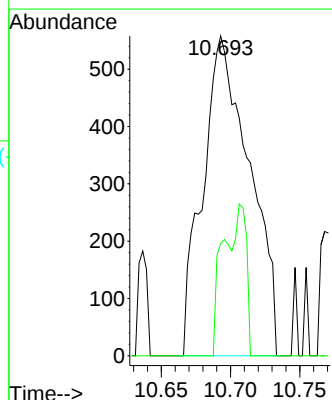
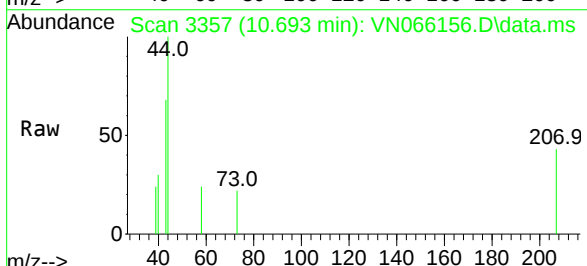
Instrument :
MSVOA_N
ClientSampled :

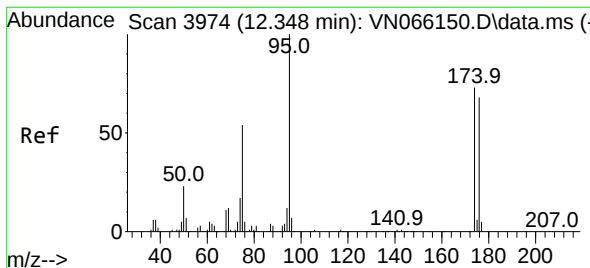
Tgt Ion: 98 Resp: 412722
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#59
2-Hexanone
Concen: 0.36 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 11.6 28.1 84.3#

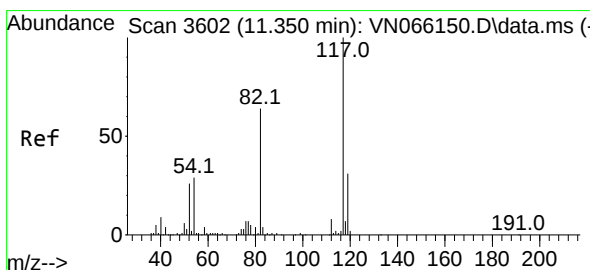
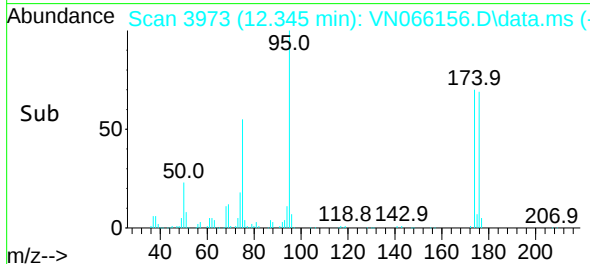
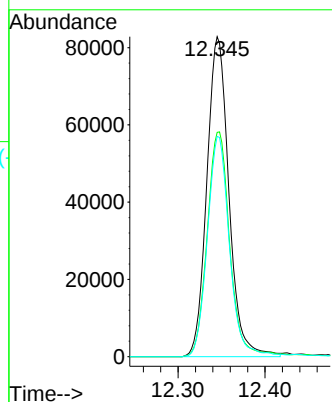
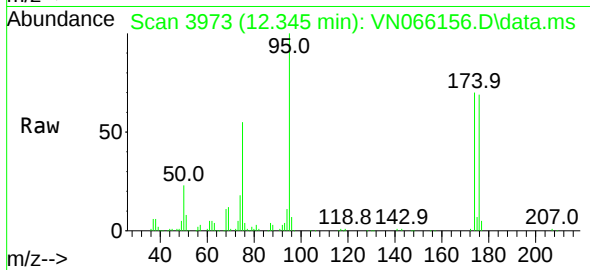




#62
4-Bromofluorobenzene
Concen: 48.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

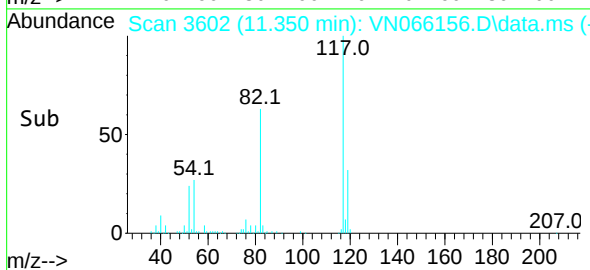
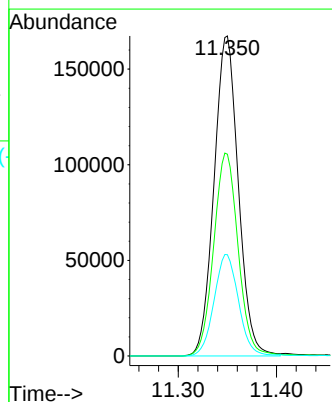
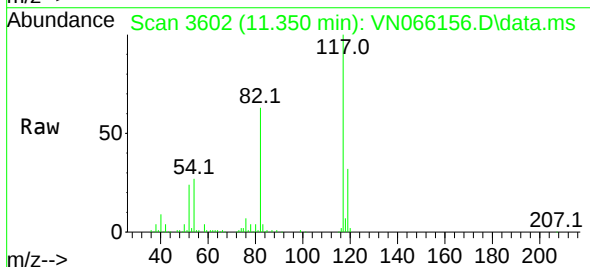
Instrument :
MSVOA_N
ClientSampleId :

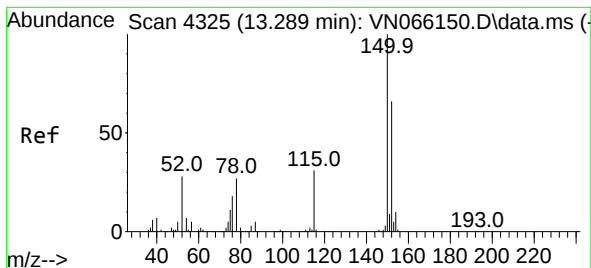
Tgt Ion: 95 Resp: 146142
Ion Ratio Lower Upper
95 100
174 72.0 0.0 169.0
176 68.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 117 Resp: 287639
Ion Ratio Lower Upper
117 100
82 63.1 43.7 65.5
119 31.6 26.1 39.1

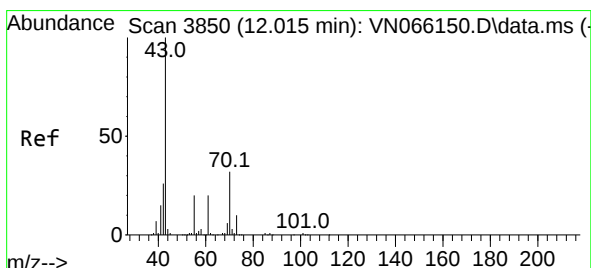
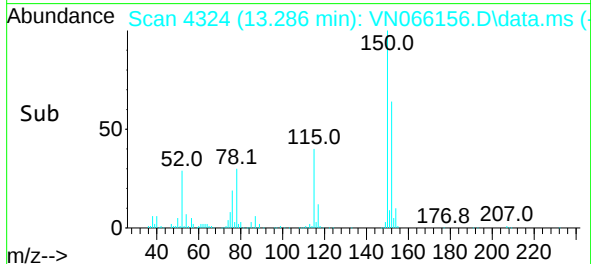
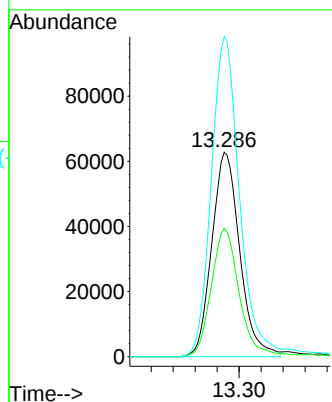
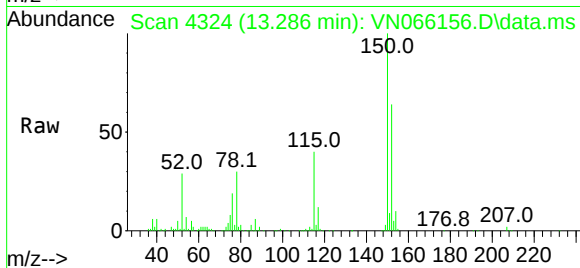




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

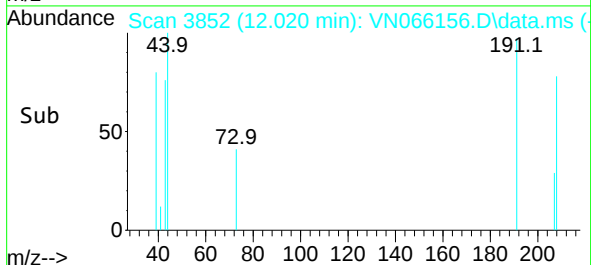
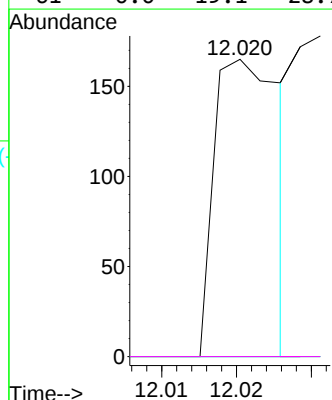
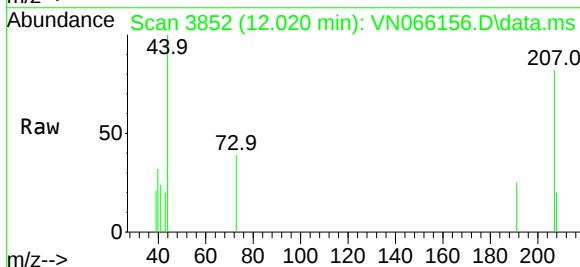
Instrument :
MSVOA_N
ClientSampled :

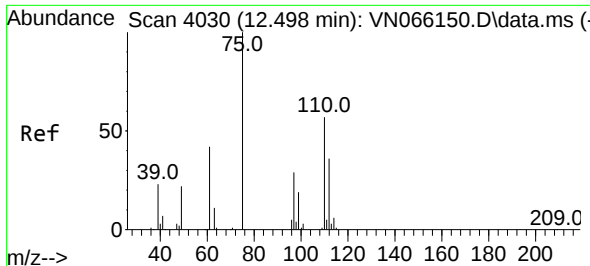
Tgt Ion:152 Resp: 110860
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 161.3 0.0 347.6



#74
N-ethyl acetate
Concen: 2.99 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.005 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

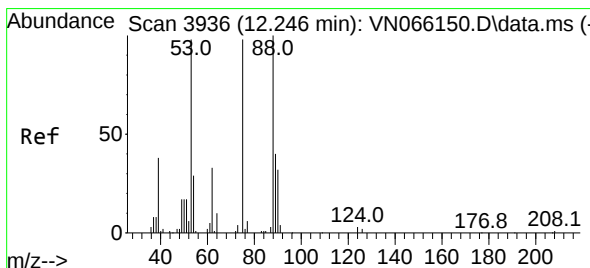
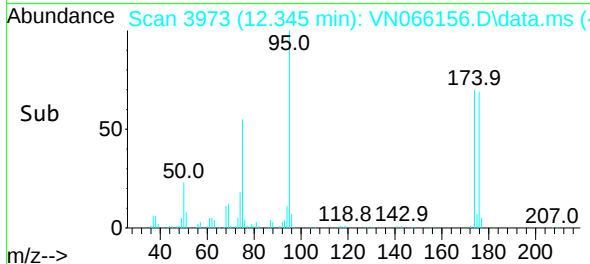
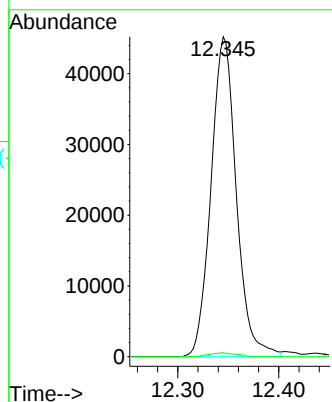
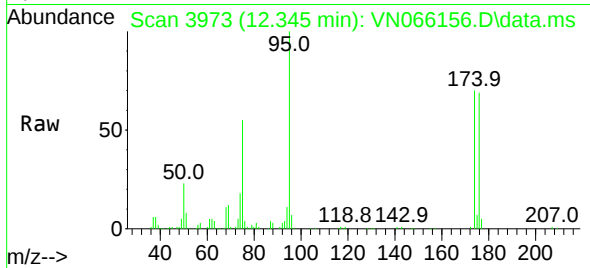




#76
1,2,3-Trichloropropane
Concen: 23.67 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

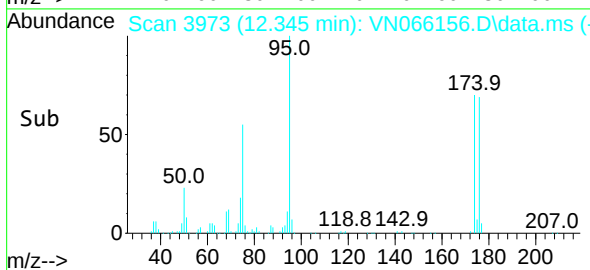
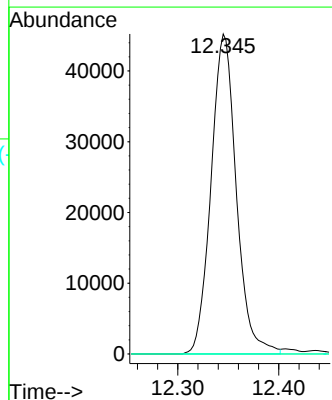
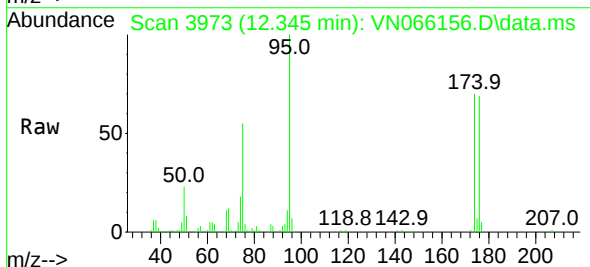
Instrument :
MSVOA_N
ClientSampled :

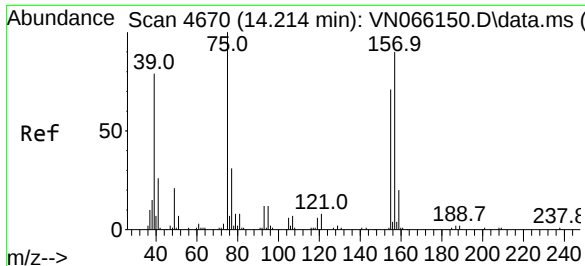
Tgt Ion: 75 Resp: 78633
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.89 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Tgt Ion: 75 Resp: 78633
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

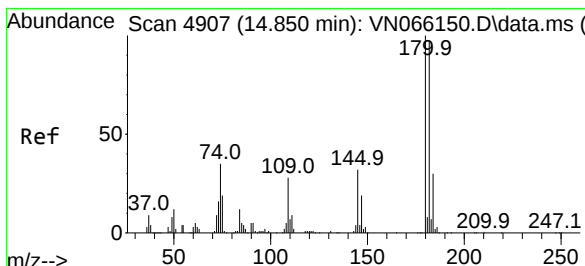
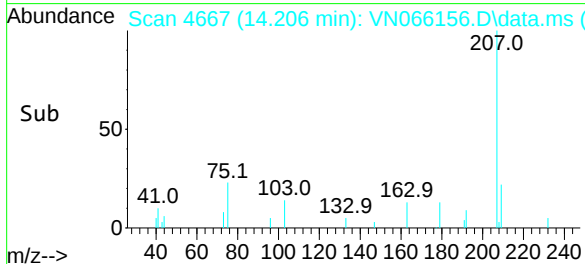
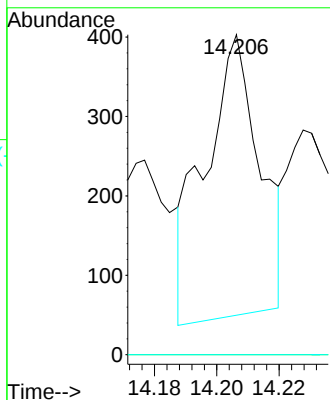
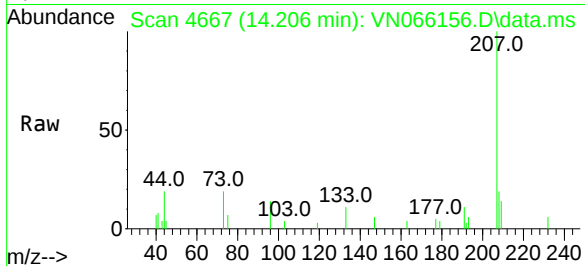




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.55 ug/l
 RT: 14.206 min Scan# 4667
 Delta R.T. -0.008 min
 Lab File: VN066156.D
 Acq: 9 Mar 2021 15:37

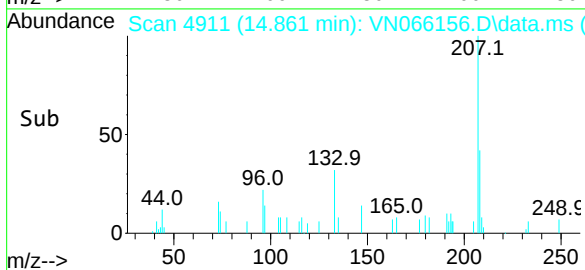
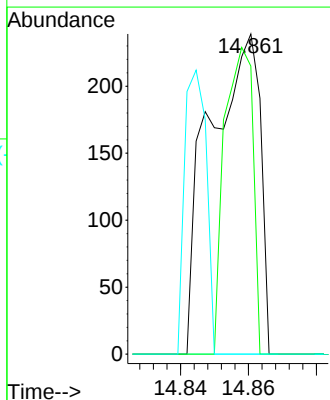
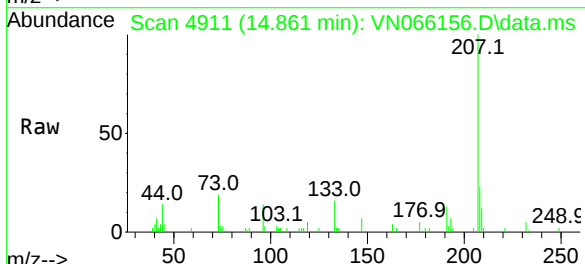
Instrument :
 MSVOA_N
 ClientSampled :

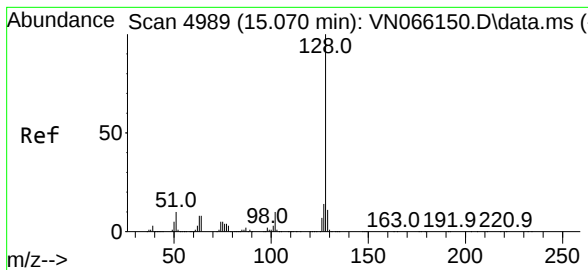
Tgt Ion: 75 Resp: 432
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.30 ug/l
 RT: 14.861 min Scan# 4911
 Delta R.T. 0.011 min
 Lab File: VN066156.D
 Acq: 9 Mar 2021 15:37

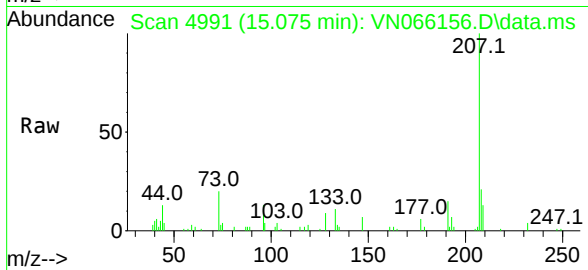
Tgt Ion: 180 Resp: 245
 Ion Ratio Lower Upper
 180 100
 182 53.9 47.3 142.0
 145 38.4 15.6 46.8





#95
Naphthalene
Concen: 0.24 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066156.D
Acq: 9 Mar 2021 15:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1608
Ion Ratio Lower Upper
128 100
127 3.7 10.2 15.2#
129 0.0 8.6 13.0#

