

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070447.D
 Acq On : 3 Jan 2022 19:24
 Operator : JC/MD
 Sample : M5338-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Jan 04 01:37:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

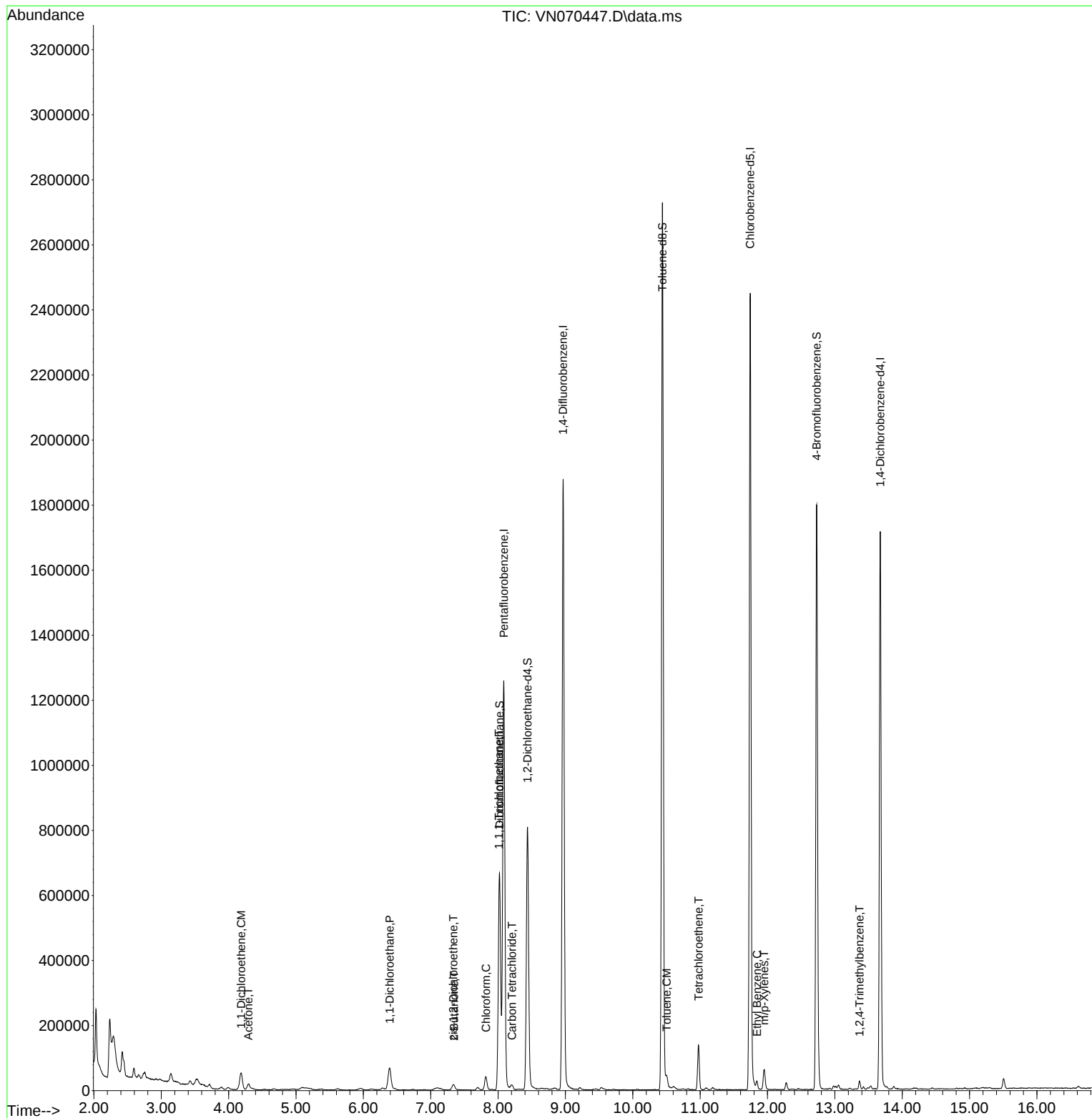
Internal Standards						
1) Pentafluorobenzene	8.086	168	964400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1631349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1422672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	479019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	696213	50.209	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.420%			
35) Dibromofluoromethane	8.021	113	480107	48.641	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.280%			
50) Toluene-d8	10.440	98	1904959	47.244	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.480%			
62) 4-Bromofluorobenzene	12.731	95	671175	46.086	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.180%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.189	96	29734	3.027	ug/l	92
16) Acetone	4.293	43	25651	2.850	ug/l	99
24) 1,1-Dichloroethane	6.391	63	99266	4.414	ug/l	99
25) 2-Butanone	7.348	43	22050	1.946	ug/l #	89
27) cis-1,2-Dichloroethene	7.335	96	4149	0.334	ug/l #	66
30) Chloroform	7.820	83	39304	1.812	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	25046	1.369	ug/l #	50
38) Carbon Tetrachloride	8.206	117	10220	0.655	ug/l	92
52) Toluene	10.505	92	10494	0.346	ug/l	95
64) Tetrachloroethene	10.977	164	30631	2.973	ug/l	96
67) Ethyl Benzene	11.843	91	17783	0.322	ug/l	97
68) m/p-Xylenes	11.950	106	21766	1.081	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	16188	0.472	ug/l	95

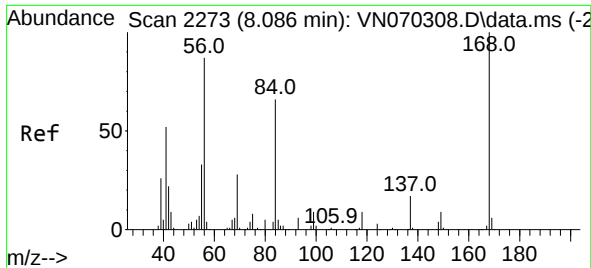
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070447.D
Acq On : 3 Jan 2022 19:24
Operator : JC/MD
Sample : M5338-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-2

Quant Time: Jan 04 01:37:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

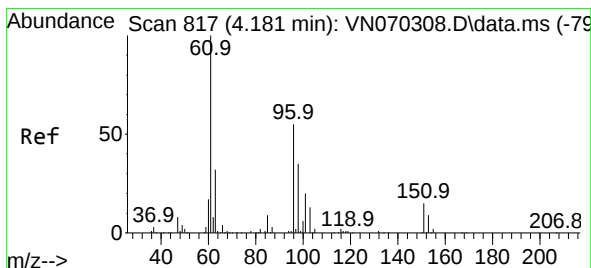
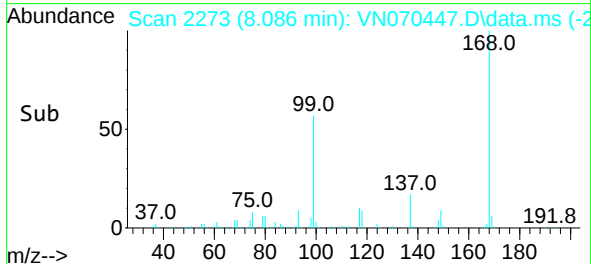
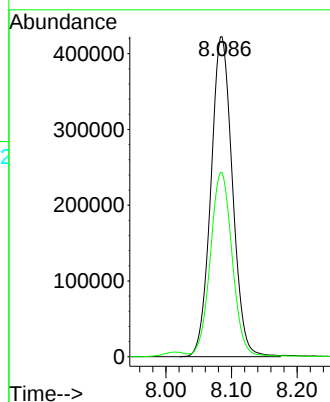
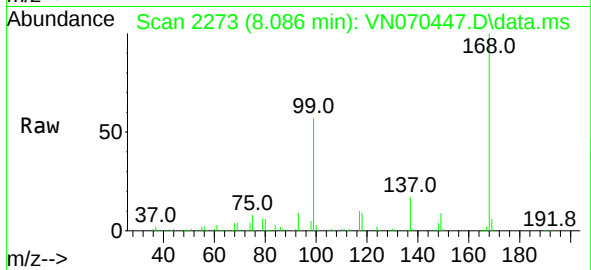




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

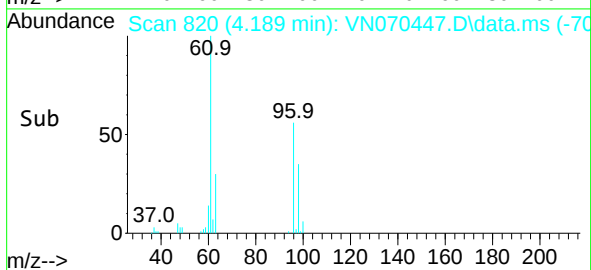
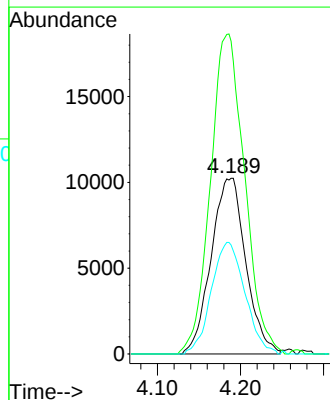
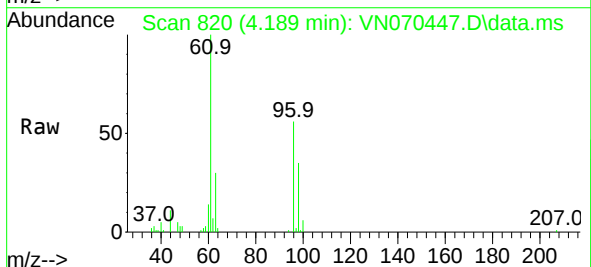
Instrument :
MSVOA_N
ClientSampleId :
TW-2

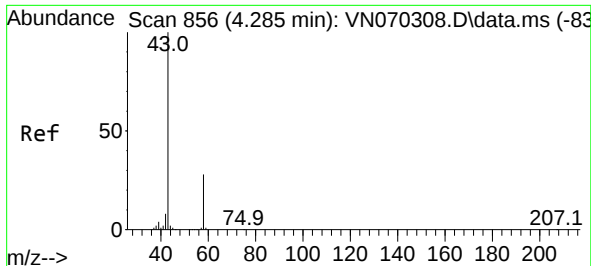
Tgt Ion:168 Resp: 964400
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9



#12
1,1-Dichloroethene
Concen: 3.027 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.008 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion: 96 Resp: 29734
Ion Ratio Lower Upper
96 100
61 176.4 131.0 196.6
98 62.0 52.4 78.6

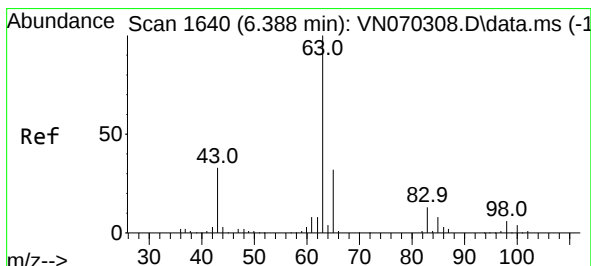
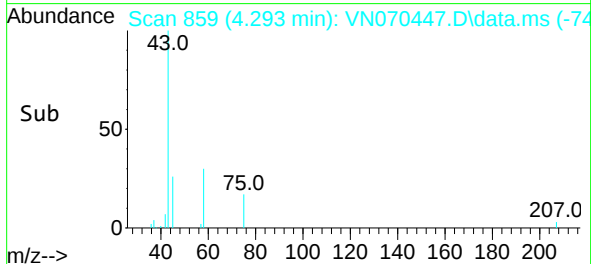
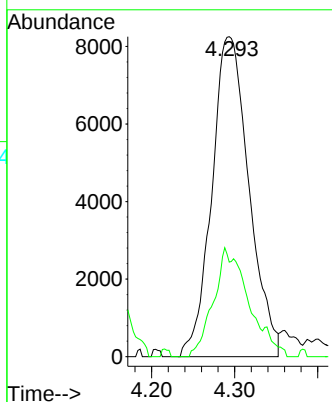
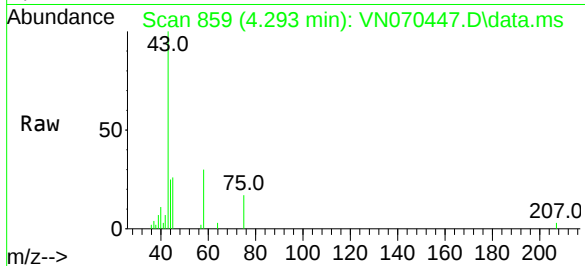




#16
Acetone
Concen: 2.850 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

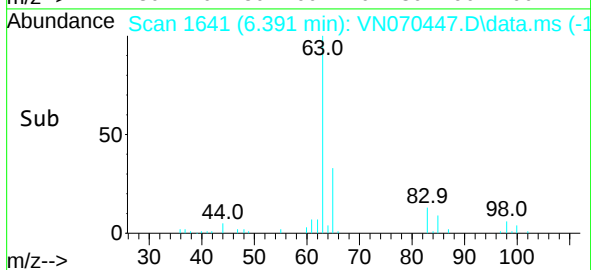
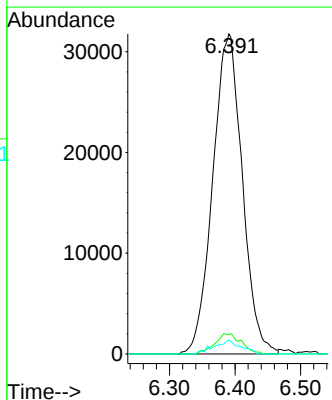
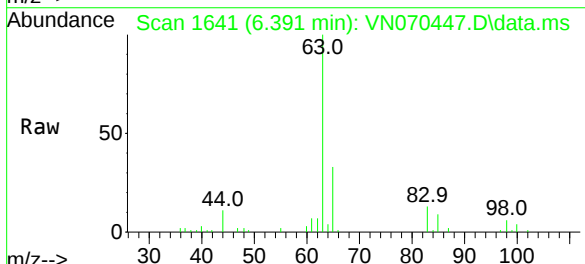
Instrument :
MSVOA_N
ClientSampleId :
TW-2

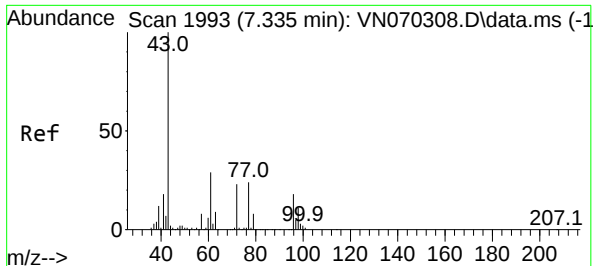
Tgt Ion: 43 Resp: 25651
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7



#24
1,1-Dichloroethane
Concen: 4.414 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion: 63 Resp: 99266
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 4.2 2.1 6.5





#25

2-Butanone

Concen: 1.946 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.013 min

Lab File: VN070447.D

Acq: 3 Jan 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

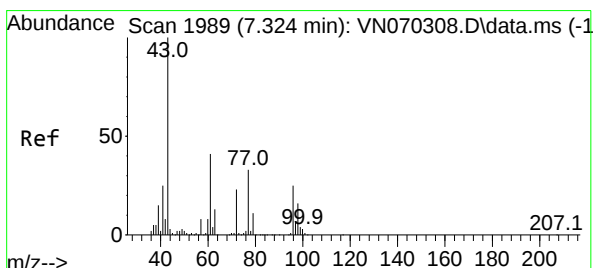
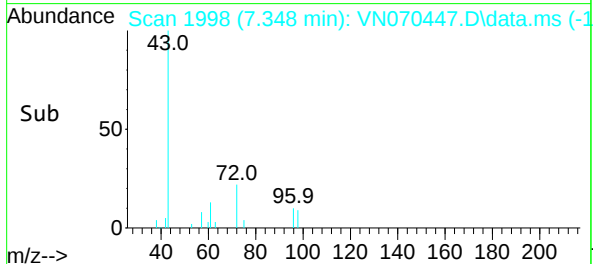
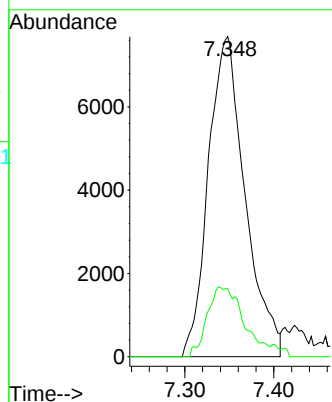
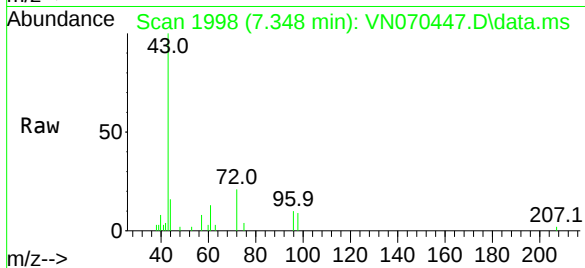
TW-2

Tgt Ion: 43 Resp: 22050

Ion Ratio Lower Upper

43 100

72 21.2 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 0.334 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. 0.011 min

Lab File: VN070447.D

Acq: 3 Jan 2022 19:24

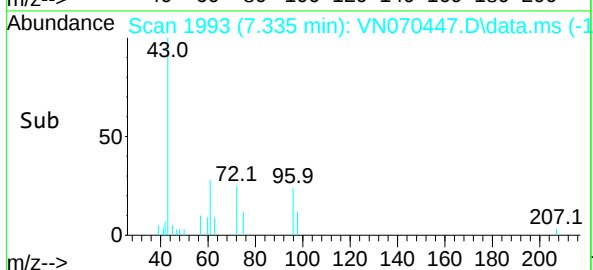
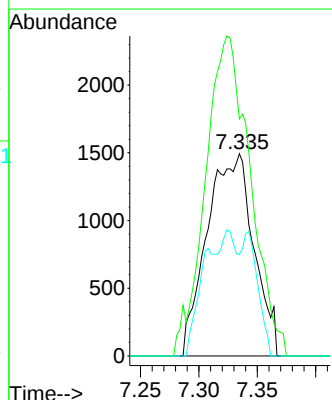
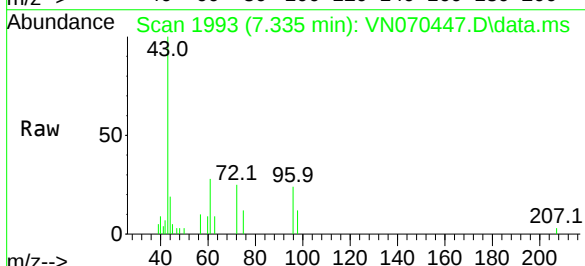
Tgt Ion: 96 Resp: 4149

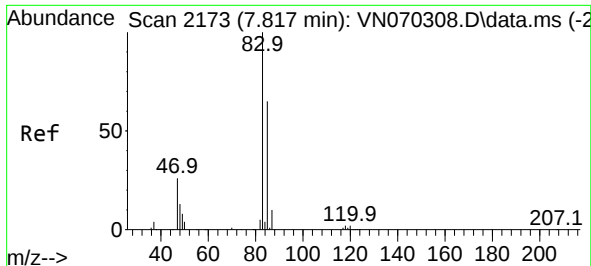
Ion Ratio Lower Upper

96 100

61 151.9 0.0 275.0

98 0.0 0.0 129.6

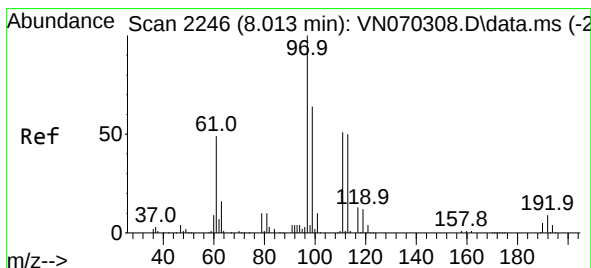
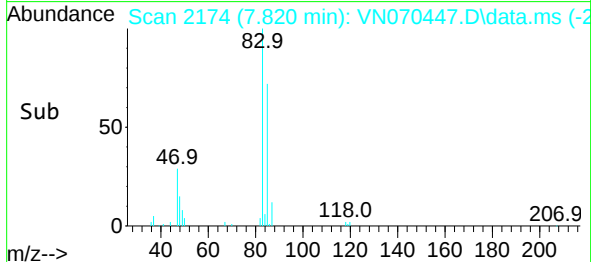
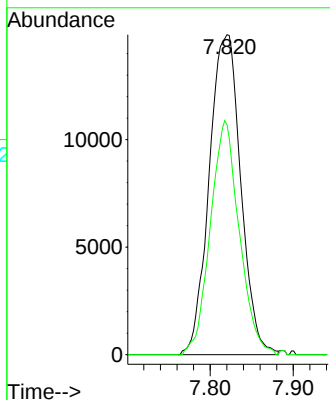
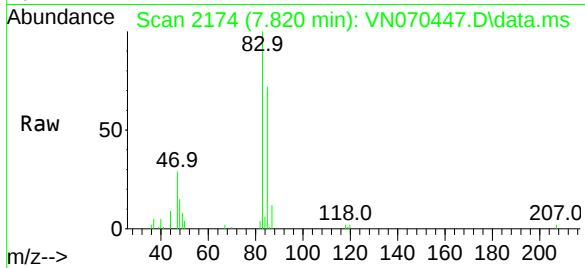




#30
Chloroform
Concen: 1.812 ug/l
RT: 7.820 min Scan# 2173
Delta R.T. 0.003 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

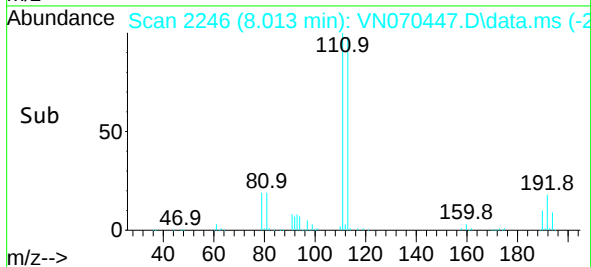
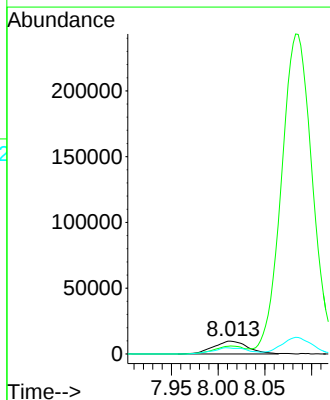
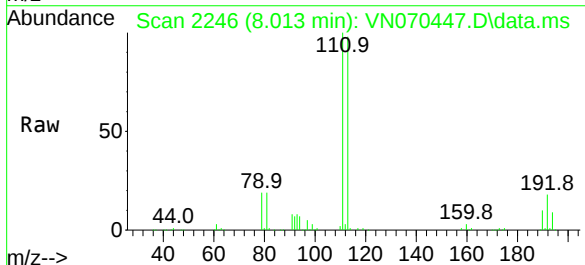
Instrument :
MSVOA_N
ClientSampleId :
TW-2

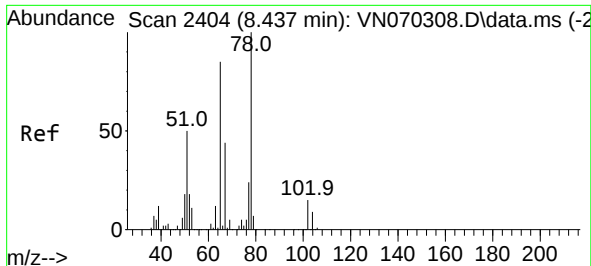
Tgt Ion: 83 Resp: 39304
Ion Ratio Lower Upper
83 100
85 71.8 51.9 77.9



#32
1,1,1-Trichloroethane
Concen: 1.369 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion: 97 Resp: 25046
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 48.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.209 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070447.D

Acq: 3 Jan 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

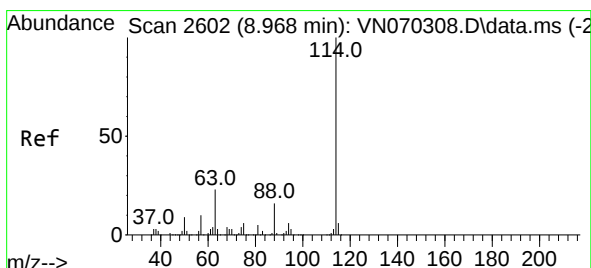
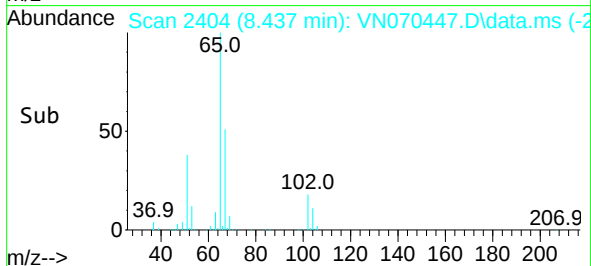
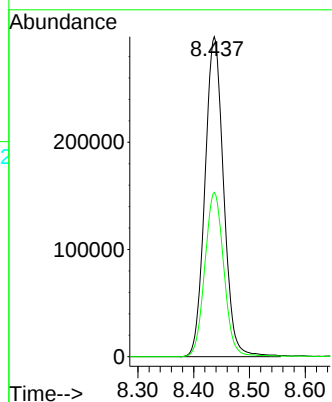
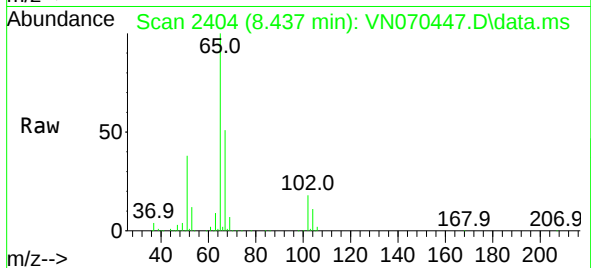
TW-2

Tgt Ion: 65 Resp: 696213

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070447.D

Acq: 3 Jan 2022 19:24

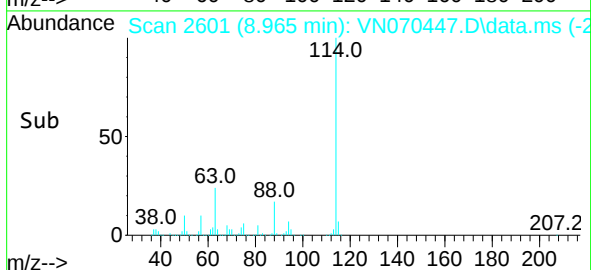
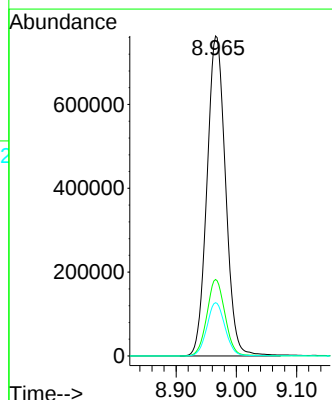
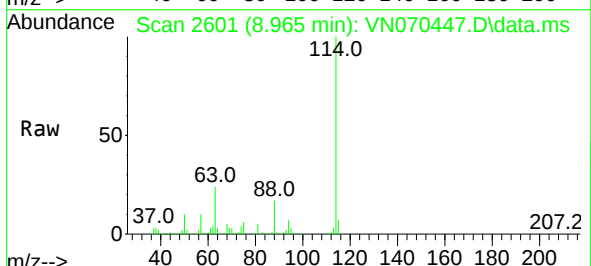
Tgt Ion: 114 Resp: 1631349

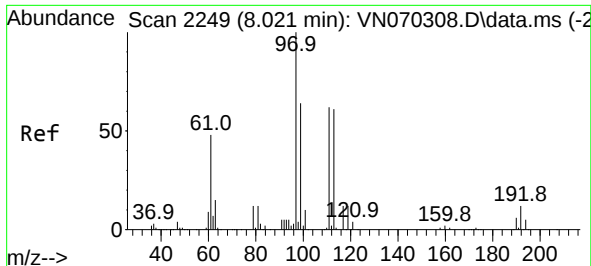
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.6 0.0 27.4

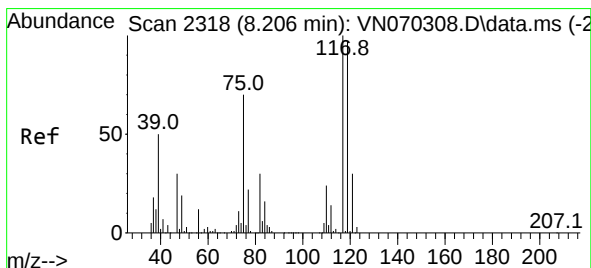
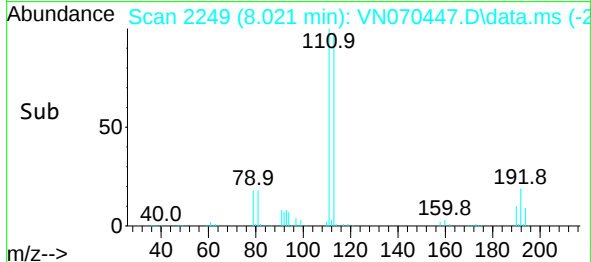
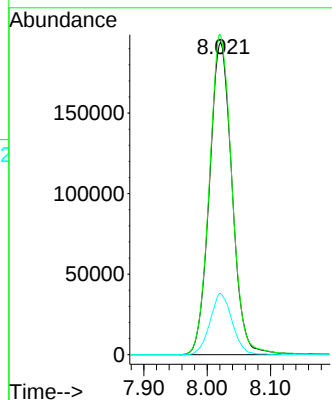
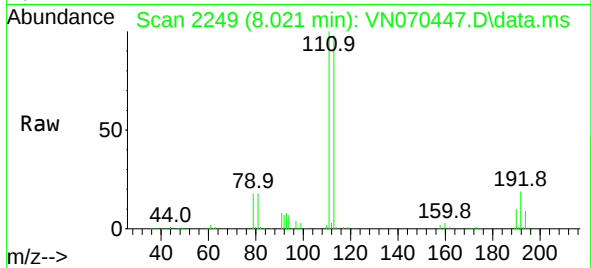




#35
Dibromofluoromethane
Concen: 48.641 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

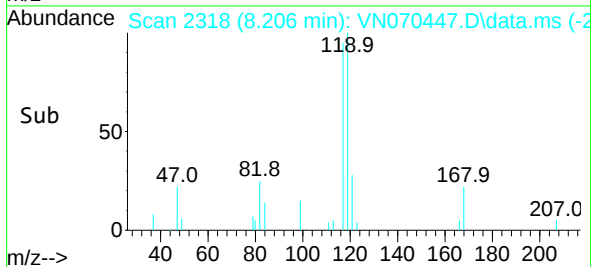
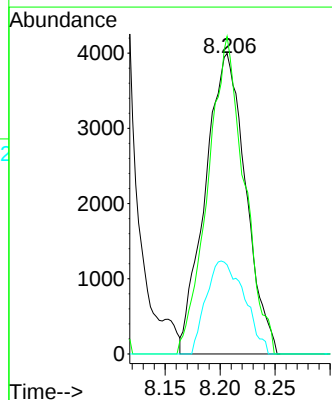
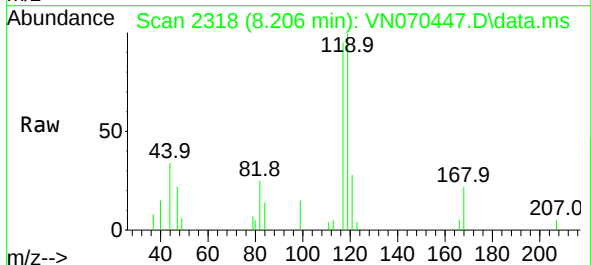
Instrument :
MSVOA_N
ClientSampleId :
TW-2

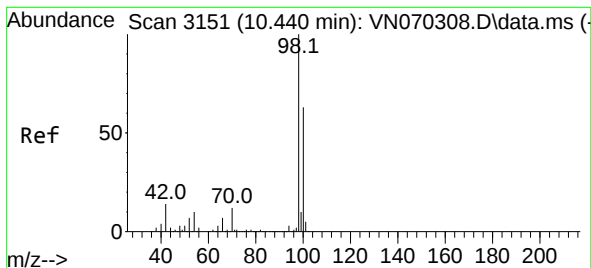
Tgt Ion:113 Resp: 480107
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.2 16.9 25.3



#38
Carbon Tetrachloride
Concen: 0.655 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion:117 Resp: 10220
Ion Ratio Lower Upper
117 100
119 105.6 76.1 114.1
121 29.7 24.2 36.2





#50

Toluene-d8

Concen: 47.244 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070447.D

Acq: 3 Jan 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

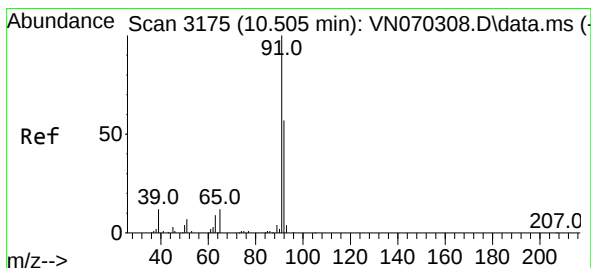
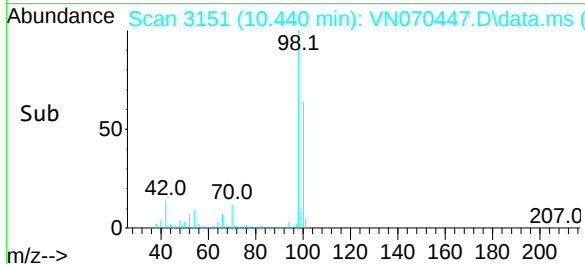
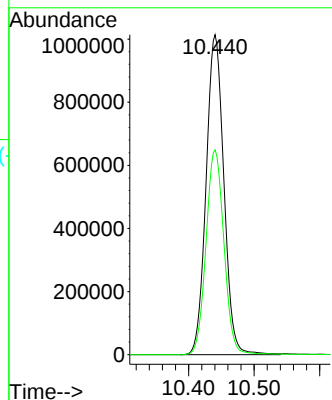
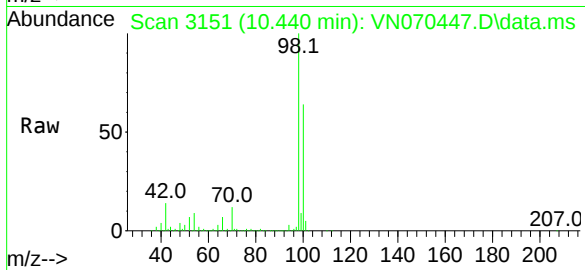
TW-2

Tgt Ion: 98 Resp: 1904959

Ion Ratio Lower Upper

98 100

100 64.7 50.4 75.6



#52

Toluene

Concen: 0.346 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070447.D

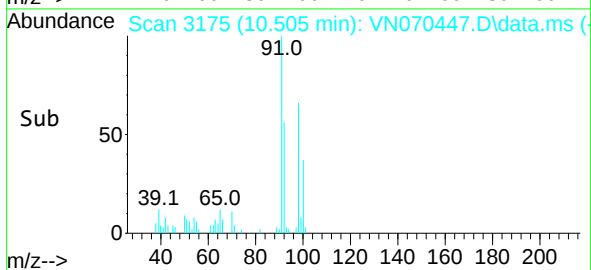
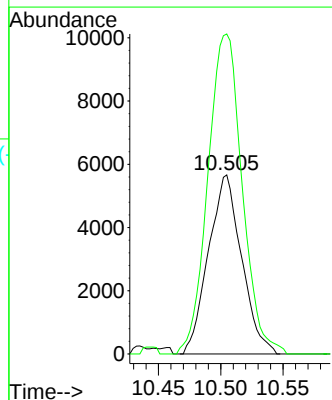
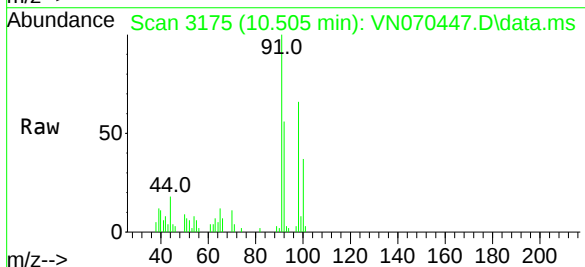
Acq: 3 Jan 2022 19:24

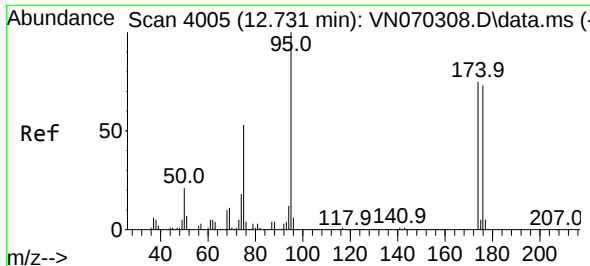
Tgt Ion: 92 Resp: 10494

Ion Ratio Lower Upper

92 100

91 184.7 142.0 213.0

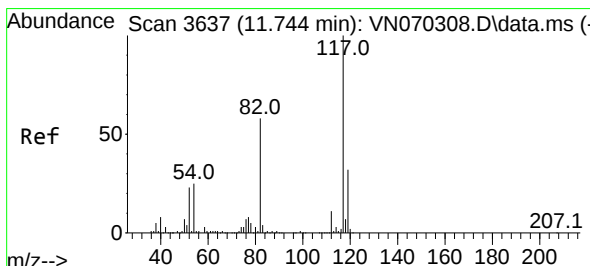
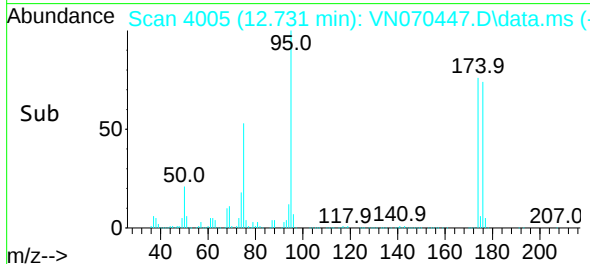
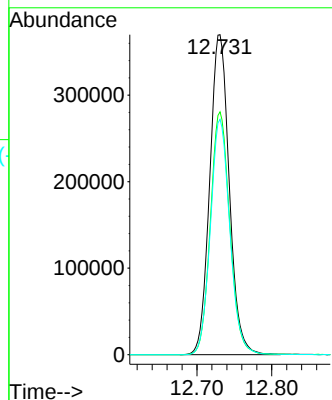
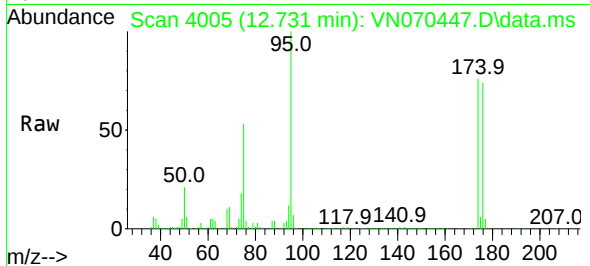




#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

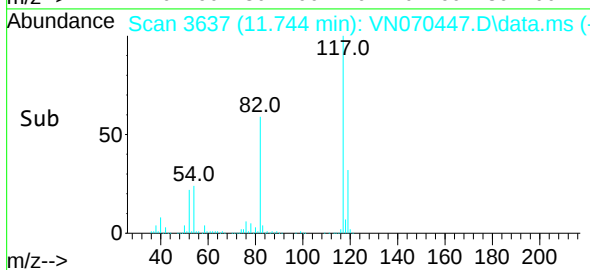
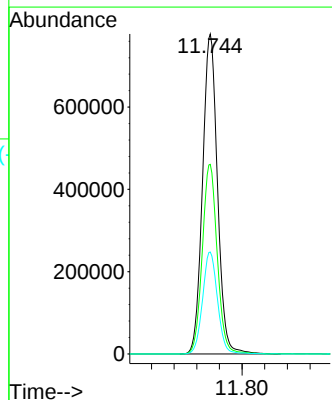
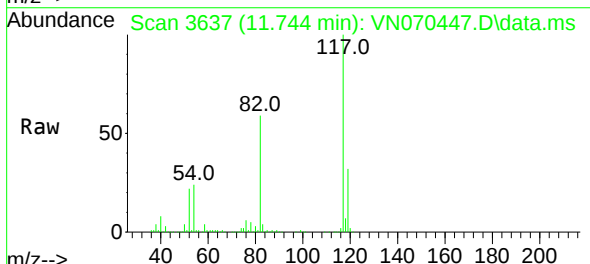
Instrument :
MSVOA_N
ClientSampleId :
TW-2

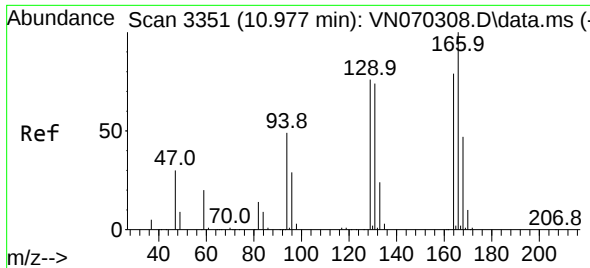
Tgt Ion: 95 Resp: 671175
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion: 117 Resp: 1422672
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

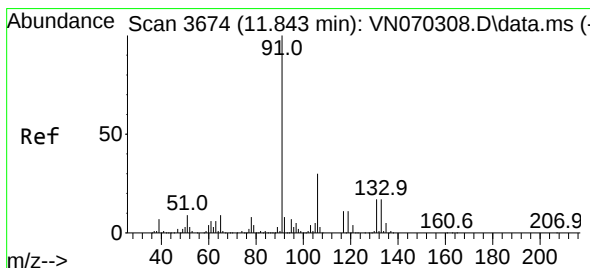
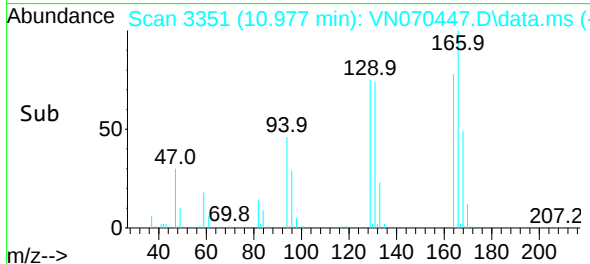
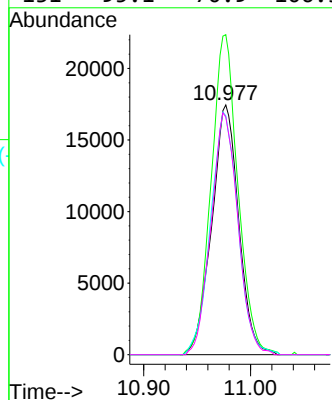
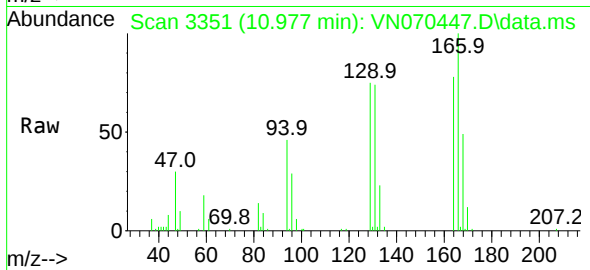




#64
Tetrachloroethene
Concen: 2.973 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

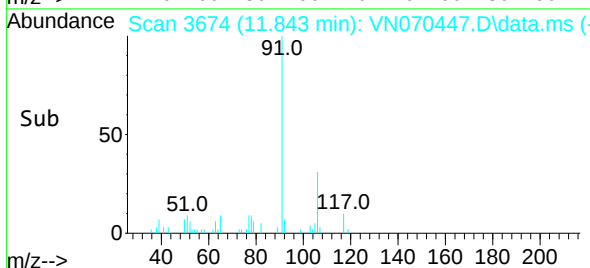
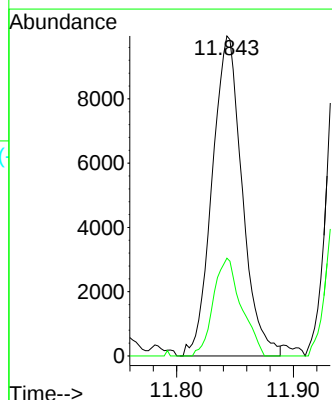
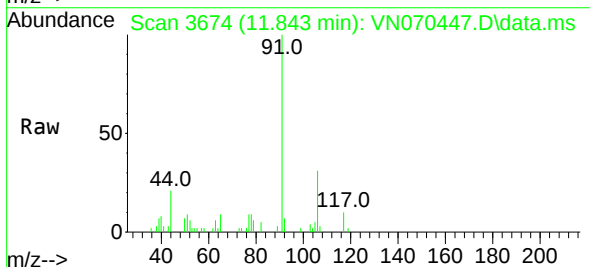
Instrument :
MSVOA_N
ClientSampleId :
TW-2

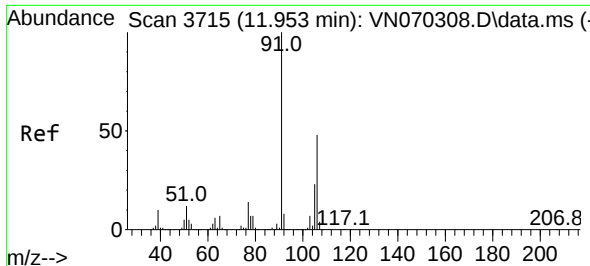
Tgt Ion:164 Resp: 30631
Ion Ratio Lower Upper
164 100
166 128.2 101.9 152.9
129 95.7 72.0 108.0
131 95.1 70.9 106.3



#67
Ethyl Benzene
Concen: 0.322 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion: 91 Resp: 17783
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

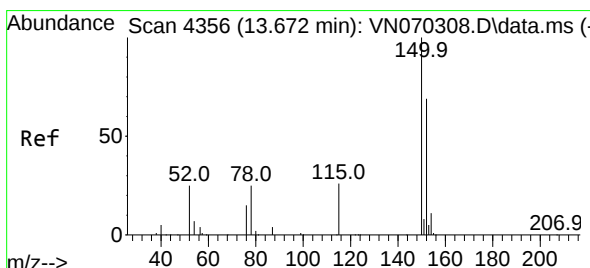
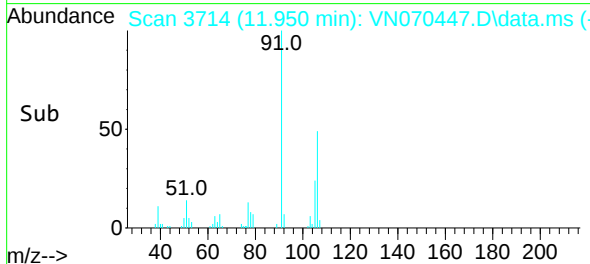
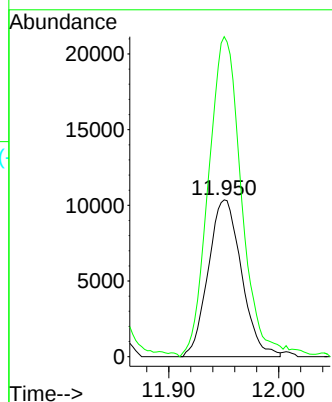
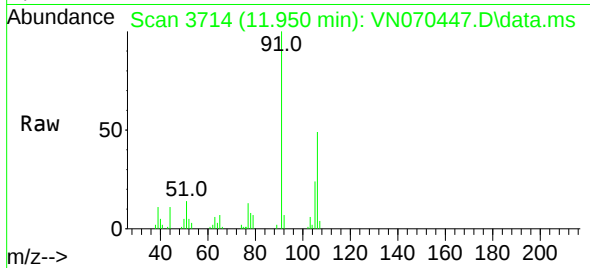




#68
m/p-Xylenes
Concen: 1.081 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

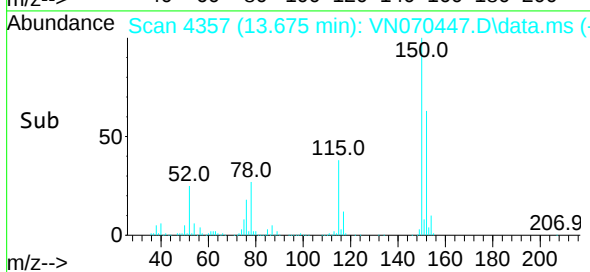
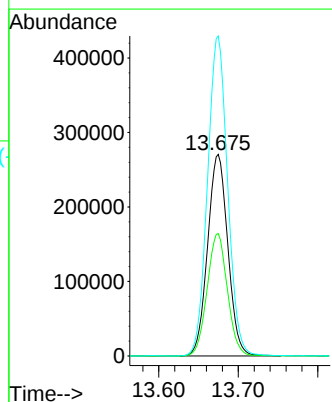
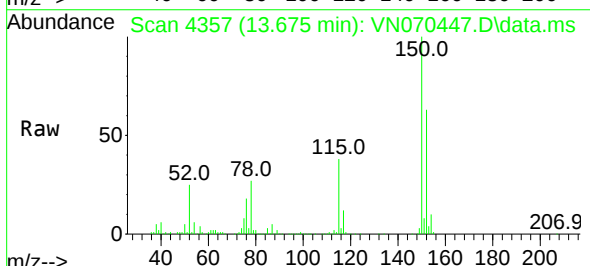
Instrument :
MSVOA_N
ClientSampleId :
TW-2

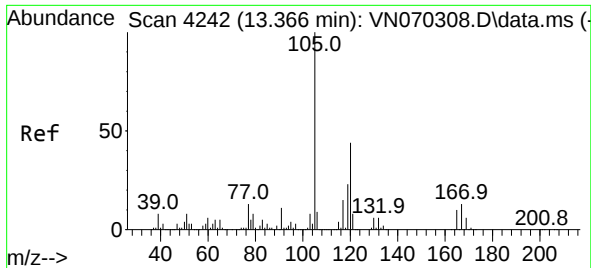
Tgt Ion:106 Resp: 21766
Ion Ratio Lower Upper
106 100
91 203.4 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070447.D
Acq: 3 Jan 2022 19:24

Tgt Ion:152 Resp: 479019
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 157.4 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.472 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070447.D
 Acq: 3 Jan 2022 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Tgt Ion:105 Resp: 16188
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.8 68.4

