

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073534.D
 Acq On : 20 Jul 2022 20:10
 Operator : JC\MD
 Sample : N3779-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-40811

Quant Time: Jul 21 08:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

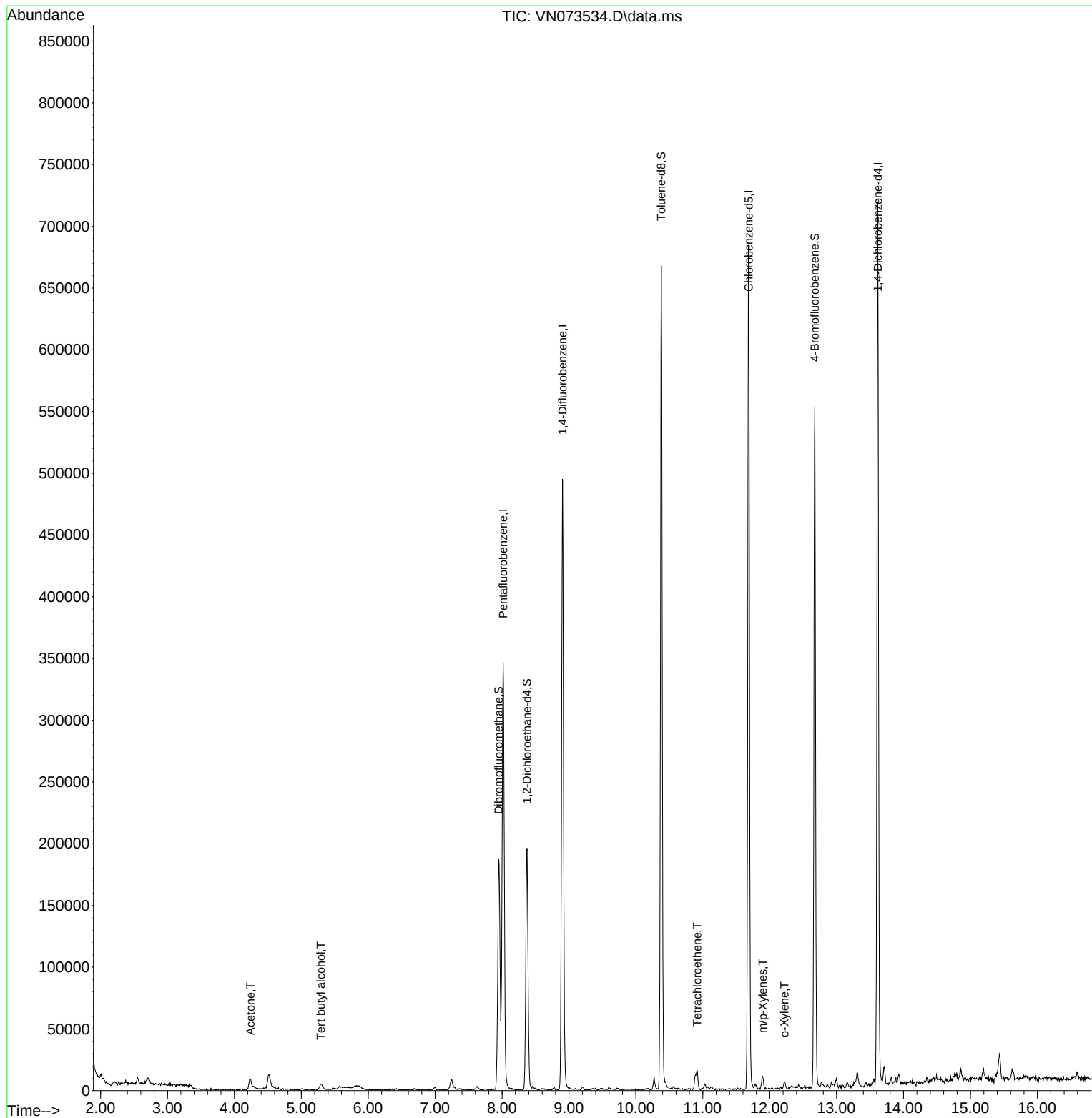
Internal Standards						
1) Pentafluorobenzene	8.016	168	258659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	417893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	389685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	191919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	161652	43.292	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.580%
35) Dibromofluoromethane	7.951	113	136606	49.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	10.380	98	447604	45.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.674	95	187871	49.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.292	59	8162	9.023	ug/l #	93
16) Acetone	4.240	43	16478	7.862	ug/l #	80
64) Tetrachloroethene	10.916	164	3221	1.012	ug/l #	83
68) m/p-Xylenes	11.898	106	3209	0.531	ug/l	98
69) o-Xylene	12.221	106	1464	0.237	ug/l	94

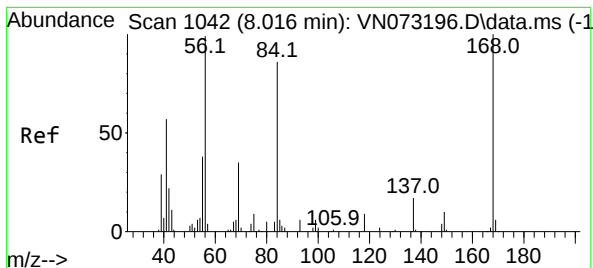
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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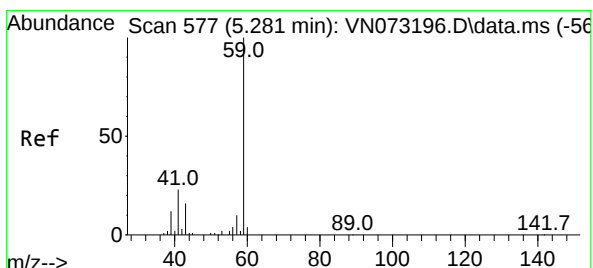
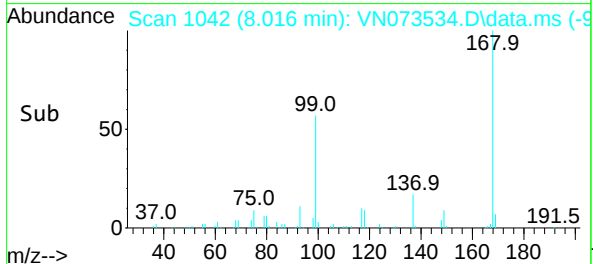
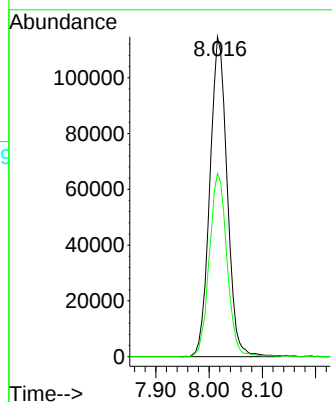
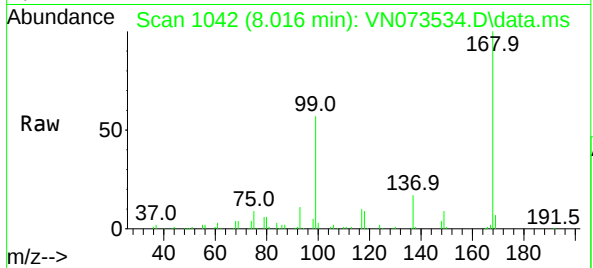




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

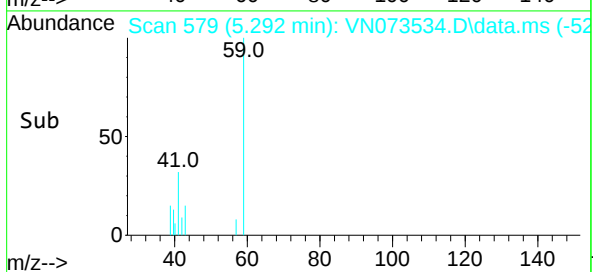
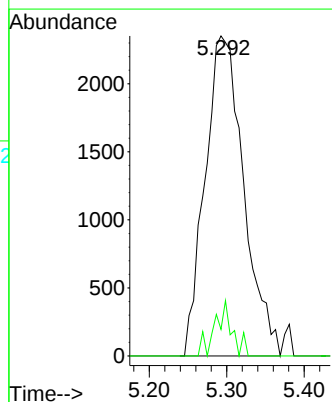
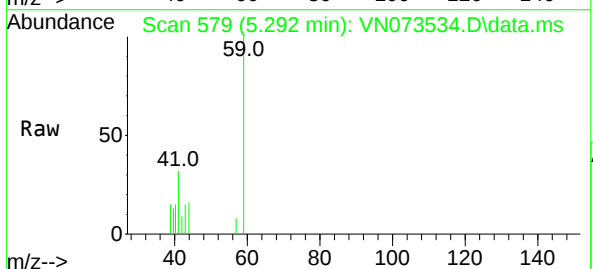
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-40811

Tgt Ion:168 Resp: 258659
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 9.023 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.011 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

Tgt Ion: 59 Resp: 8162
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#

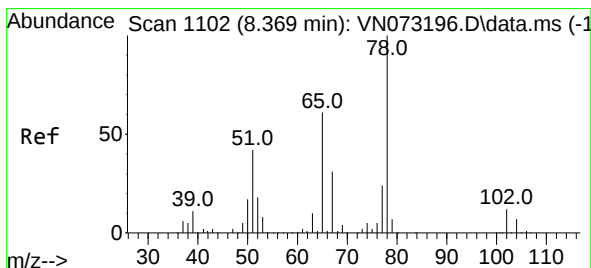
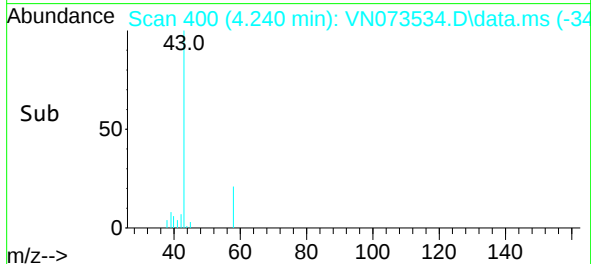
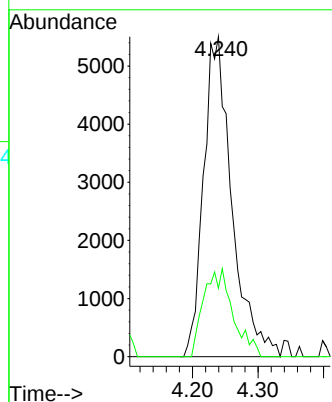
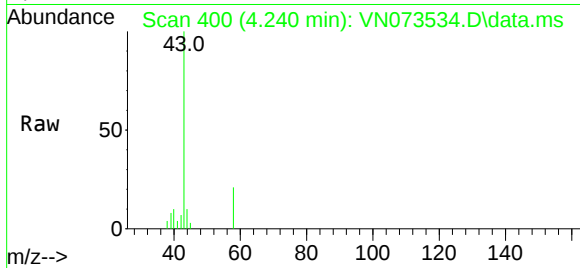




#16
Acetone
Concen: 7.862 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

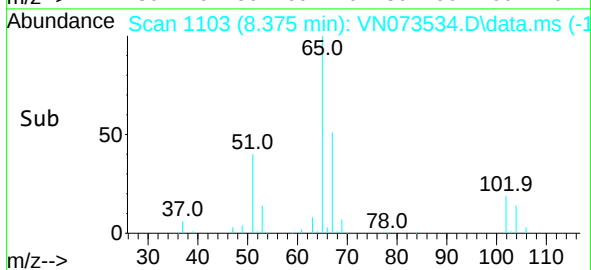
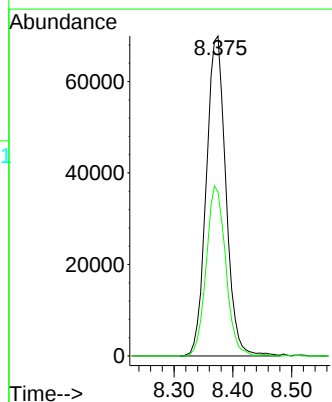
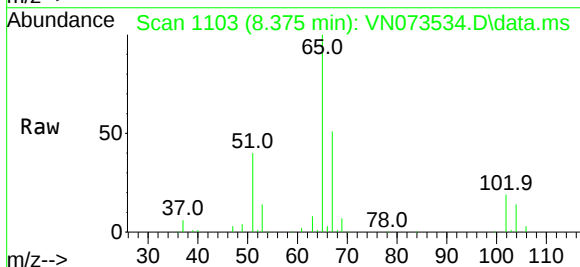
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-40811

Tgt Ion: 43 Resp: 16478
Ion Ratio Lower Upper
43 100
58 21.4 26.0 39.0#



#33
1,2-Dichloroethane-d4
Concen: 43.292 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

Tgt Ion: 65 Resp: 161652
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073534.D

Acq: 20 Jul 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-40811

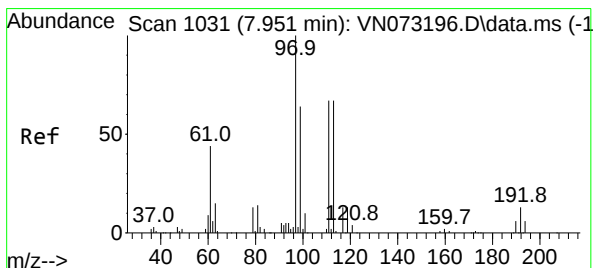
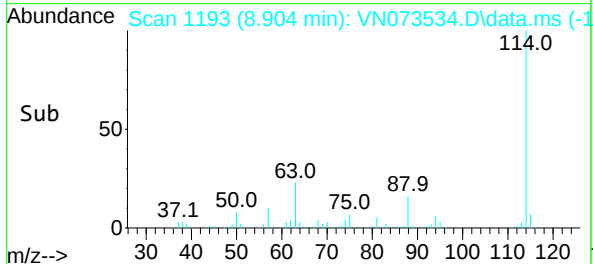
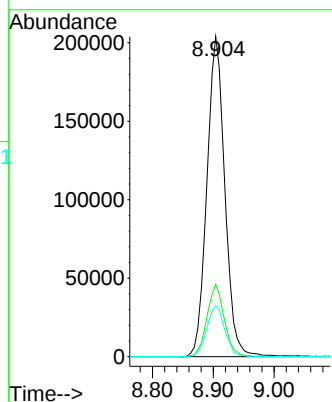
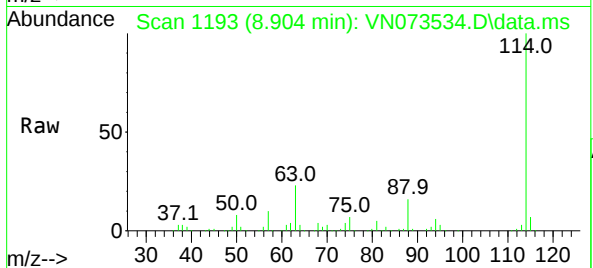
Tgt Ion:114 Resp: 417893

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.133 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073534.D

Acq: 20 Jul 2022 20:10

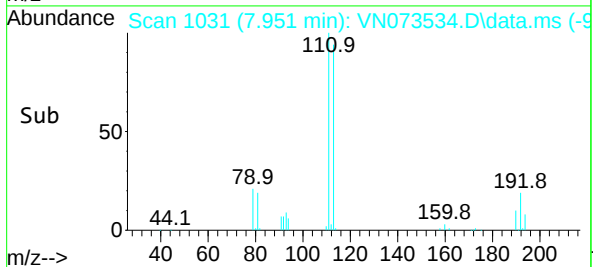
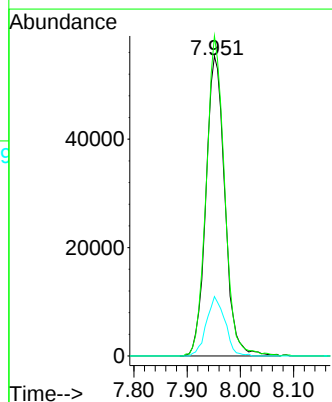
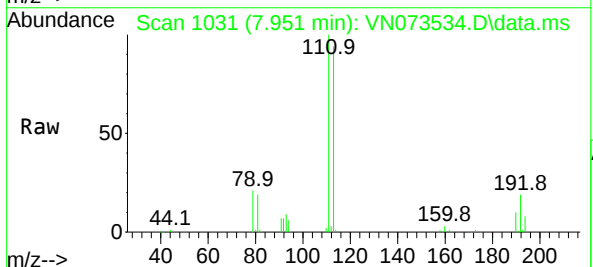
Tgt Ion:113 Resp: 136606

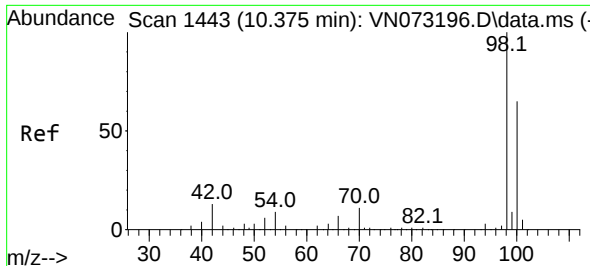
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.5 17.0 25.6

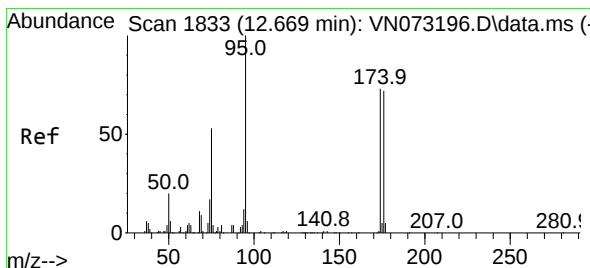
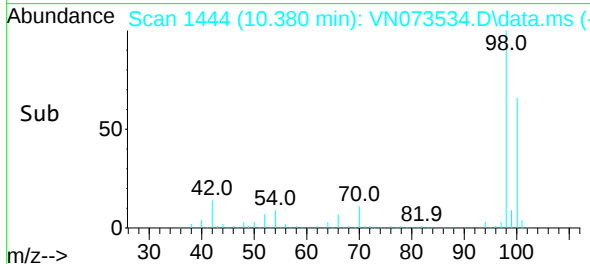
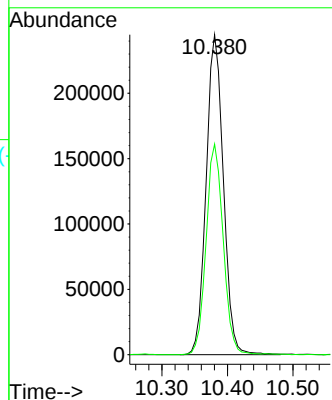
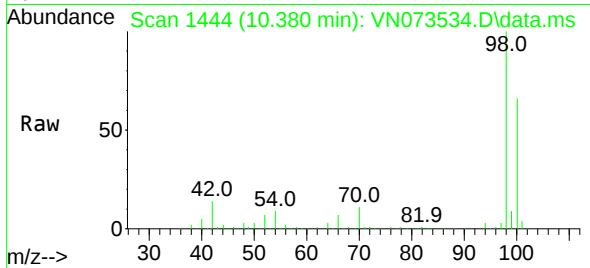




#50
Toluene-d8
Concen: 45.328 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

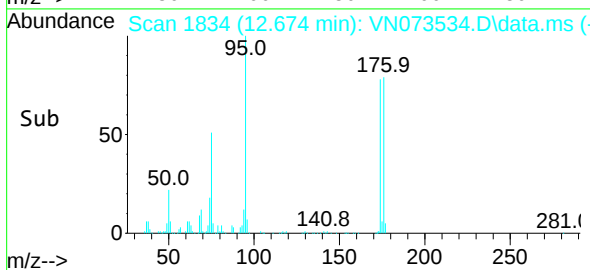
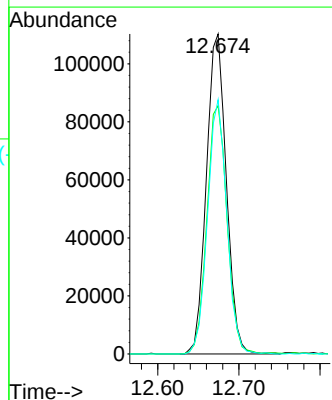
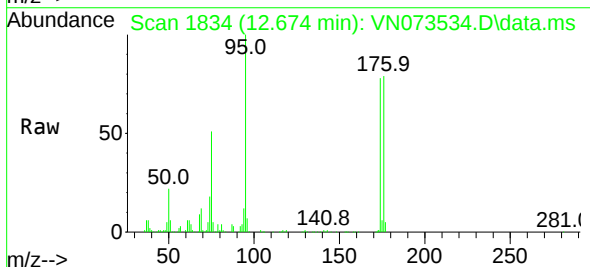
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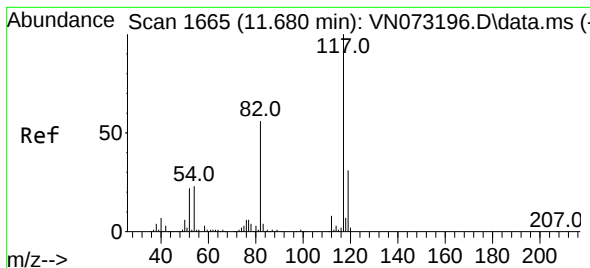
Tgt Ion: 98 Resp: 447604
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.507 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

Tgt Ion: 95 Resp: 187871
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 76.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073534.D

Acq: 20 Jul 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-40811

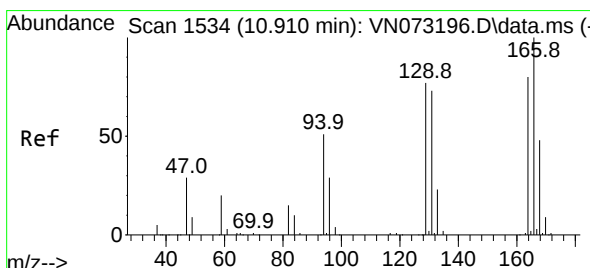
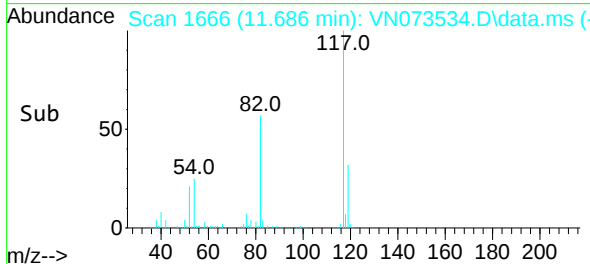
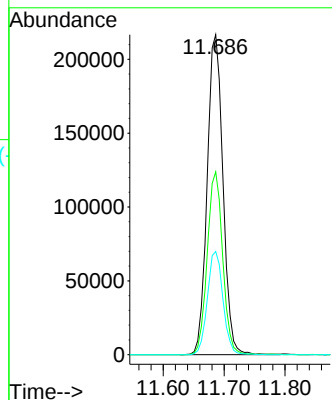
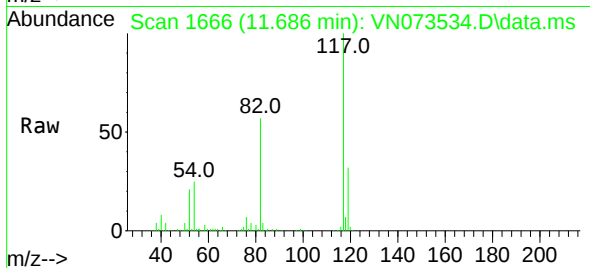
Tgt Ion:117 Resp: 389685

Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.2

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 1.012 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073534.D

Acq: 20 Jul 2022 20:10

Tgt Ion:164 Resp: 3221

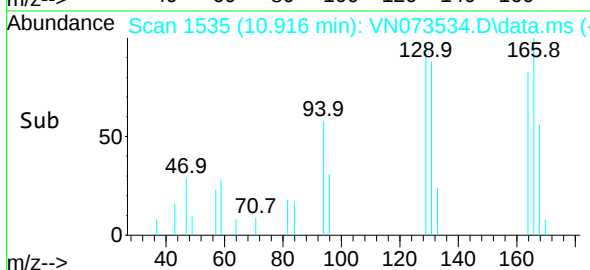
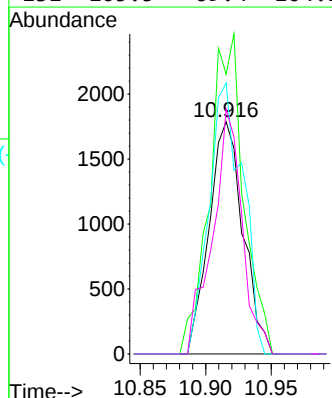
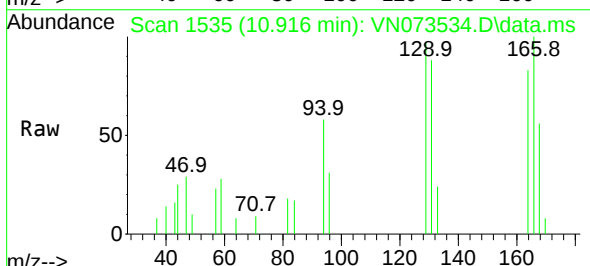
Ion Ratio Lower Upper

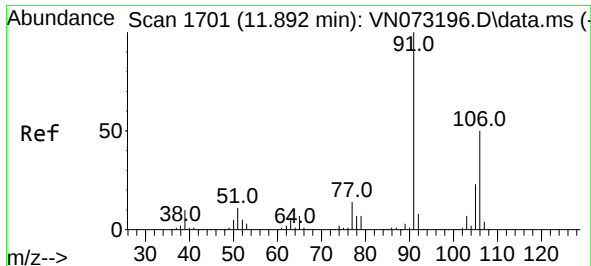
164 100

166 120.5 104.2 156.2

129 116.7 73.9 110.9#

131 105.5 69.4 104.2#

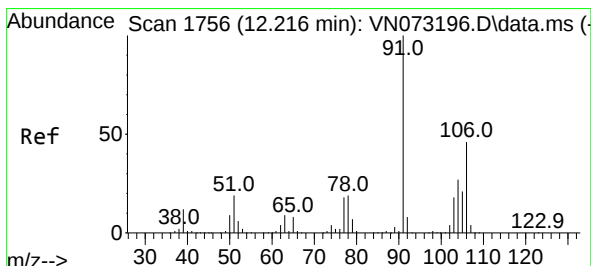
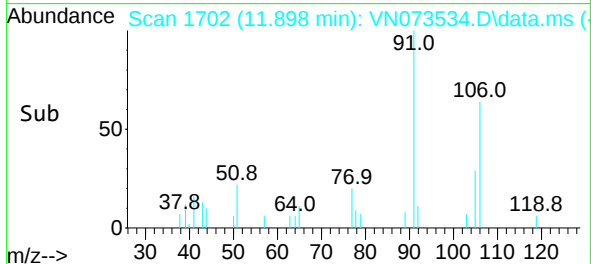
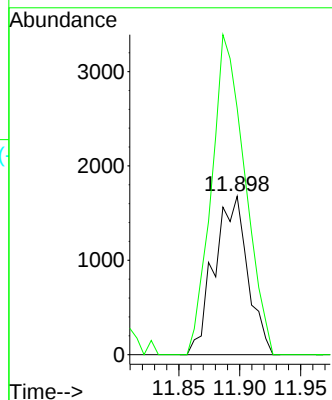
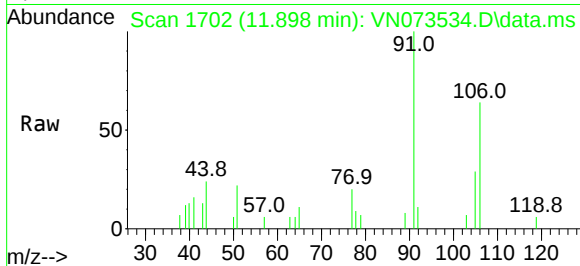




#68
m/p-Xylenes
Concen: 0.531 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

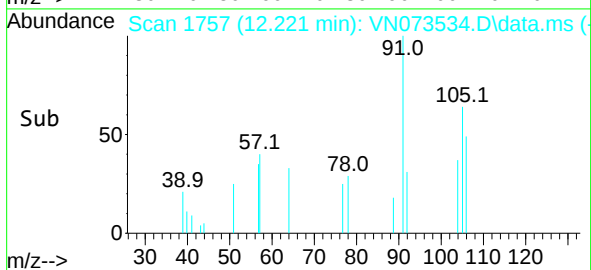
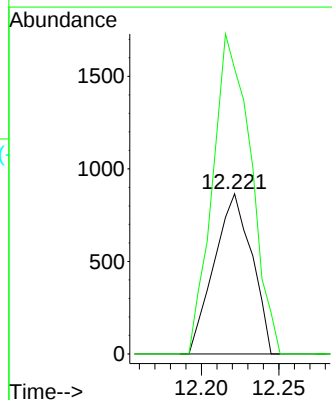
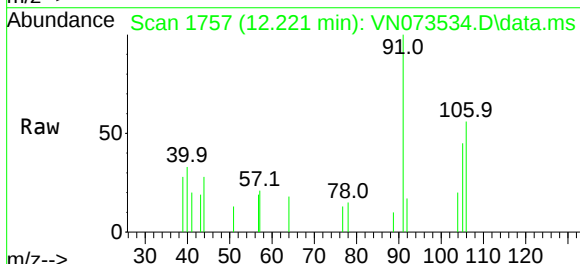
Instrument :
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FRAC-TANK-40811

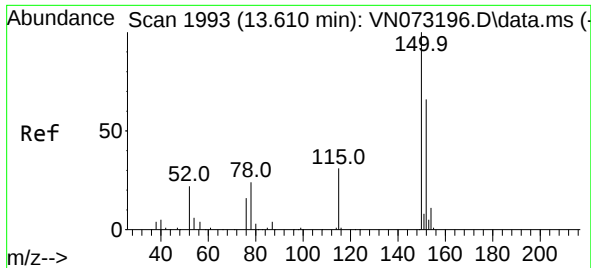
Tgt Ion:106 Resp: 3209
Ion Ratio Lower Upper
106 100
91 201.1 158.9 238.3



#69
o-Xylene
Concen: 0.237 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073534.D
Acq: 20 Jul 2022 20:10

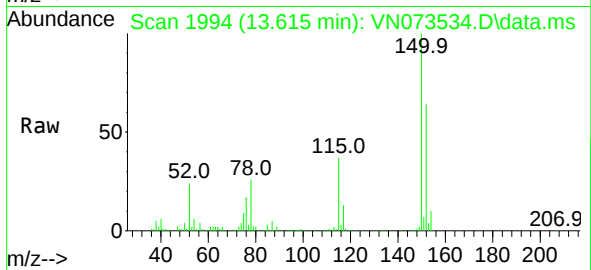
Tgt Ion:106 Resp: 1464
Ion Ratio Lower Upper
106 100
91 202.1 106.0 318.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.005 min
 Lab File: VN073534.D
 Acq: 20 Jul 2022 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-40811



Tgt Ion:152 Resp: 191919
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.9 86.7
 150 158.0 0.0 356.2

