

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073302.D
 Acq On : 01 Jul 2022 17:15
 Operator : JC\MD
 Sample : N3569-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70

Quant Time: Jul 04 05:06:48 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)

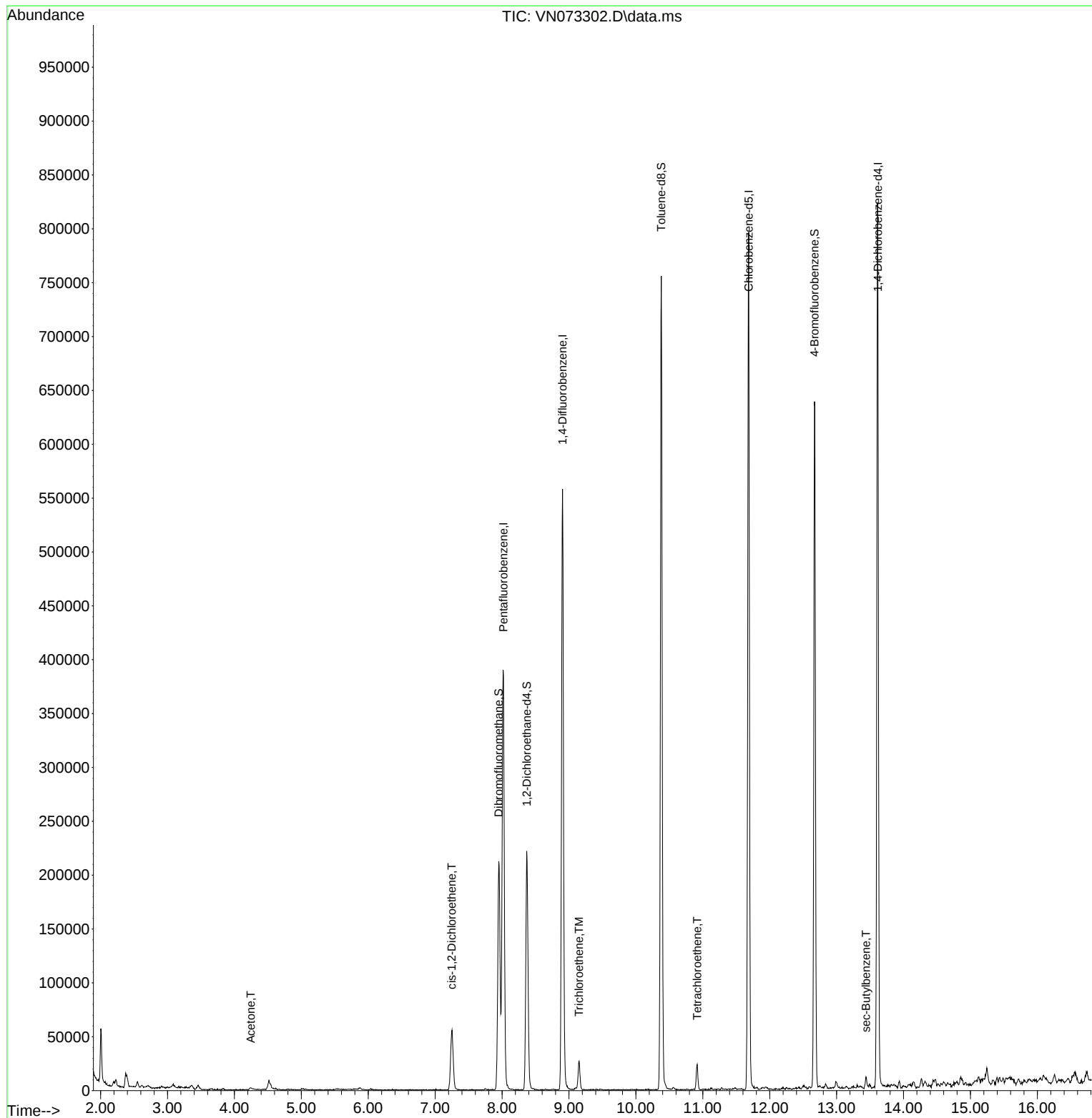
Internal Standards						
1) Pentafluorobenzene	8.022	168	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	485816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	452670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	220085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185997	43.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.480%
35) Dibromofluoromethane	7.951	113	158139	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.380	98	515925	44.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.668	95	227500	51.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%
Target Compounds						
					Qvalue	
16) Acetone	4.245	43	3720	1.541	ug/l	91
27) cis-1,2-Dichloroethene	7.245	96	34746	7.829	ug/l	92
44) Trichloroethene	9.151	130	9866	2.526	ug/l	92
64) Tetrachloroethene	10.916	164	5294	1.432	ug/l	95
85) sec-Butylbenzene	13.439	105	5691	0.305	ug/l	90

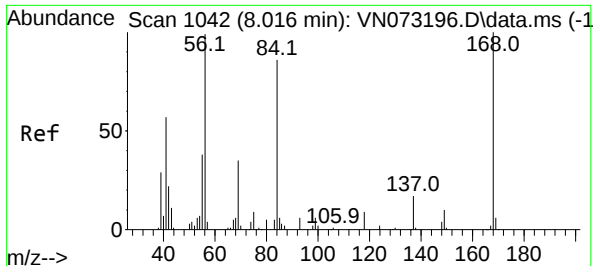
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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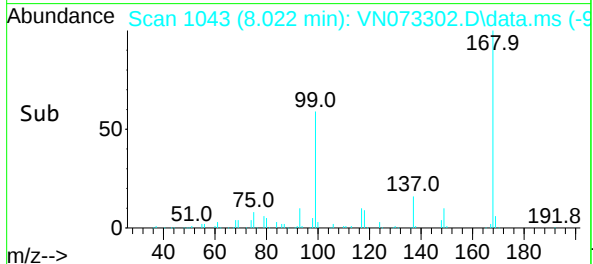
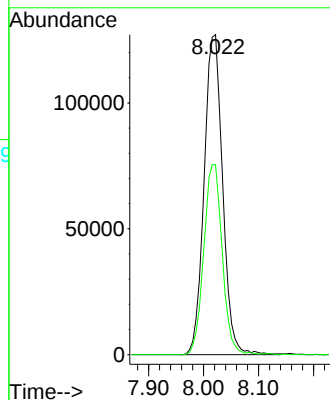
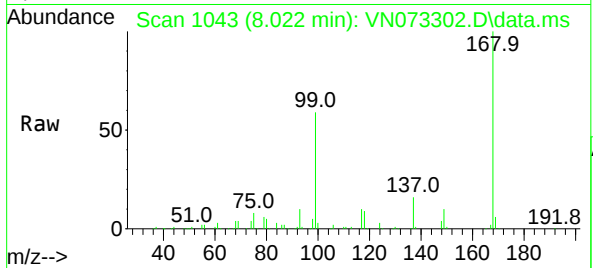




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

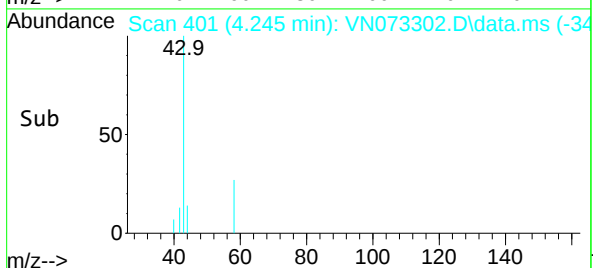
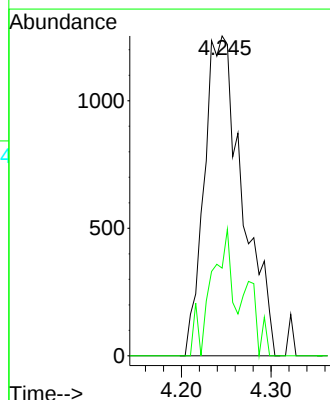
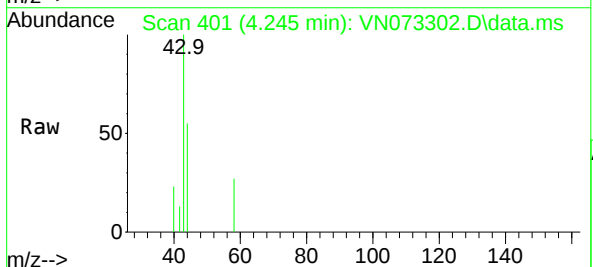
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-70

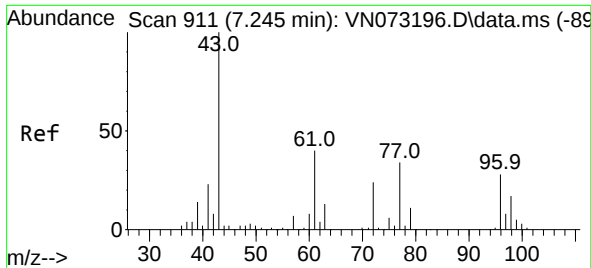
Tgt Ion:168 Resp: 297943
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#16
Acetone
Concen: 1.541 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 43 Resp: 3720
Ion Ratio Lower Upper
43 100
58 27.4 26.0 39.0

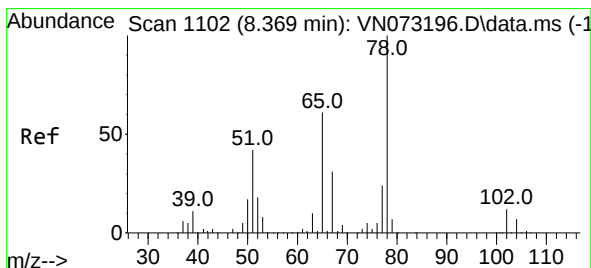
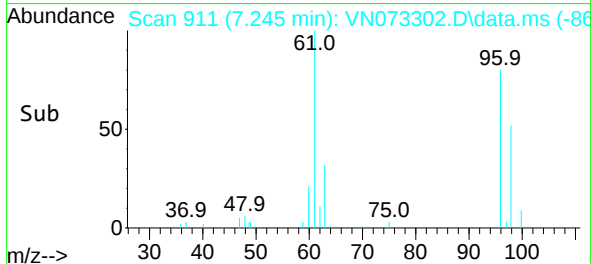
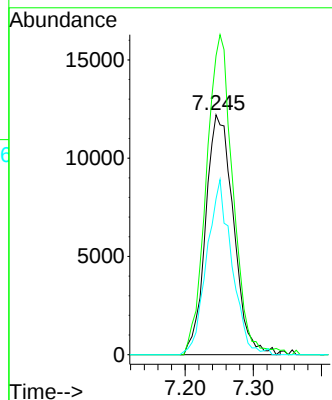
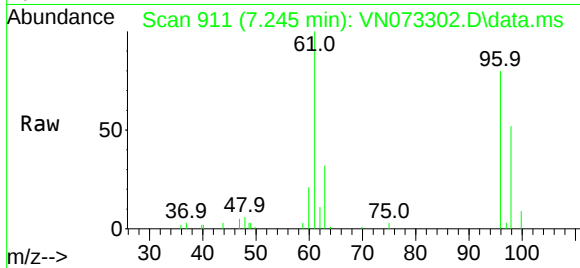




#27
 cis-1,2-Dichloroethene
 Concen: 7.829 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

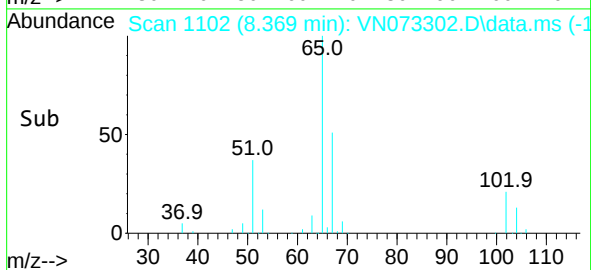
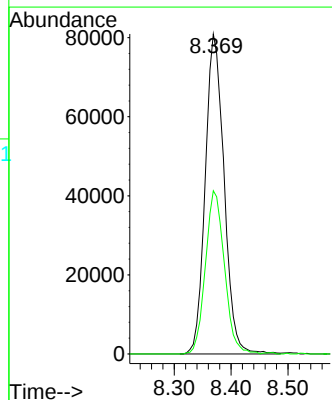
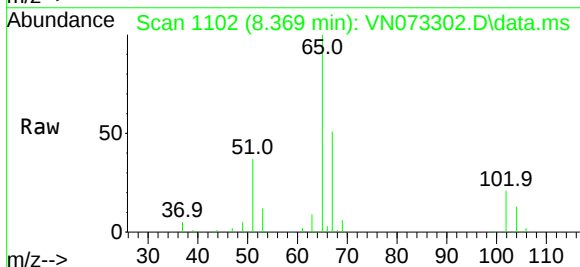
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70

Tgt Ion: 96 Resp: 34746
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 280.6
 98 65.8 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 43.244 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

Tgt Ion: 65 Resp: 185997
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073302.D

Acq: 01 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-70

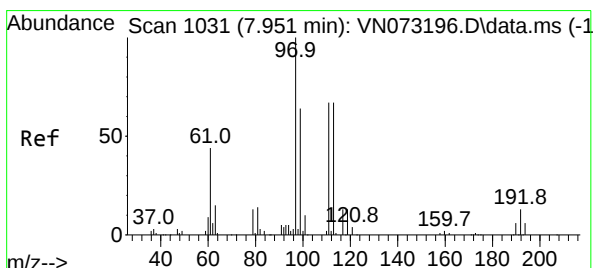
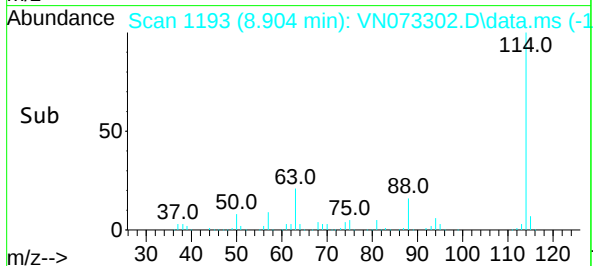
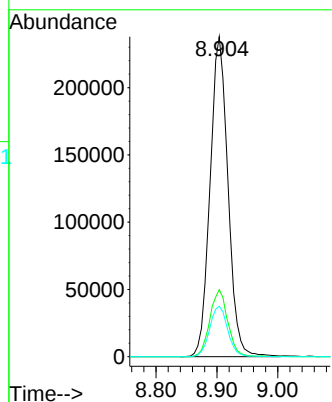
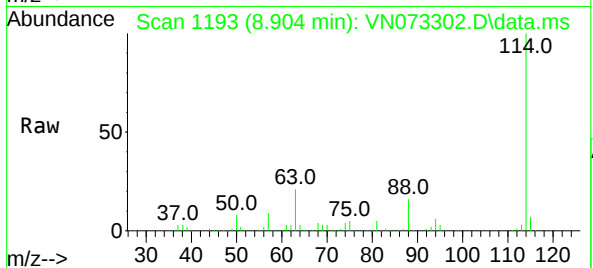
Tgt Ion:114 Resp: 485816

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.926 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073302.D

Acq: 01 Jul 2022 17:15

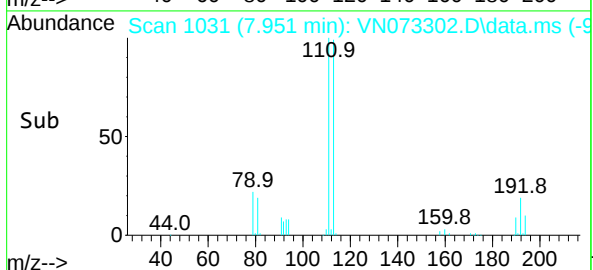
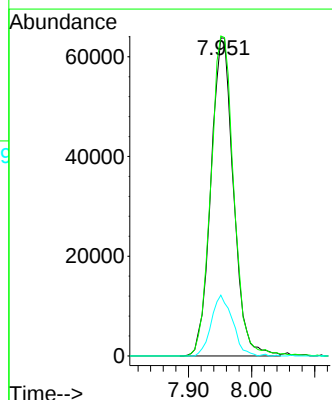
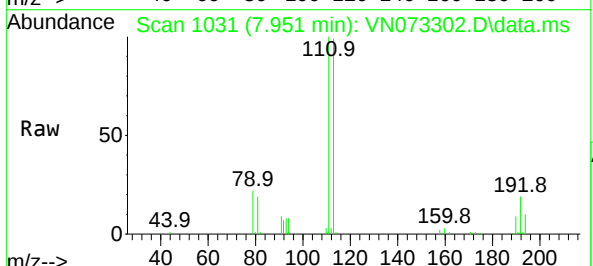
Tgt Ion:113 Resp: 158139

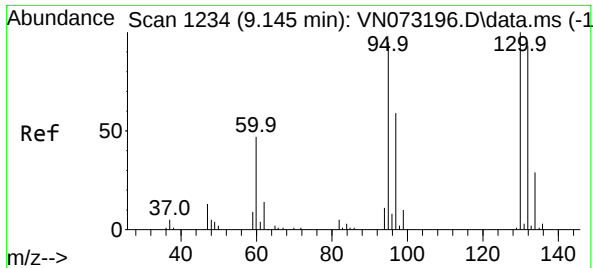
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.0 17.0 25.6

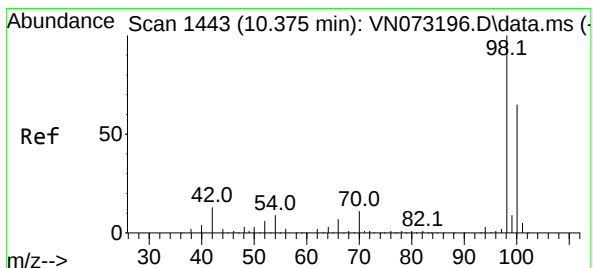
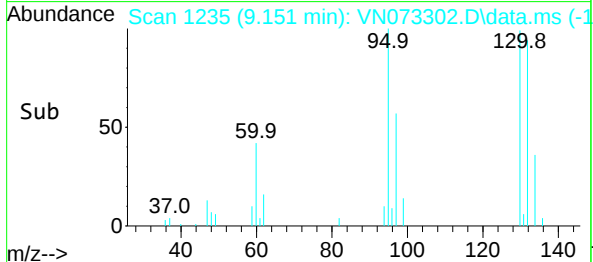
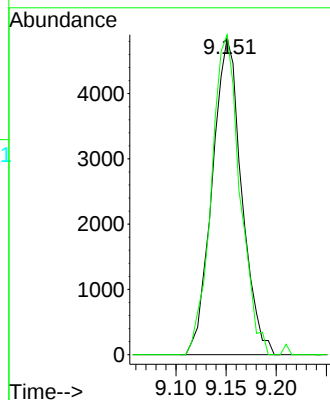
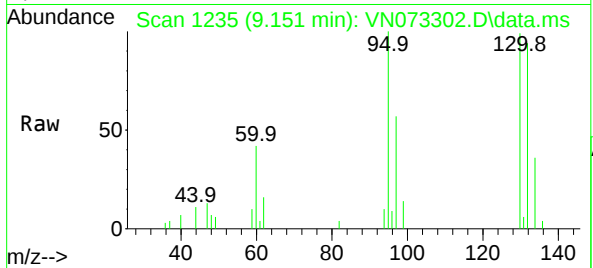




#44
Trichloroethene
Concen: 2.526 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

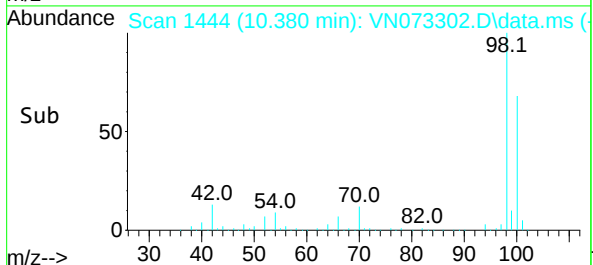
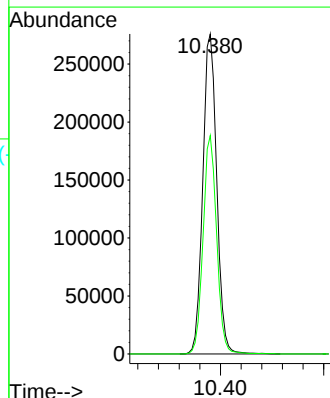
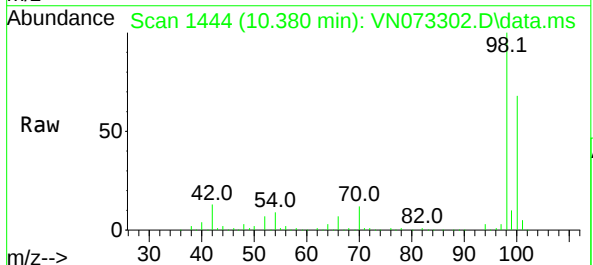
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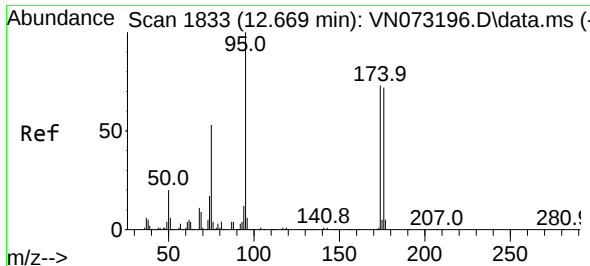
Tgt Ion:130 Resp: 9866
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.8



#50
Toluene-d8
Concen: 44.942 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 98 Resp: 515925
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

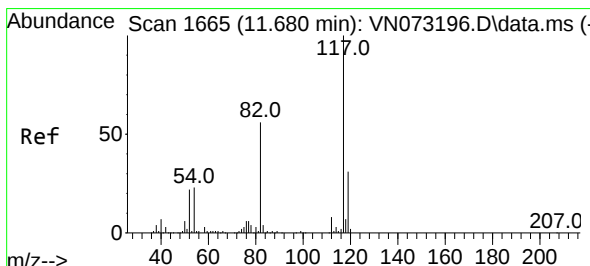
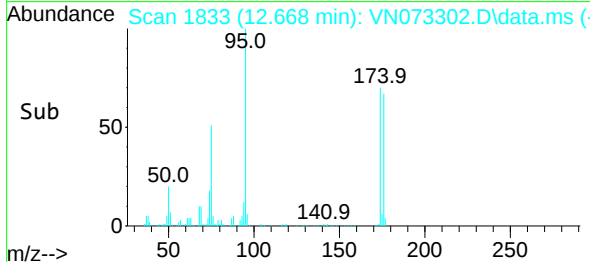
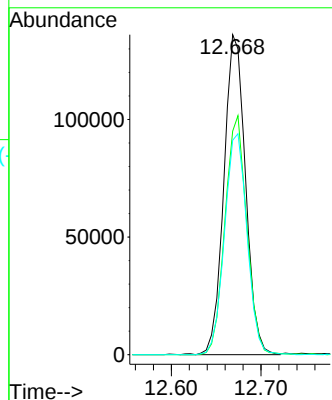
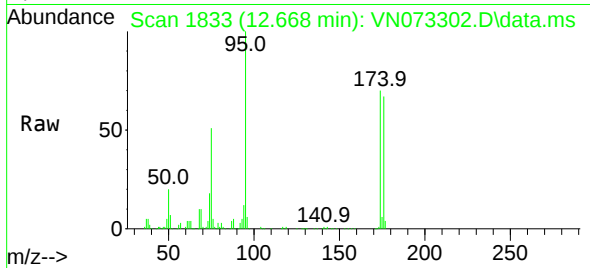




#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

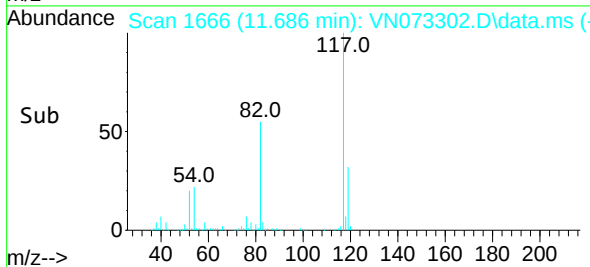
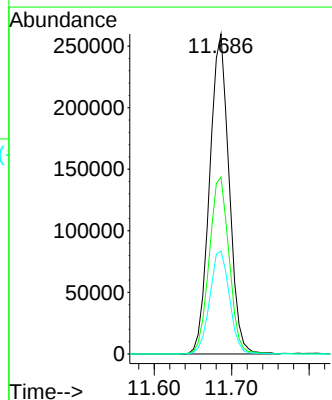
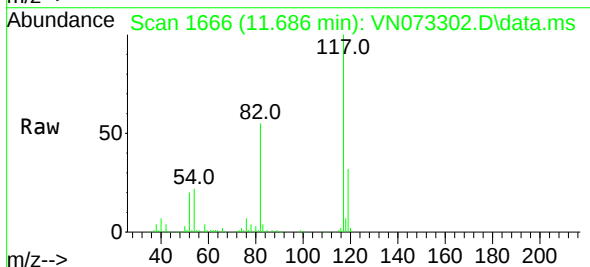
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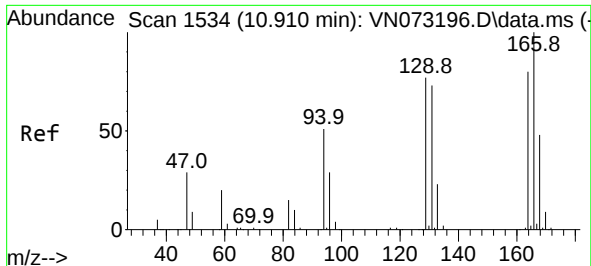
Tgt Ion: 95 Resp: 227500
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion: 117 Resp: 452670
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.2 25.4 38.0

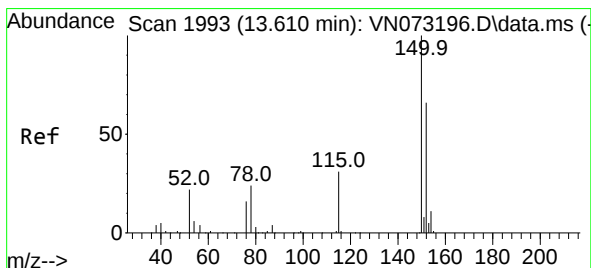
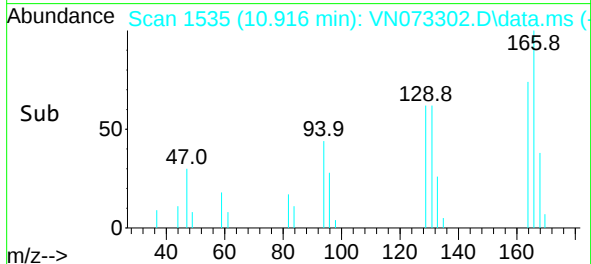
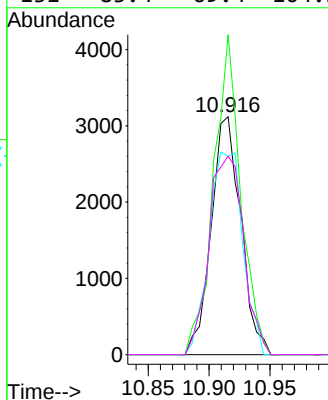
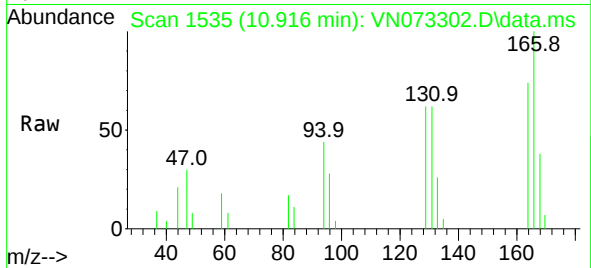




#64
Tetrachloroethene
Concen: 1.432 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

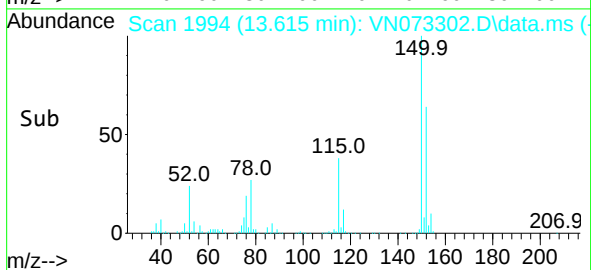
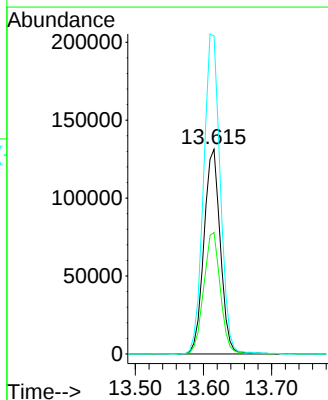
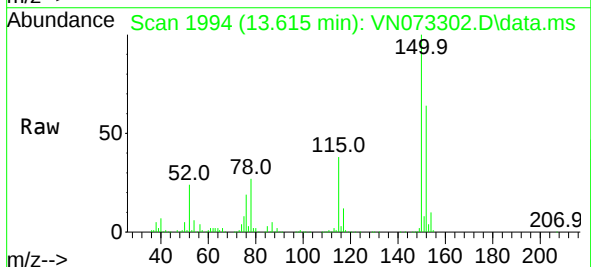
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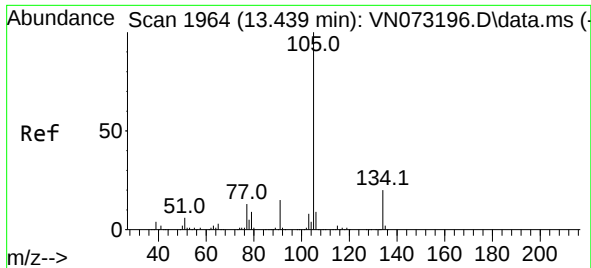
Tgt Ion:164	Resp:	5294
Ion	Ratio	Lower Upper
164	100	
166	134.5	104.2 156.2
129	83.2	73.9 110.9
131	83.4	69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073302.D
Acq: 01 Jul 2022 17:15

Tgt Ion:152	Resp:	220085
Ion	Ratio	Lower Upper
152	100	
115	60.1	28.9 86.7
150	159.1	0.0 356.2





#85
 sec-Butylbenzene
 Concen: 0.305 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073302.D
 Acq: 01 Jul 2022 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-70

Tgt Ion:105 Resp: 5691
 Ion Ratio Lower Upper
 105 100
 134 25.3 10.4 31.1

