

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032958.D
 Acq On : 21 Nov 2022 17:28
 Operator : JC/MD
 Sample : N5729-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S-20221117

Quant Time: Nov 22 05:12:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

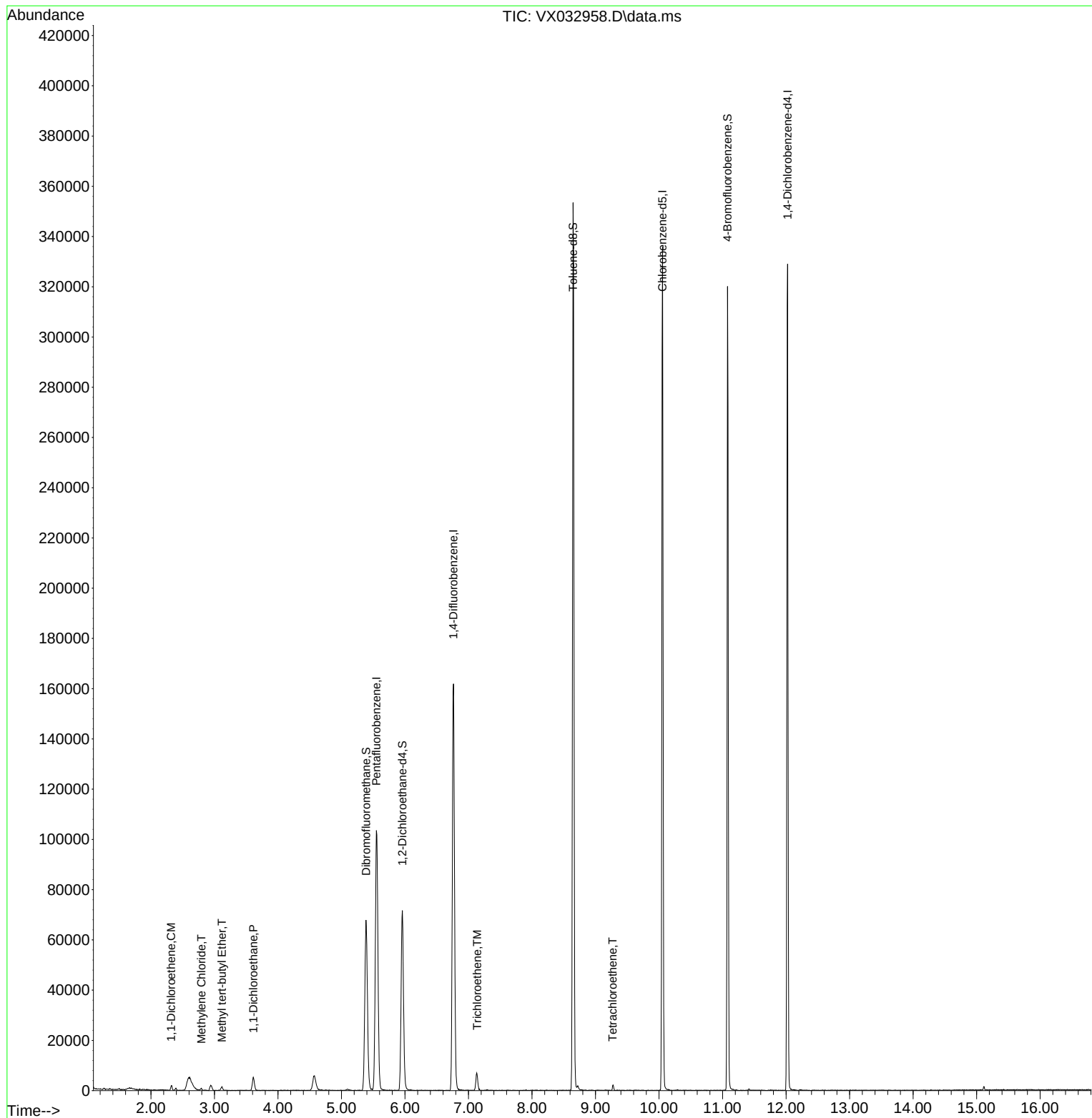
Internal Standards						
1) Pentafluorobenzene	5.550	168	99596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71169	51.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.860%	
35) Dibromofluoromethane	5.385	113	57230	48.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.460%	
50) Toluene-d8	8.647	98	209773	50.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	77975	48.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	658	0.659	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	1455	0.414	ug/l	92
20) Methylene Chloride	2.794	84	382	0.331	ug/l #	72
24) 1,1-Dichloroethane	3.611	63	6051	3.055	ug/l	97
44) Trichloroethene	7.135	130	2900	2.203	ug/l	89
64) Tetrachloroethene	9.269	164	392	0.359	ug/l #	72

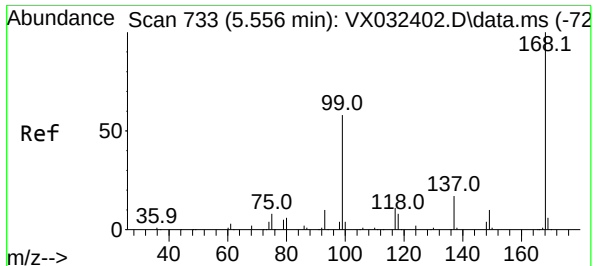
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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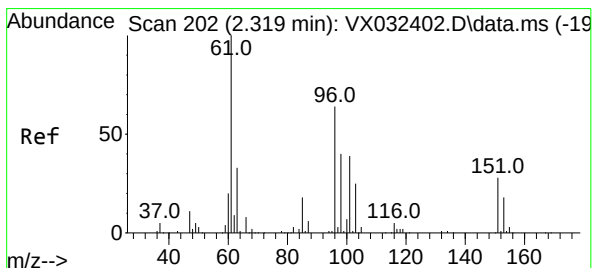
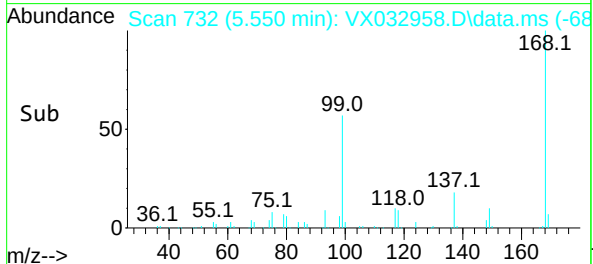
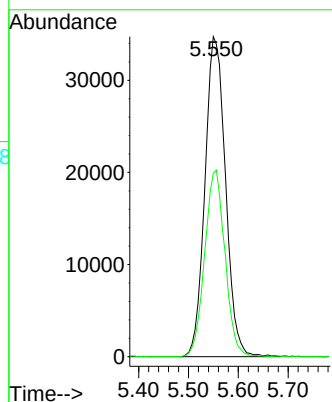
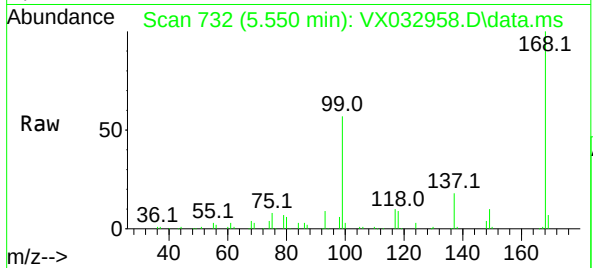




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

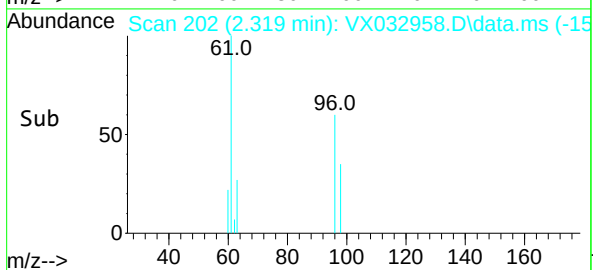
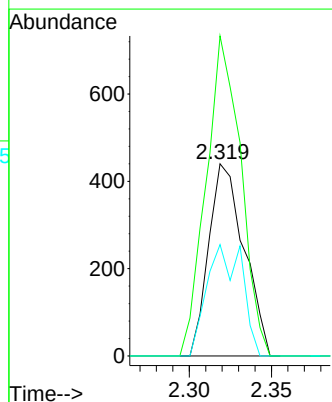
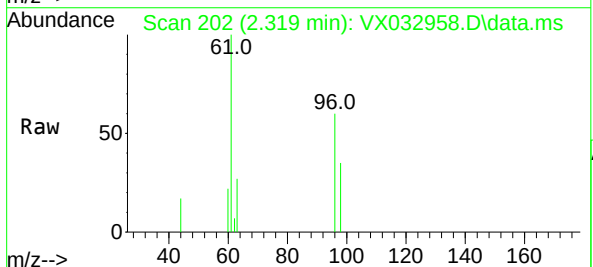
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

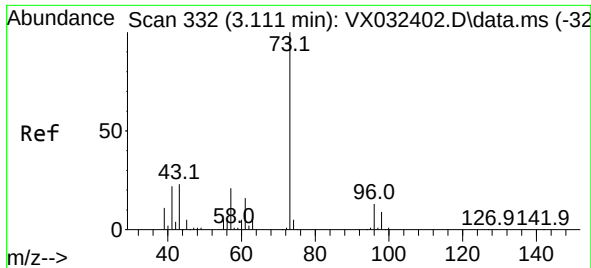
Tgt Ion:168 Resp: 99596
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#12
1,1-Dichloroethene
Concen: 0.659 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 166.6 125.1 187.7
98 58.0 50.6 76.0

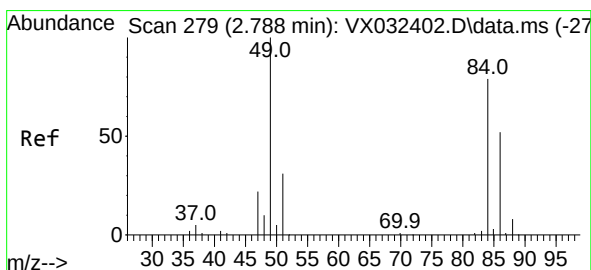
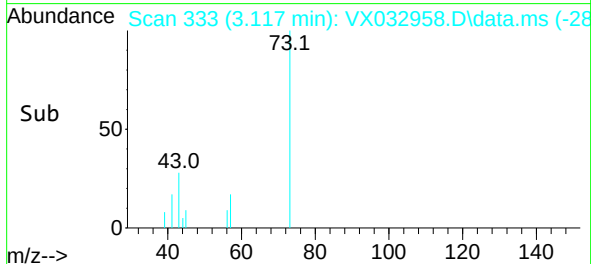
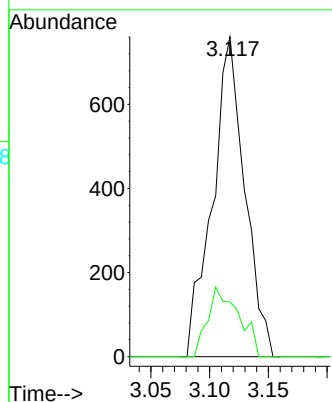
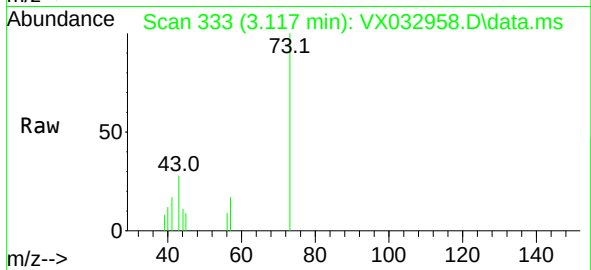




#19
Methyl tert-butyl Ether
Concen: 0.414 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

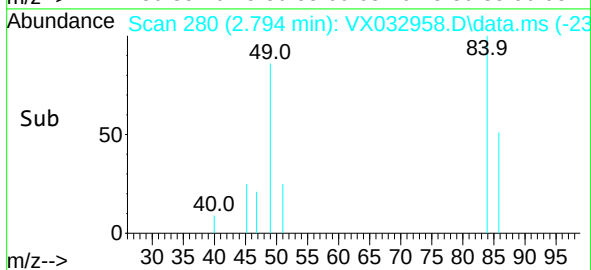
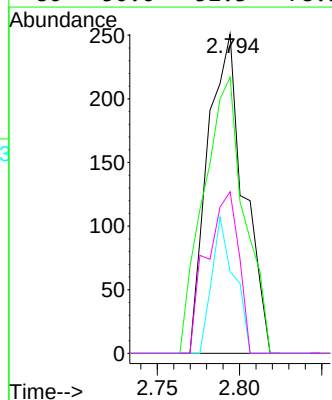
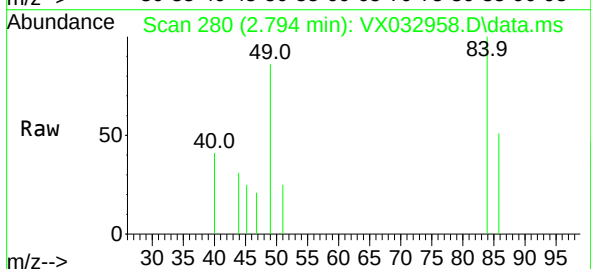
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

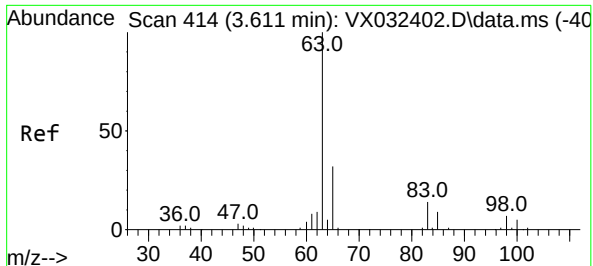
Tgt Ion: 73 Resp: 1455
Ion Ratio Lower Upper
73 100
57 17.1 16.6 25.0



#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 84 Resp: 382
Ion Ratio Lower Upper
84 100
49 86.5 101.0 151.6#
51 25.5 31.1 46.7#
86 50.6 52.3 78.5#

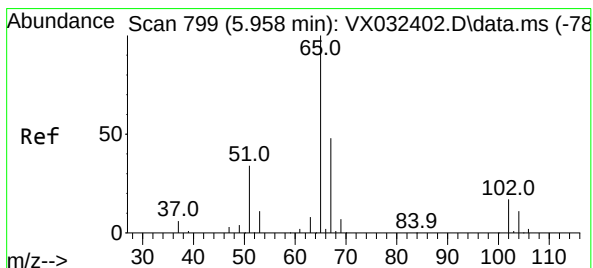
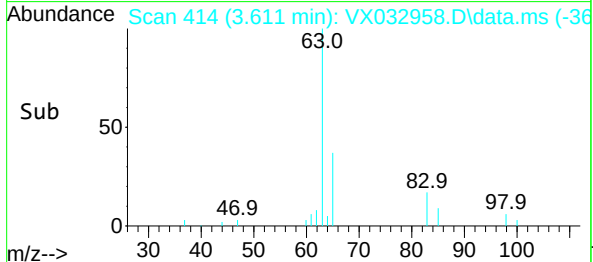
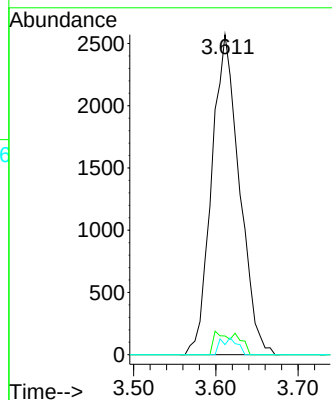
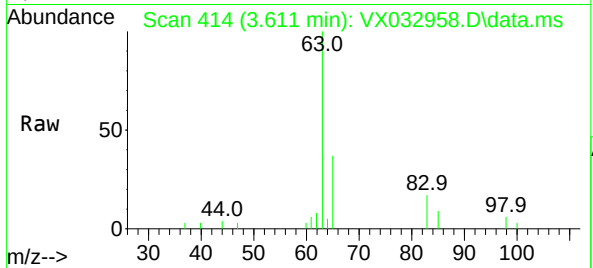




#24
 1,1-Dichloroethane
 Concen: 3.055 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032958.D
 Acq: 21 Nov 2022 17:28

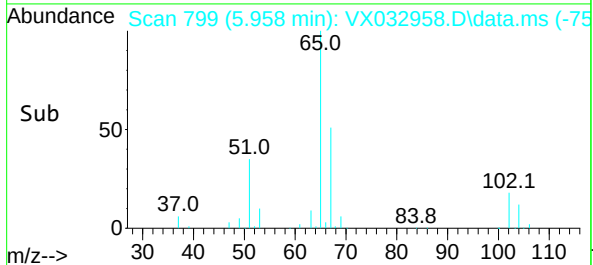
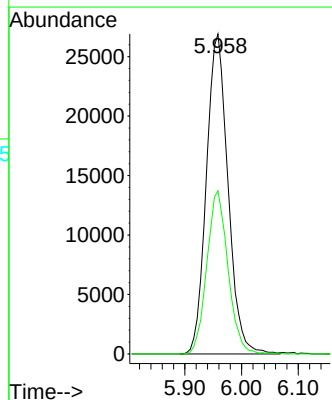
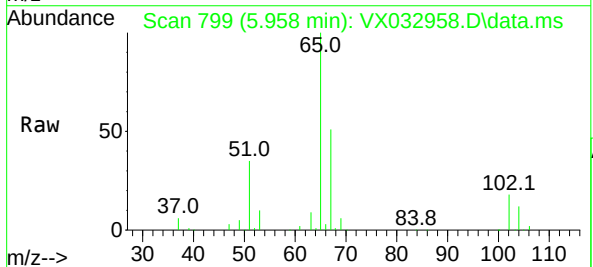
Instrument :
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 ClientSampleId :
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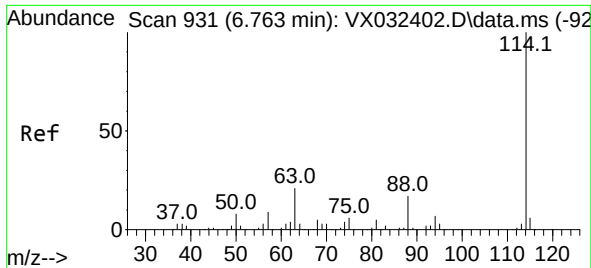
Tgt Ion: 63 Resp: 6051
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 3.2 2.3 6.8



#33
 1,2-Dichloroethane-d4
 Concen: 51.428 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032958.D
 Acq: 21 Nov 2022 17:28

Tgt Ion: 65 Resp: 71169
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8

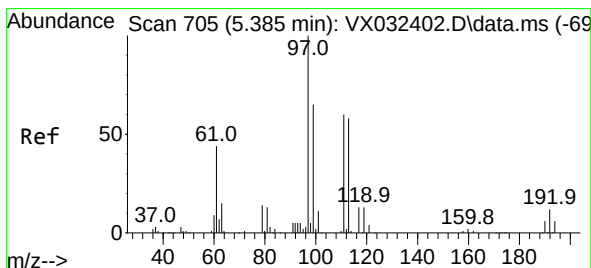
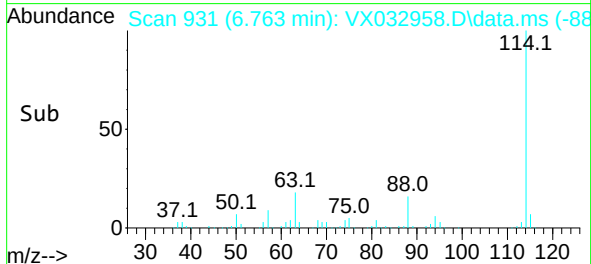
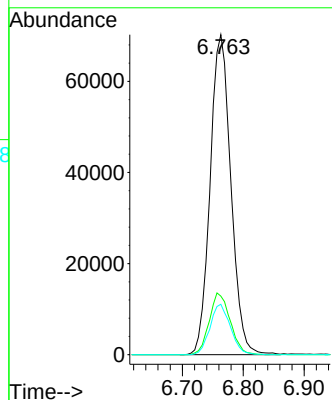
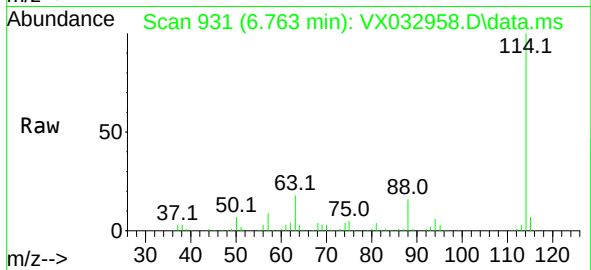




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

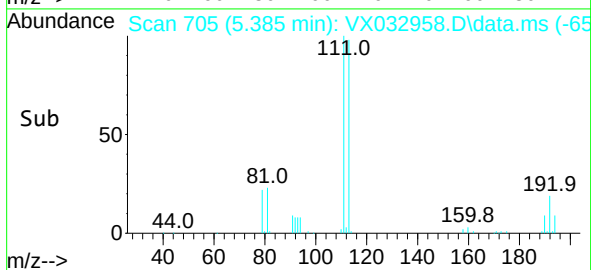
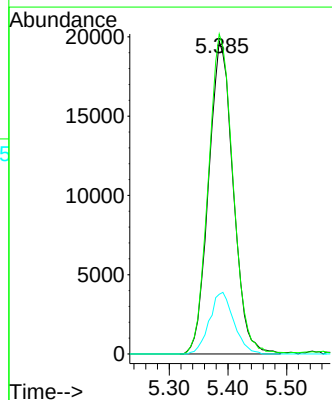
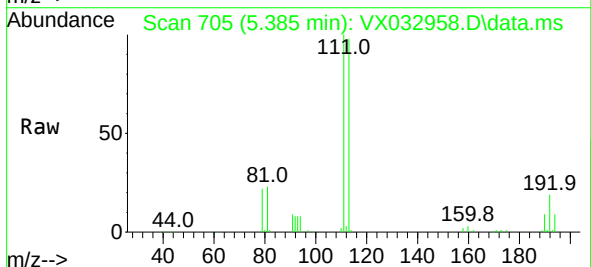
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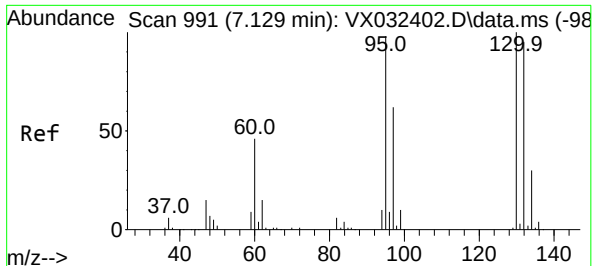
Tgt Ion:114 Resp: 166364
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion:113 Resp: 57230
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.6 15.4 23.2

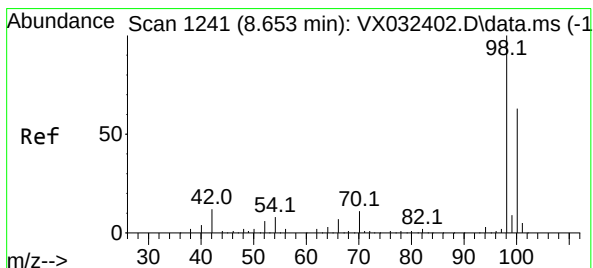
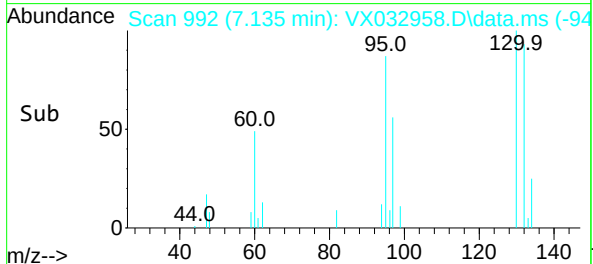
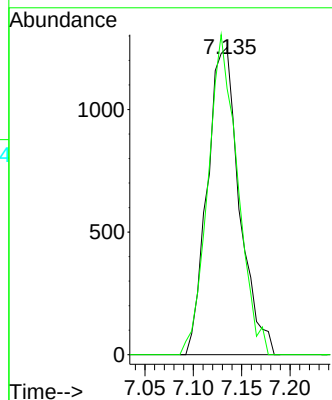
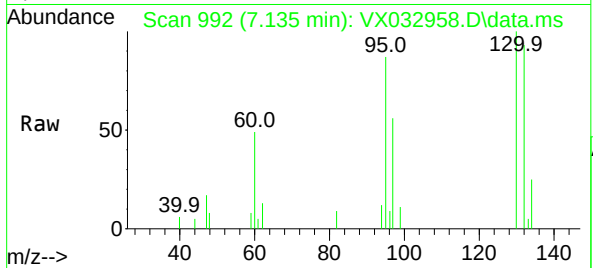




#44
Trichloroethene
Concen: 2.203 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

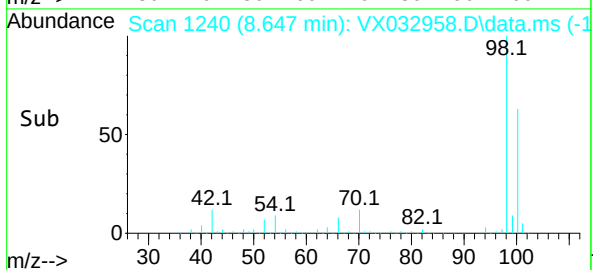
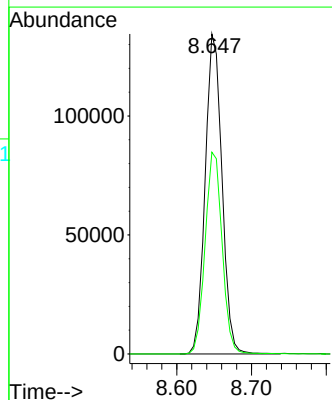
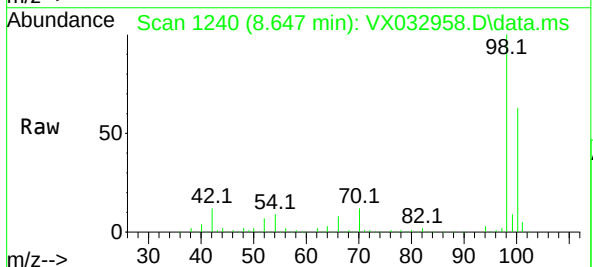
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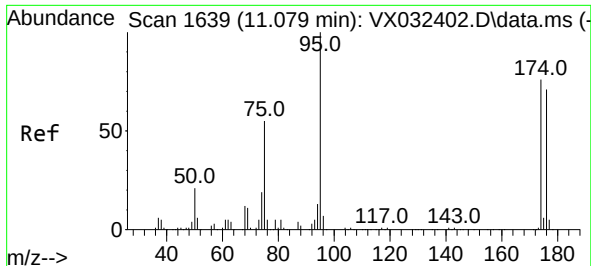
Tgt Ion:130 Resp: 2900
Ion Ratio Lower Upper
130 100
95 86.7 0.0 195.2



#50
Toluene-d8
Concen: 50.837 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 98 Resp: 209773
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

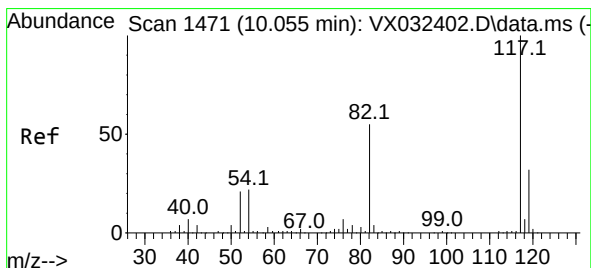
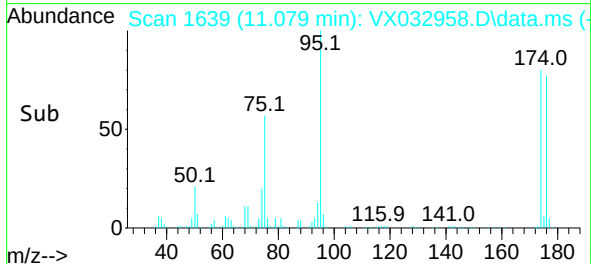
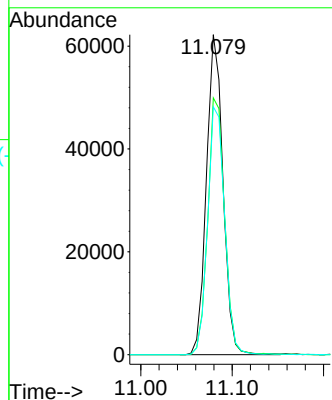
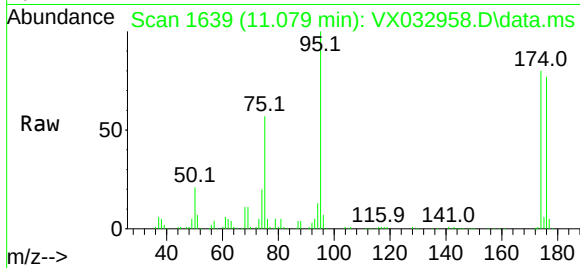




#62
4-Bromofluorobenzene
Concen: 48.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

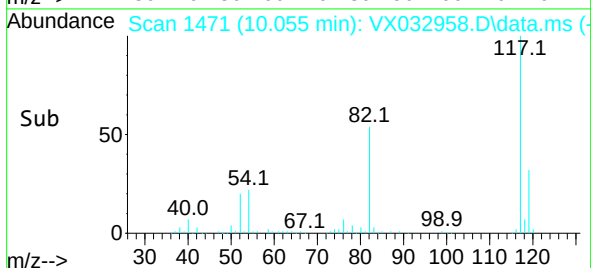
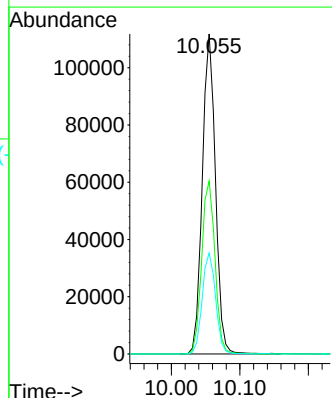
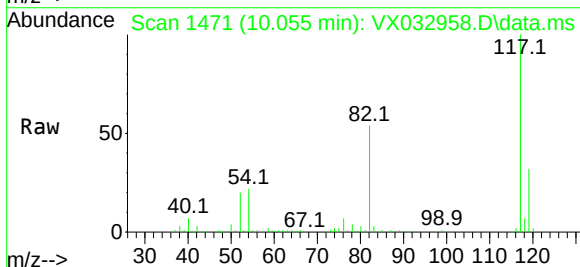
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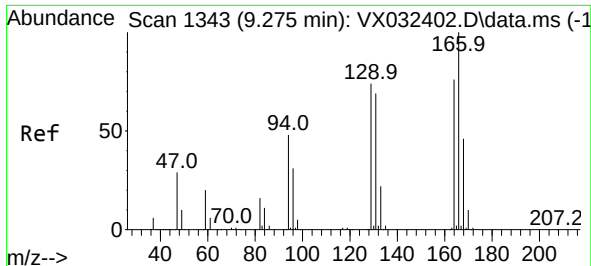
Tgt Ion: 95 Resp: 77975
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

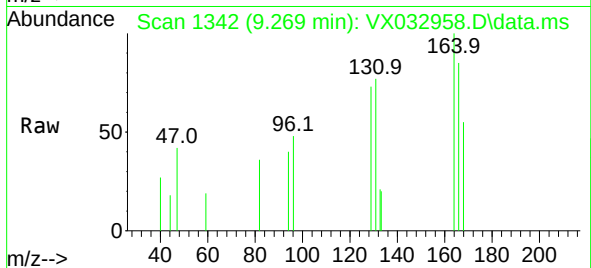
Tgt Ion: 117 Resp: 149379
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.6 25.7 38.5



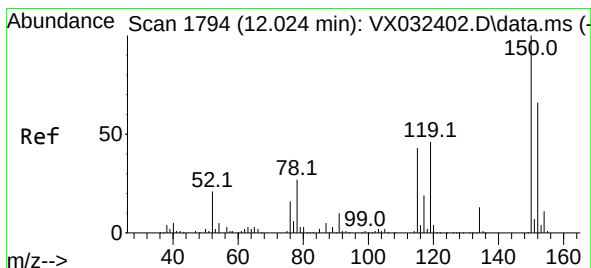
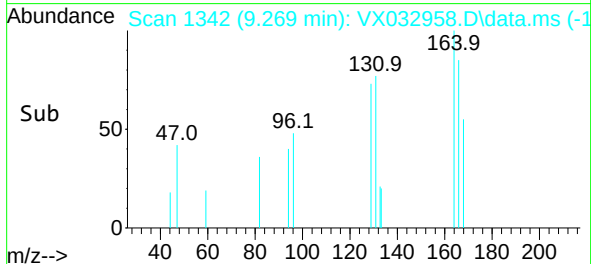
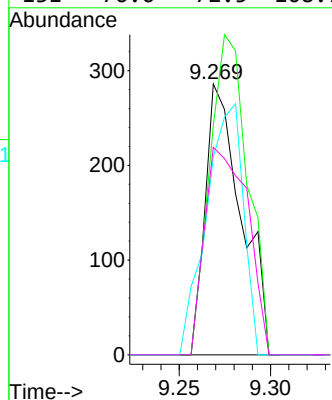


#64
Tetrachloroethene
Concen: 0.359 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117



Tgt Ion:164 Resp: 392
Ion Ratio Lower Upper
164 100
166 84.6 105.4 158.2#
129 73.1 78.2 117.2#
131 76.6 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion:152 Resp: 67914
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 155.7 0.0 351.8

