

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034468.D
 Acq On : 14 Mar 2023 16:30
 Operator : JC/MD
 Sample : 01880-11DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20230310DL

Quant Time: Mar 15 06:49:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

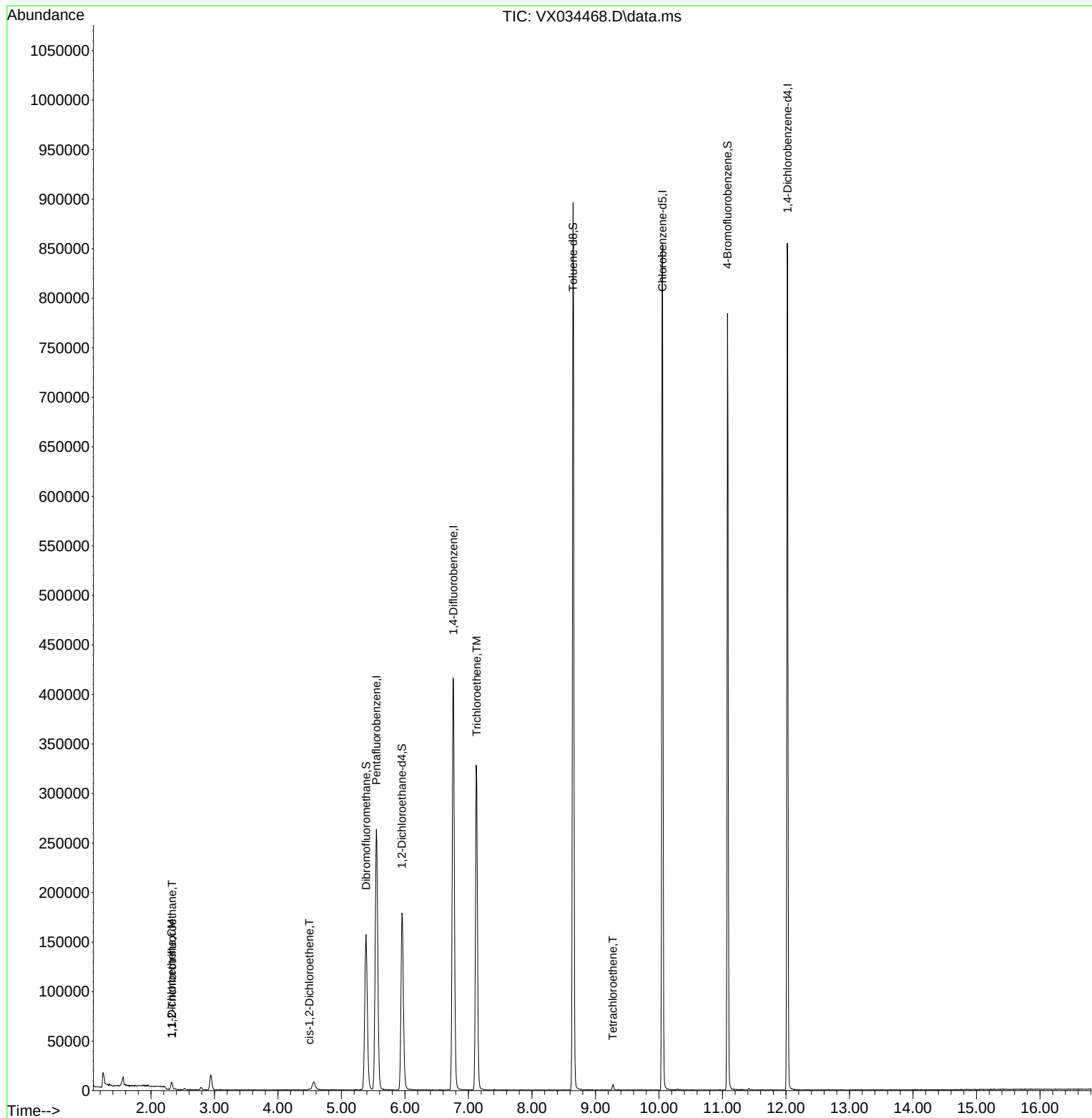
Internal Standards						
1) Pentafluorobenzene	5.550	168	251263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166700	45.604	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.200%	
35) Dibromofluoromethane	5.385	113	134799	47.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.540%	
50) Toluene-d8	8.647	98	518220	49.194	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.380%	
62) 4-Bromofluorobenzene	11.079	95	200206	47.051	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.100%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	2054	0.735	ug/l #	87
12) 1,1-Dichloroethene	2.325	96	1140	0.414	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	804	0.229	ug/l	68
44) Trichloroethene	7.129	130	125171	37.995	ug/l	92
64) Tetrachloroethene	9.275	164	864	0.333	ug/l #	83

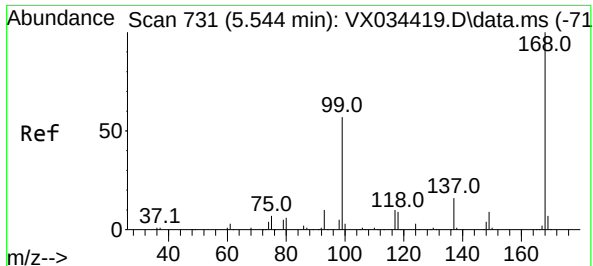
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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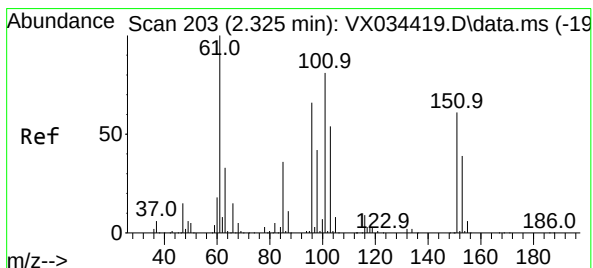
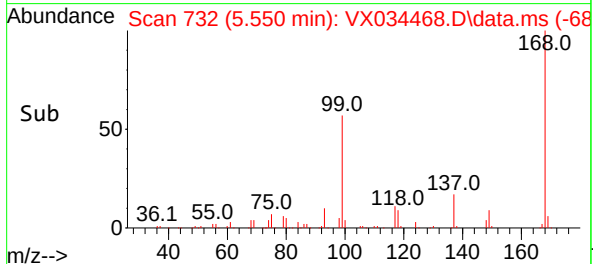
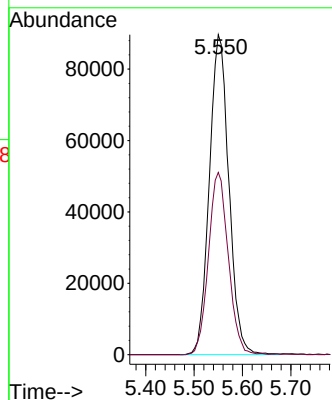
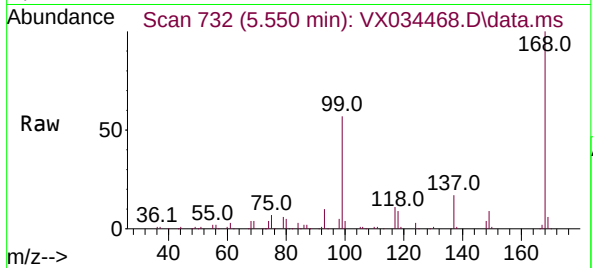




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

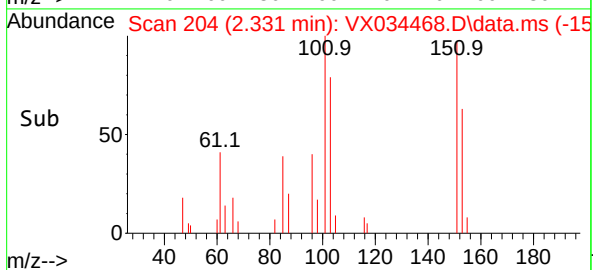
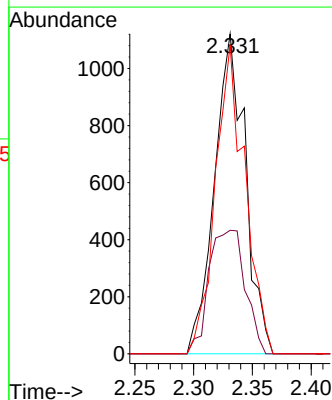
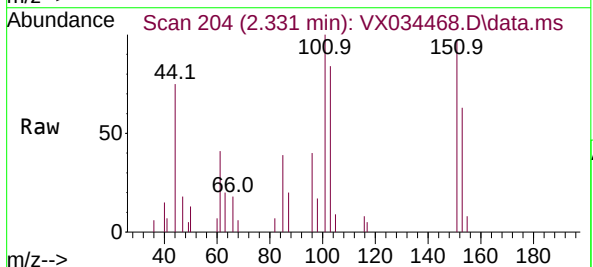
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230310DL

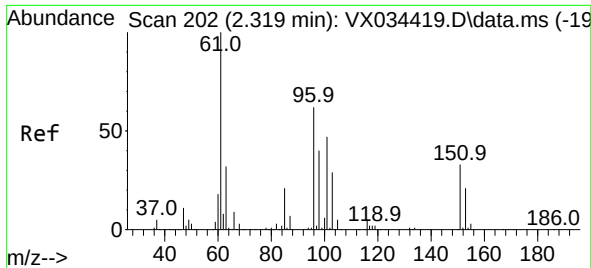
Tgt Ion:168 Resp: 251263
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.735 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

Tgt Ion:101 Resp: 2054
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 92.4 60.2 90.4#

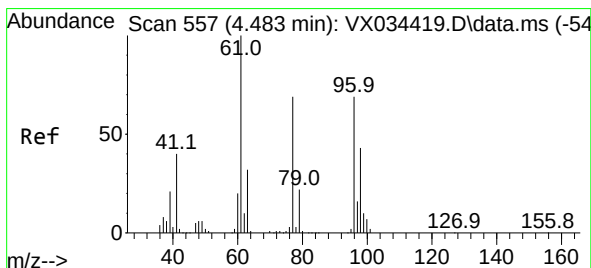
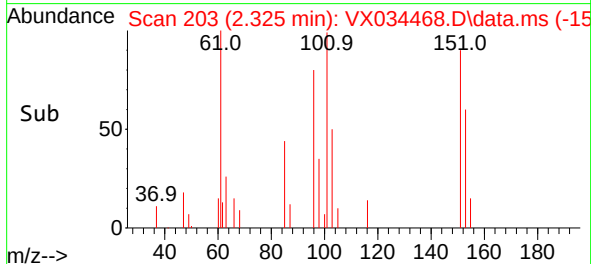
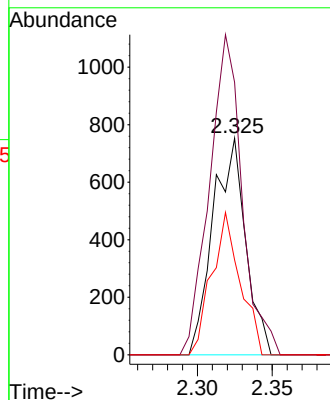
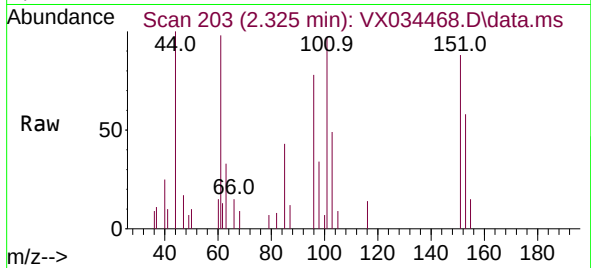




#12
1,1-Dichloroethene
Concen: 0.414 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

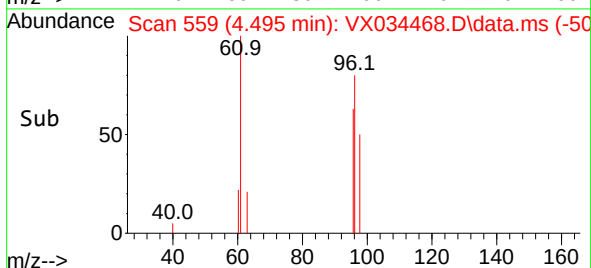
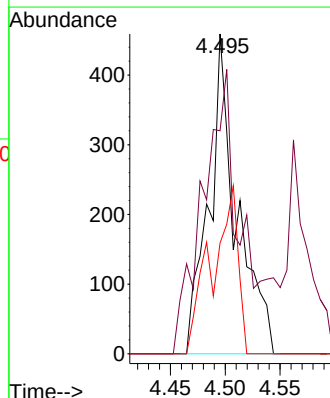
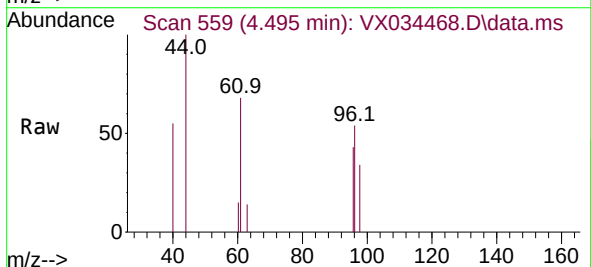
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230310DL

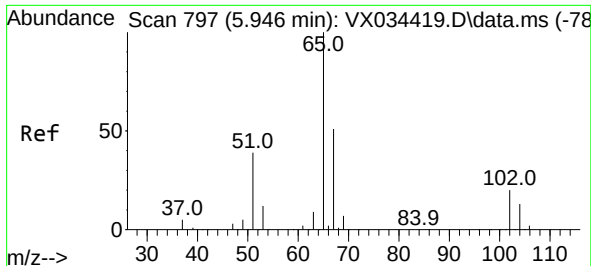
Tgt Ion: 96 Resp: 1140
Ion Ratio Lower Upper
96 100
61 125.8 128.8 193.2#
98 43.8 51.4 77.0#



#27
cis-1,2-Dichloroethene
Concen: 0.229 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

Tgt Ion: 96 Resp: 804
Ion Ratio Lower Upper
96 100
61 115.7 0.0 300.4
98 31.6 0.0 129.0

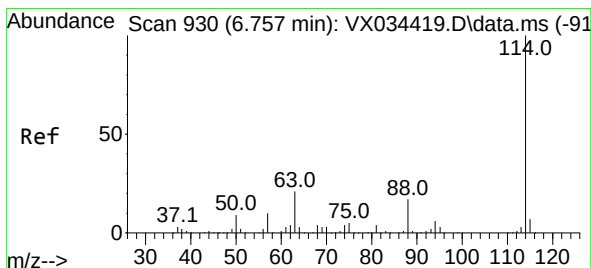
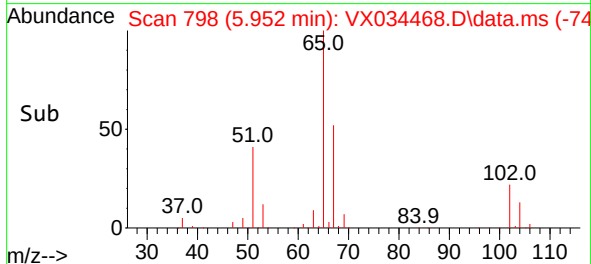
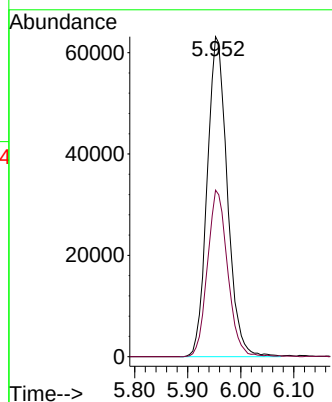
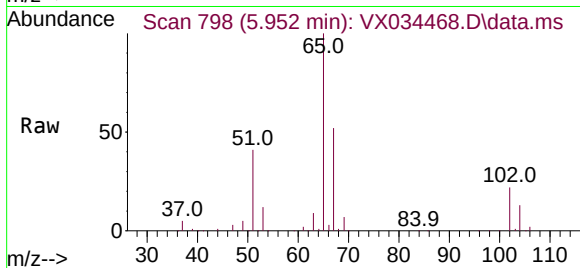




#33
 1,2-Dichloroethane-d4
 Concen: 45.604 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034468.D
 Acq: 14 Mar 2023 16:30

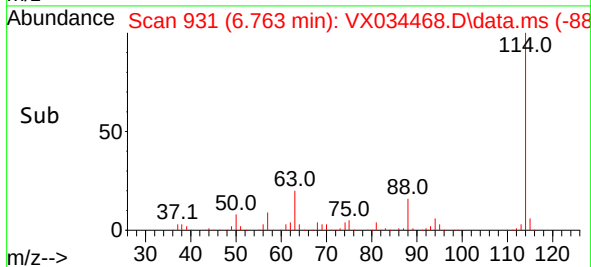
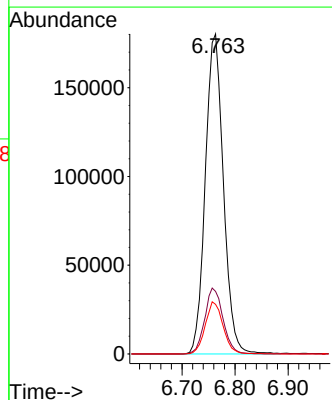
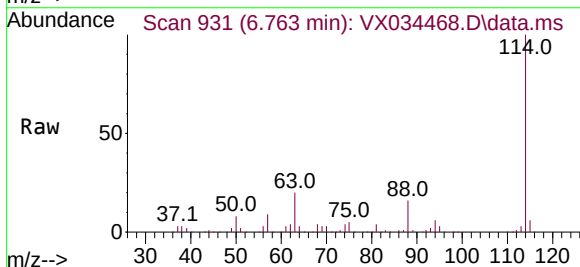
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20230310DL

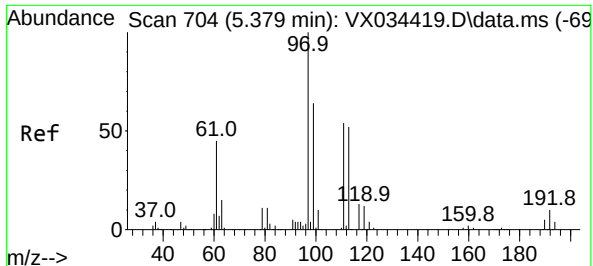
Tgt Ion: 65 Resp: 166700
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034468.D
 Acq: 14 Mar 2023 16:30

Tgt Ion: 114 Resp: 427399
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 15.5 0.0 33.2

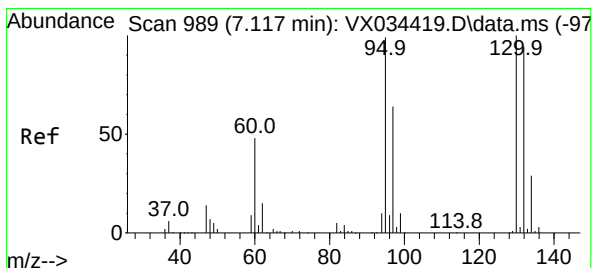
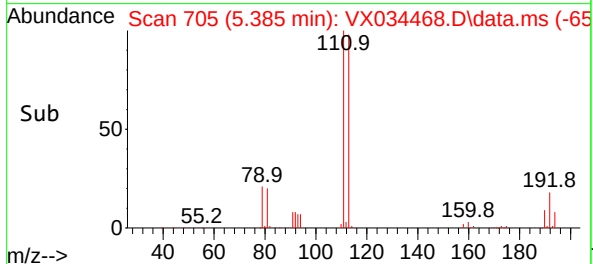
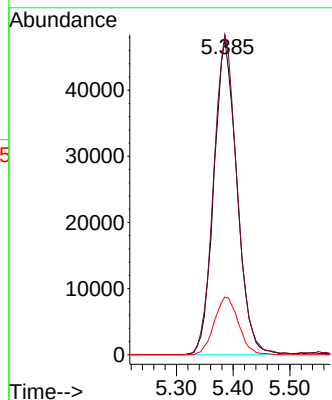
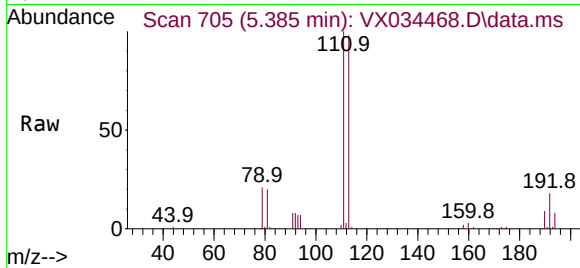




#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

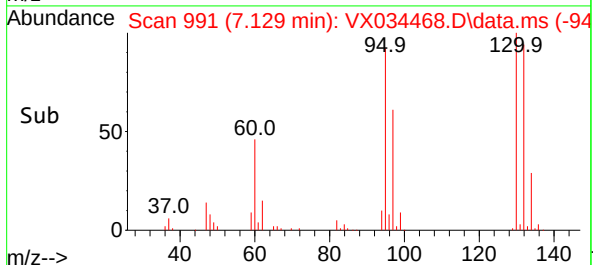
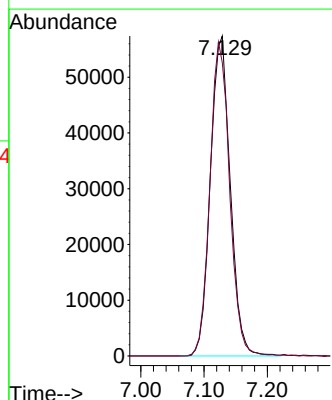
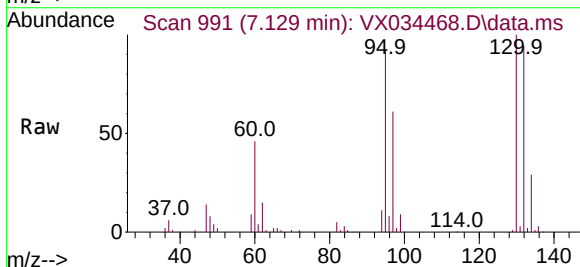
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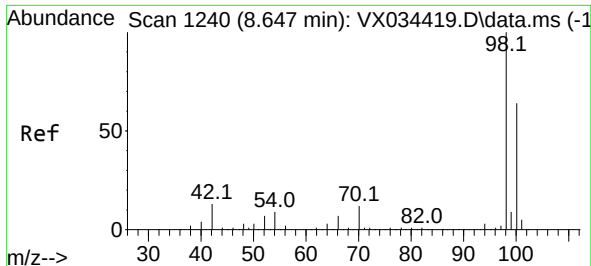
Tgt Ion:113 Resp: 134799
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 19.2 15.4 23.2



#44
Trichloroethene
Concen: 37.995 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

Tgt Ion:130 Resp: 125171
Ion Ratio Lower Upper
130 100
95 91.7 0.0 198.4

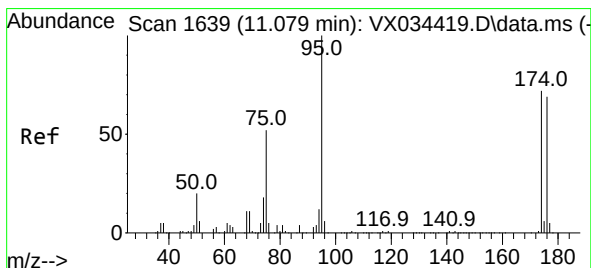
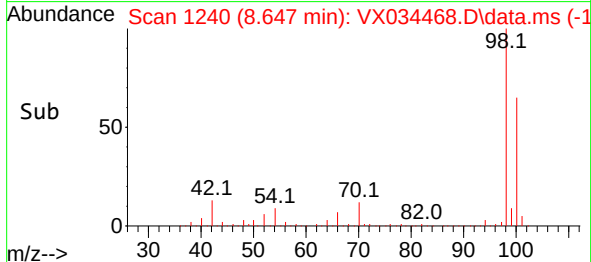
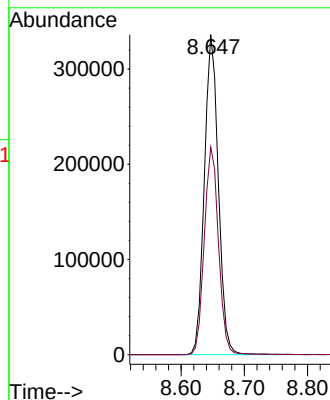
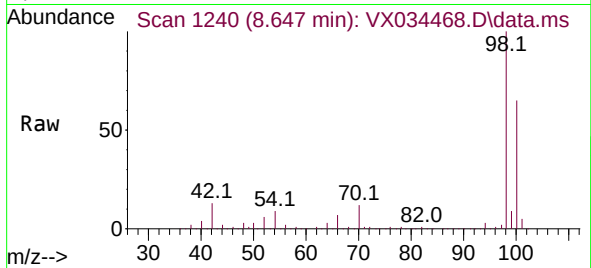




#50
Toluene-d8
Concen: 49.194 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

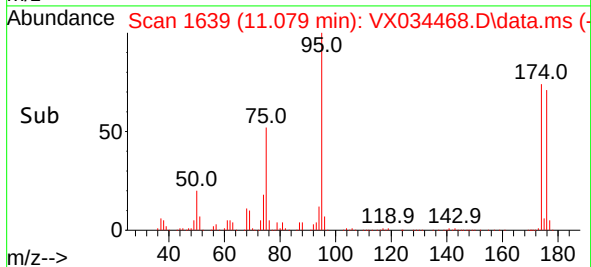
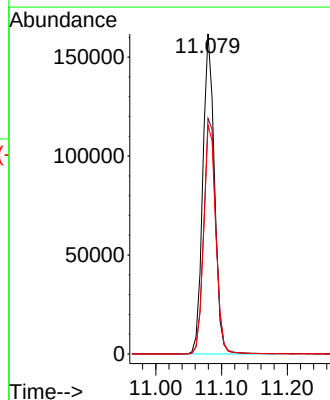
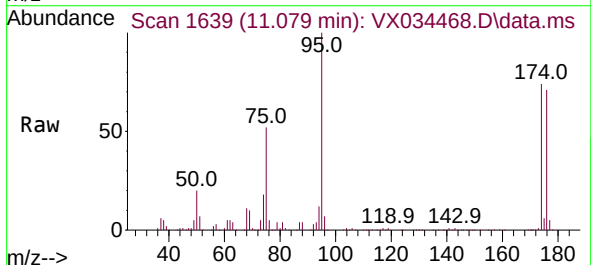
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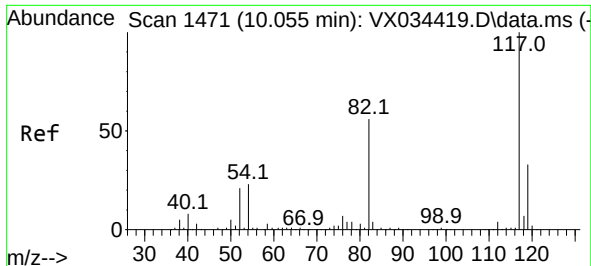
Tgt Ion: 98 Resp: 518220
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

Tgt Ion: 95 Resp: 200206
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 74.0 0.0 140.6

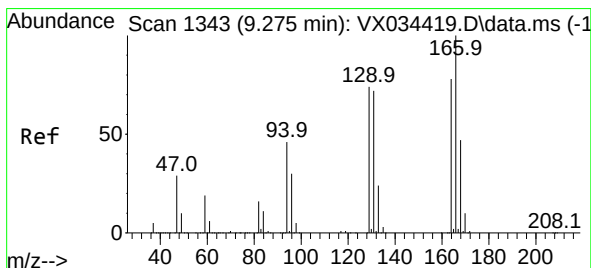
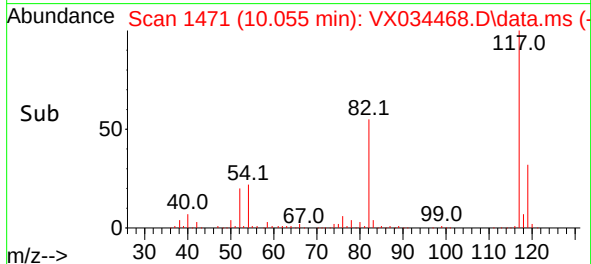
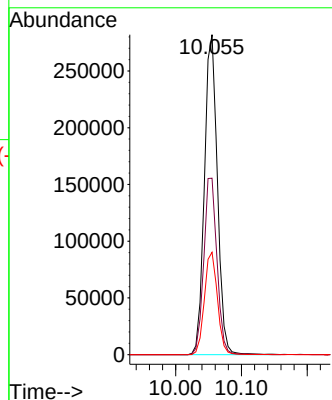
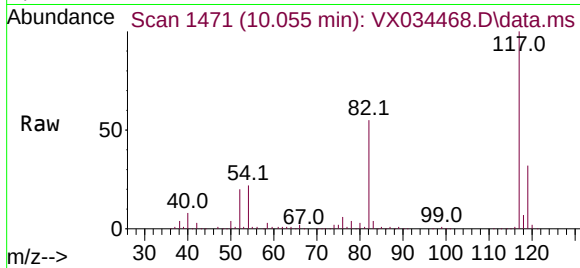




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

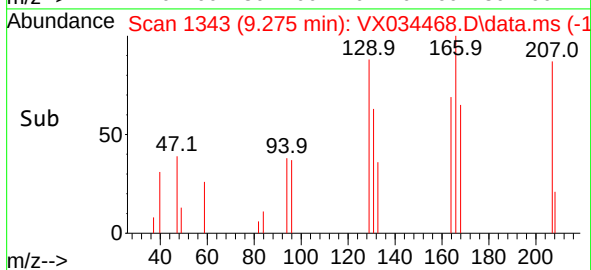
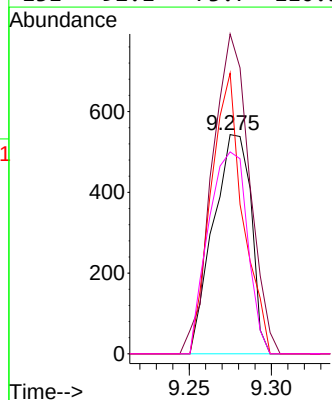
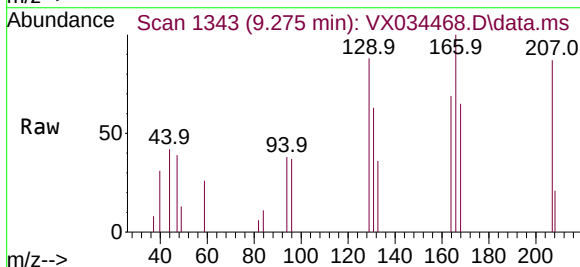
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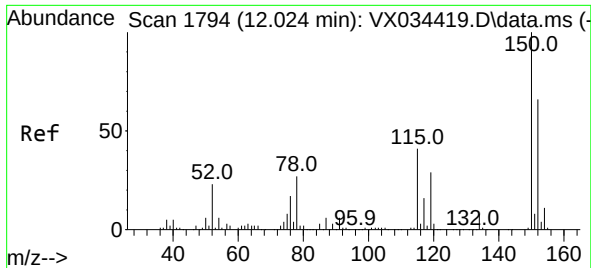
Tgt Ion:117 Resp: 386576
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 0.333 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034468.D
Acq: 14 Mar 2023 16:30

Tgt Ion:164 Resp: 864
Ion Ratio Lower Upper
164 100
166 145.9 102.7 154.1
129 128.0 75.6 113.4#
131 92.1 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034468.D

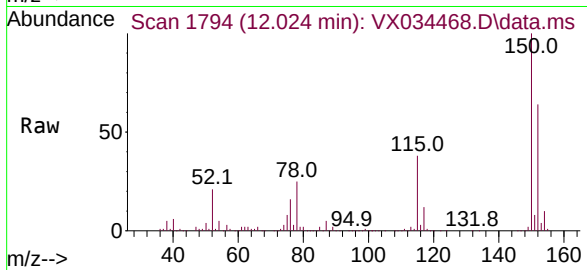
Acq: 14 Mar 2023 16:30

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20230310DL



Tgt Ion:152 Resp: 174308

Ion Ratio Lower Upper

152 100

115 60.3 45.0 135.0

150 157.3 0.0 352.4

