

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034455.D
 Acq On : 14 Mar 2023 11:24
 Operator : JC/MD
 Sample : 01879-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20230308DL

Quant Time: Mar 15 06:37:22 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)

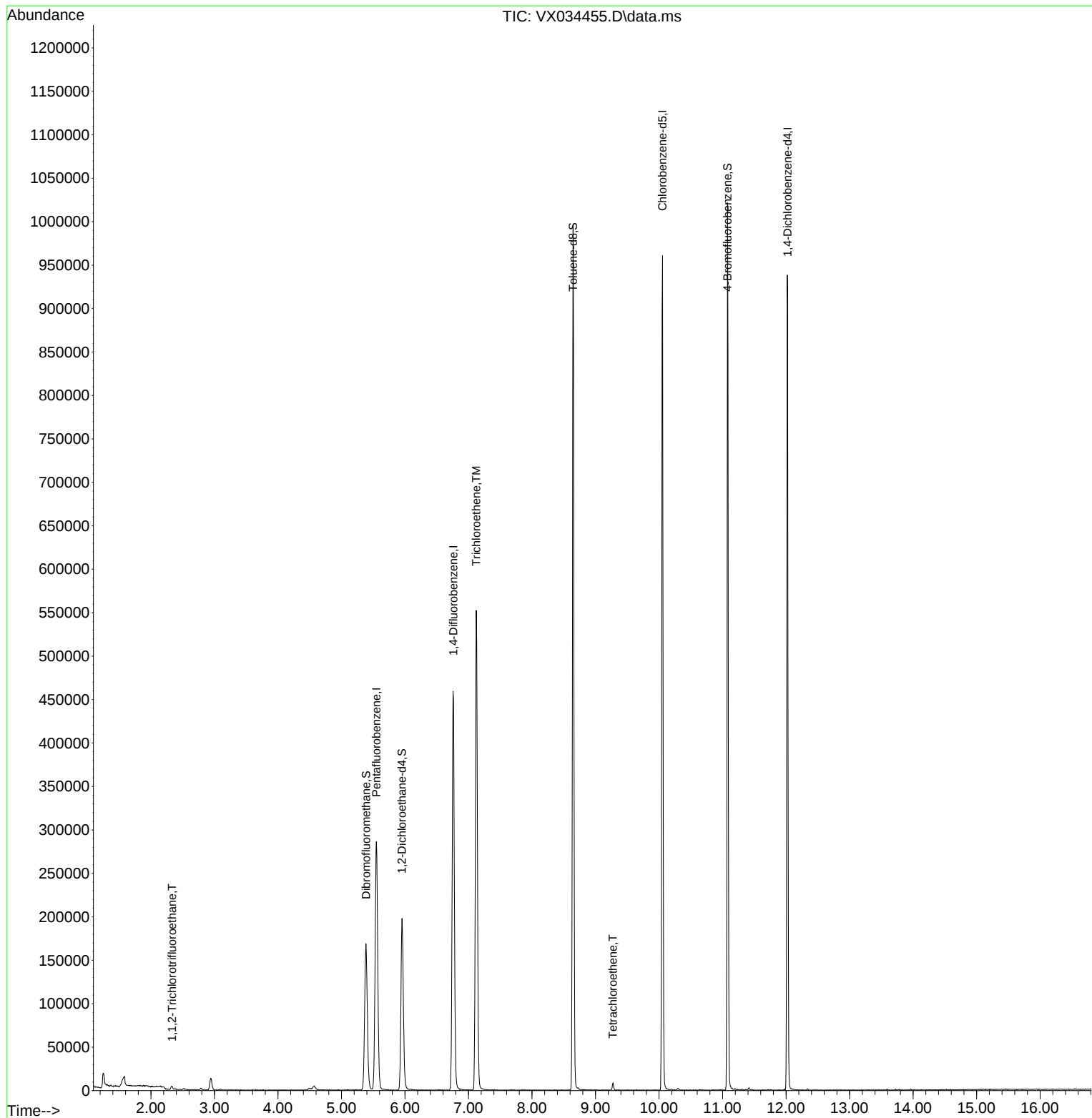
Internal Standards						
1) Pentafluorobenzene	5.550	168	273825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180629	45.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.680%
35) Dibromofluoromethane	5.385	113	147964	47.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	567601	48.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	260064	55.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.860%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1321	0.434	ug/l	96
44) Trichloroethene	7.123	130	211794	58.305	ug/l	100
64) Tetrachloroethene	9.275	164	1355	0.479	ug/l #	83

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

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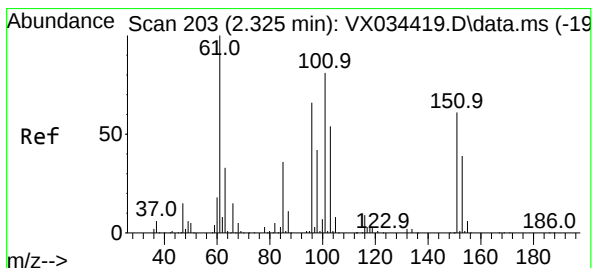
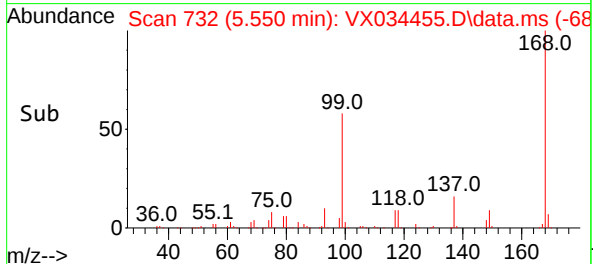
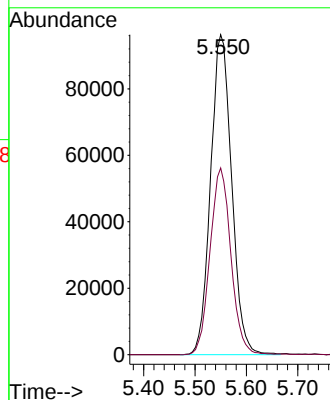
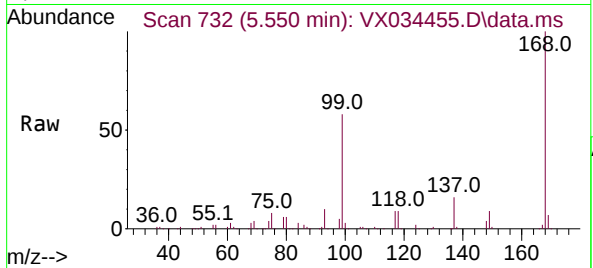




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

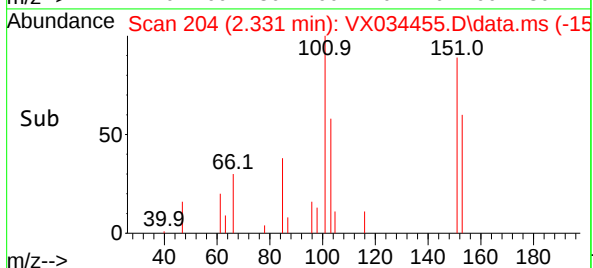
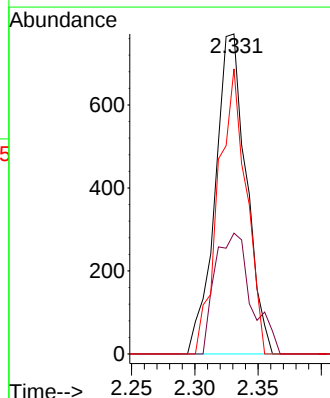
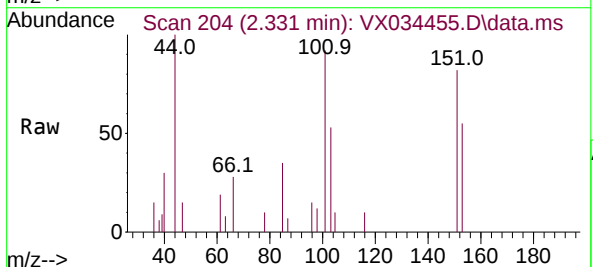
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

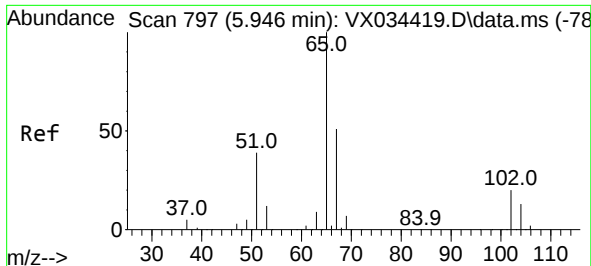
Tgt Ion:168 Resp: 273825
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.434 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion:101 Resp: 1321
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.2
151 80.2 60.2 90.4





#33

1,2-Dichloroethane-d4

Concen: 45.343 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

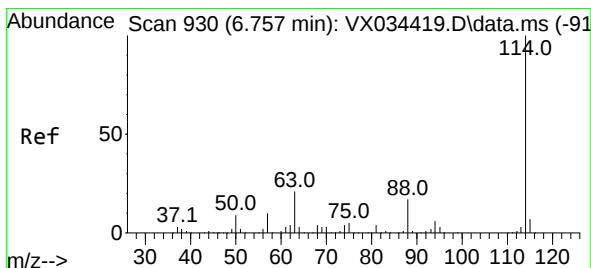
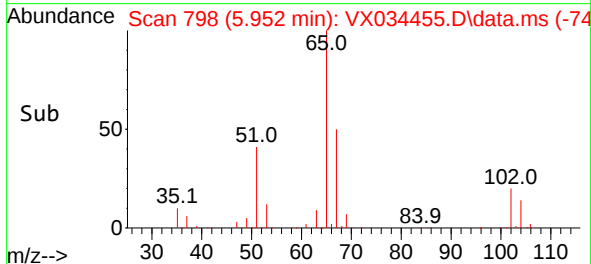
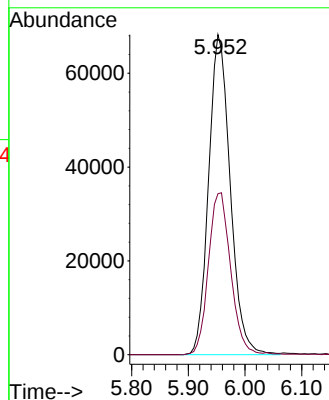
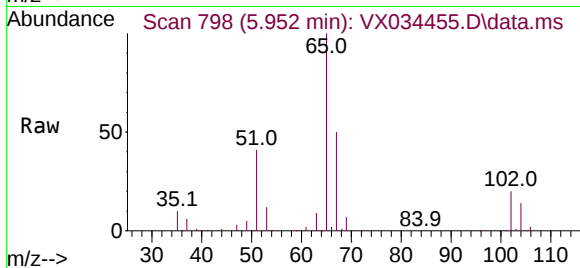
RE122D1-20230308DL

Tgt Ion: 65 Resp: 180629

Ion Ratio Lower Upper

65 100

67 52.3 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: VX034455.D

Acq: 14 Mar 2023 11:24

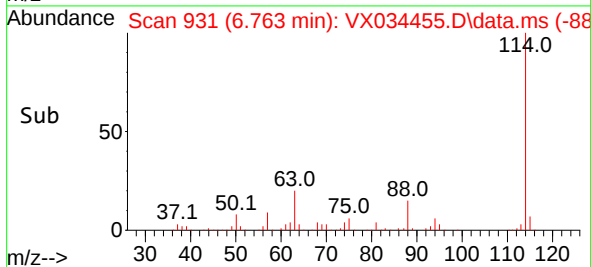
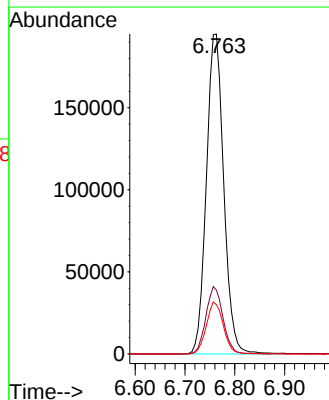
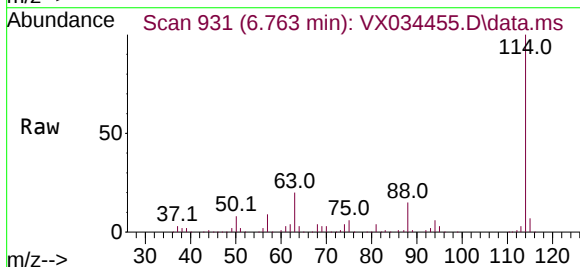
Tgt Ion: 114 Resp: 471261

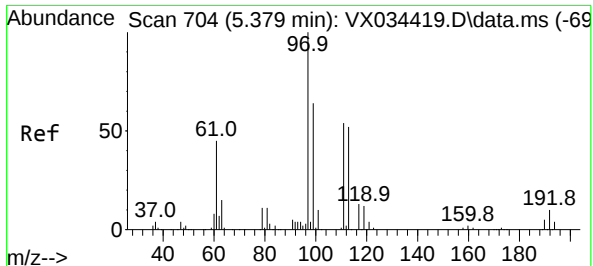
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 15.4 0.0 33.2

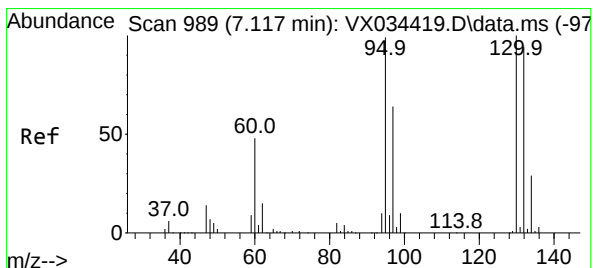
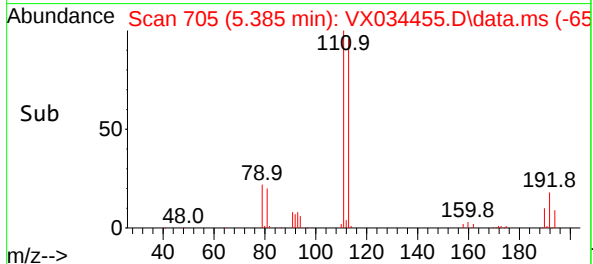
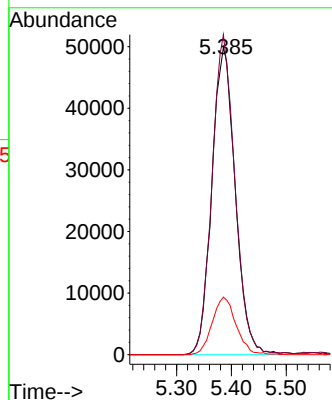
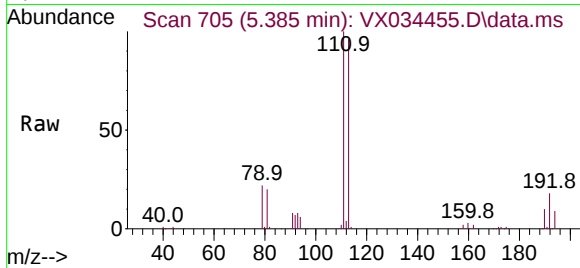




#35
Dibromofluoromethane
Concen: 47.554 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

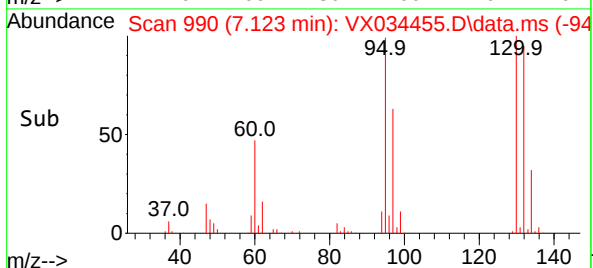
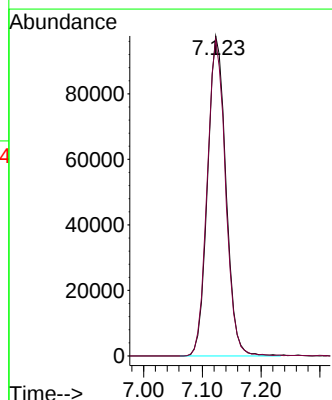
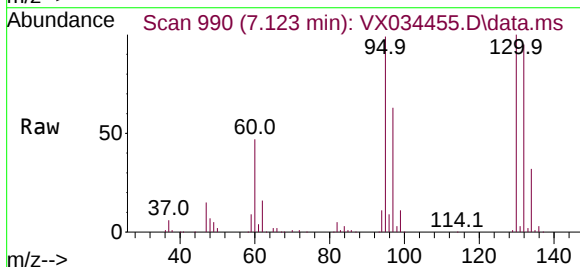
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

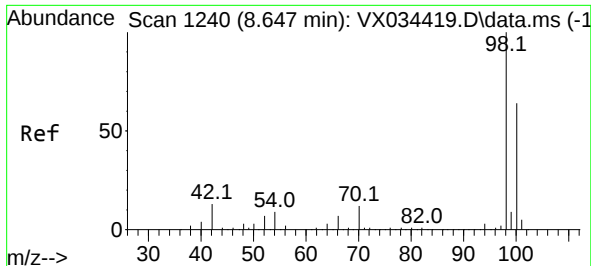
Tgt Ion:113 Resp: 147964
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 19.1 15.4 23.2



#44
Trichloroethene
Concen: 58.305 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion:130 Resp: 211794
Ion Ratio Lower Upper
130 100
95 98.9 0.0 198.4

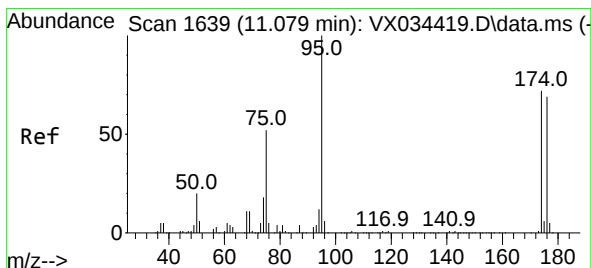
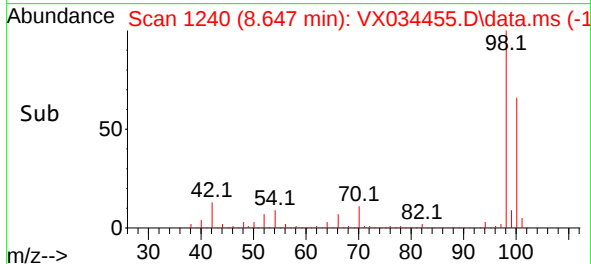
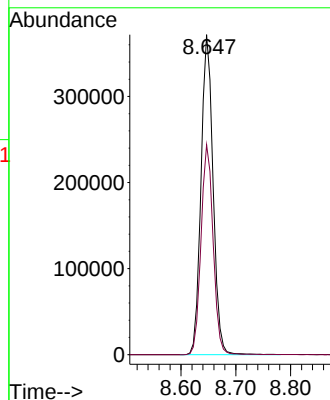
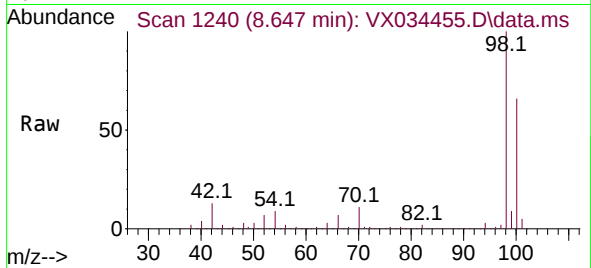




#50
Toluene-d8
Concen: 48.866 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

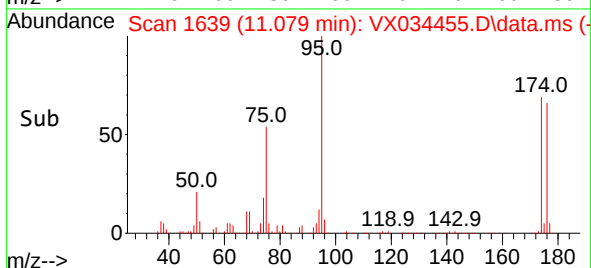
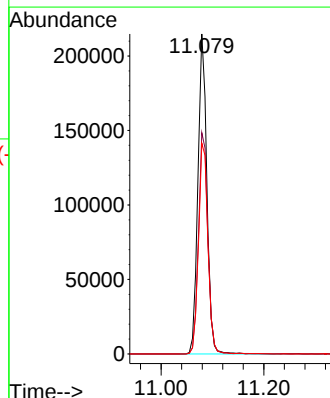
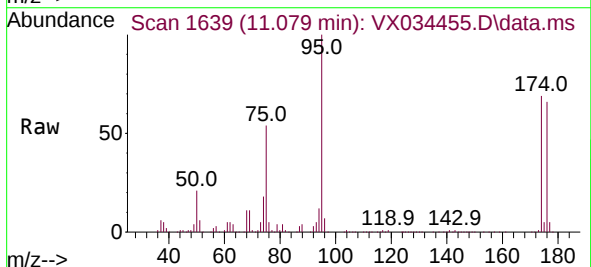
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

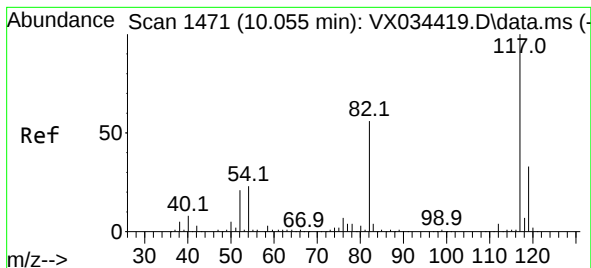
Tgt Ion: 98 Resp: 567601
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 55.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 95 Resp: 260064
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.2 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: VX034455.D

Acq: 14 Mar 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20230308DL

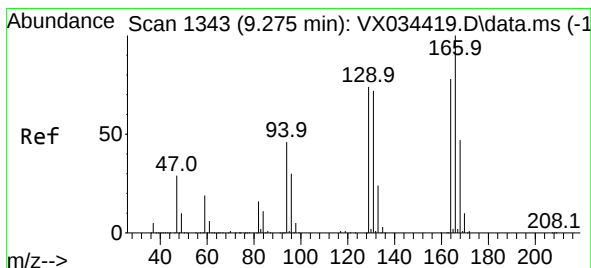
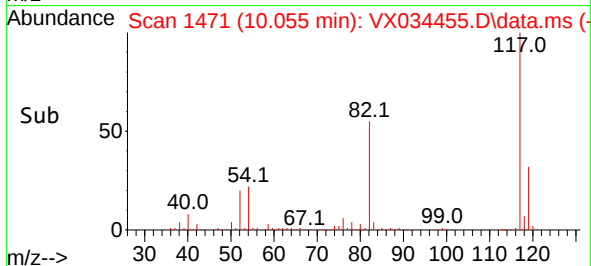
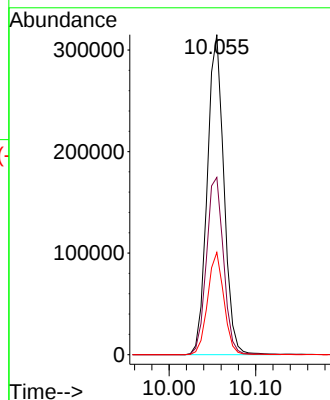
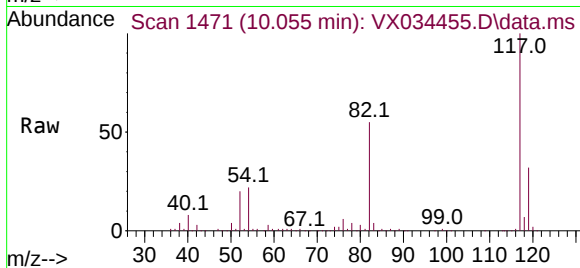
Tgt Ion:117 Resp: 420820

Ion Ratio Lower Upper

117 100

82 55.4 45.0 67.4

119 32.0 26.0 39.0



#64

Tetrachloroethene

Concen: 0.479 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Tgt Ion:164 Resp: 1355

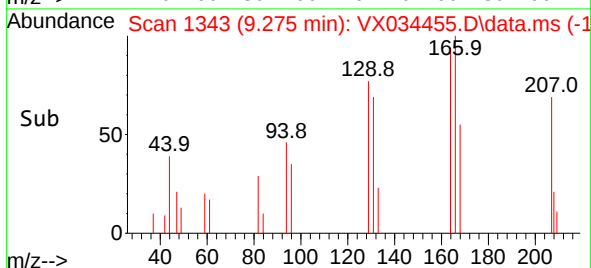
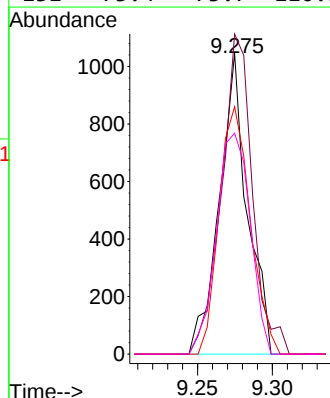
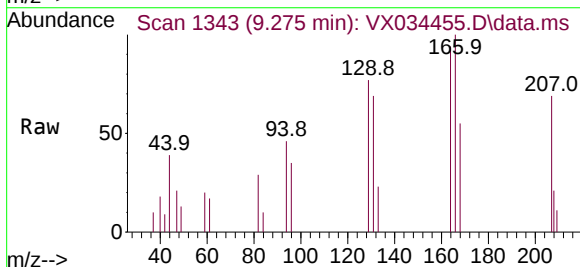
Ion Ratio Lower Upper

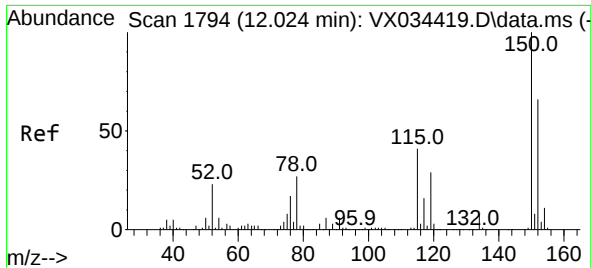
164 100

166 106.4 102.7 154.1

129 82.2 75.6 113.4

131 73.4 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: VX034455.D

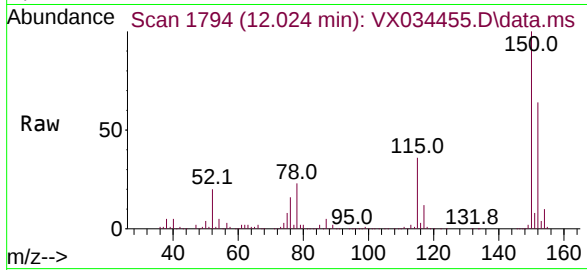
Acq: 14 Mar 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 190069

Ion Ratio Lower Upper

152 100

115 58.8 45.0 135.0

150 154.7 0.0 352.4

