

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038754.D
 Acq On : 11 Nov 2023 03:14
 Operator : JC/MD
 Sample : 05350-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20231107

Quant Time: Nov 11 05:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

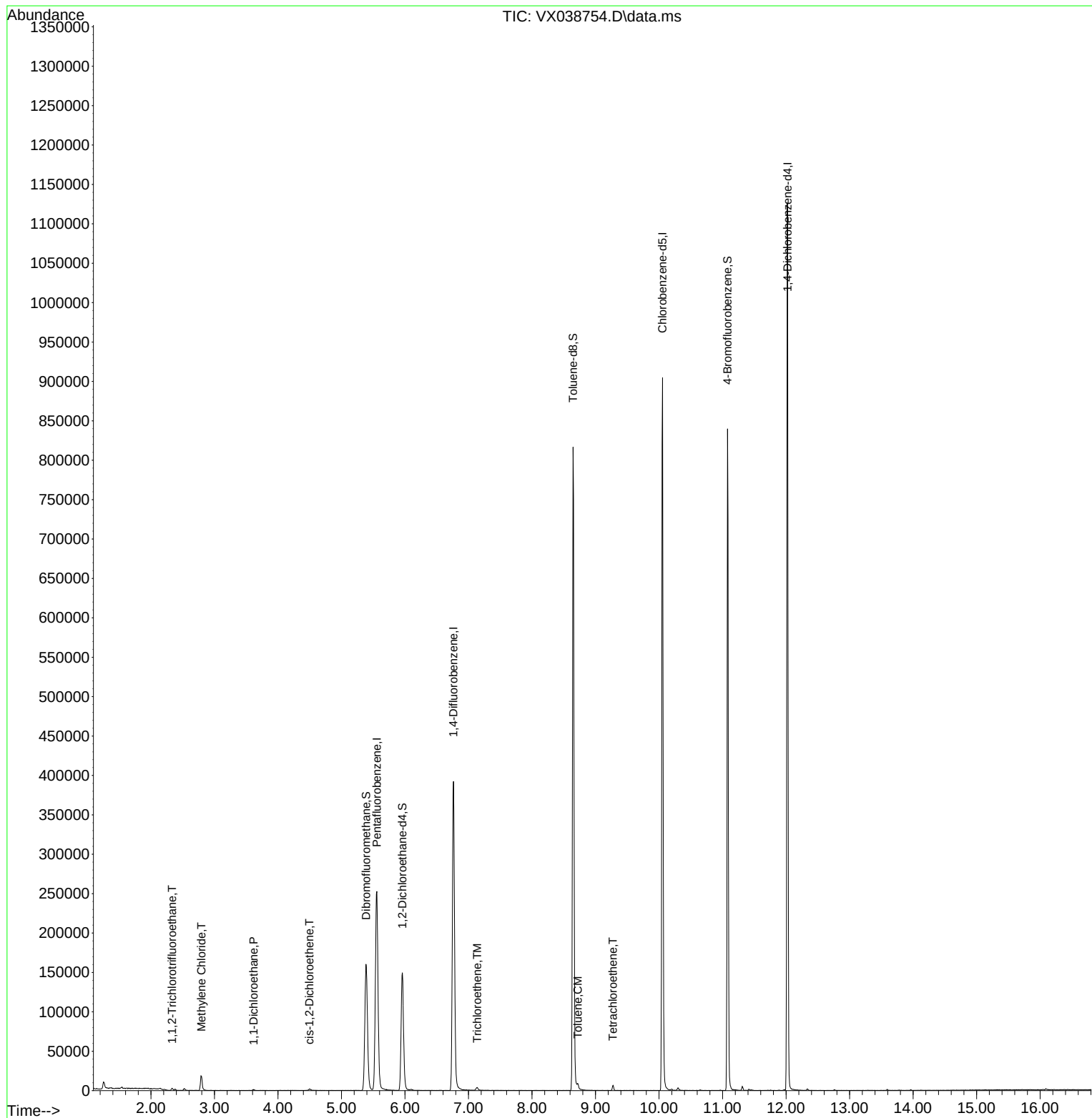
Internal Standards						
1) Pentafluorobenzene	5.556	168	265827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153372	46.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	144169	45.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.647	98	517703	45.541	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.080%#
62) 4-Bromofluorobenzene	11.079	95	225145	51.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1051	0.406	ug/l	# 83
20) Methylene Chloride	2.794	84	10694	3.806	ug/l	# 79
24) 1,1-Dichloroethane	3.617	63	1426	0.322	ug/l	# 93
27) cis-1,2-Dichloroethene	4.495	96	1181	0.379	ug/l	80
44) Trichloroethene	7.135	130	1608	0.455	ug/l	79
52) Toluene	8.720	92	2232	0.300	ug/l	94
64) Tetrachloroethene	9.275	164	850	0.246	ug/l	# 85

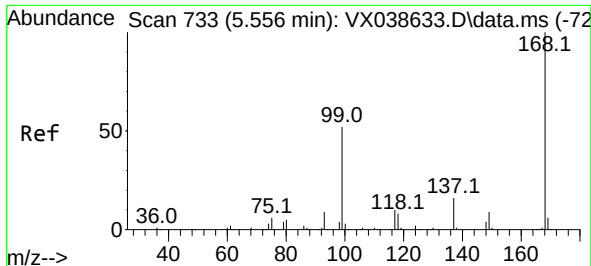
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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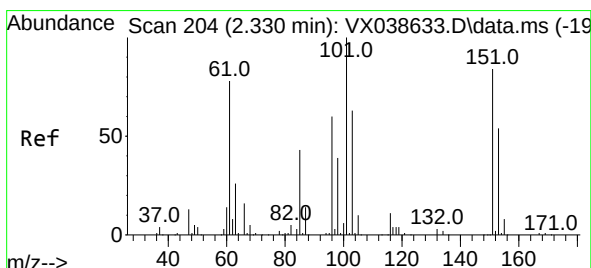
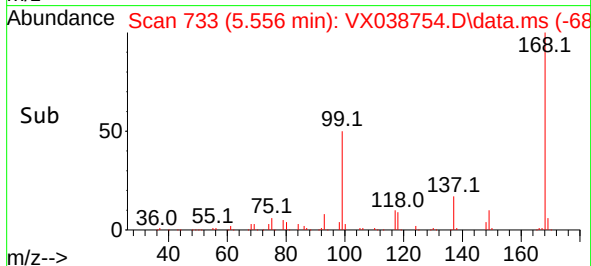
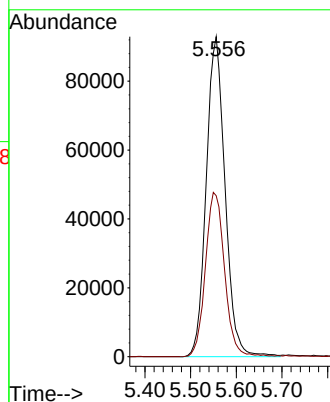
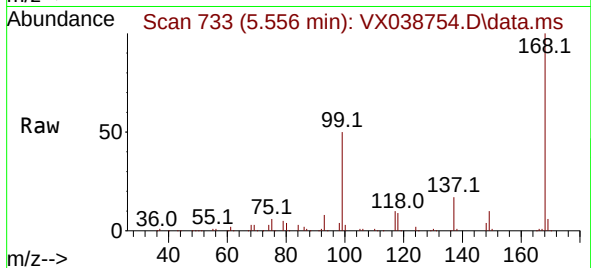




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

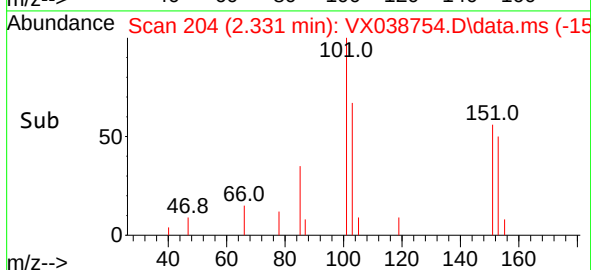
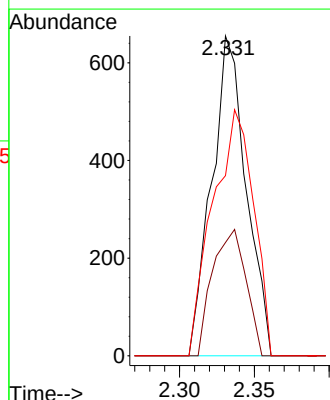
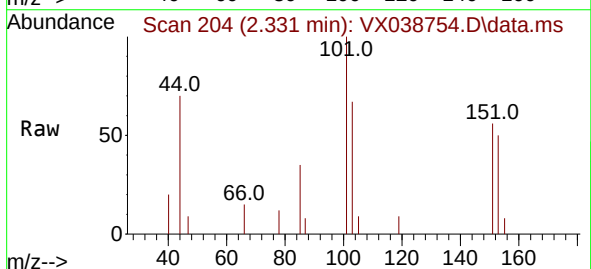
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

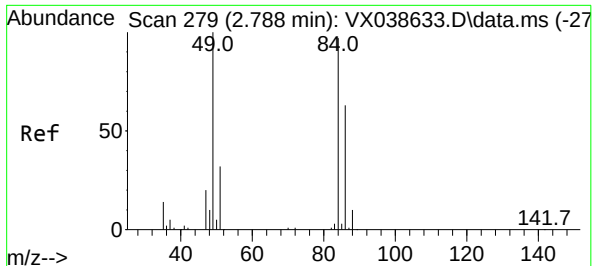
Tgt Ion:168 Resp: 265827
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.406 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion:101 Resp: 1051
Ion Ratio Lower Upper
101 100
85 38.2 37.0 55.6
151 90.7 58.6 87.8#

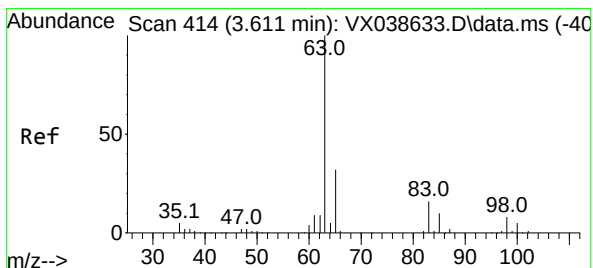
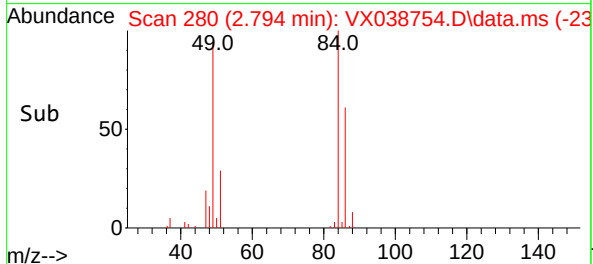
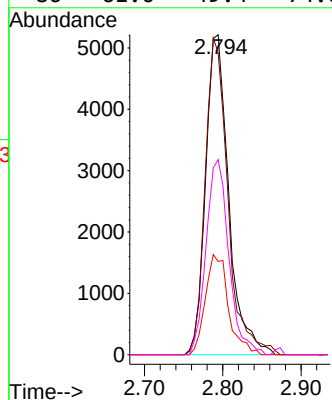
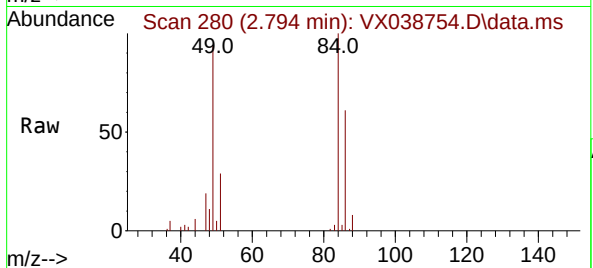




#20
Methylene Chloride
Concen: 3.806 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

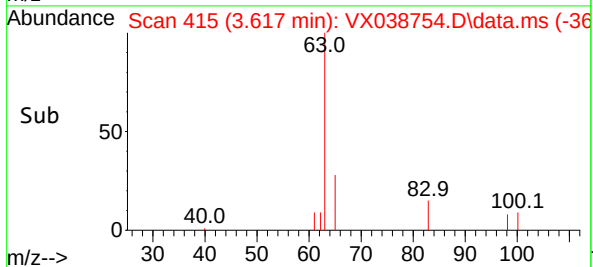
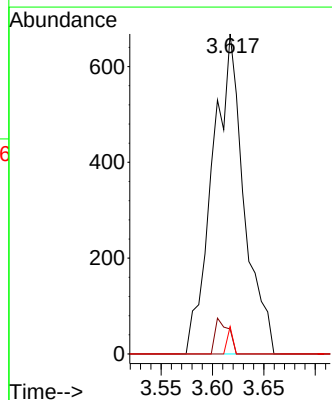
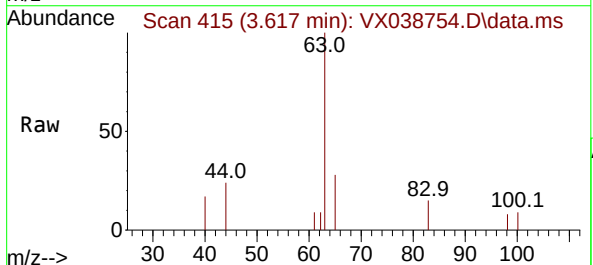
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

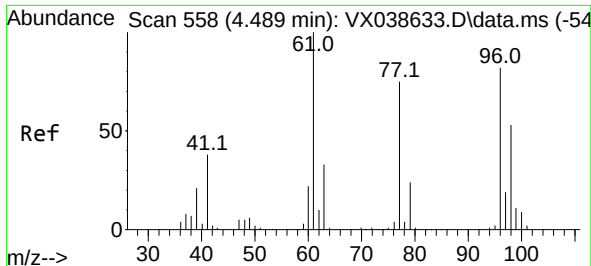
Tgt Ion:	84	Resp:	10694
Ion	Ratio	Lower	Upper
84	100		
49	94.4	103.6	155.4#
51	29.1	33.8	50.6#
86	61.0	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.322 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion:	63	Resp:	1426
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.8
100	8.5	2.1	6.5#

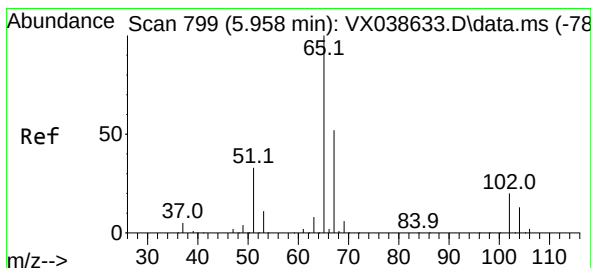
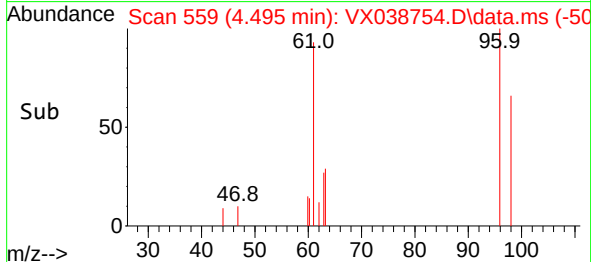
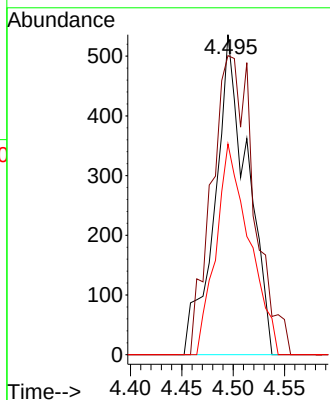
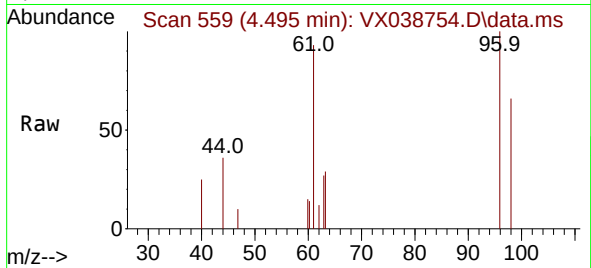




#27
 cis-1,2-Dichloroethene
 Concen: 0.379 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX038754.D
 Acq: 11 Nov 2023 03:14

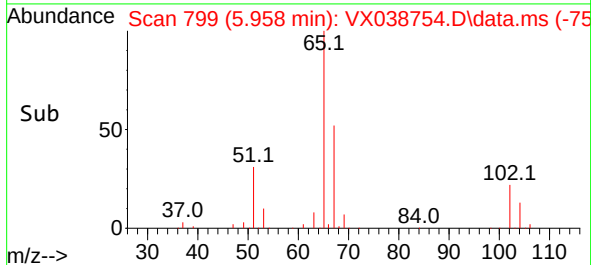
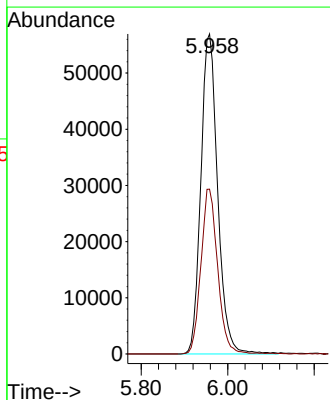
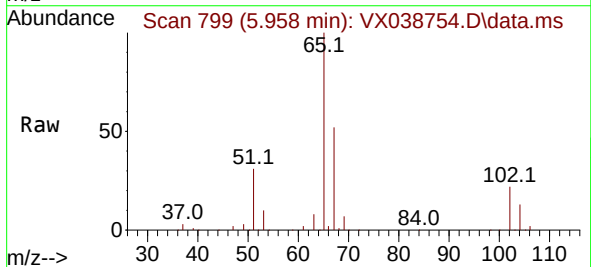
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20231107

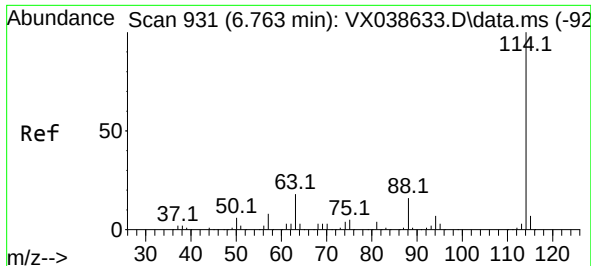
Tgt Ion: 96 Resp: 1181
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 312.2
 98 67.4 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 46.344 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038754.D
 Acq: 11 Nov 2023 03:14

Tgt Ion: 65 Resp: 153372
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2

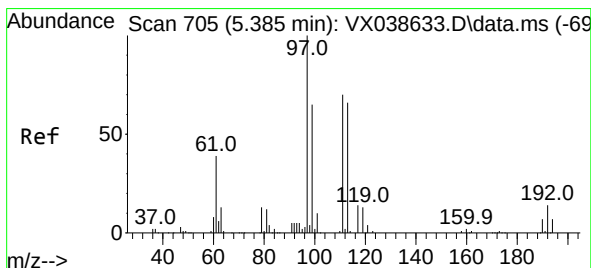
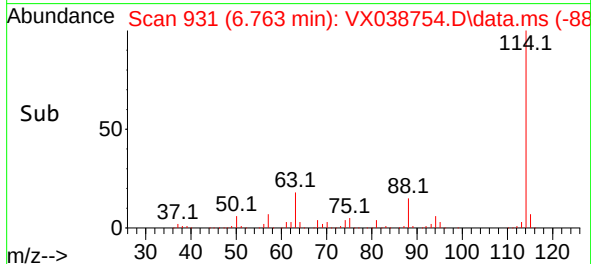
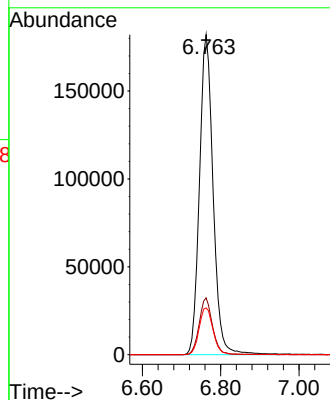
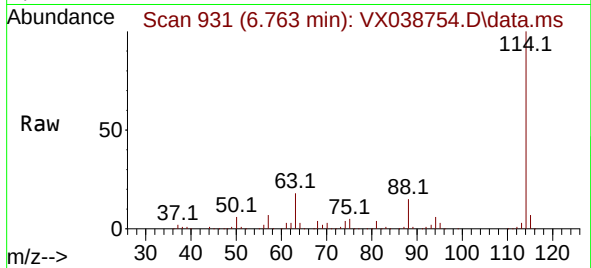




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

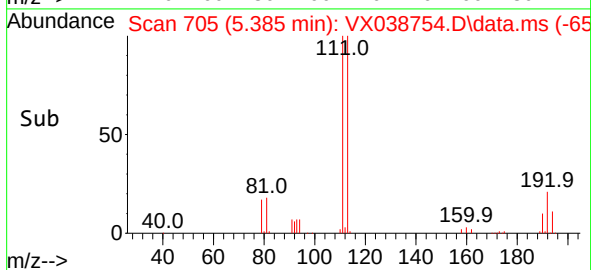
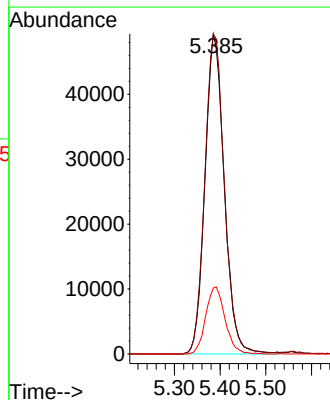
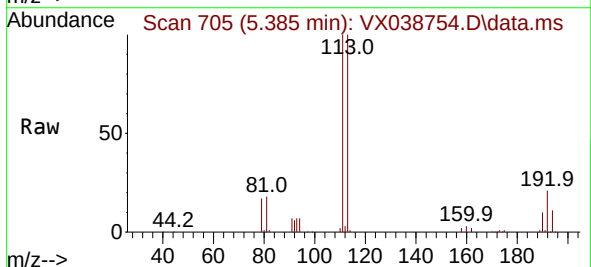
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

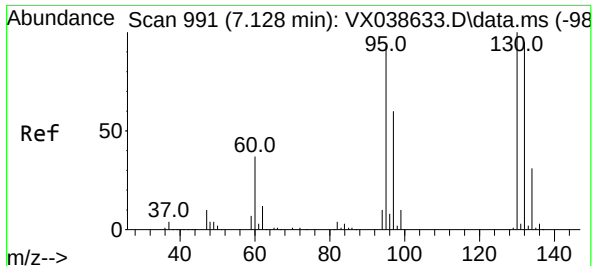
Tgt Ion:114 Resp: 441079
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.382 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion:113 Resp: 144169
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.0 13.3 19.9#





#44

Trichloroethene

Concen: 0.455 ug/l

RT: 7.135 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

Instrument :

MSVOA_X

ClientSampleId :

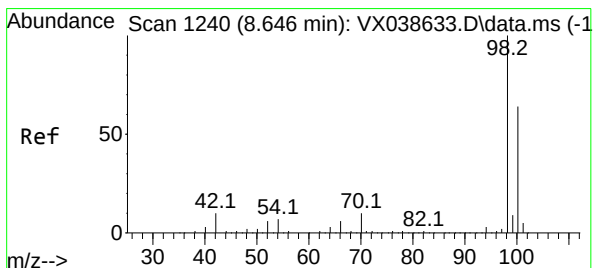
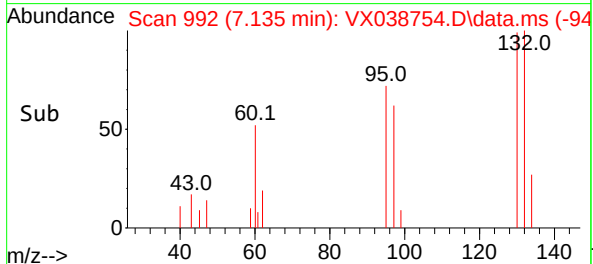
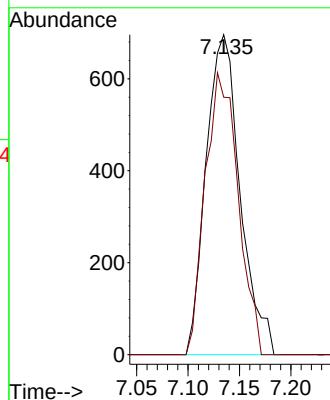
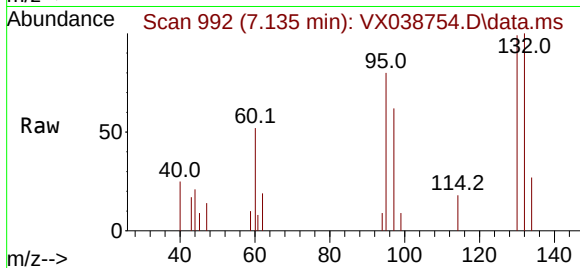
RE117D2-20231107

Tgt Ion:130 Resp: 1608

Ion Ratio Lower Upper

130 100

95 80.5 0.0 204.4



#50

Toluene-d8

Concen: 45.541 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038754.D

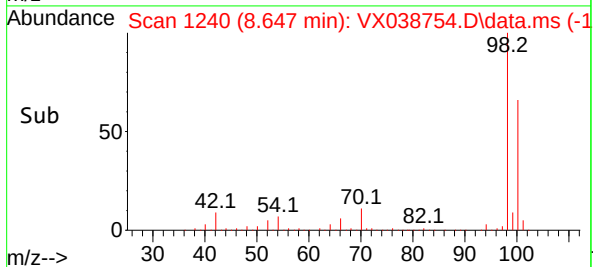
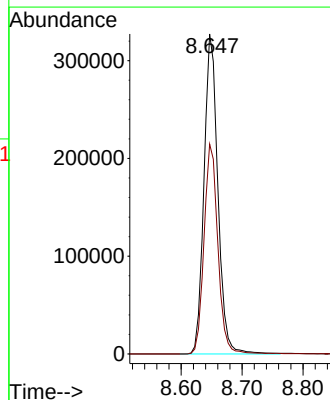
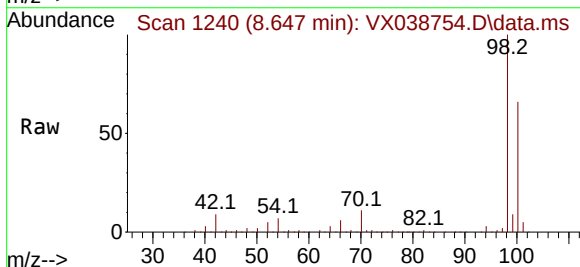
Acq: 11 Nov 2023 03:14

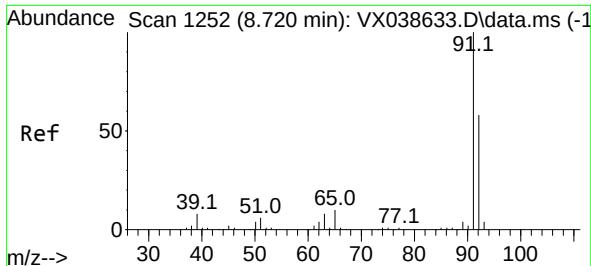
Tgt Ion: 98 Resp: 517703

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#52

Toluene

Concen: 0.300 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

Instrument :

MSVOA_X

ClientSampleId :

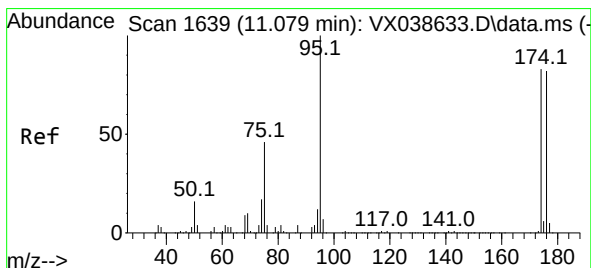
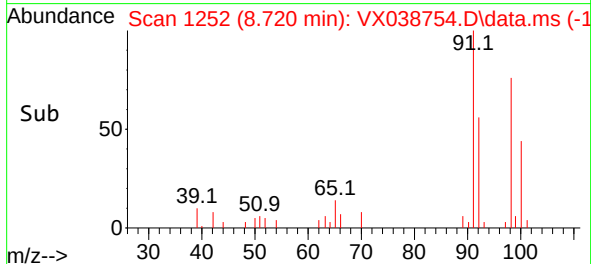
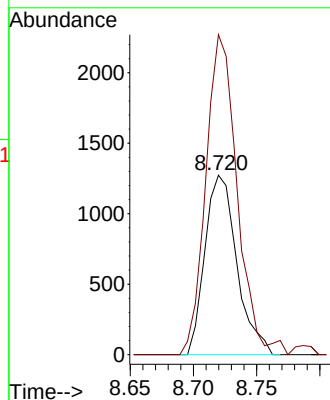
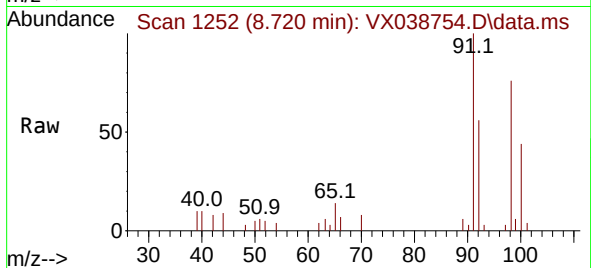
RE117D2-20231107

Tgt Ion: 92 Resp: 2232

Ion Ratio Lower Upper

92 100

91 175.4 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 51.083 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

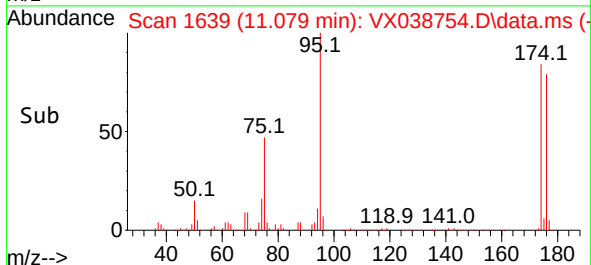
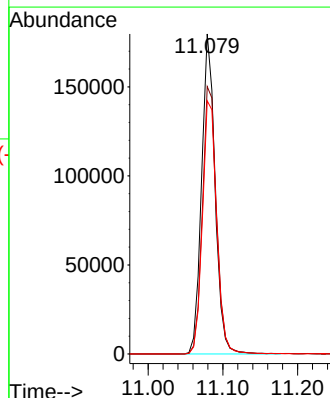
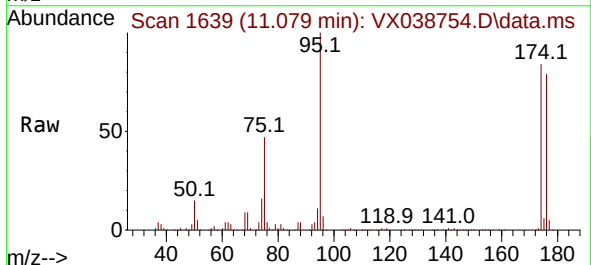
Tgt Ion: 95 Resp: 225145

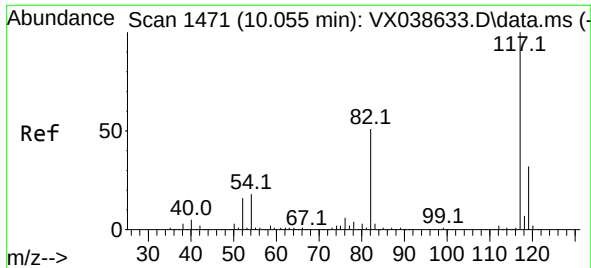
Ion Ratio Lower Upper

95 100

174 88.4 0.0 135.6

176 84.0 0.0 131.0

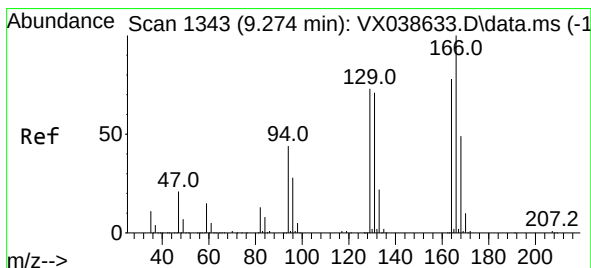
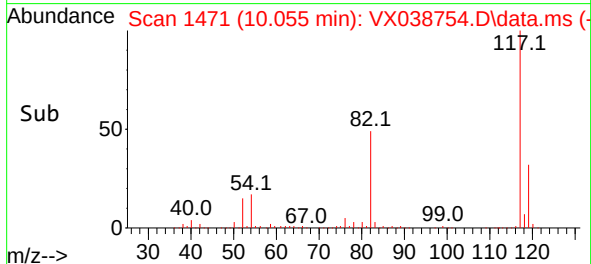
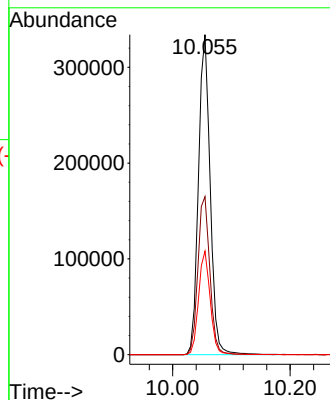
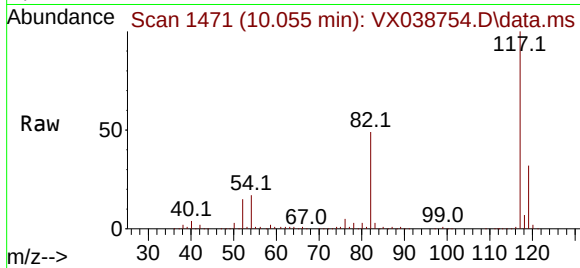




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

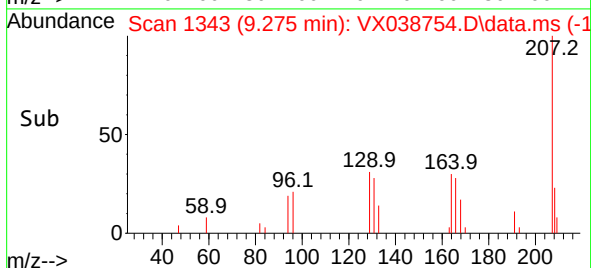
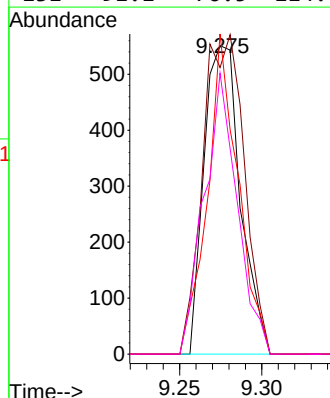
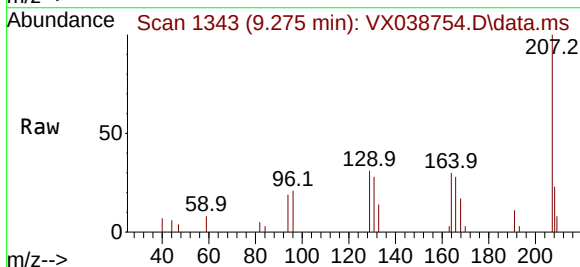
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

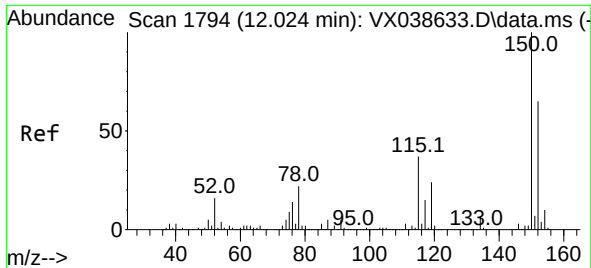
Tgt Ion:117 Resp: 461581
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.246 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion:164 Resp: 850
Ion Ratio Lower Upper
164 100
166 92.9 102.7 154.1#
129 103.8 80.4 120.6
131 91.1 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038754.D

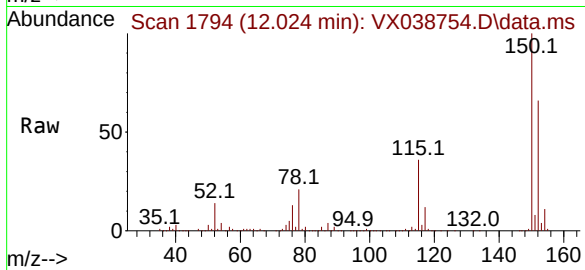
Acq: 11 Nov 2023 03:14

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20231107



Tgt Ion:152 Resp: 264896

Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 155.3 0.0 345.0

