

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039849.D
 Acq On : 19 Jan 2024 19:00
 Operator : JC/MD
 Sample : P1196-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-A-20240118

Quant Time: Jan 20 00:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

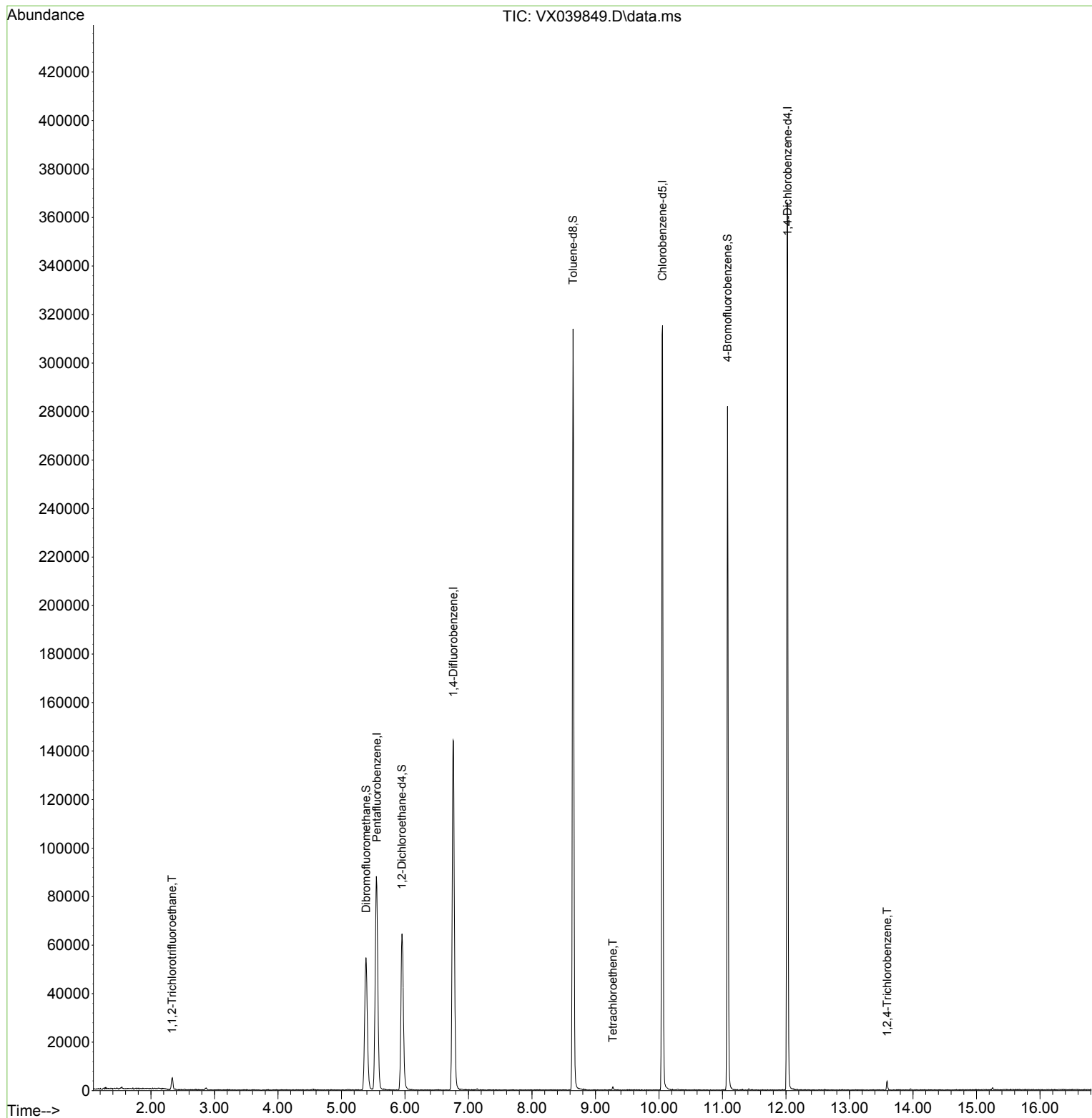
Internal Standards						
1) Pentafluorobenzene	5.556	168	77562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62882	48.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.385	113	48021	49.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	8.647	98	179489	48.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	70792	49.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2199	2.273	ug/l	91
64) Tetrachloroethene	9.275	164	237	0.257	ug/l #	78
93) 1,2,4-Trichlorobenzene	13.591	180	992	0.680	ug/l	95

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

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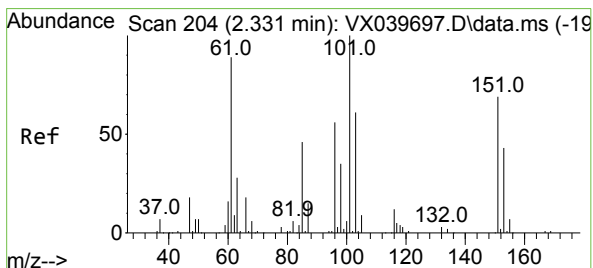
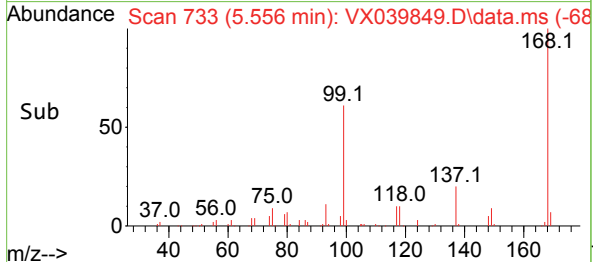
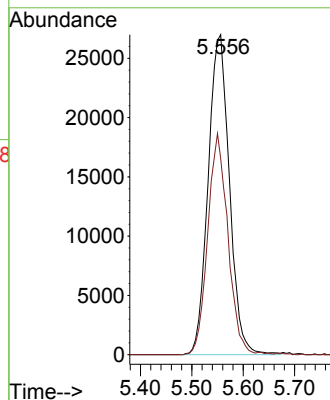
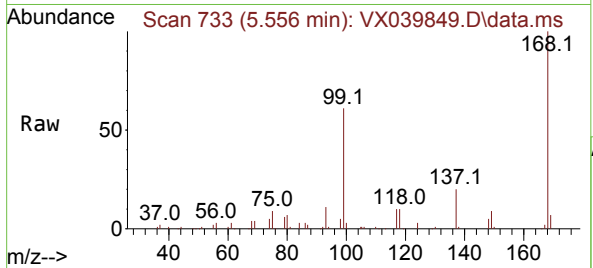




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

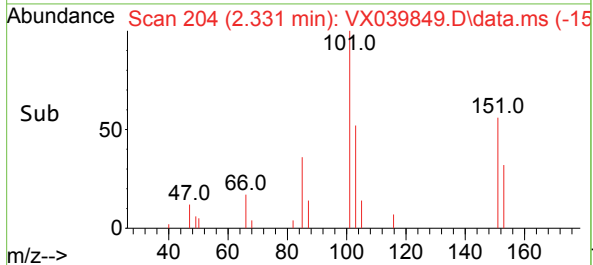
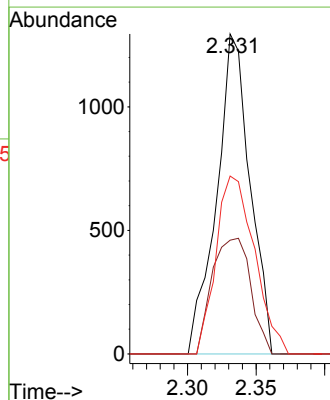
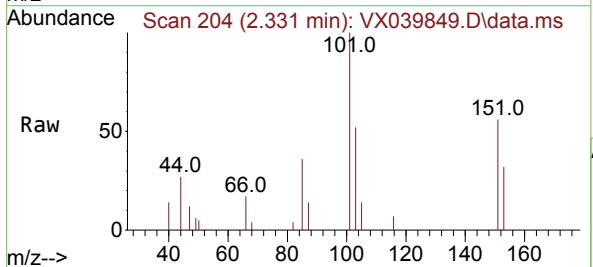
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240118

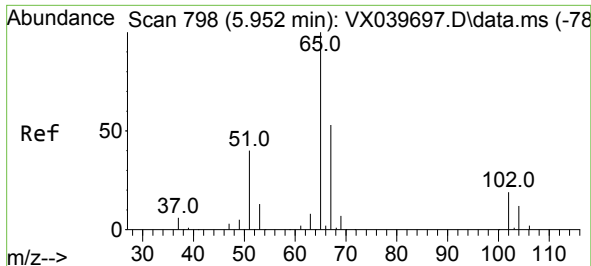
Tgt Ion:168 Resp: 77562
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.273 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

Tgt Ion:101 Resp: 2199
Ion Ratio Lower Upper
101 100
85 41.7 37.0 55.6
151 64.0 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 48.398 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039849.D

Acq: 19 Jan 2024 19:00

Instrument :

MSVOA_X

ClientSampleId :

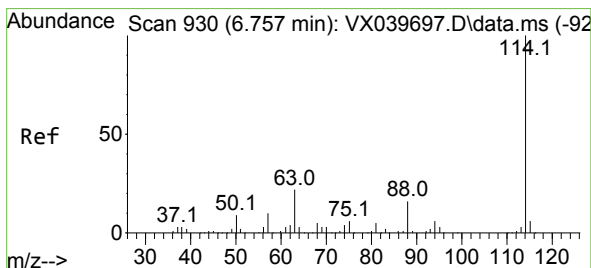
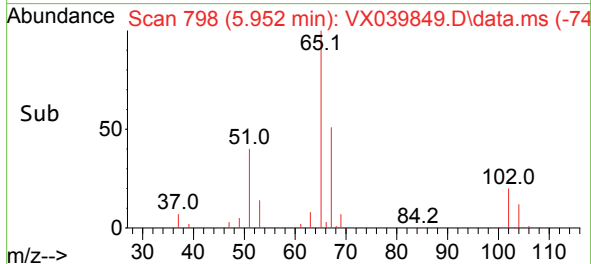
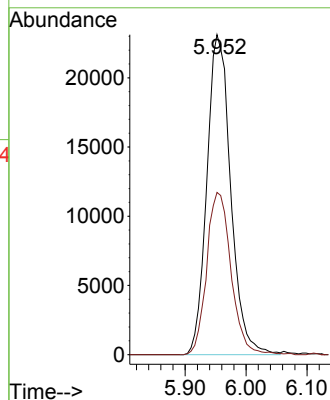
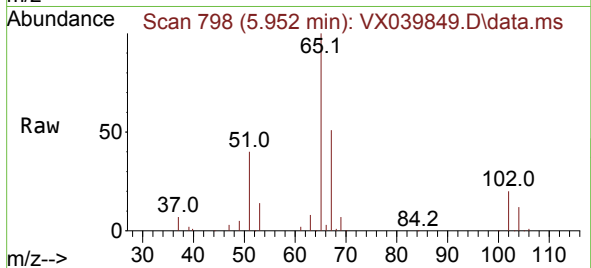
RE137-SP303-A-20240118

Tgt Ion: 65 Resp: 62882

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039849.D

Acq: 19 Jan 2024 19:00

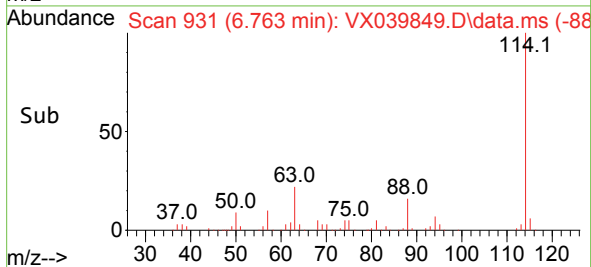
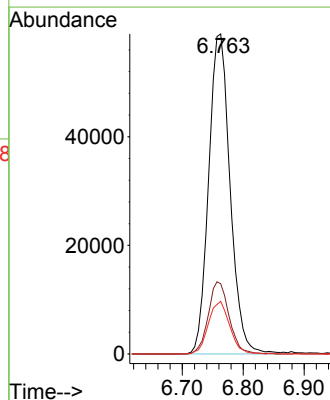
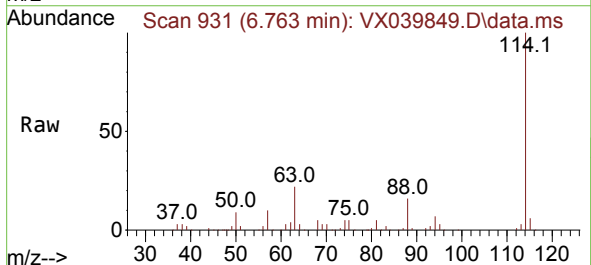
Tgt Ion: 114 Resp: 144217

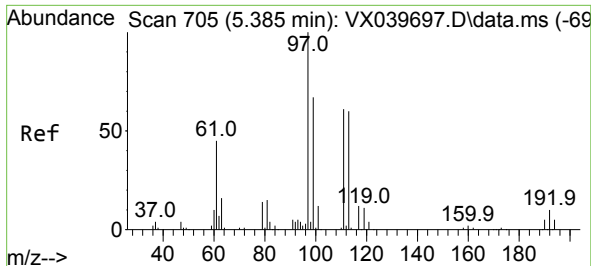
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

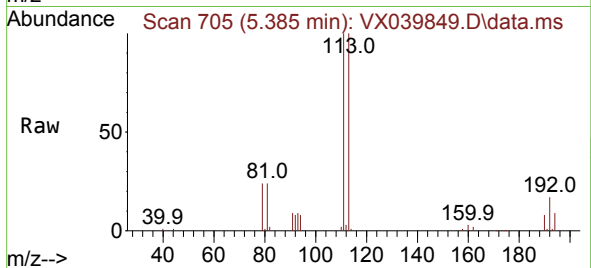
88 16.4 0.0 36.6



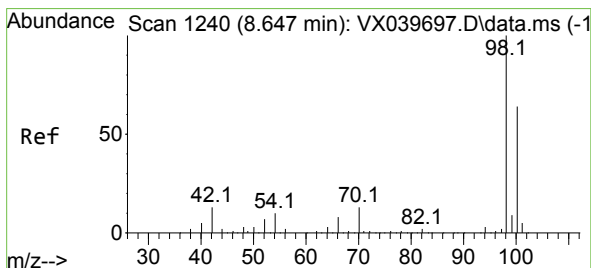
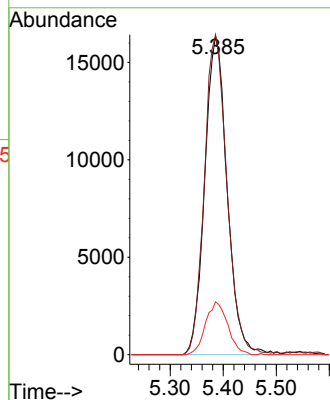
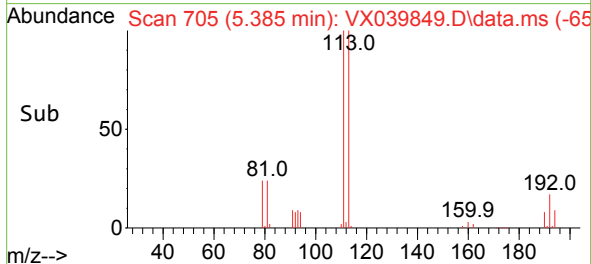


#35
 Dibromofluoromethane
 Concen: 49.437 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX039849.D
 Acq: 19 Jan 2024 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-A-20240118

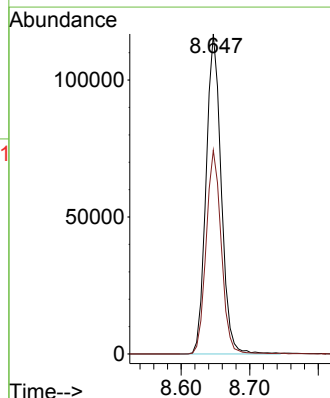
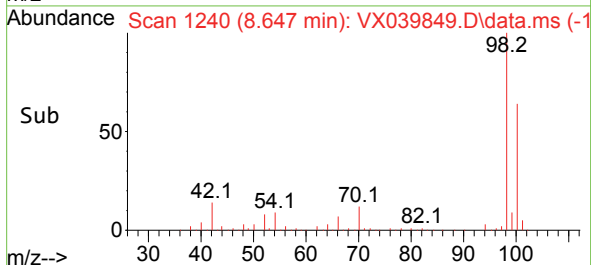
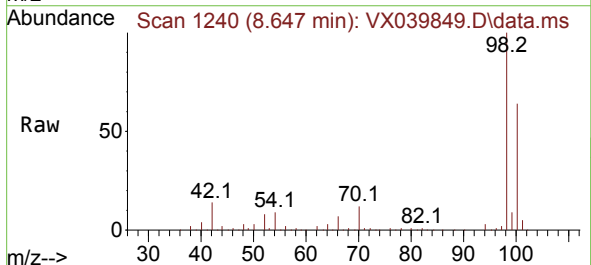


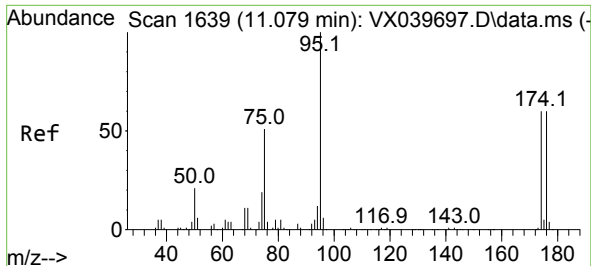
Tgt Ion:113 Resp: 48021
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.9 124.3
 192 16.4 13.3 19.9



#50
 Toluene-d8
 Concen: 48.993 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX039849.D
 Acq: 19 Jan 2024 19:00

Tgt Ion: 98 Resp: 179489
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.1 79.7

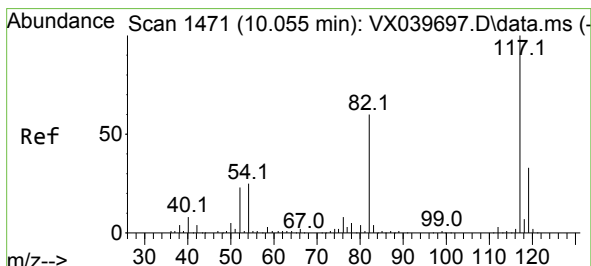
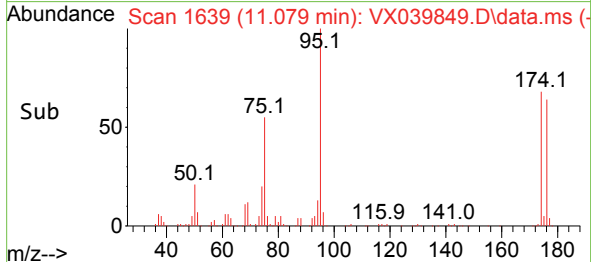
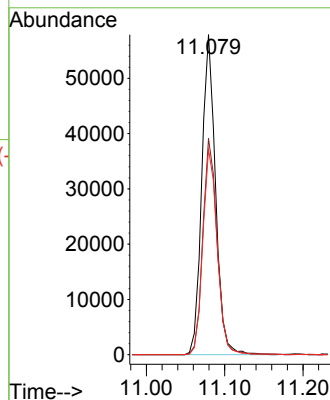
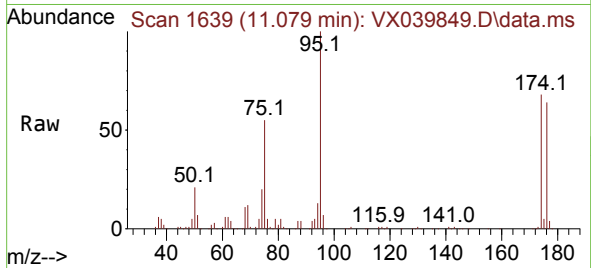




#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

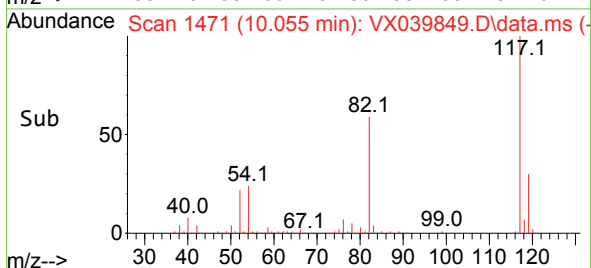
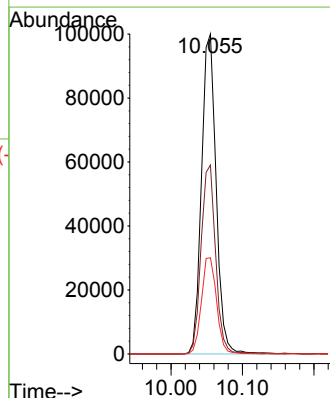
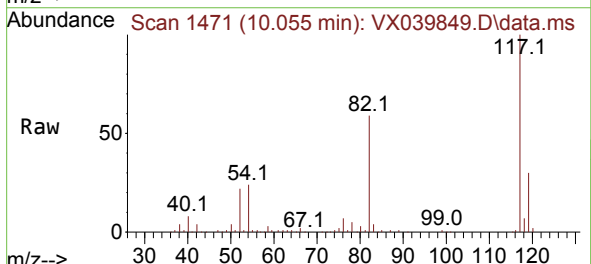
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240118

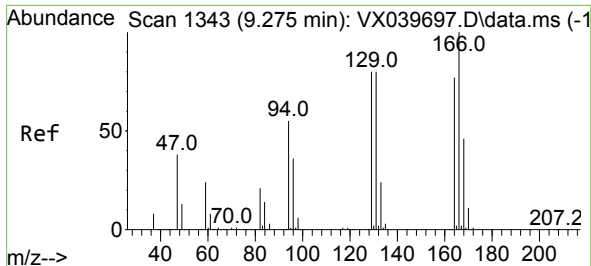
Tgt Ion: 95 Resp: 70792
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

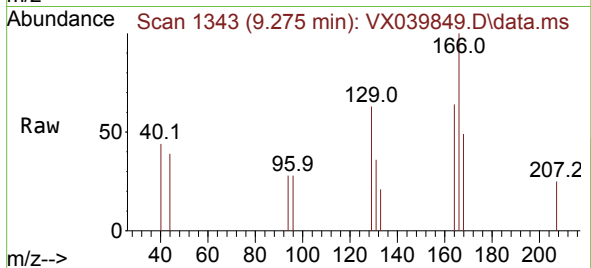
Tgt Ion: 117 Resp: 141841
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 30.0 25.5 38.3



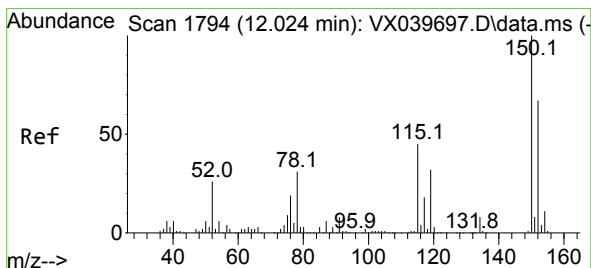
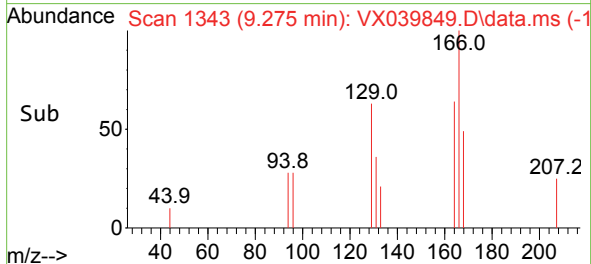
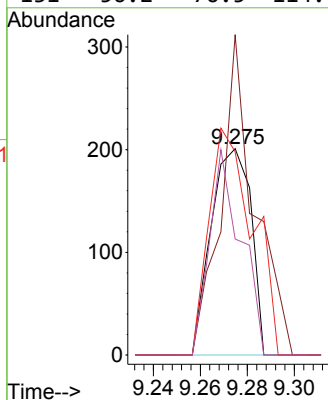


#64
Tetrachloroethene
Concen: 0.257 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240118

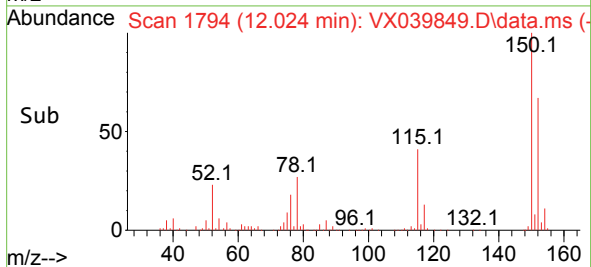
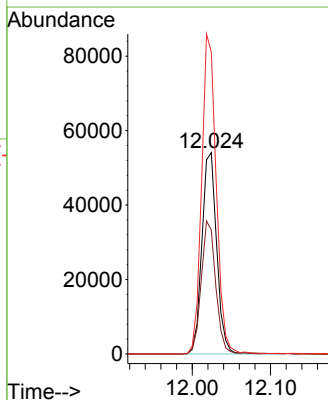
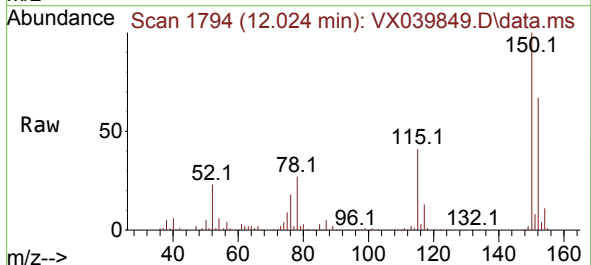


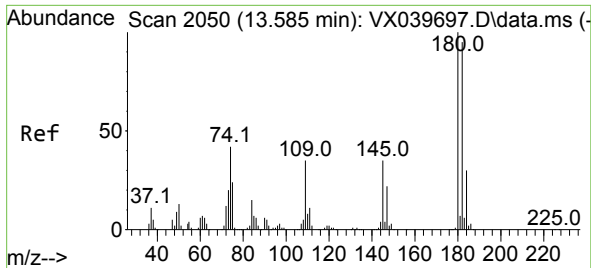
Tgt Ion:164 Resp: 237
Ion Ratio Lower Upper
164 100
166 155.2 102.7 154.1#
129 98.5 80.4 120.6
131 56.2 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039849.D
Acq: 19 Jan 2024 19:00

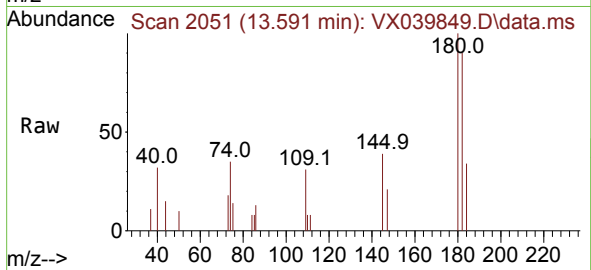
Tgt Ion:152 Resp: 71008
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 156.1 0.0 345.0





#93
 1,2,4-Trichlorobenzene
 Concen: 0.680 ug/l
 RT: 13.591 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX039849.D
 Acq: 19 Jan 2024 19:00

Instrument :
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Tgt Ion:	180	Resp:	992
Ion	Ratio	Lower	Upper
180	100		
182	100.4	48.3	144.8
145	40.1	18.0	54.0

