

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044977.D
 Acq On : 18 Feb 2025 11:08
 Operator : JC/MD
 Sample : VX0218MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218MBL01

Quant Time: Feb 18 11:34:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76525	55.24	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.48%	
35) Dibromofluoromethane	5.373	113	64084	50.97	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.94%	
50) Toluene-d8	8.647	98	240882	50.67	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.34%	
62) 4-Bromofluorobenzene	11.079	95	87820	54.79	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.58%	

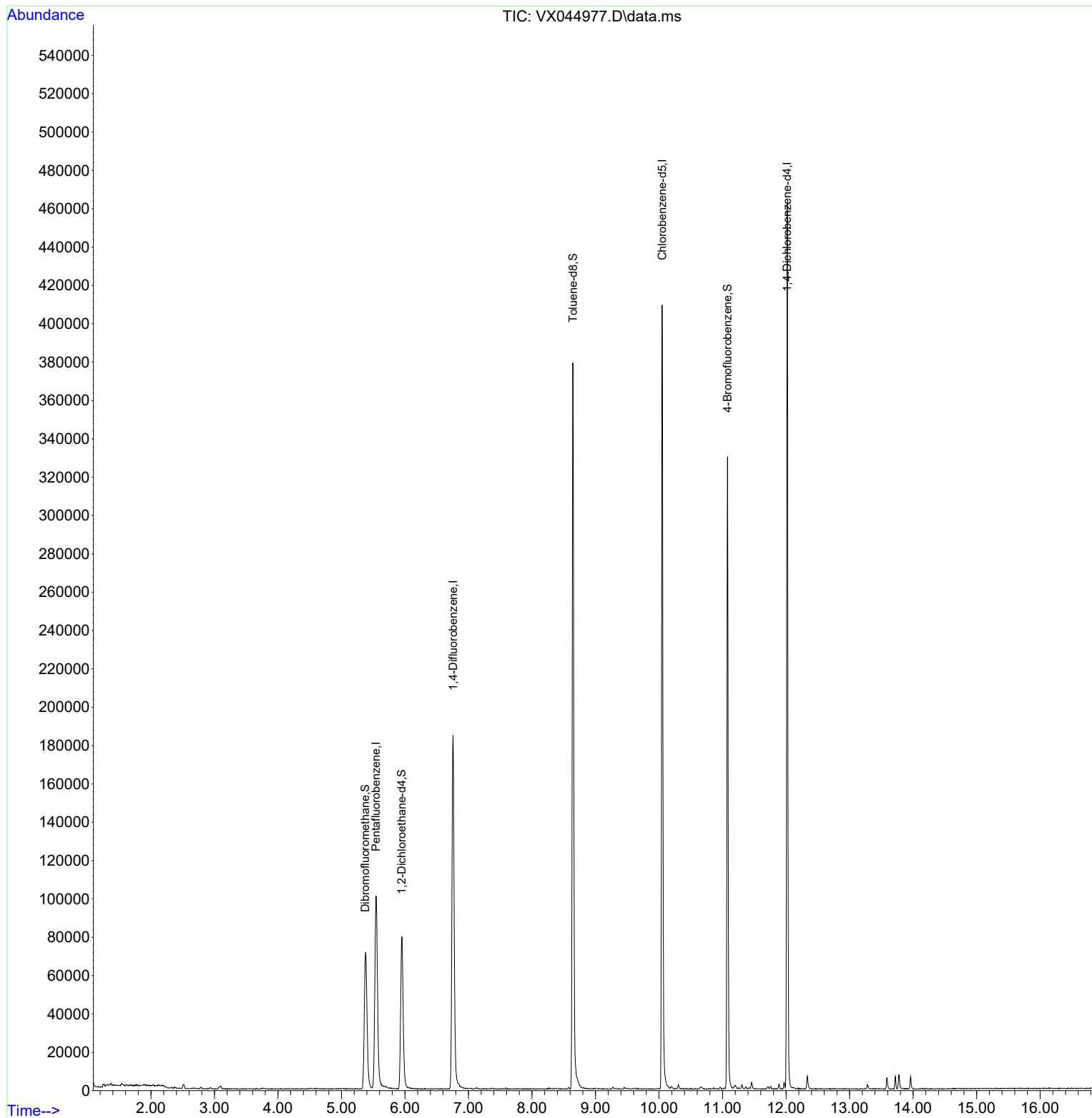
Target Compounds	Qvalue

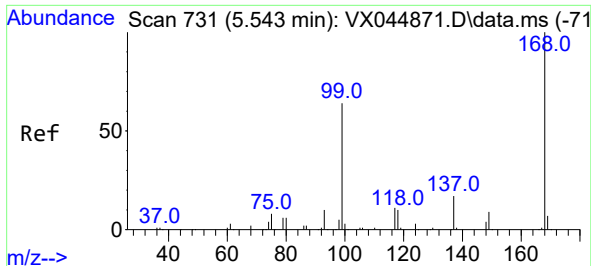
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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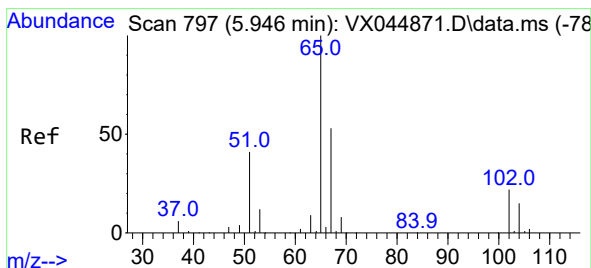
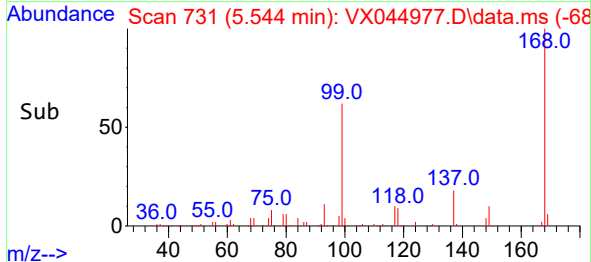
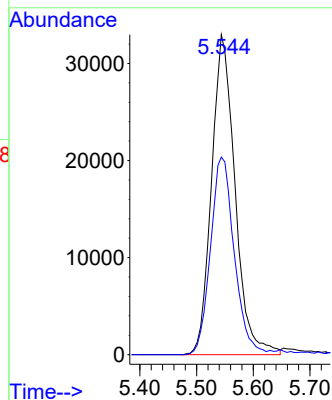
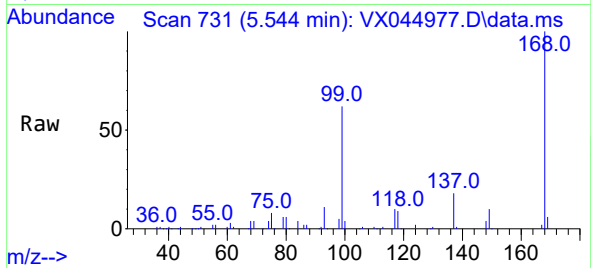




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

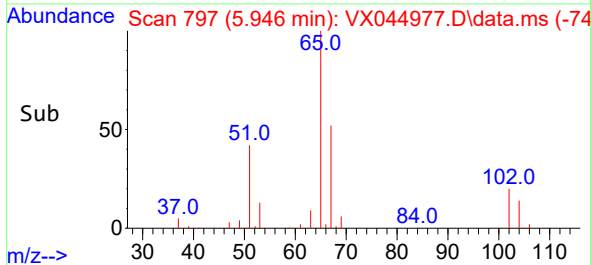
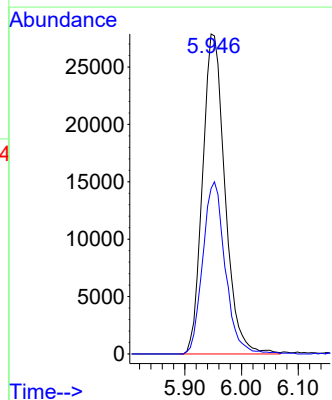
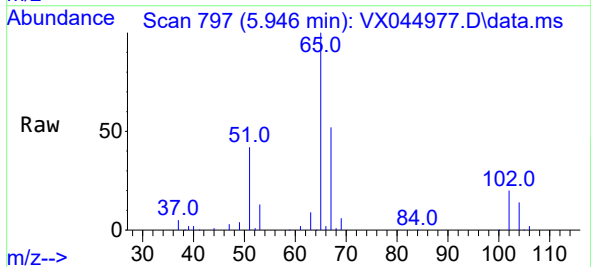
Instrument :
MSVOA_X
ClientSampleId :
VX0218MBL01

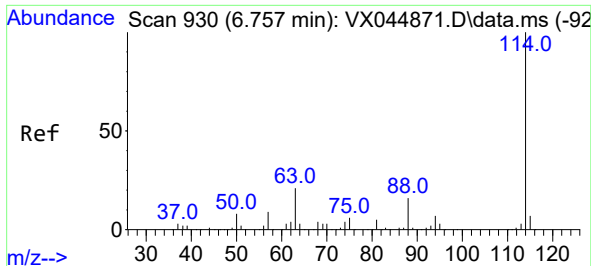
Tgt Ion:168 Resp: 94640
Ion Ratio Lower Upper
168 100
99 61.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.24 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

Tgt Ion: 65 Resp: 76525
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.2

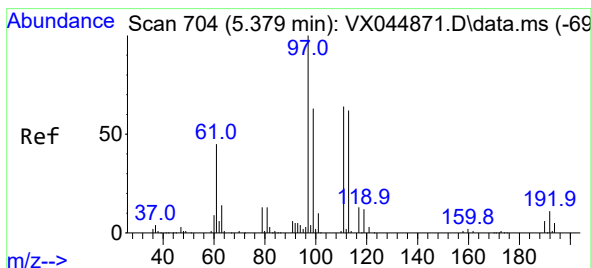
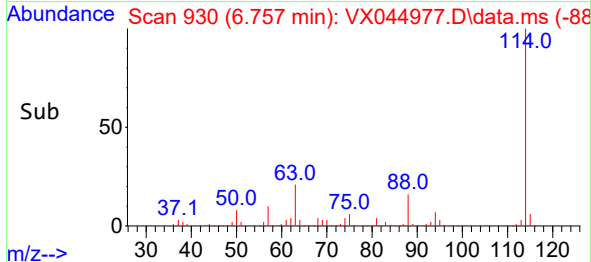
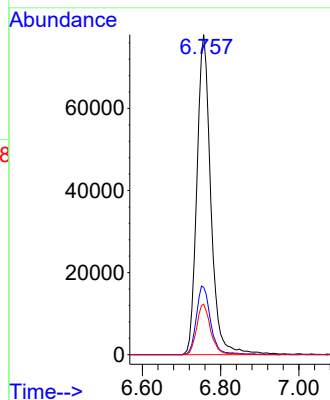
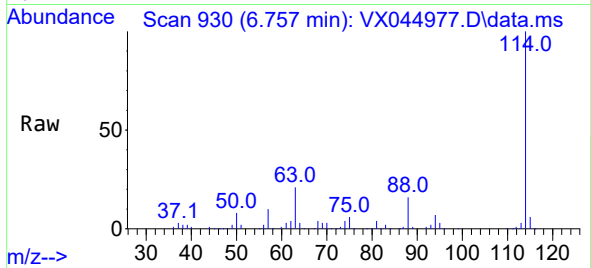




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

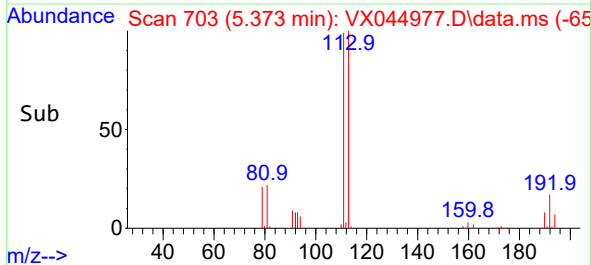
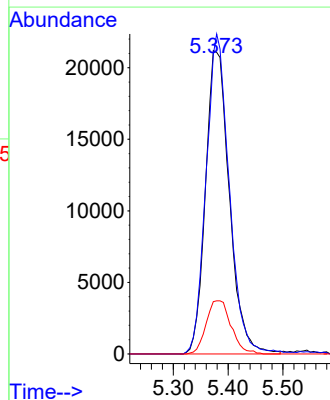
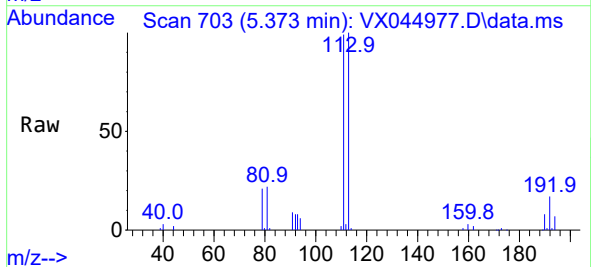
Instrument :
MSVOA_X
ClientSampleId :
VX0218MBL01

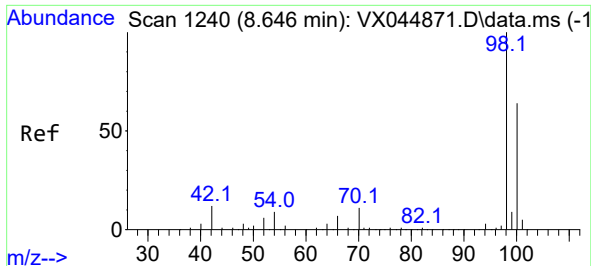
Tgt Ion:114 Resp: 193375
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

Tgt Ion:113 Resp: 64084
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 18.3 14.4 21.6

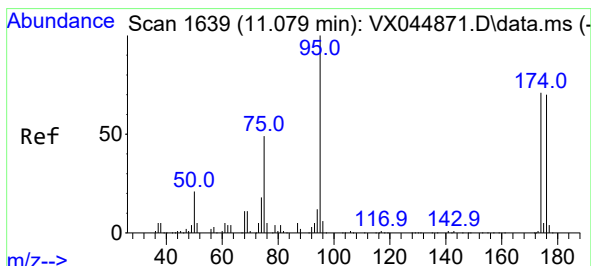
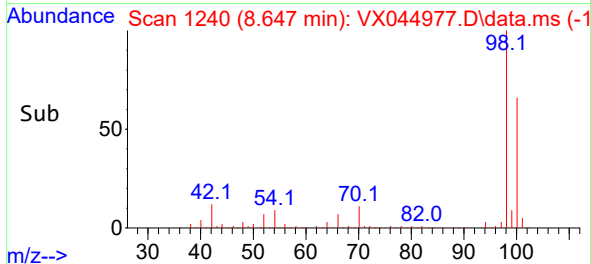
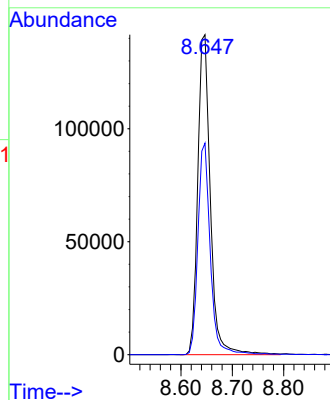
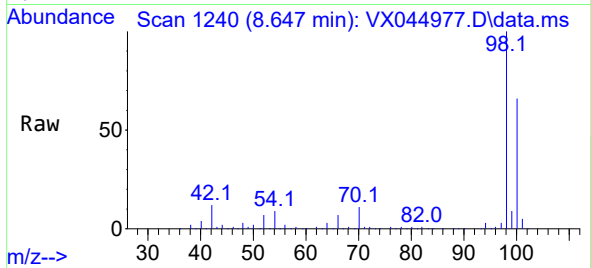




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

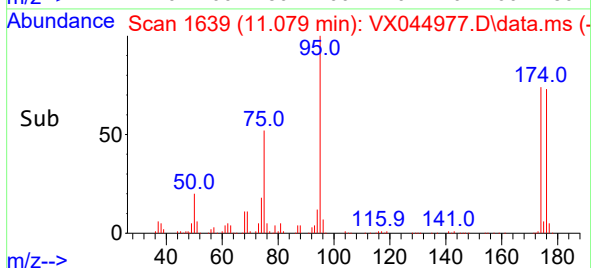
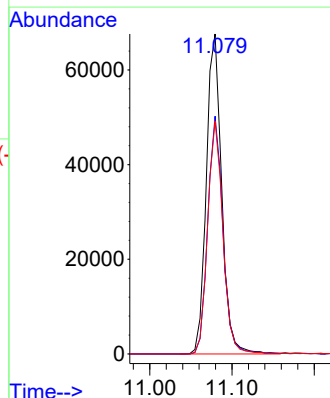
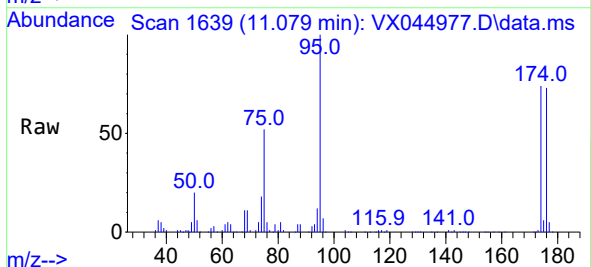
Instrument :
MSVOA_X
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VX0218MBL01

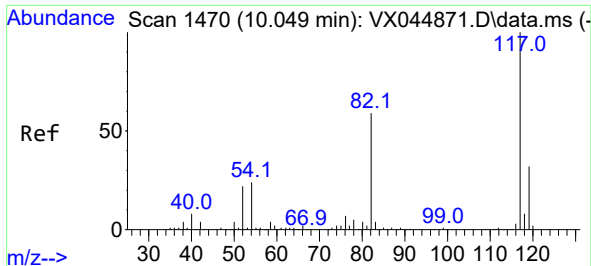
Tgt Ion: 98 Resp: 240882
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

Tgt Ion: 95 Resp: 87820
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 72.1 0.0 141.6

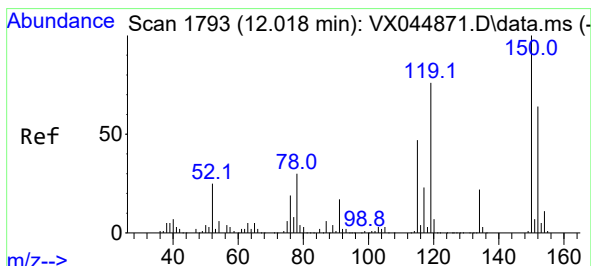
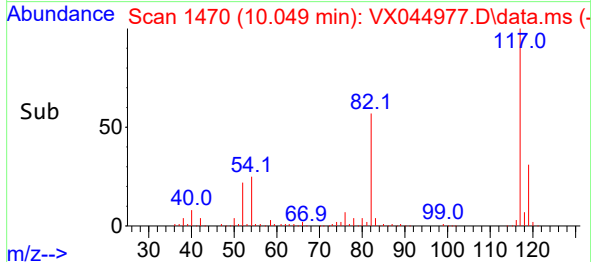
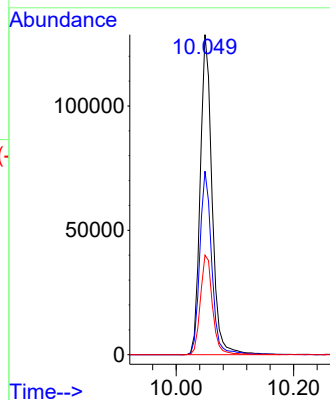
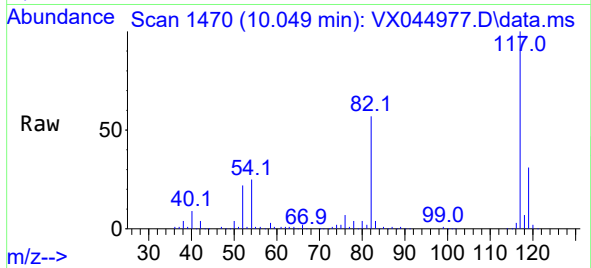




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0218MBL01

Tgt Ion:117 Resp: 179881
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044977.D
Acq: 18 Feb 2025 11:08

Tgt Ion:152 Resp: 88122
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.1
150 158.4 0.0 350.4

