

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045184.D
 Acq On : 10 Mar 2025 10:34
 Operator : JC/MD
 Sample : VX0310MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310MBL01

Quant Time: Mar 11 03:50:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	77051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63551	51.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.700%
35) Dibromofluoromethane	5.379	113	52082	52.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	8.641	98	188549	52.290	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	11.079	95	64958	54.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.720%

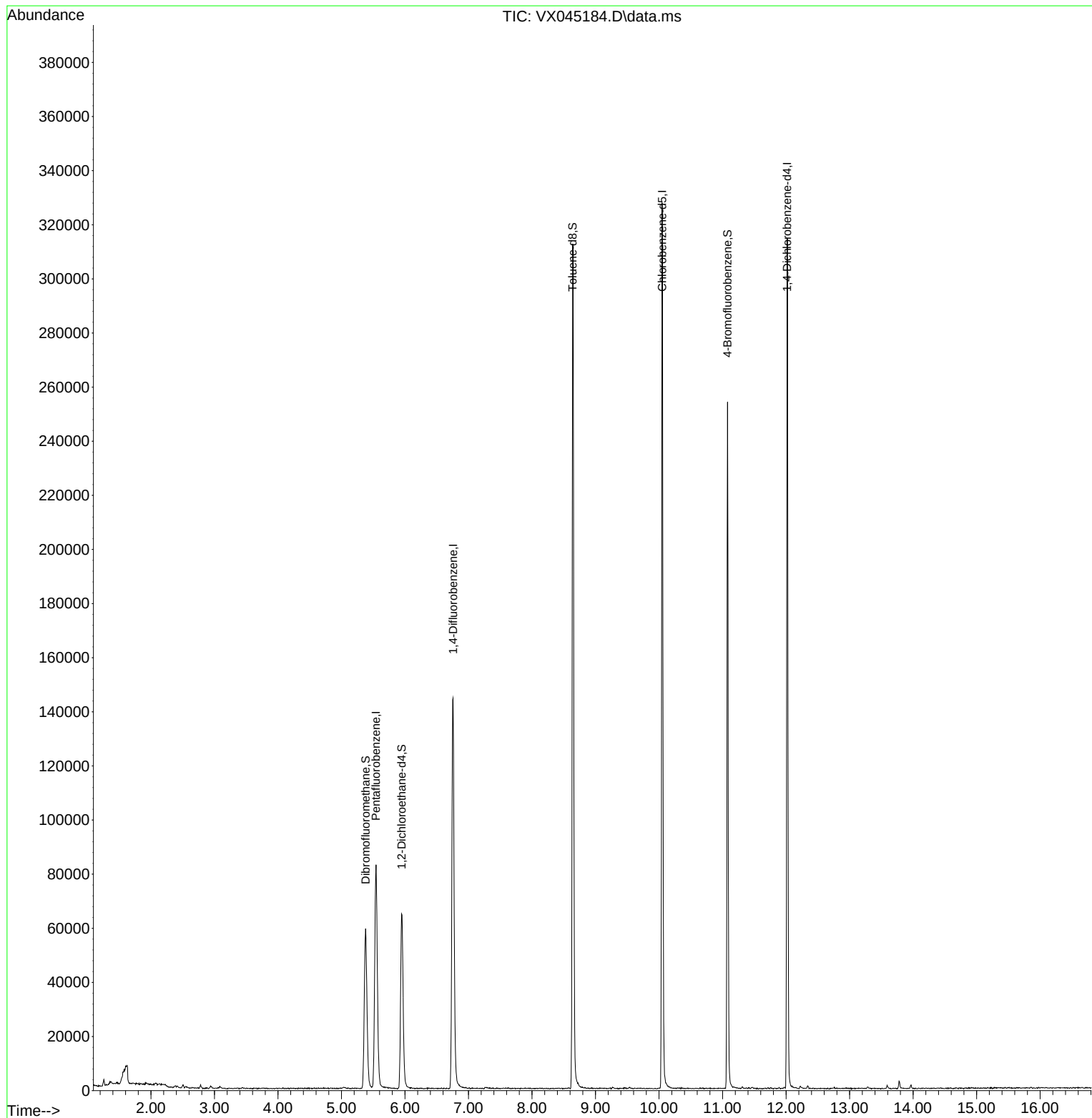
Target Compounds	Qvalue

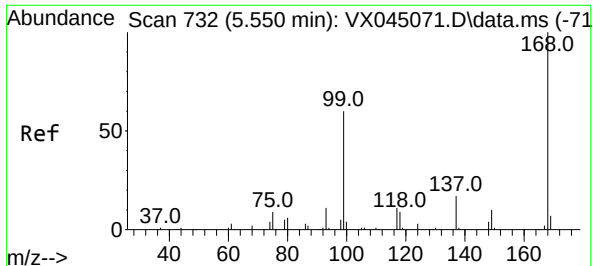
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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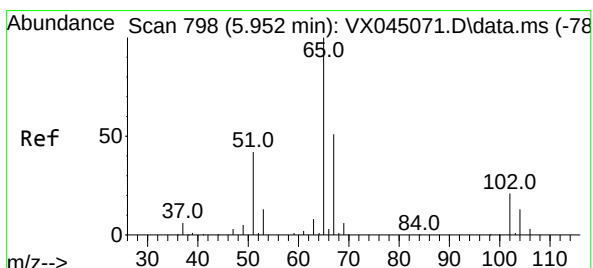
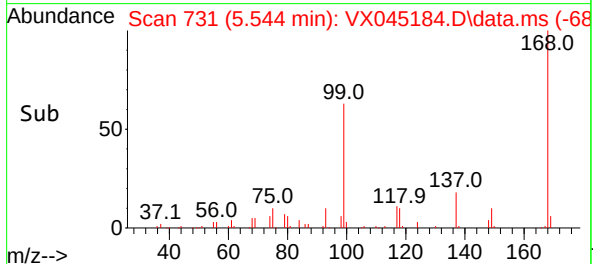
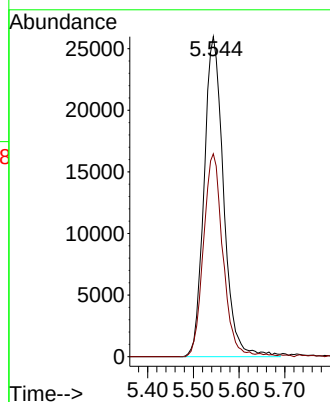
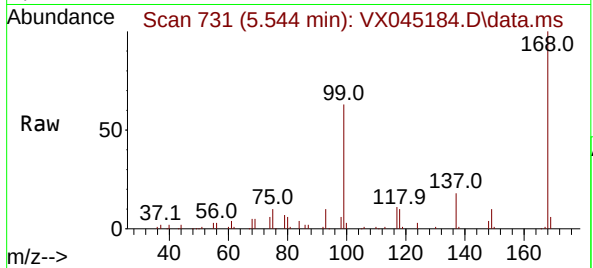




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

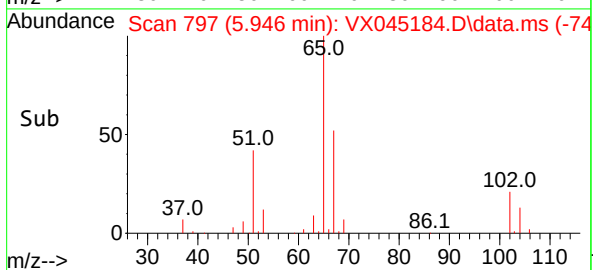
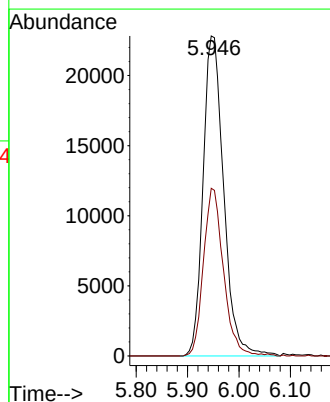
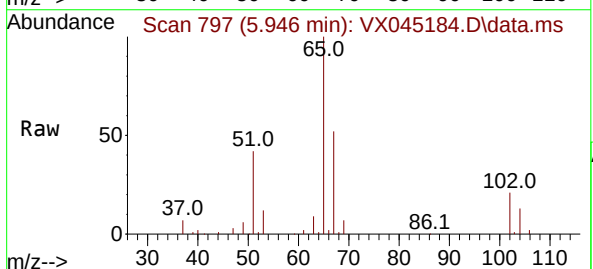
Instrument :
MSVOA_X
ClientSampleId :
VX0310MBL01

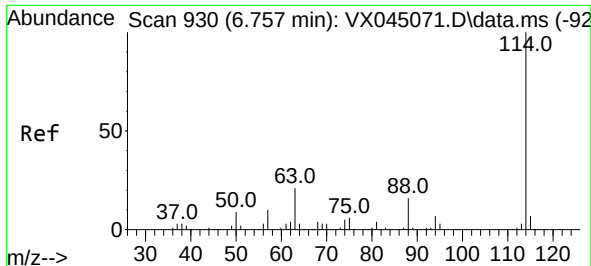
Tgt Ion:168 Resp: 77051
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.853 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

Tgt Ion: 65 Resp: 63551
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

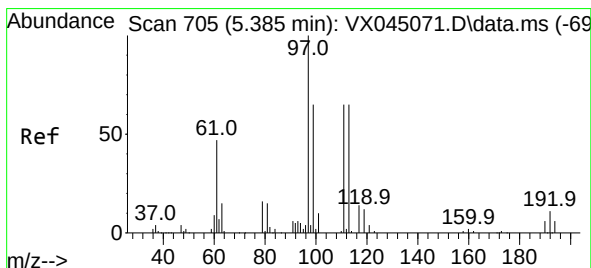
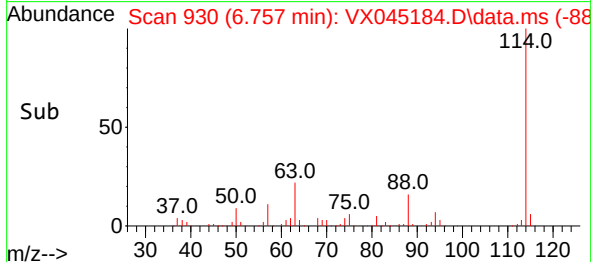
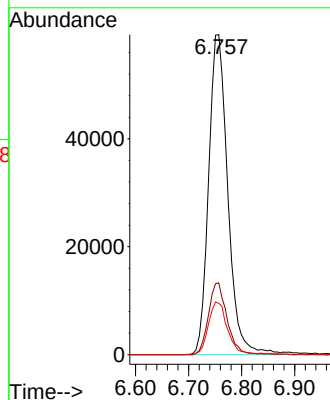
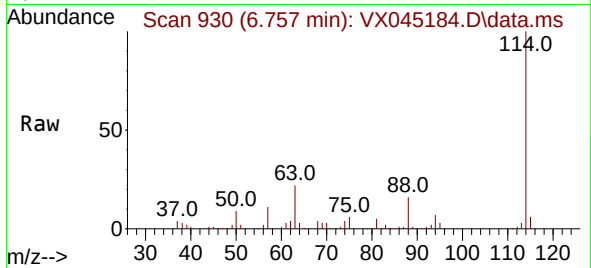




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

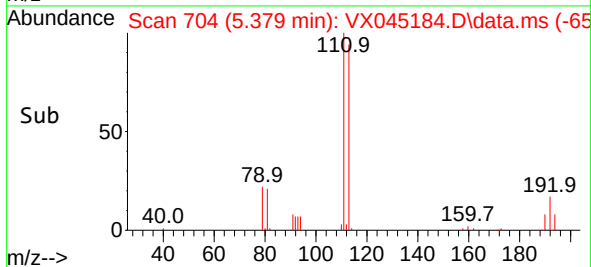
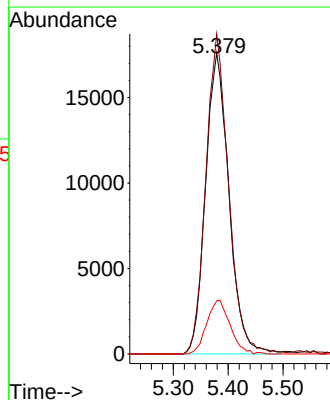
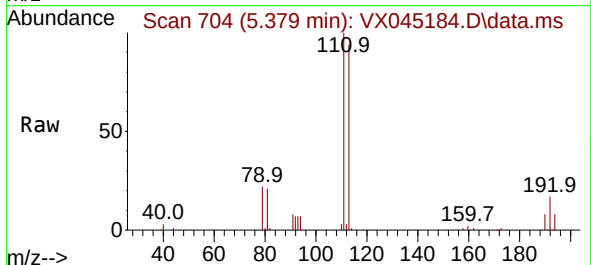
Instrument :
MSVOA_X
ClientSampleId :
VX0310MBL01

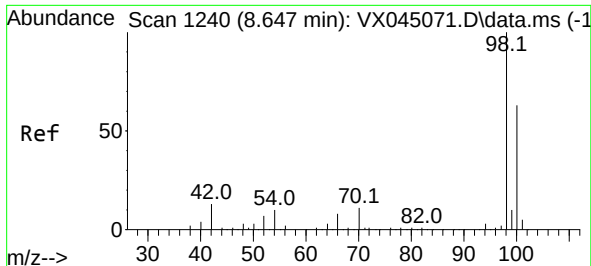
Tgt Ion:114 Resp: 148745
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.364 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

Tgt Ion:113 Resp: 52082
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.8 14.3 21.5

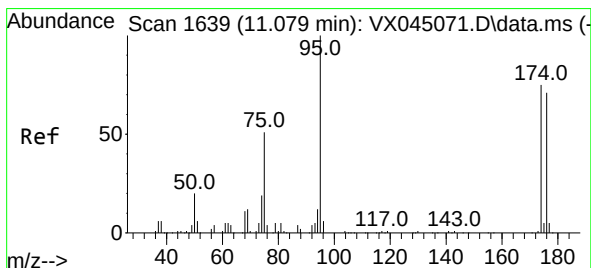
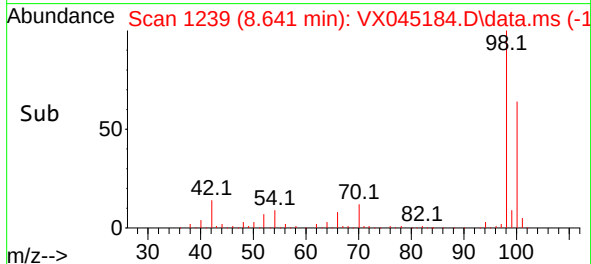
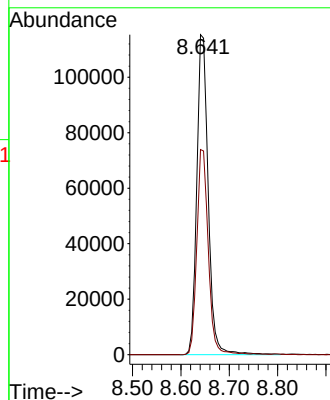
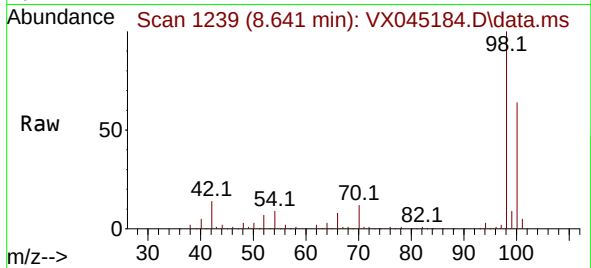




#50
Toluene-d8
Concen: 52.290 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

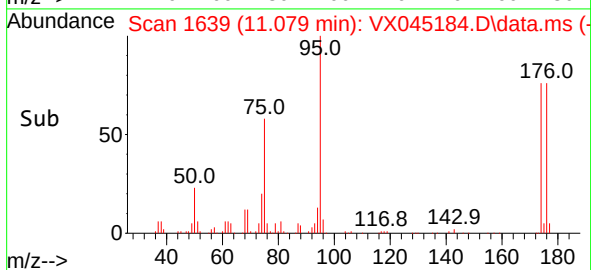
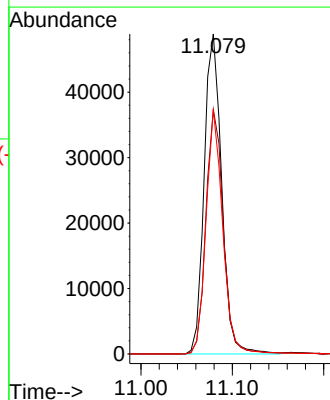
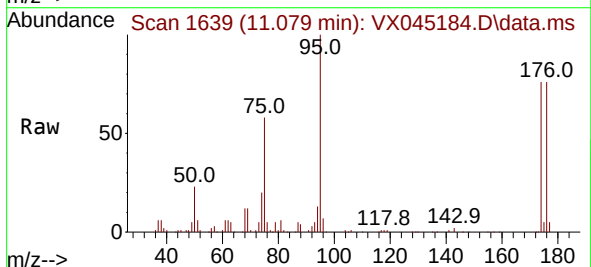
Instrument :
MSVOA_X
ClientSampleId :
VX0310MBL01

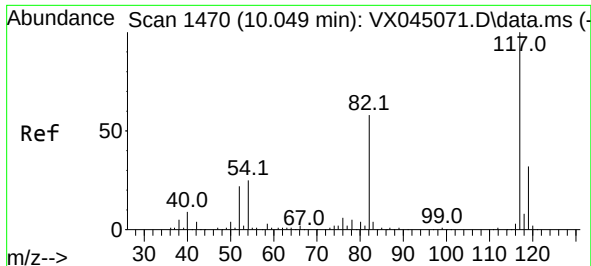
Tgt Ion: 98 Resp: 188549
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

Tgt Ion: 95 Resp: 64958
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.2
176 72.6 0.0 141.4

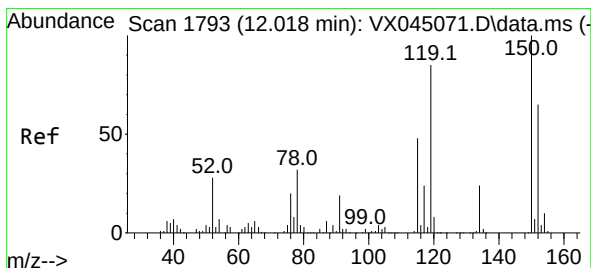
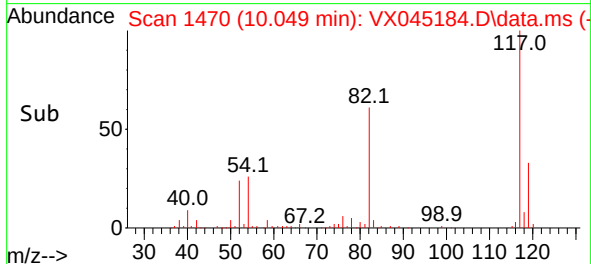
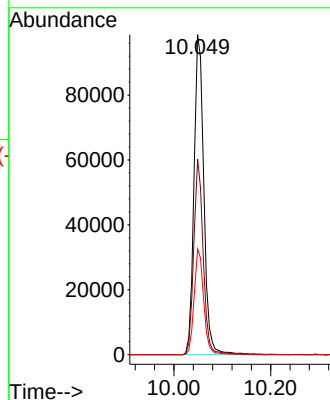
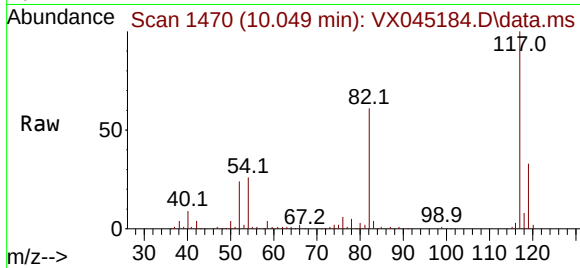




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0310MBL01

Tgt Ion:117 Resp: 139472
Ion Ratio Lower Upper
117 100
82 61.1 46.3 69.5
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045184.D
Acq: 10 Mar 2025 10:34

Tgt Ion:152 Resp: 62289
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 152.8 0.0 349.0

