

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045090.D
 Acq On : 28 Feb 2025 15:44
 Operator : JC/MD
 Sample : Q1462-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Feb 28 23:09:13 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	5.550	168	72859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59792	51.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.180%
35) Dibromofluoromethane	5.385	113	49261	51.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	8.647	98	176360	50.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	11.079	95	59659	51.818	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.640%

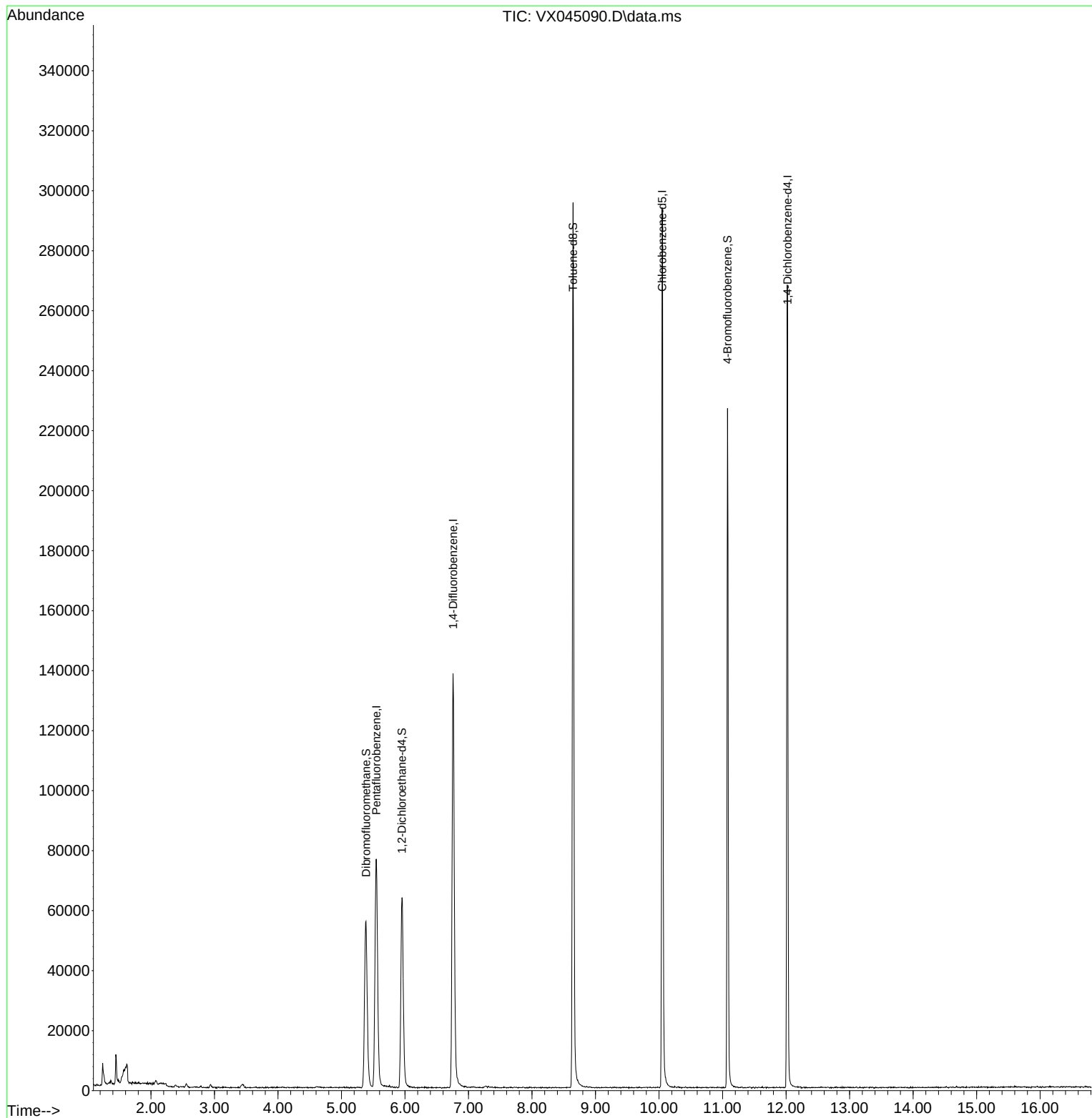
Target Compounds	Qvalue

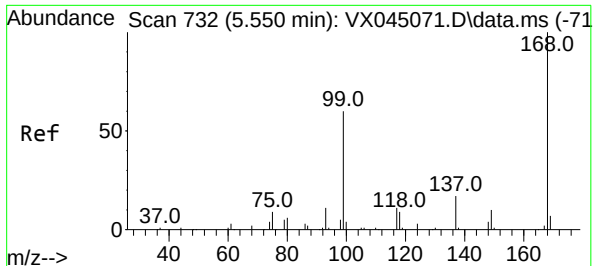
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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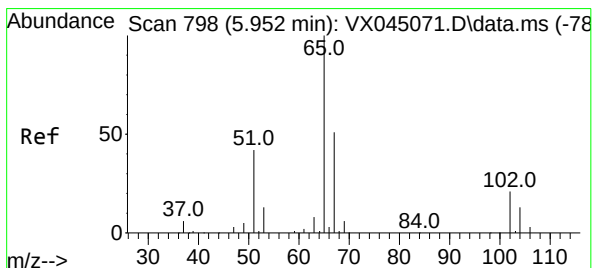
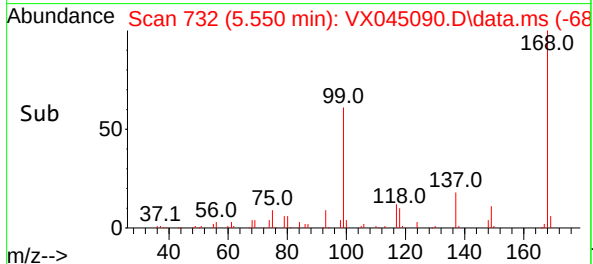
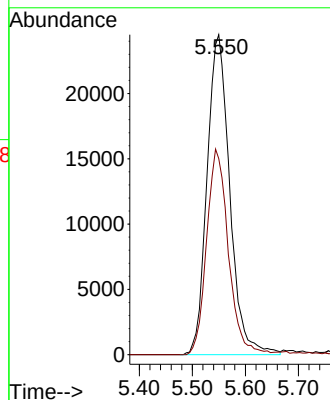
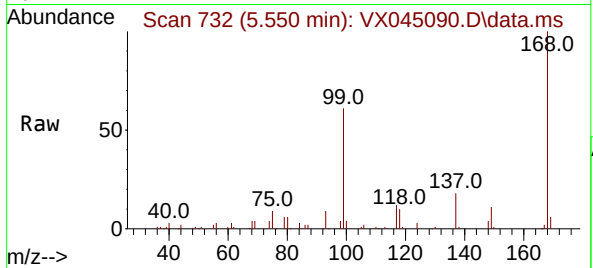




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

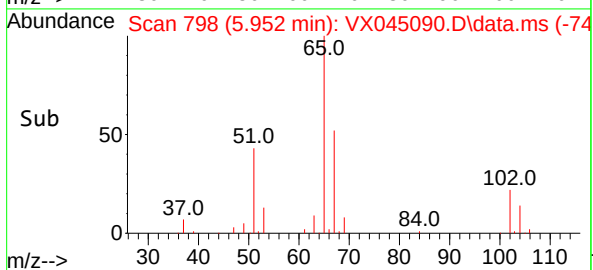
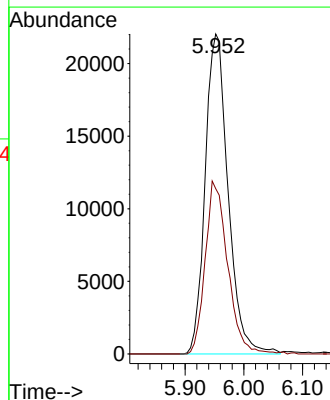
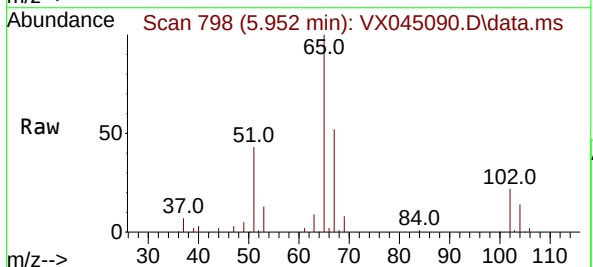
Instrument :
MSVOA_X
ClientSampleId :
FB

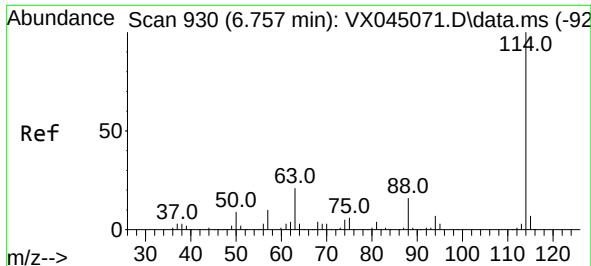
Tgt Ion:168 Resp: 72859
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.592 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 65 Resp: 59792
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

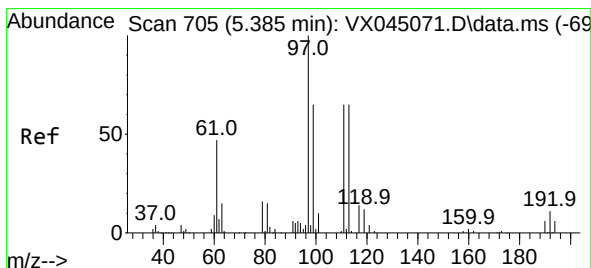
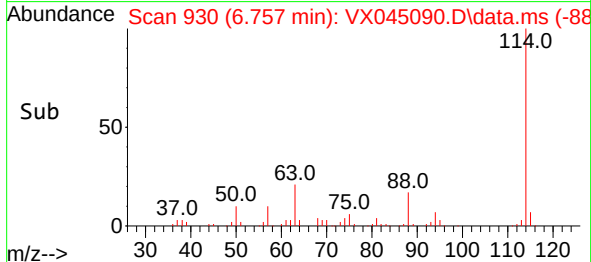
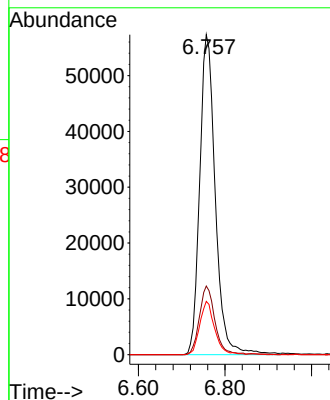
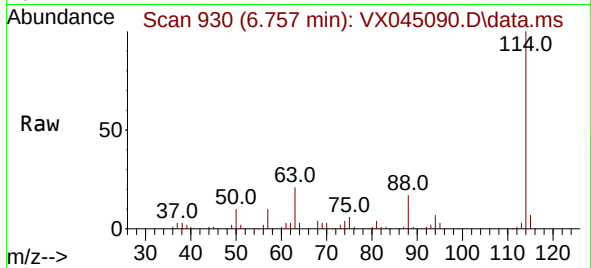




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

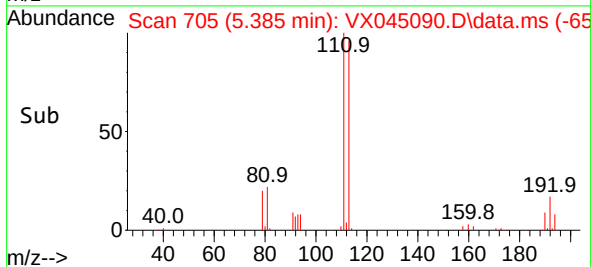
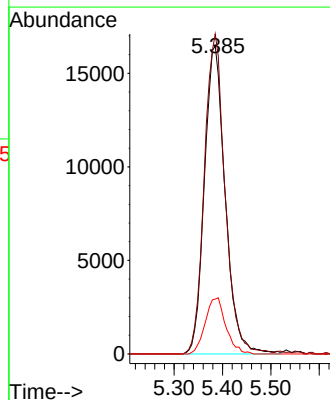
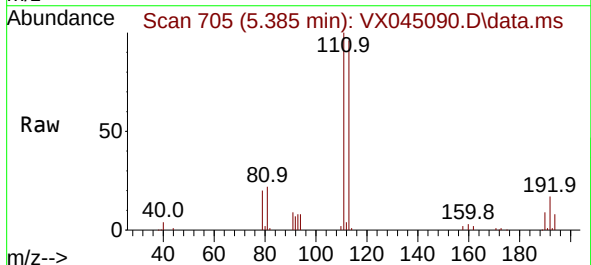
Instrument :
MSVOA_X
ClientSampleId :
FB

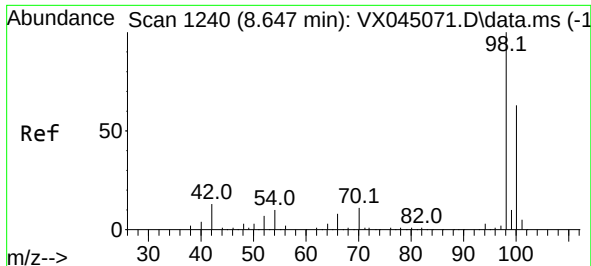
Tgt Ion:114 Resp: 143324
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.401 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion:113 Resp: 49261
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 18.0 14.3 21.5

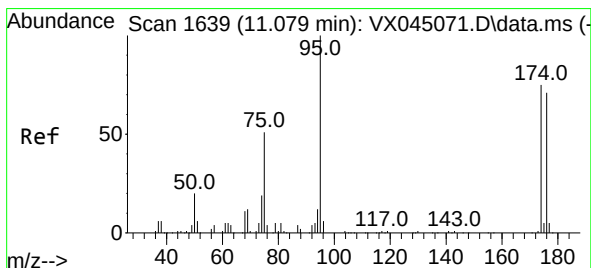
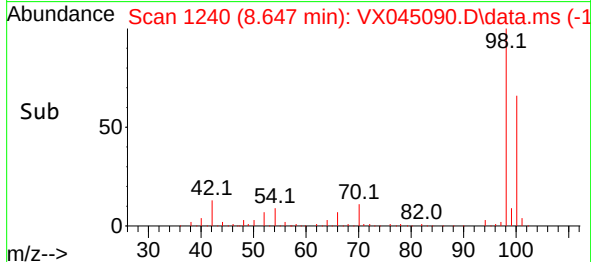
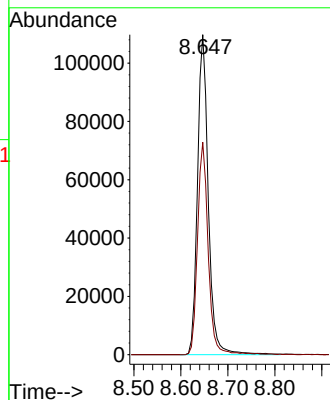
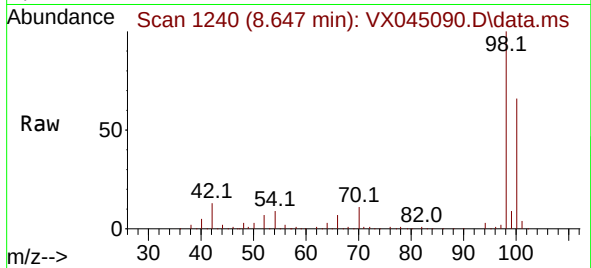




#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

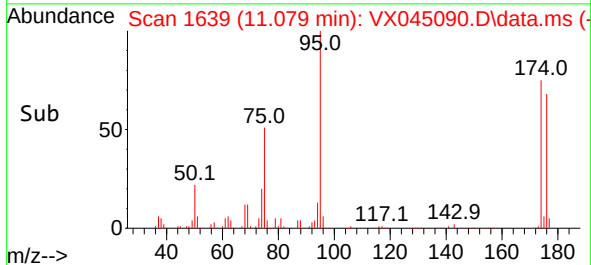
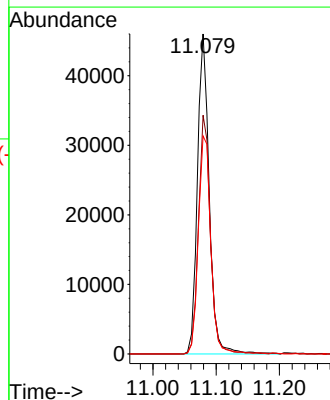
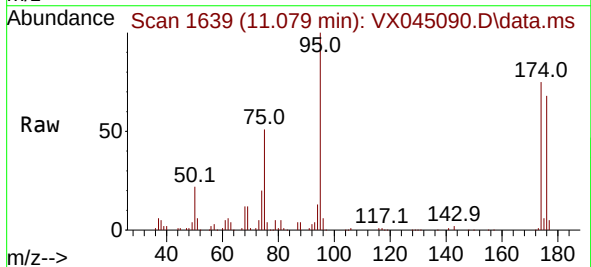
Instrument :
MSVOA_X
ClientSampleId :
FB

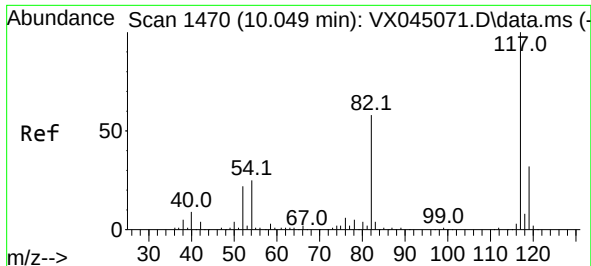
Tgt Ion: 98 Resp: 176360
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion: 95 Resp: 59659
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.2
176 72.1 0.0 141.4

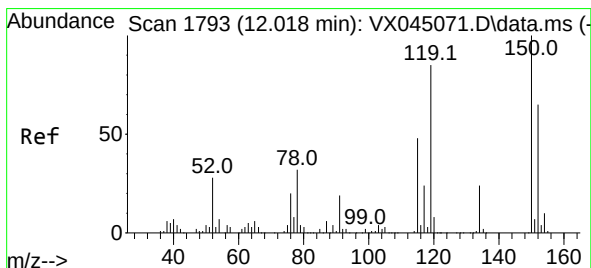
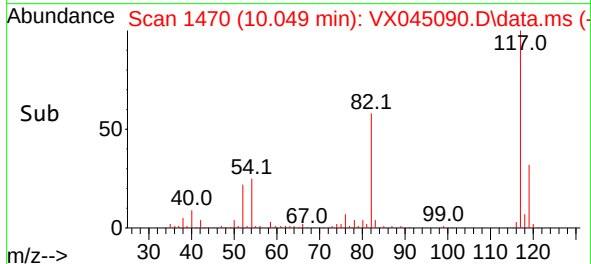
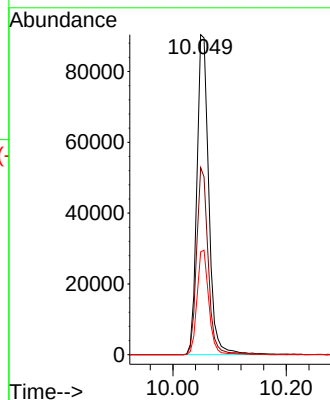
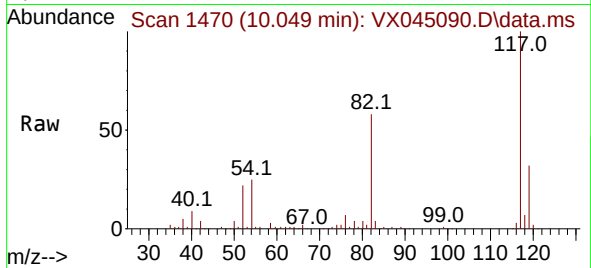




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:117 Resp: 131539
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045090.D
Acq: 28 Feb 2025 15:44

Tgt Ion:152 Resp: 54108
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 159.2 0.0 349.0

