

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044942.D
 Acq On : 12 Feb 2025 18:39
 Operator : JC/MD
 Sample : Q1356-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-FB

Quant Time: Feb 13 00:53:55 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	81511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66824	56.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.020%
35) Dibromofluoromethane	5.379	113	55866	51.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	8.647	98	209142	50.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	70532	50.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.960%

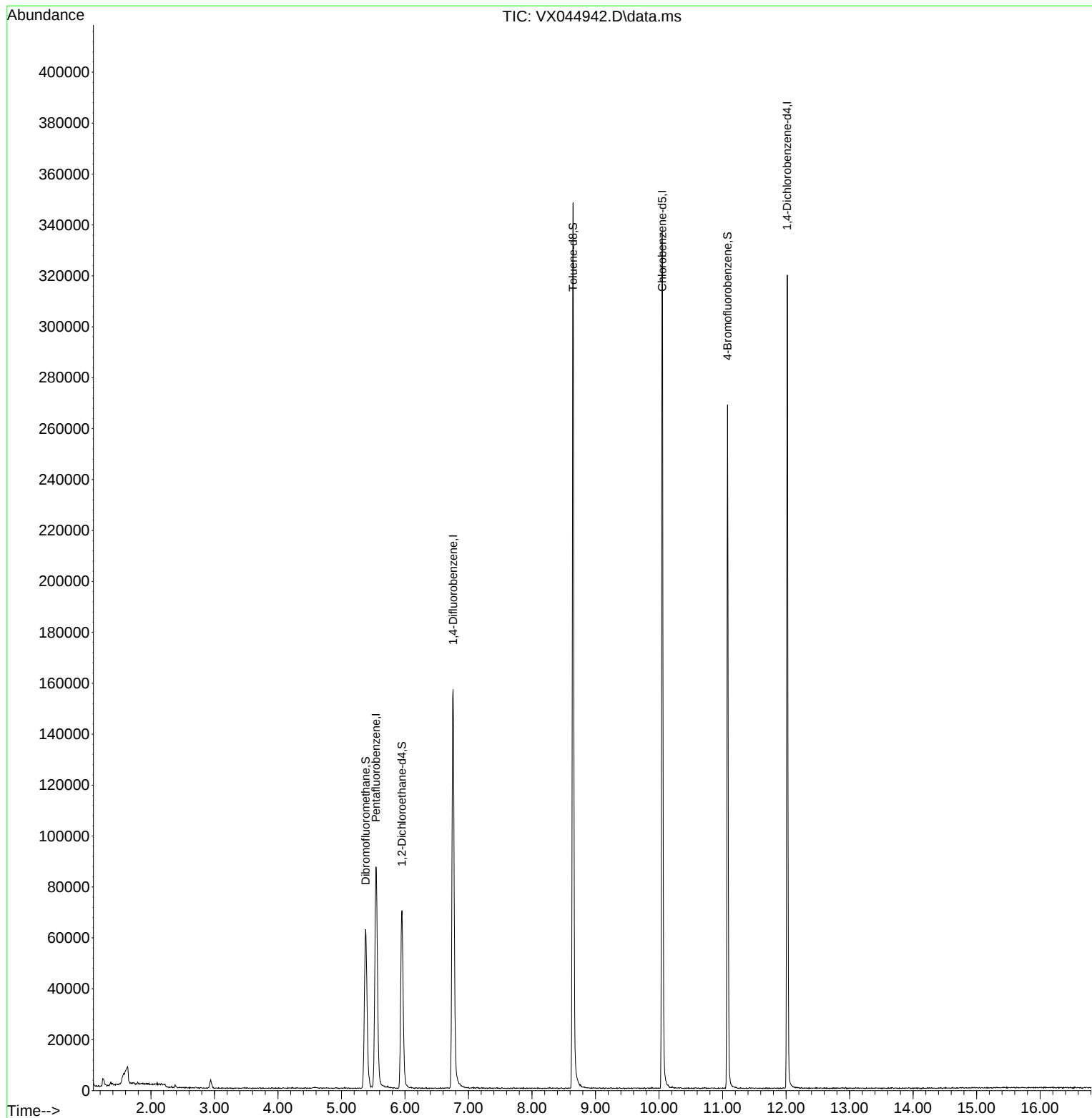
Target Compounds	Qvalue

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

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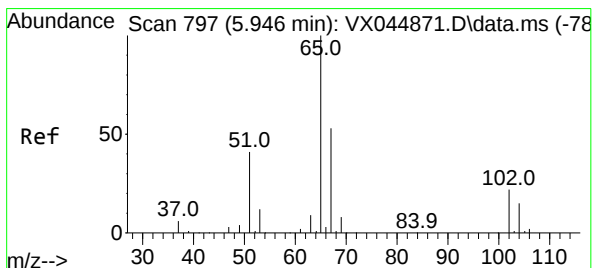
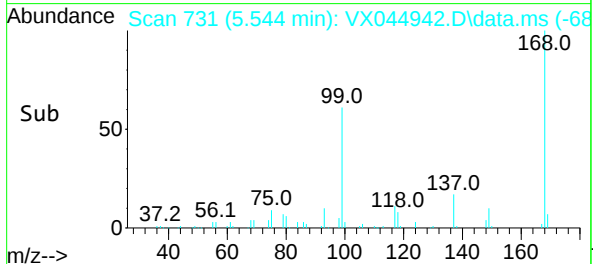
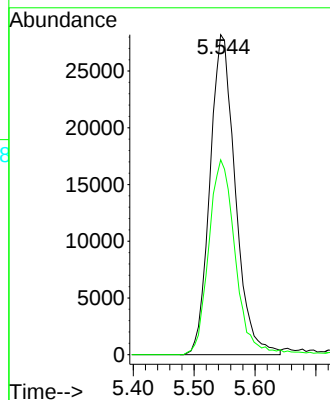
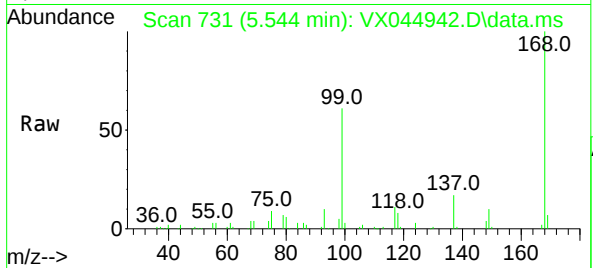




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

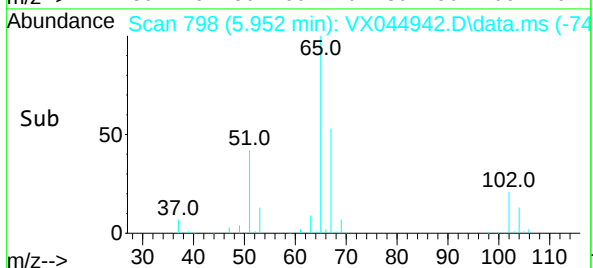
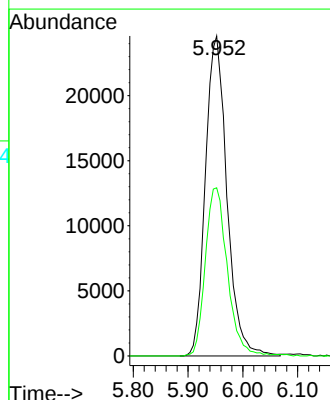
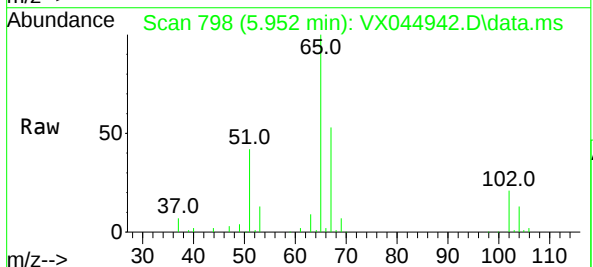
Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

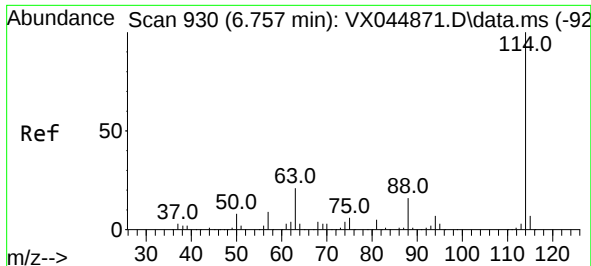
Tgt Ion:168 Resp: 81511
Ion Ratio Lower Upper
168 100
99 60.9 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 56.005 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 65 Resp: 66824
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2

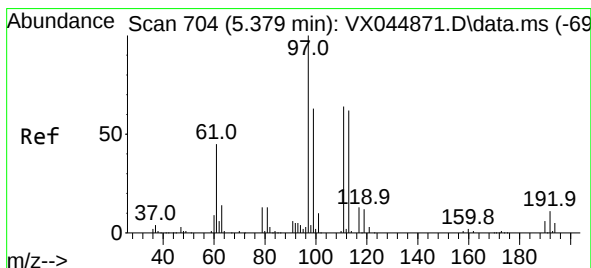
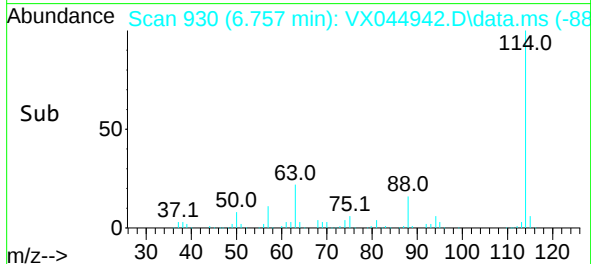
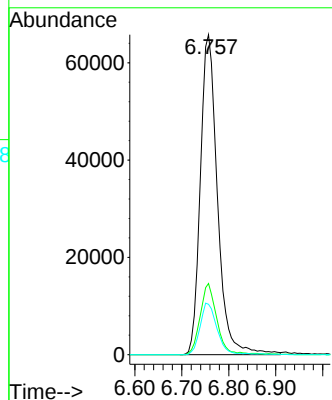
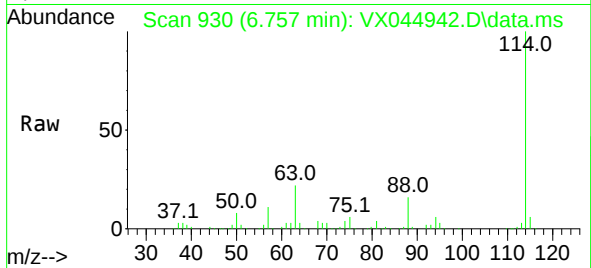




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

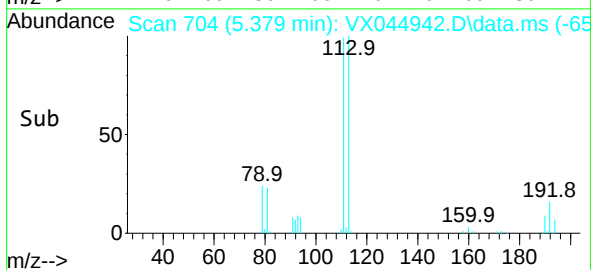
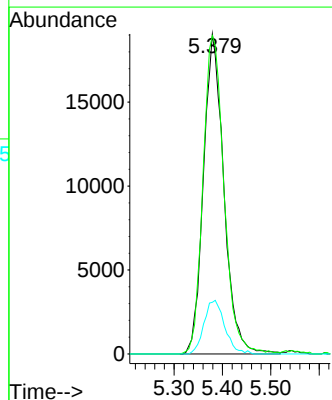
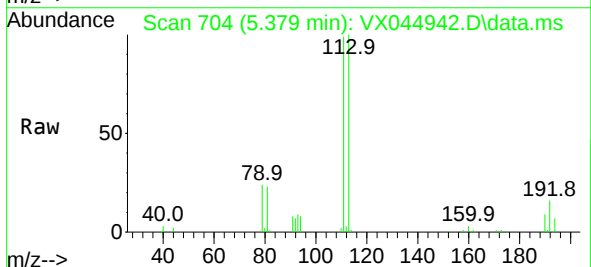
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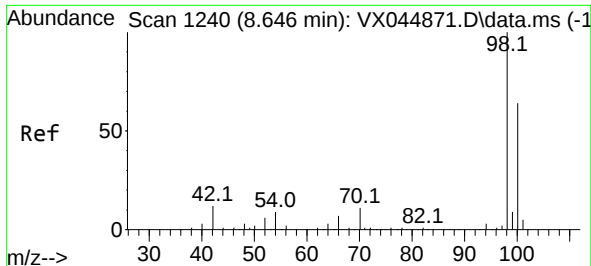
Tgt Ion:114 Resp: 166916
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.4
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.478 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion:113 Resp: 55866
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.0 14.4 21.6

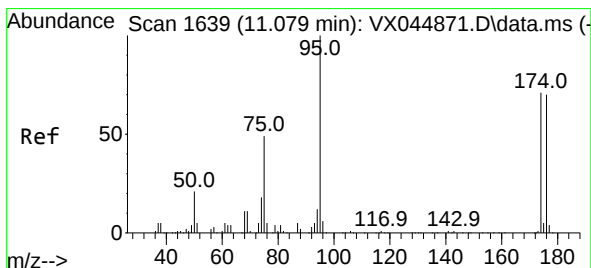
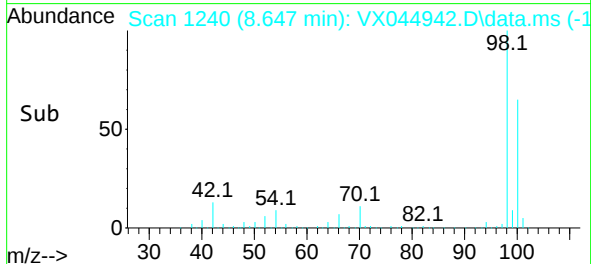
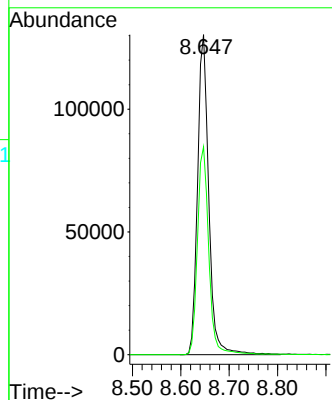
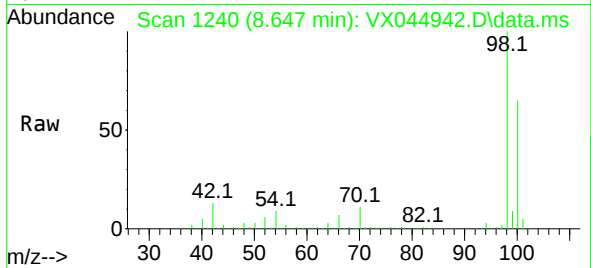




#50
Toluene-d8
Concen: 50.964 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

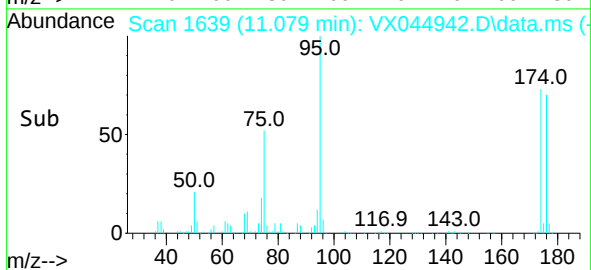
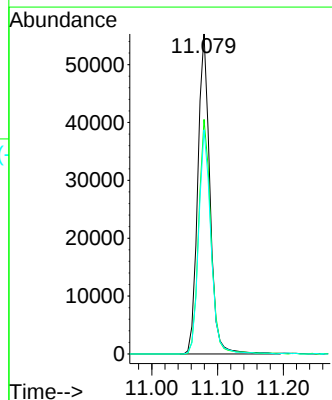
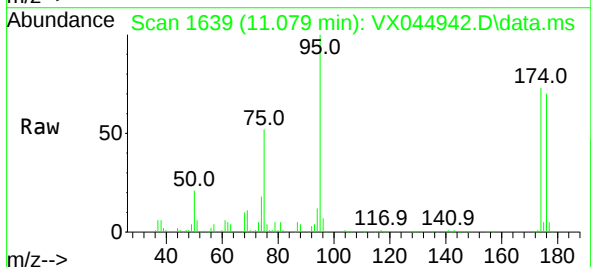
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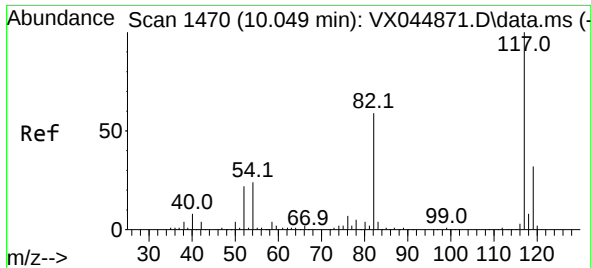
Tgt Ion: 98 Resp: 209142
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 95 Resp: 70532
Ion Ratio Lower Upper
95 100
174 73.8 0.0 142.6
176 70.5 0.0 141.6

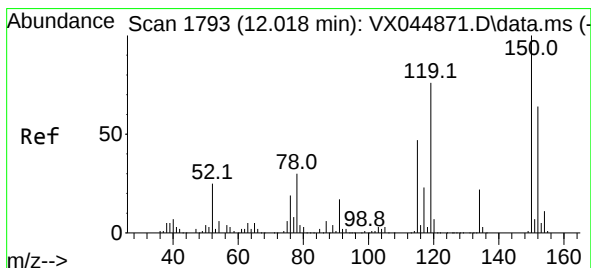
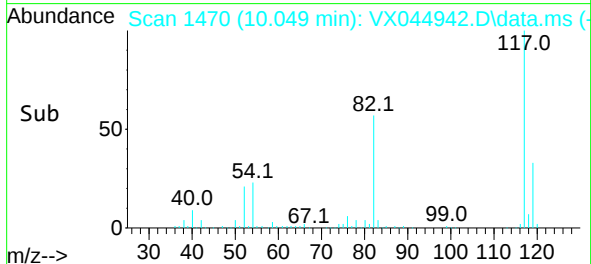
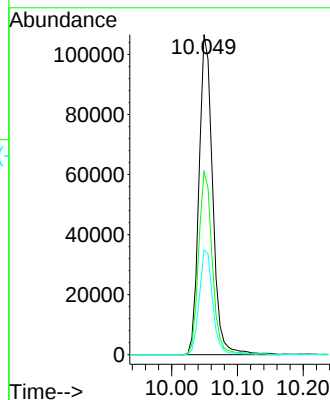
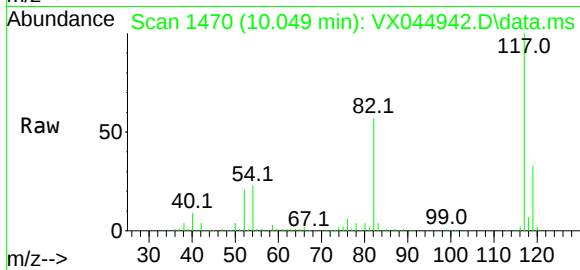




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

Tgt Ion:117 Resp: 153493
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion:152 Resp: 61695
Ion Ratio Lower Upper
152 100
115 62.4 43.4 130.1
150 158.7 0.0 350.4

