

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045002.D
 Acq On : 19 Feb 2025 13:18
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 20 03:41:57 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)

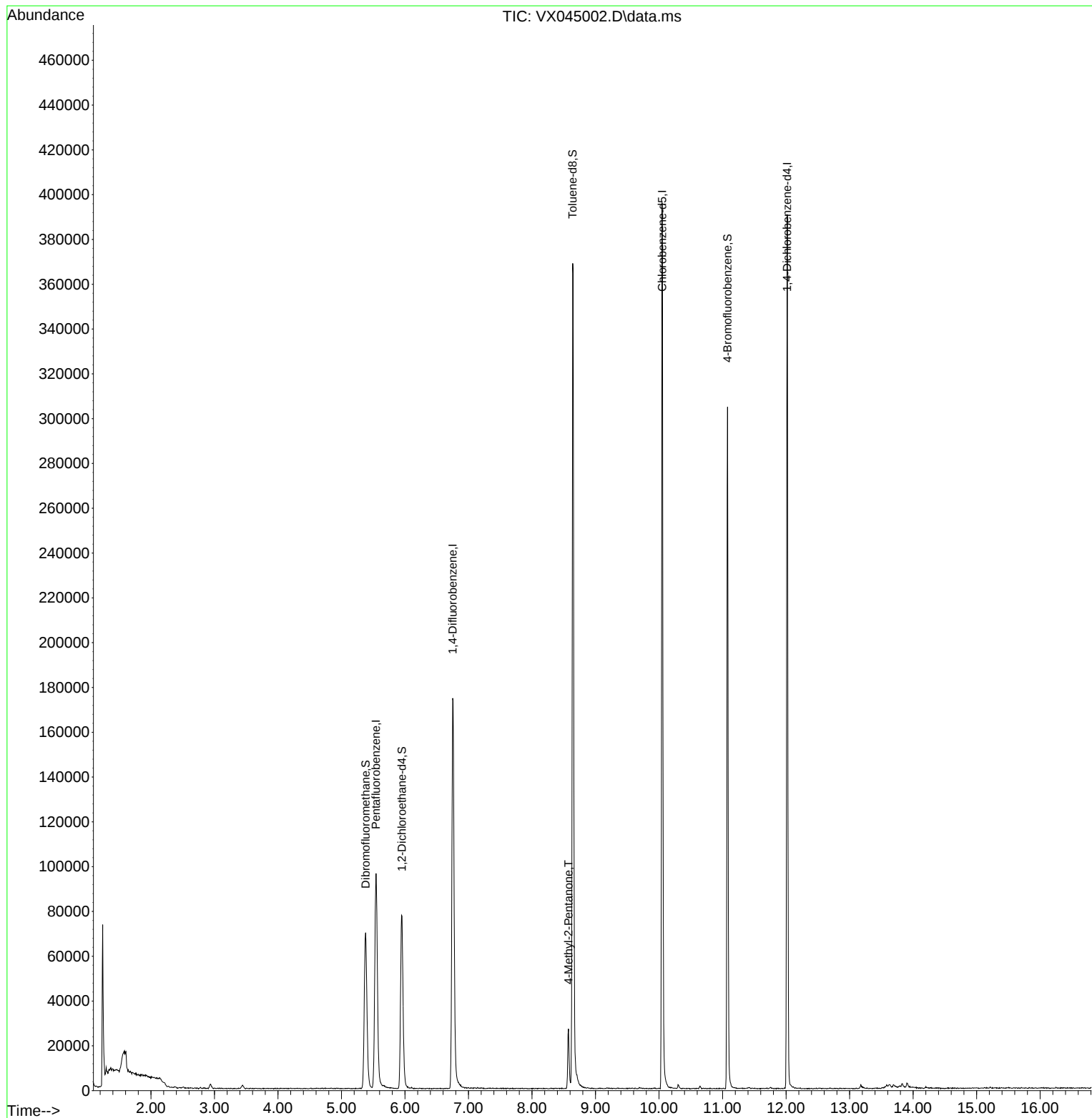
Internal Standards						
1) Pentafluorobenzene	5.544	168	90620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	186687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	168777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74322	56.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.060%	
35) Dibromofluoromethane	5.379	113	62576	51.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	8.641	98	230830	50.292	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.079	95	80745	52.184	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.360%	
Target Compounds						Qvalue
51) 4-Methyl-2-Pentanone	8.574	43	17294	9.044	ug/l	97

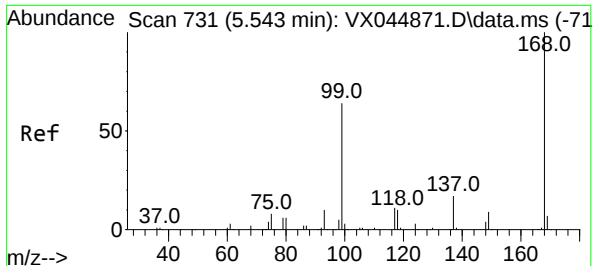
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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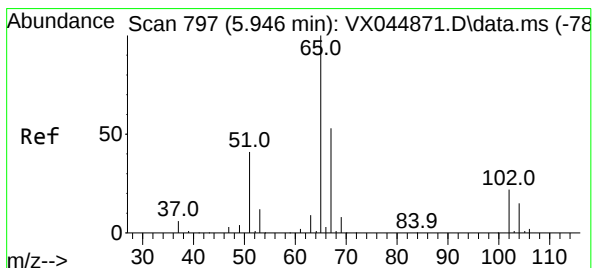
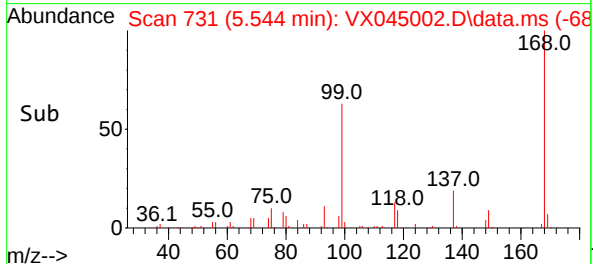
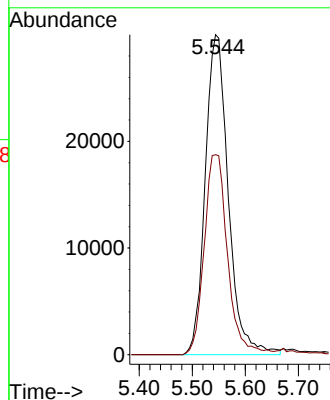
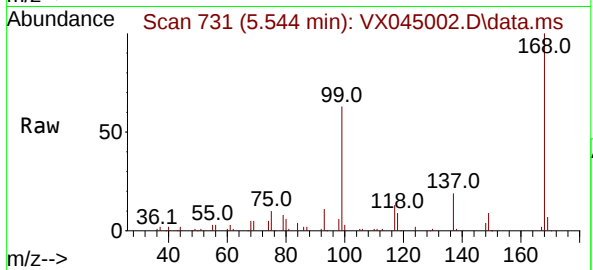




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

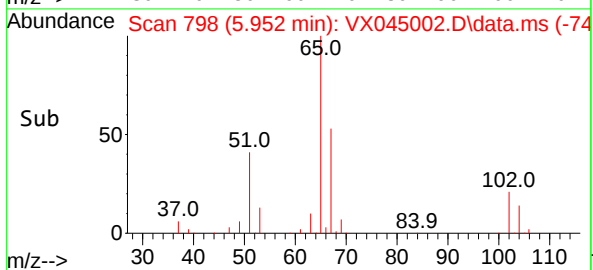
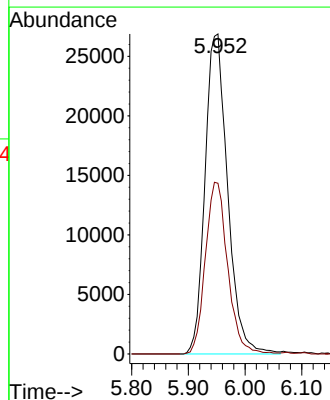
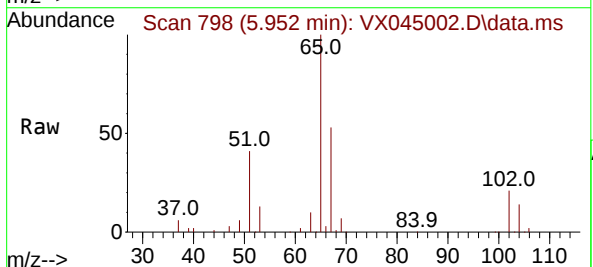
Instrument :
MSVOA_X
ClientSampleId :
IBLK

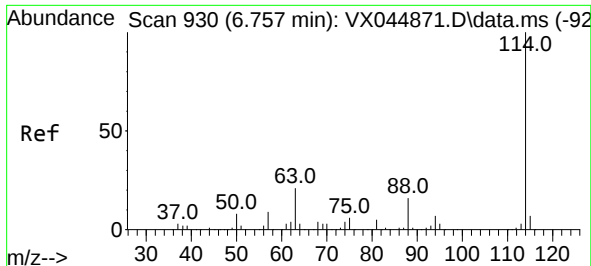
Tgt Ion:168 Resp: 90620
Ion Ratio Lower Upper
168 100
99 62.5 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 56.028 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 65 Resp: 74322
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

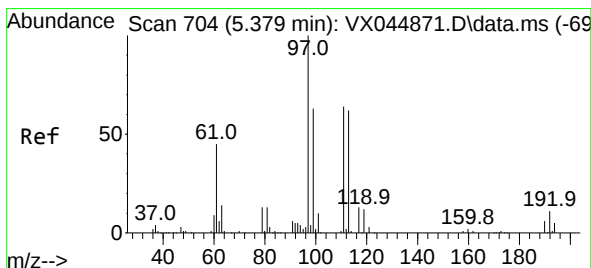
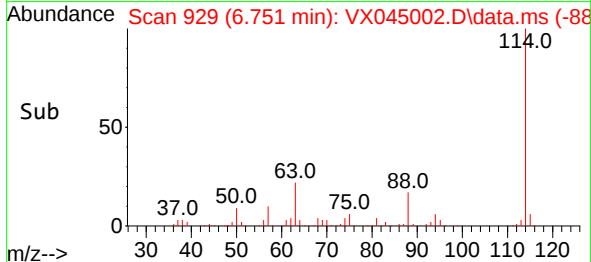
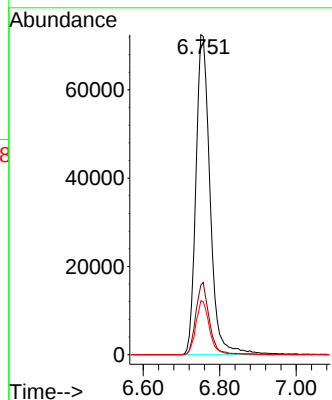
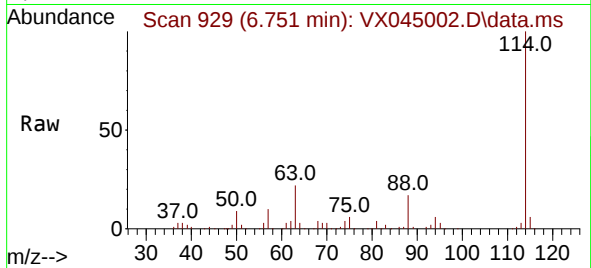




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

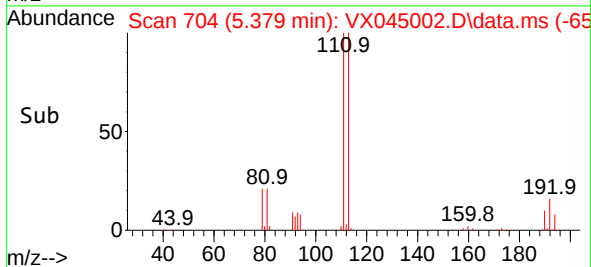
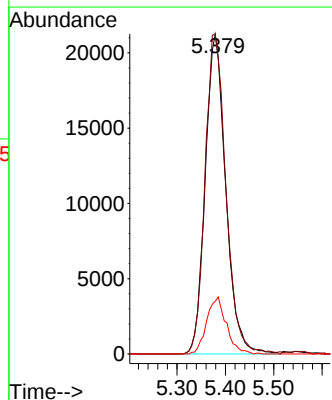
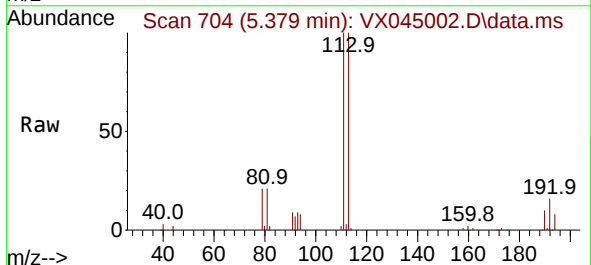
Instrument :
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ClientSampleId :
IBLK

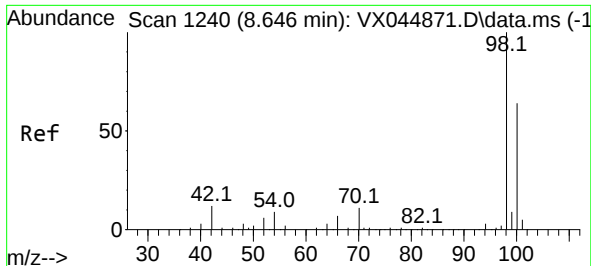
Tgt Ion:114 Resp: 186687
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion:113 Resp: 62576
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.0 14.4 21.6

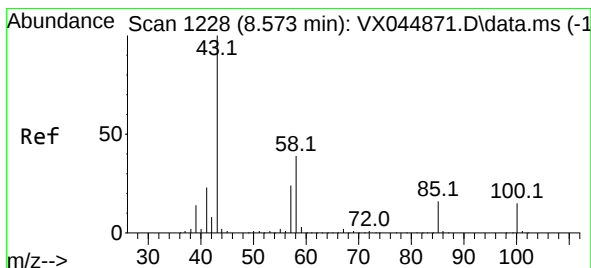
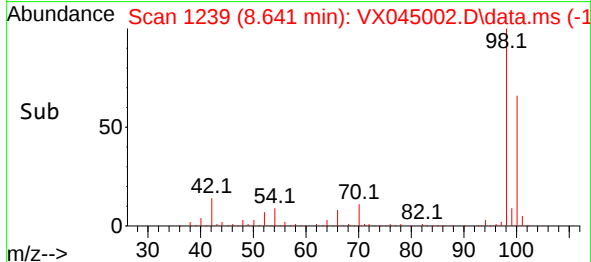
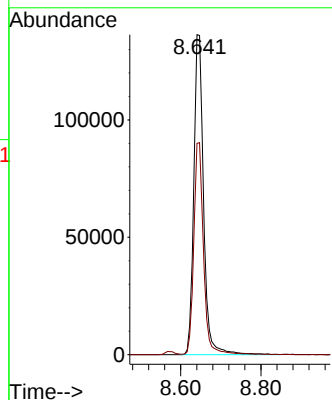
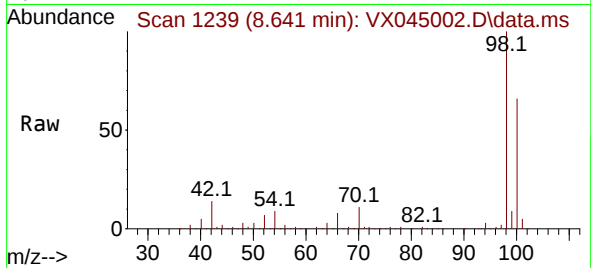




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

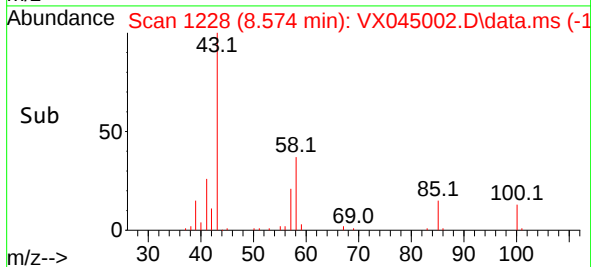
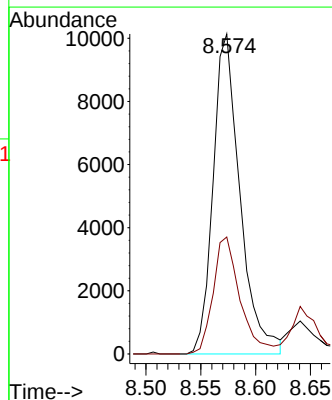
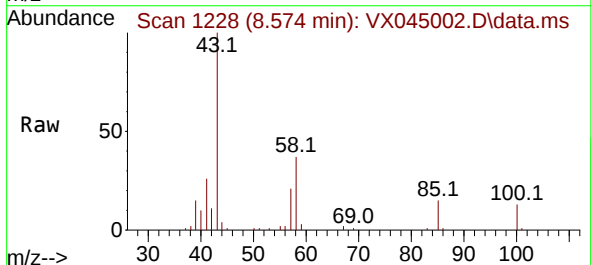
Instrument :
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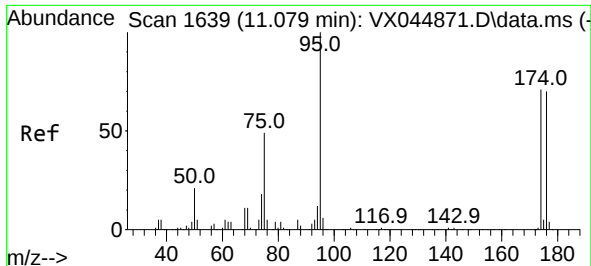
Tgt Ion: 98 Resp: 230830
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 9.044 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 43 Resp: 17294
Ion Ratio Lower Upper
43 100
58 36.6 30.8 46.2

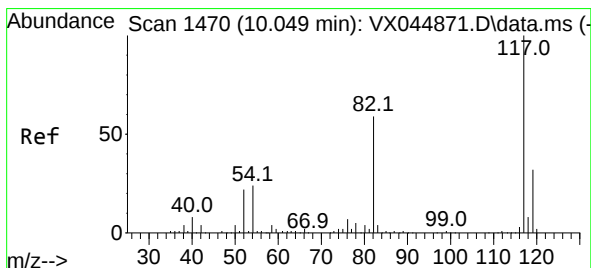
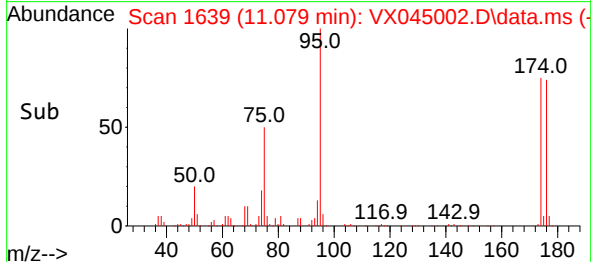
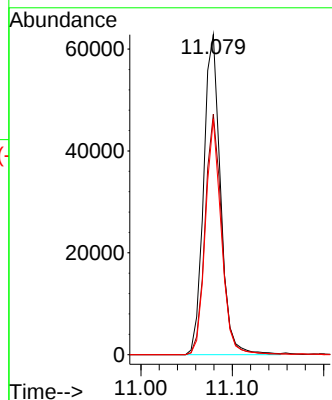
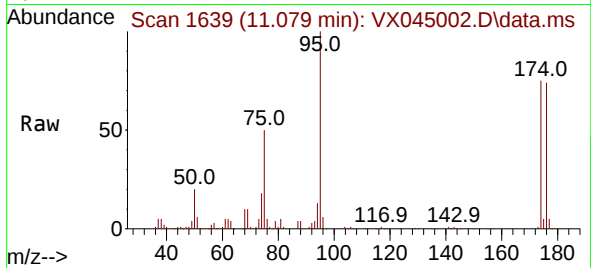




#62
4-Bromofluorobenzene
Concen: 52.184 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

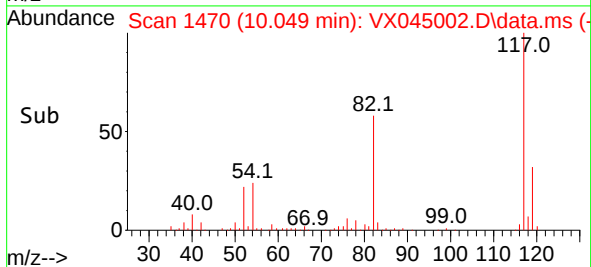
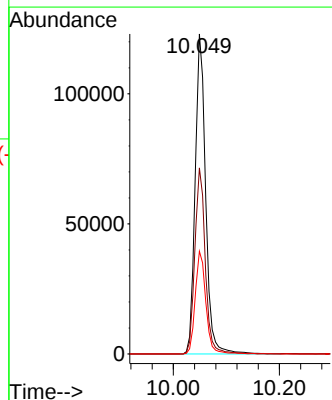
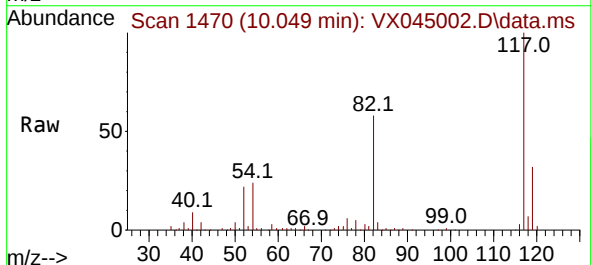
Instrument :
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ClientSampleId :
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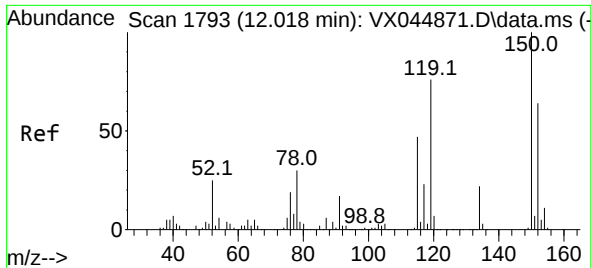
Tgt Ion: 95 Resp: 80745
Ion Ratio Lower Upper
95 100
174 74.4 0.0 142.6
176 69.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

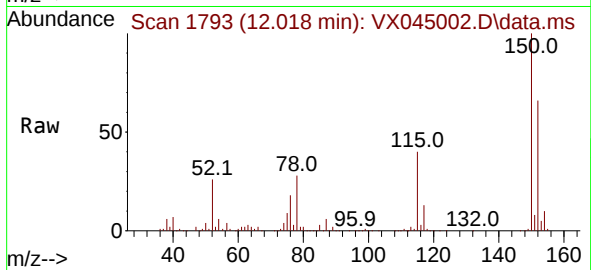
Tgt Ion: 117 Resp: 168777
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045002.D
 Acq: 19 Feb 2025 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 76733
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.4 130.1
 150 151.7 0.0 350.4

