

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047122.D
 Acq On : 24 Jul 2025 15:54
 Operator : JC/MD
 Sample : Q2481-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-BL

Quant Time: Jul 25 01:25:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

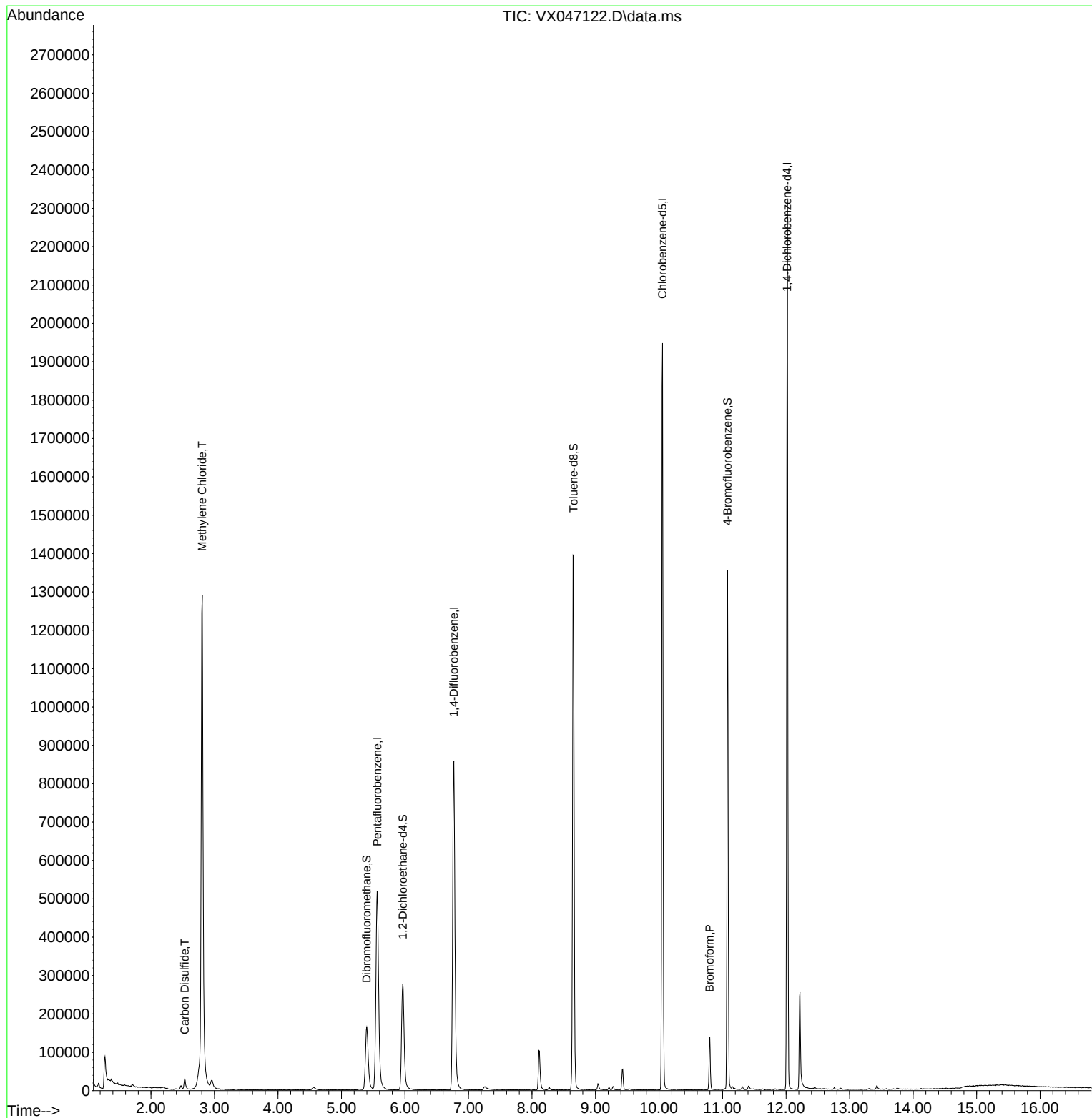
Internal Standards						
1) Pentafluorobenzene	5.562	168	503250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	912608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	857469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	440518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292044	46.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.180%		
35) Dibromofluoromethane	5.397	113	155554	27.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	55.220%#		
50) Toluene-d8	8.653	98	850076	46.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.160%		
62) 4-Bromofluorobenzene	11.079	95	351914	44.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.500%		
Target Compounds						
17) Carbon Disulfide	2.532	76	36282	1.983	ug/l	98
20) Methylene Chloride	2.806	84	624555	90.398	ug/l	99
71) Bromoform	10.799	173	49616	9.658	ug/l #	98

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

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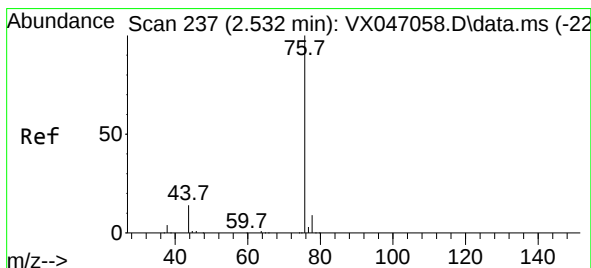
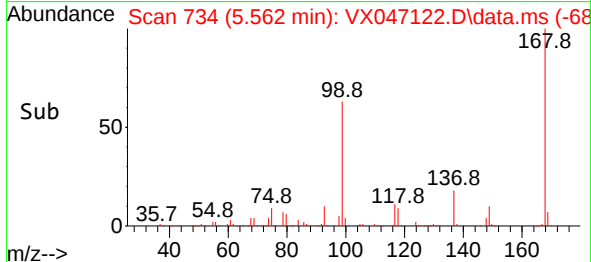
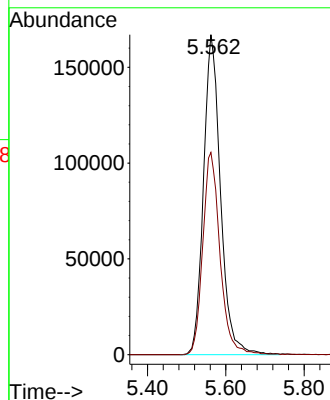
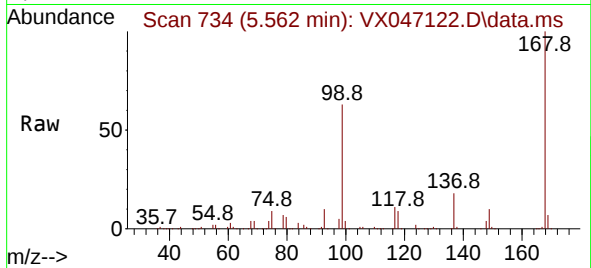




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

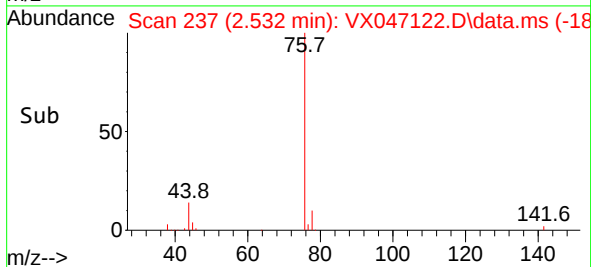
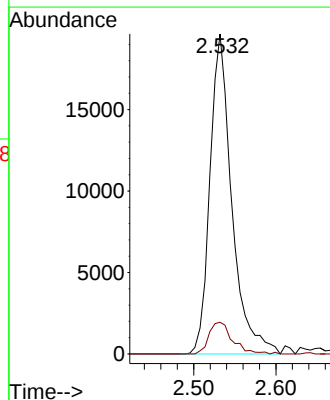
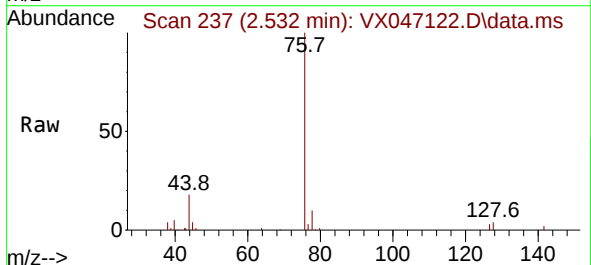
Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

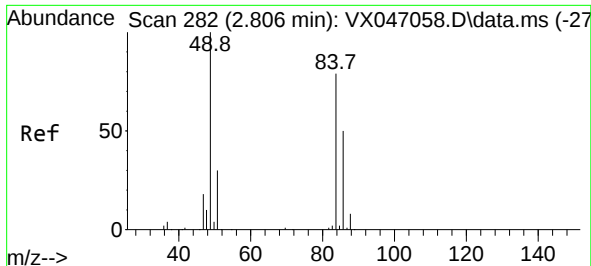
Tgt Ion:168 Resp: 503250
Ion Ratio Lower Upper
168 100
99 63.2 48.0 72.0



#17
Carbon Disulfide
Concen: 1.983 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 76 Resp: 36282
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

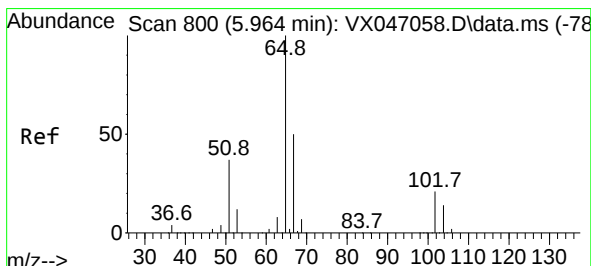
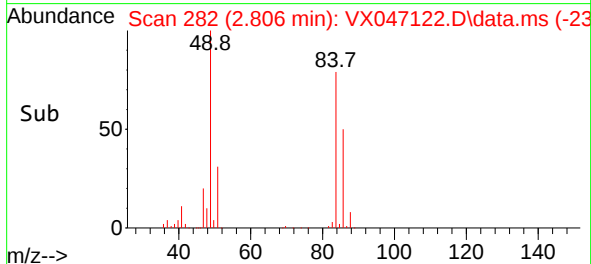
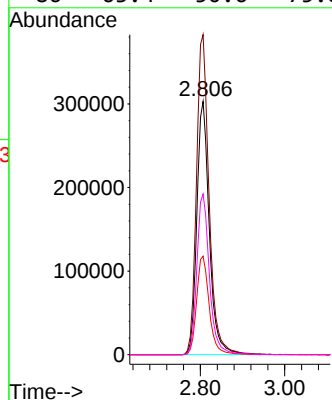
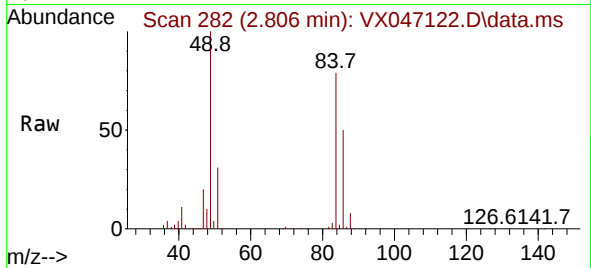




#20
Methylene Chloride
Concen: 90.398 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

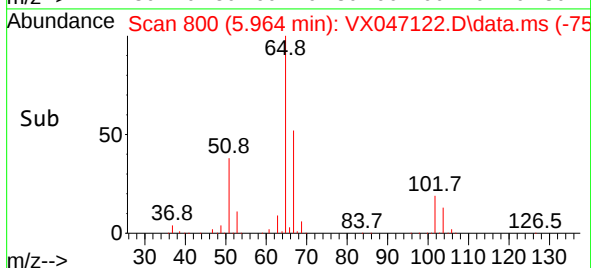
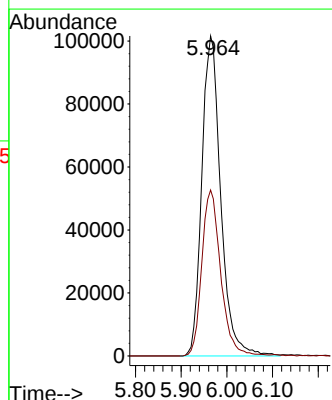
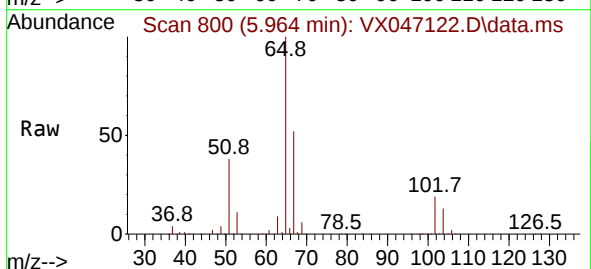
Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

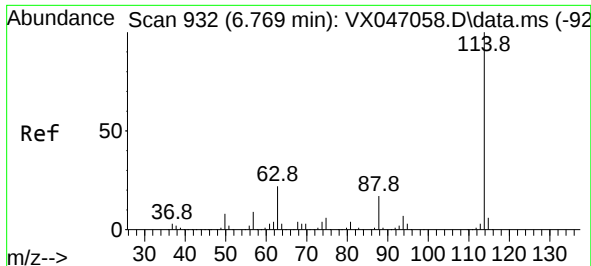
Tgt Ion: 84 Resp: 624555
Ion Ratio Lower Upper
84 100
49 126.3 101.6 152.4
51 38.9 30.3 45.5
86 63.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.586 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 65 Resp: 292044
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

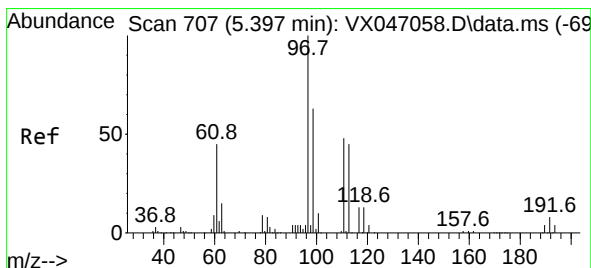
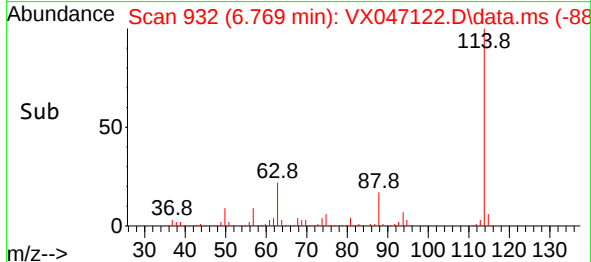
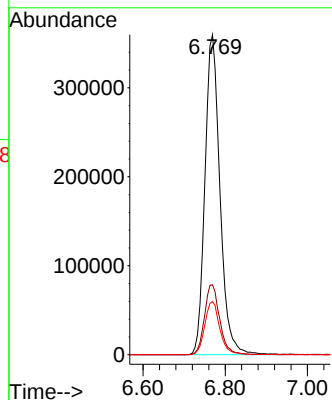
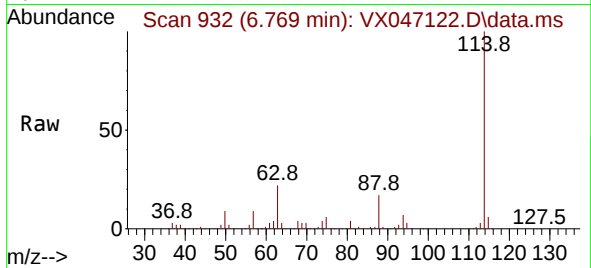




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 912
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

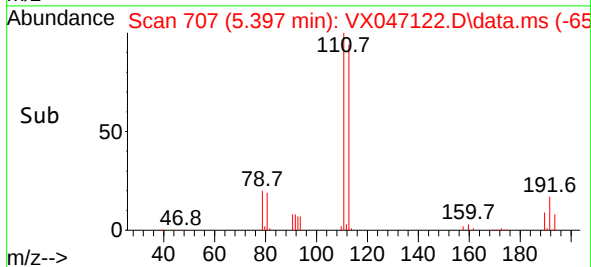
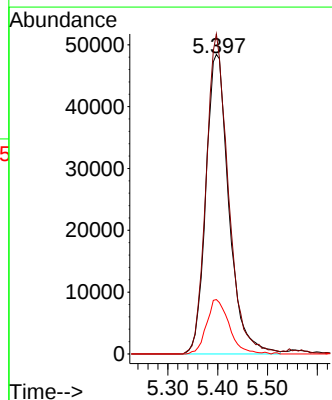
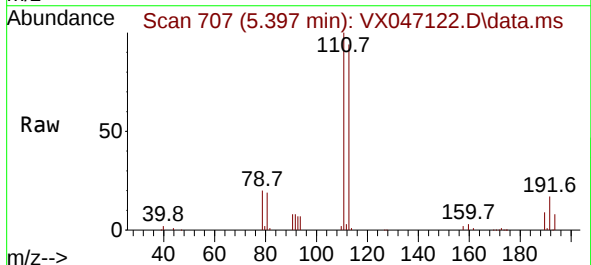
Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

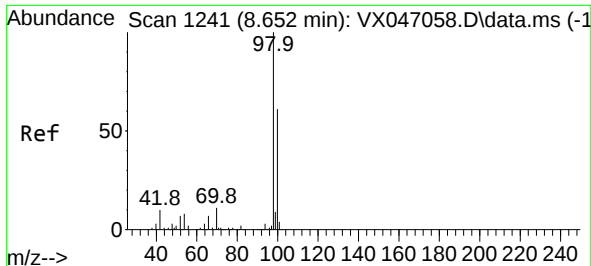
Tgt Ion:114 Resp: 912608
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 27.606 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion:113 Resp: 155554
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.9 14.9 22.3

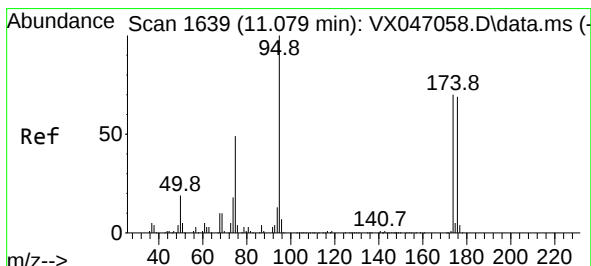
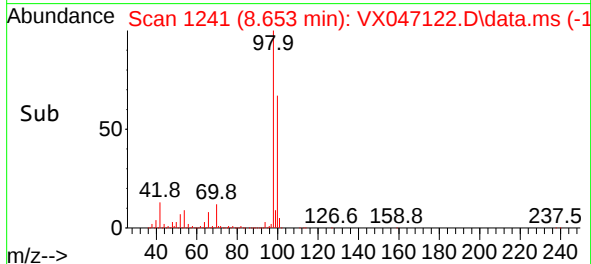
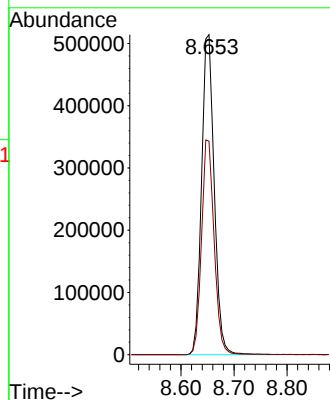
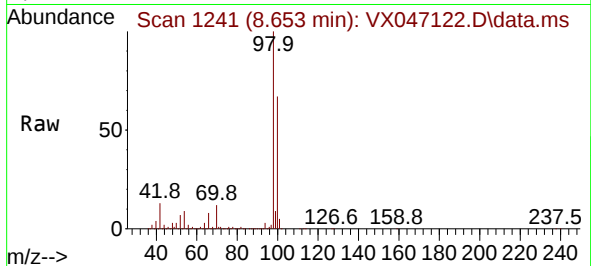




#50
Toluene-d8
Concen: 46.585 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

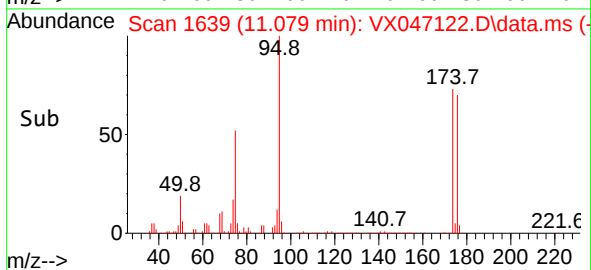
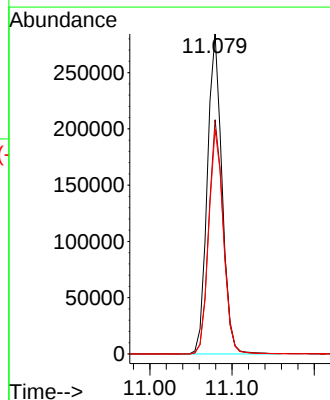
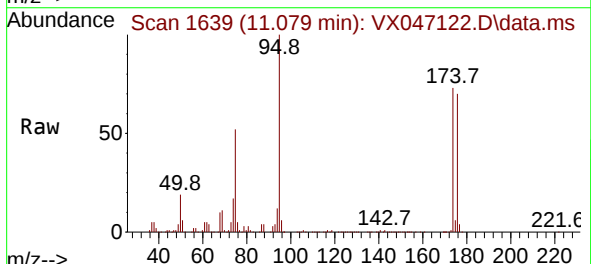
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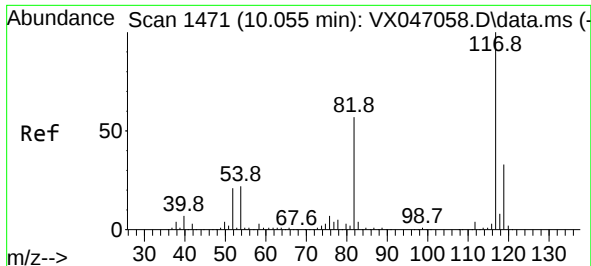
Tgt Ion: 98 Resp: 850076
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 95 Resp: 351914
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.2 0.0 139.6

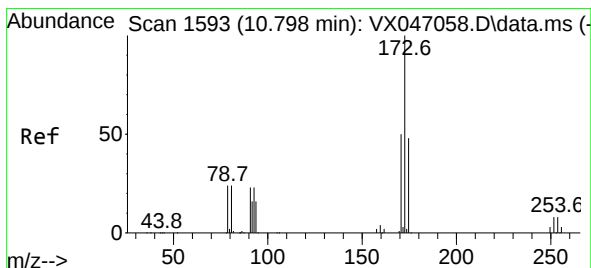
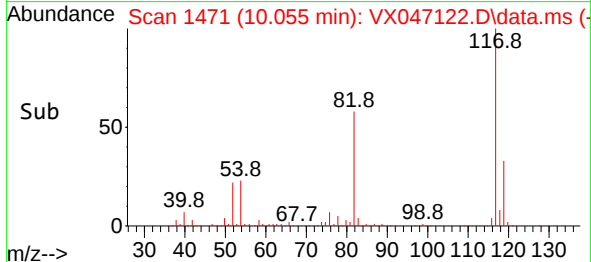
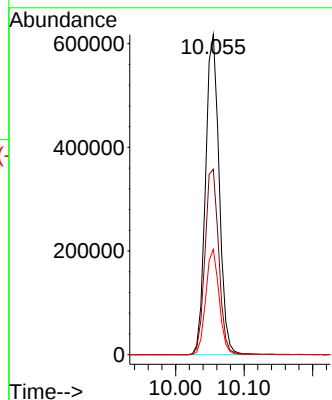
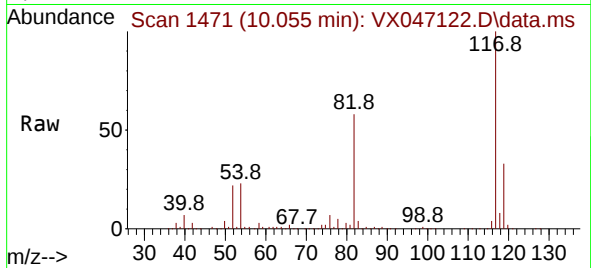




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

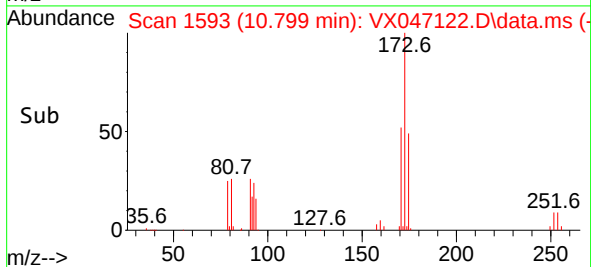
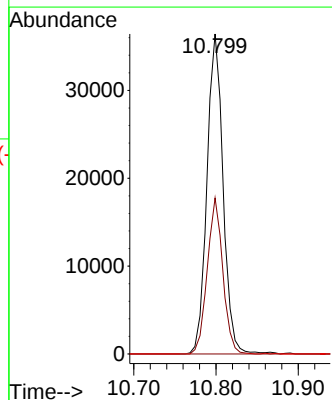
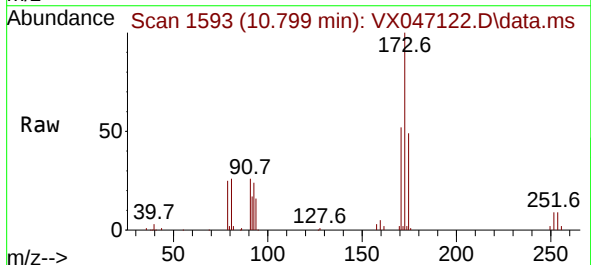
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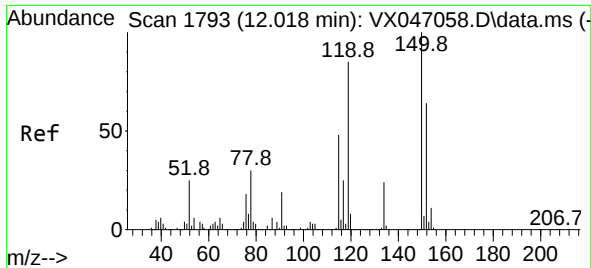
Tgt Ion:117 Resp: 857469
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 33.0 26.1 39.1



#71
Bromoform
Concen: 9.658 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion:173 Resp: 49616
Ion Ratio Lower Upper
173 100
175 47.0 24.2 72.6
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047122.D

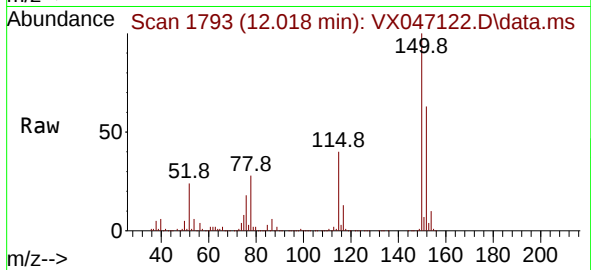
Acq: 24 Jul 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

CC0627-BL



Tgt Ion:152 Resp: 440518

Ion Ratio Lower Upper

152 100

115 61.8 45.6 136.7

150 156.8 0.0 354.6

