

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048026.D
 Acq On : 06 Oct 2025 15:51
 Operator : JC/MD
 Sample : Q3202-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

Quant Time: Oct 07 02:16:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

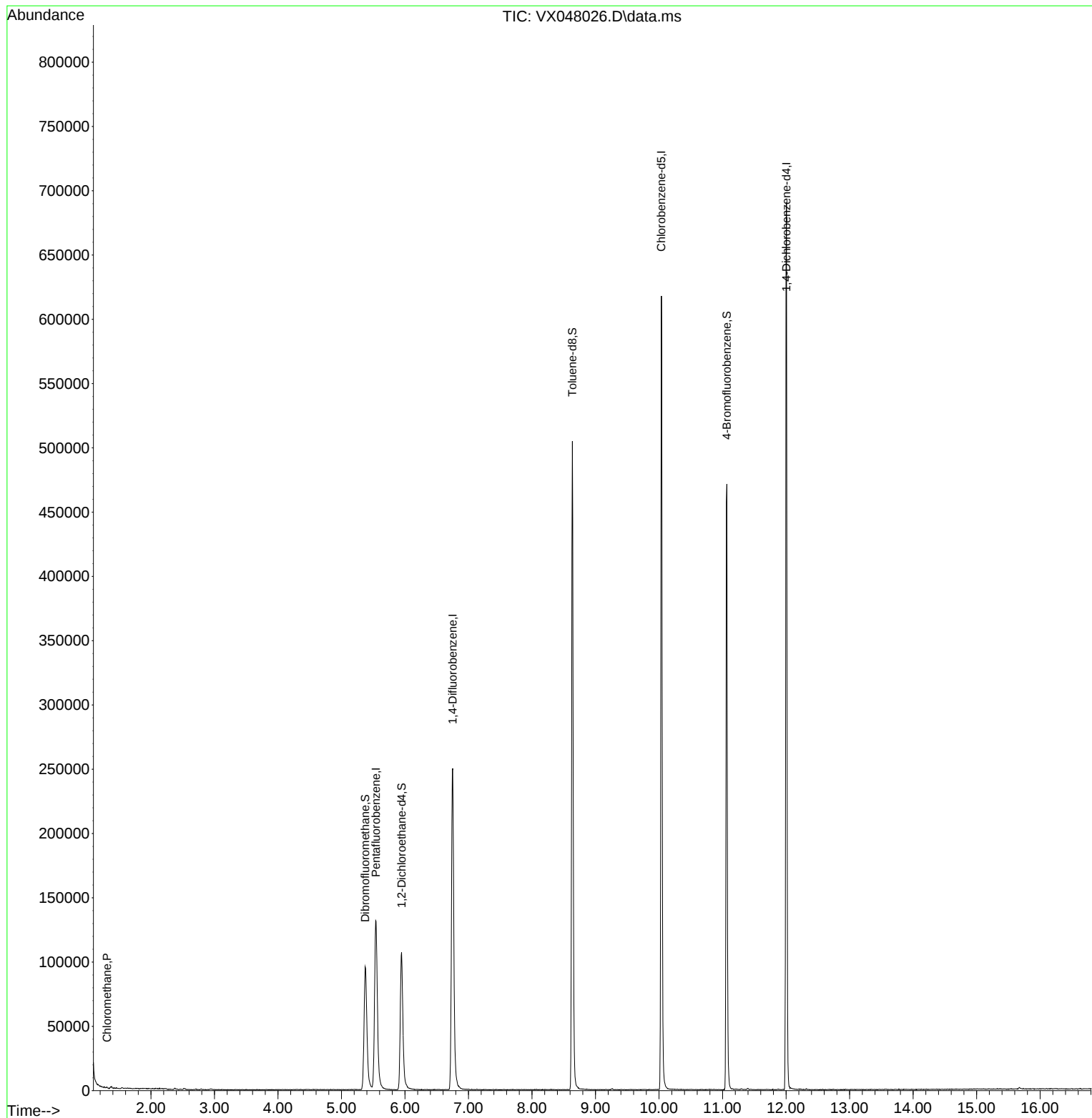
Internal Standards						
1) Pentafluorobenzene	5.544	168	132008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	274950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	286333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114478	54.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.960%	
35) Dibromofluoromethane	5.373	113	92366	50.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	8.634	98	316591	49.619	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	11.067	95	137249	56.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	737	0.410	ug/l #	69

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

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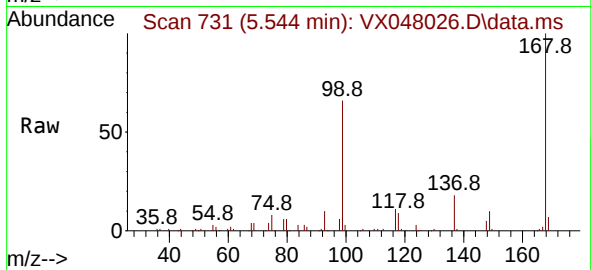
Quant Time: Oct 07 02:16:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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QLast Update : Wed Sep 17 06:39:58 2025
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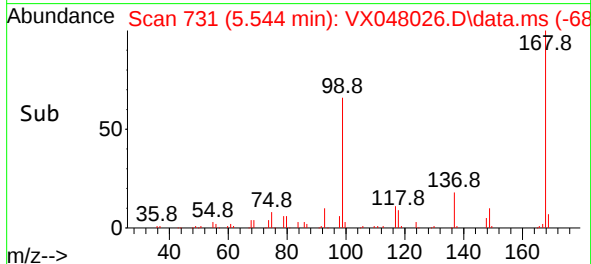
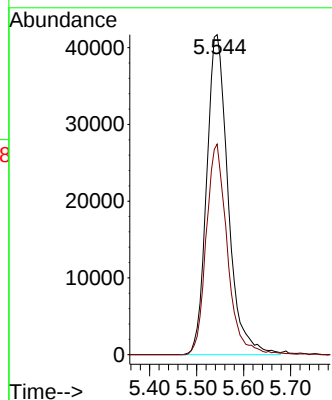


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048026.D
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Instrument :
MSVOA_X
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SY-2D

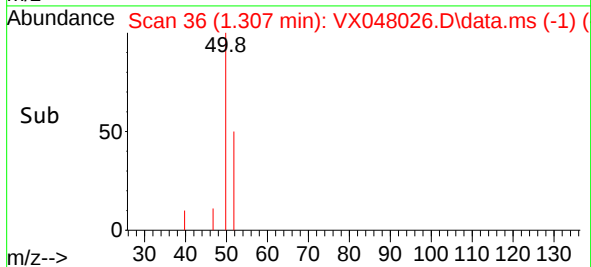
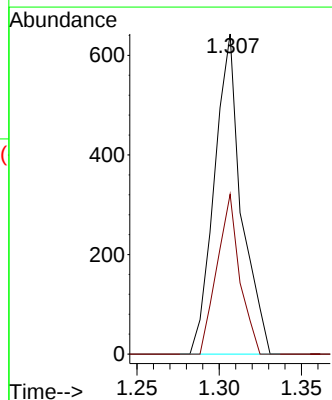
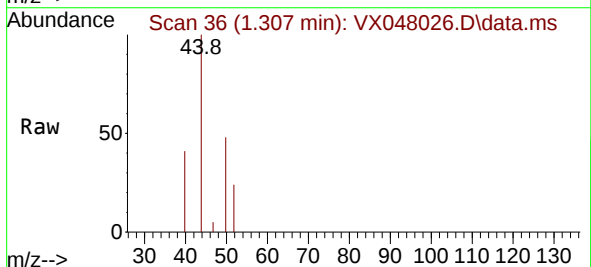


Tgt Ion:168 Resp: 132008
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#3
Chloromethane
Concen: 0.410 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

Tgt Ion: 50 Resp: 737
Ion Ratio Lower Upper
50 100
52 49.9 26.1 39.1#





#33

1,2-Dichloroethane-d4

Concen: 54.481 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

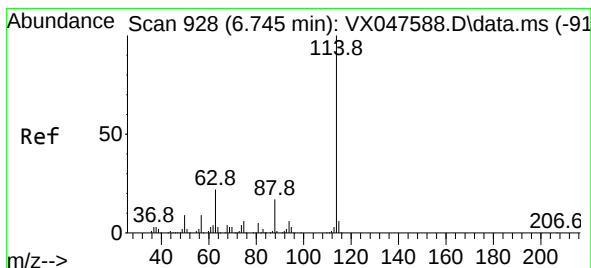
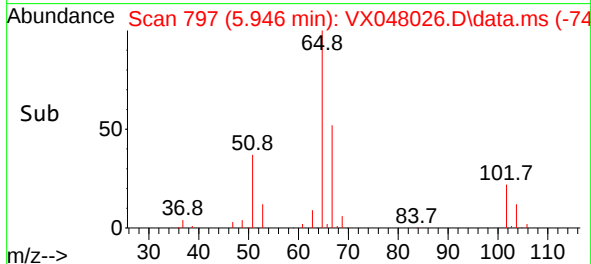
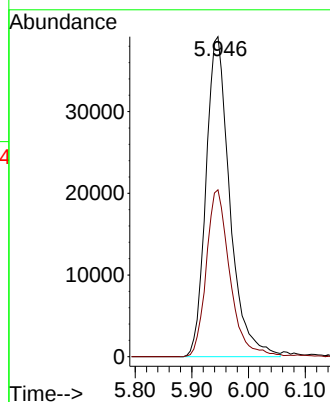
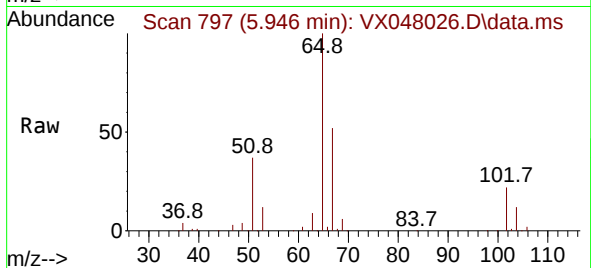
SY-2D

Tgt Ion: 65 Resp: 114478

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

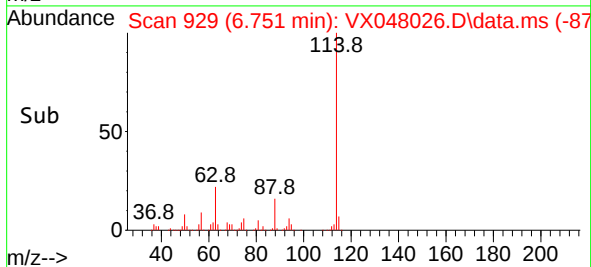
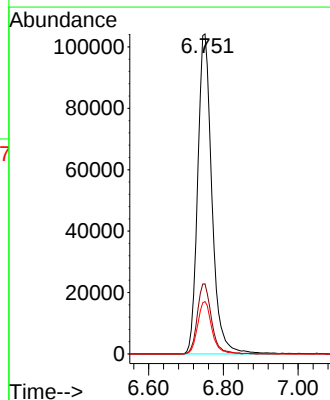
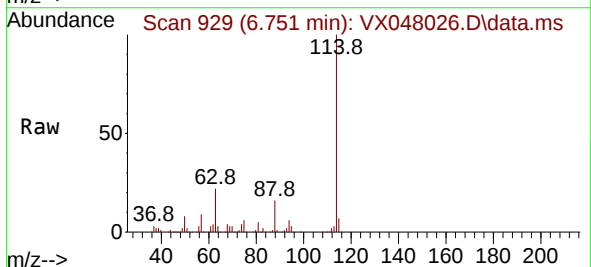
Tgt Ion: 114 Resp: 274950

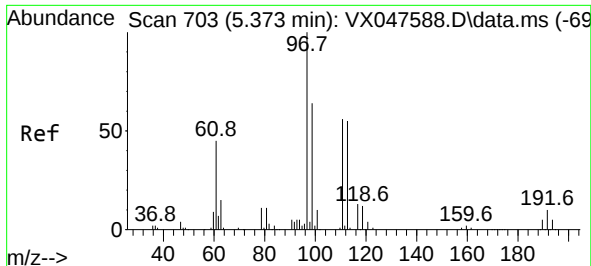
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.4 0.0 34.2

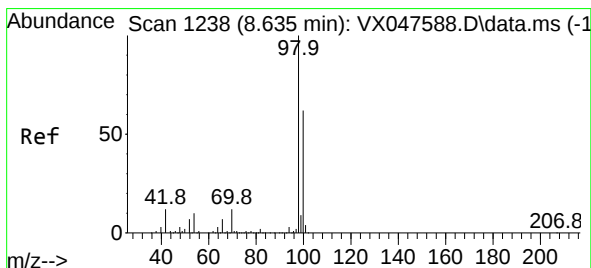
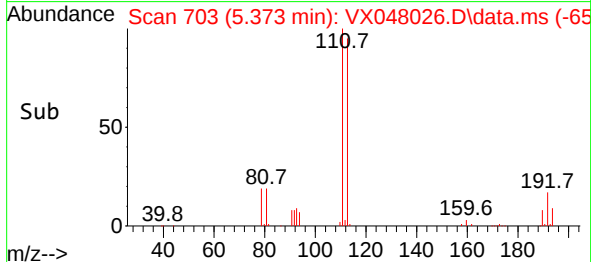
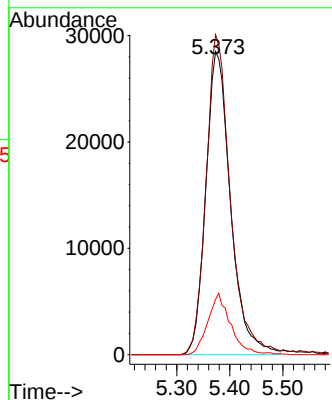
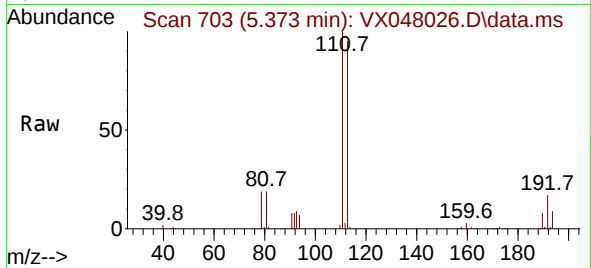




#35
 Dibromofluoromethane
 Concen: 50.091 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048026.D
 Acq: 06 Oct 2025 15:51

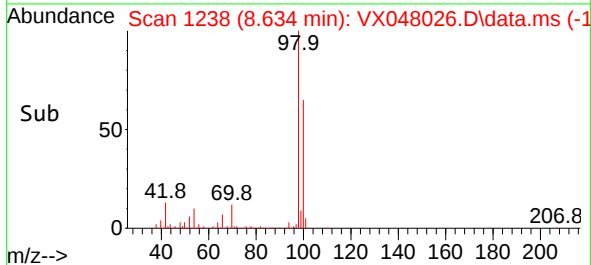
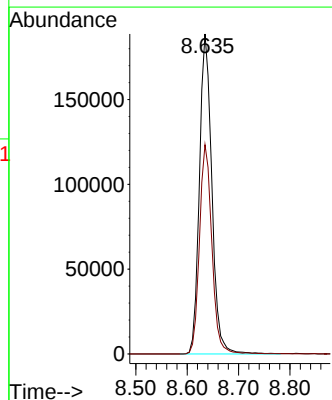
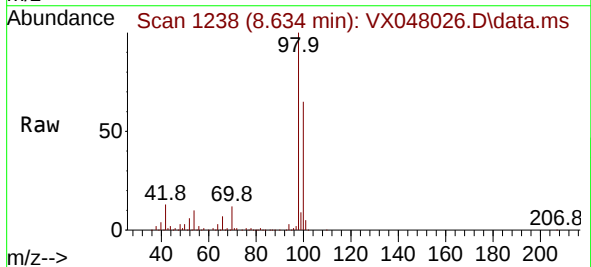
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

Tgt Ion:113 Resp: 92366
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.9 121.3
 192 18.7 14.2 21.4



#50
 Toluene-d8
 Concen: 49.619 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048026.D
 Acq: 06 Oct 2025 15:51

Tgt Ion: 98 Resp: 316591
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.0 79.4

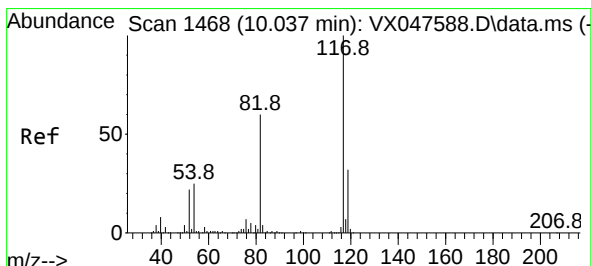
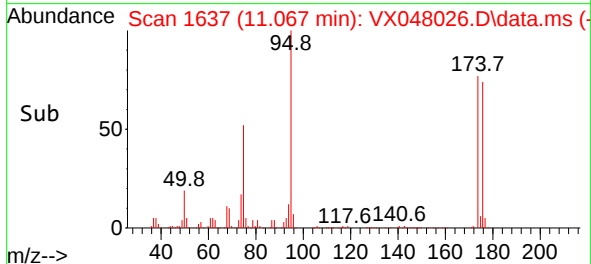
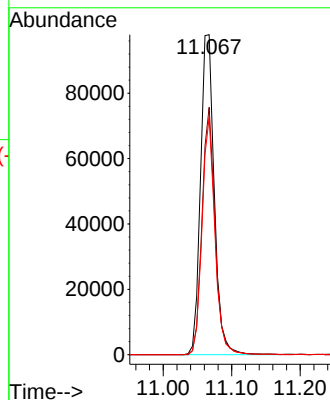
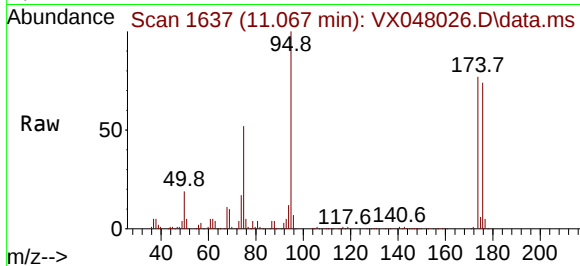




#62
4-Bromofluorobenzene
Concen: 56.679 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

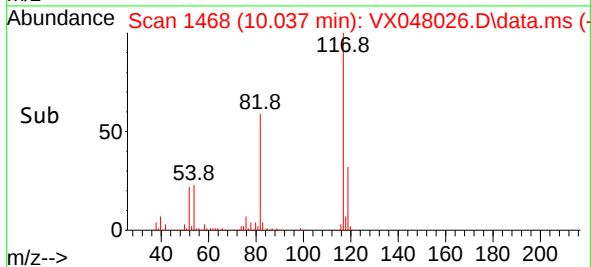
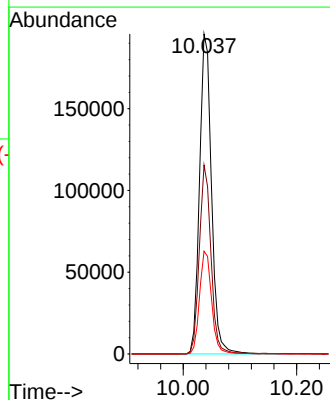
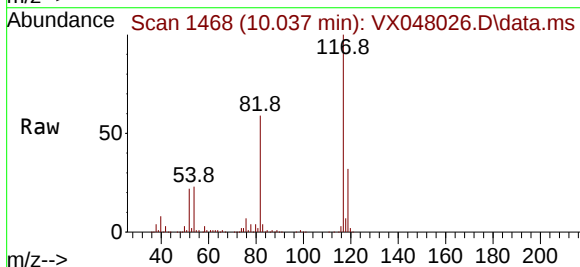
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

Tgt Ion: 95 Resp: 137249
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

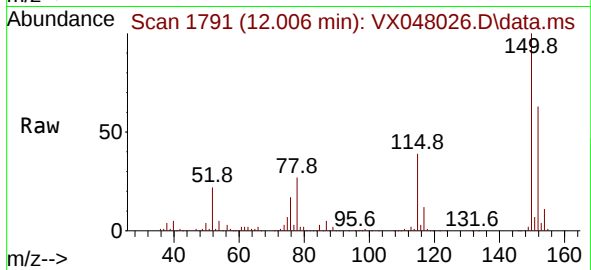
Tgt Ion: 117 Resp: 286333
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 32.1 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048026.D
 Acq: 06 Oct 2025 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D



Tgt Ion:152 Resp: 145340
 Ion Ratio Lower Upper
 152 100
 115 63.7 44.9 134.5
 150 158.6 0.0 352.0

