

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046579.D
 Acq On : 09 Jun 2025 15:06
 Operator : JC/MD
 Sample : Q2262-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0032

Quant Time: Jun 10 01:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

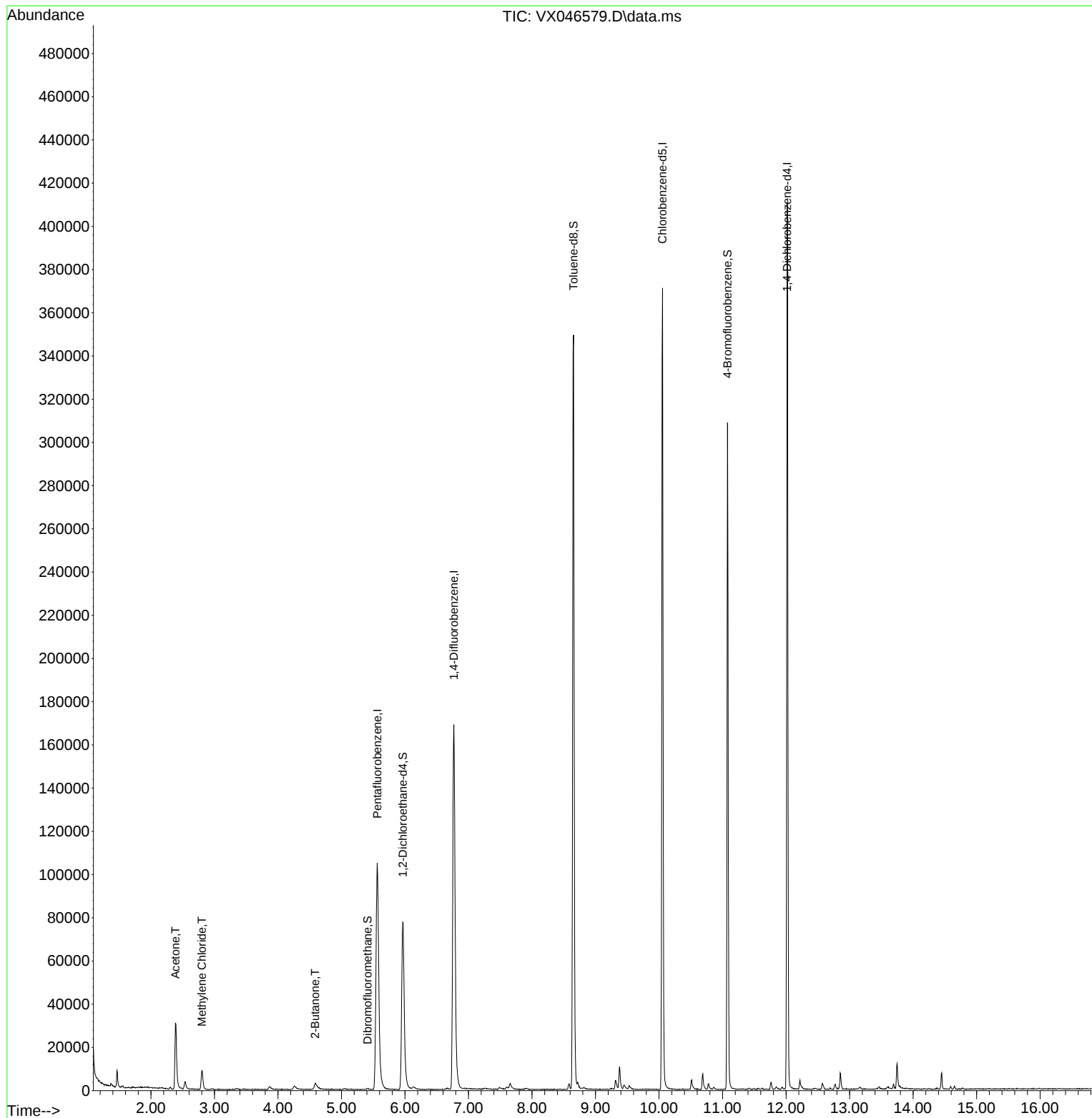
Internal Standards						
1) Pentafluorobenzene	5.562	168	98714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83485	47.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	5.410	113	383	0.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.580%#		
50) Toluene-d8	8.653	98	210199	48.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	81218	45.721	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.440%		
Target Compounds						
16) Acetone	2.386	43	39230	60.433	ug/l	95
20) Methylene Chloride	2.800	84	4252	3.018	ug/l	86
25) 2-Butanone	4.587	43	6666	6.818	ug/l #	85

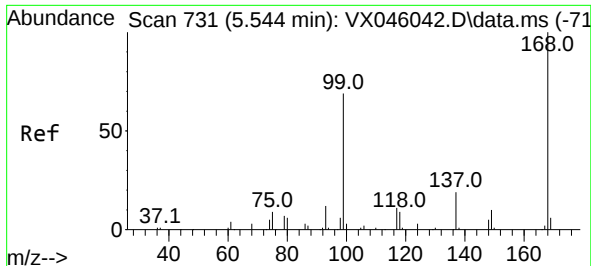
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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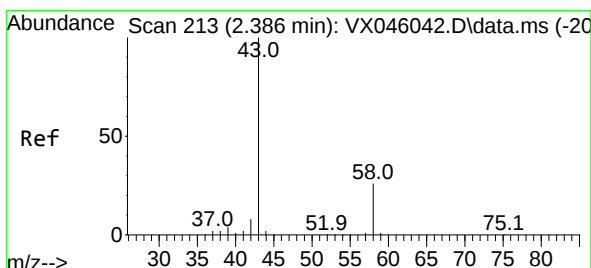
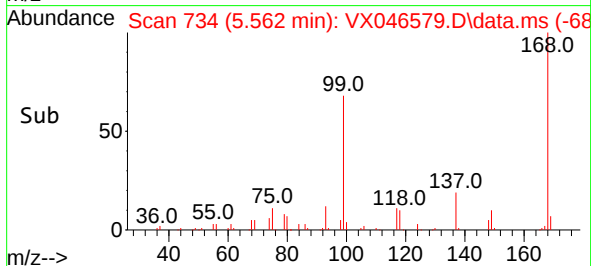
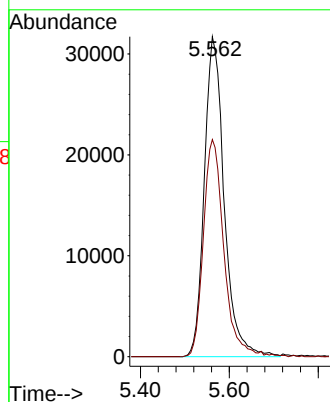
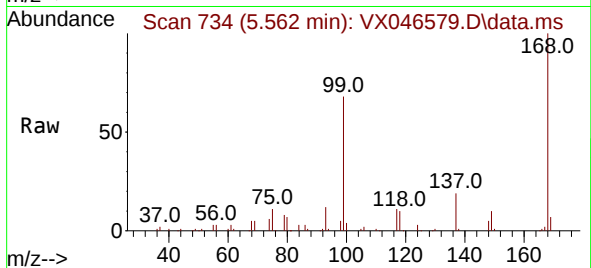




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

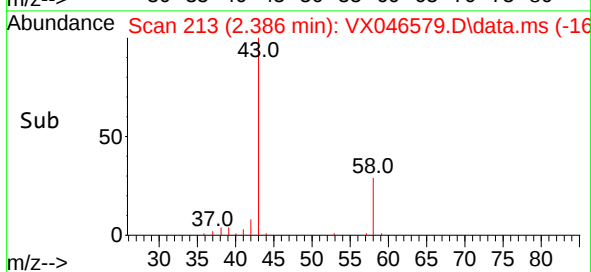
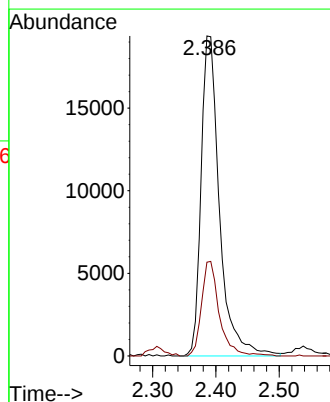
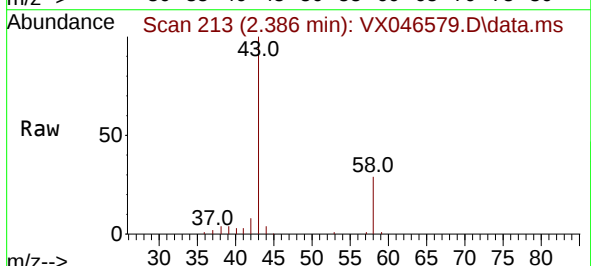
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

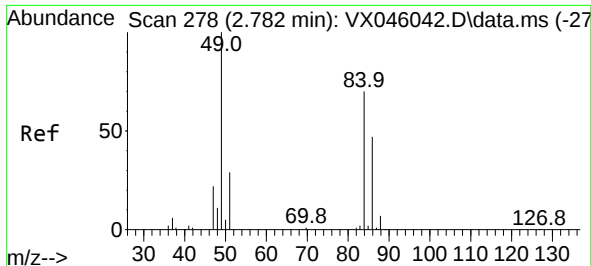
Tgt Ion:168 Resp: 98714
Ion Ratio Lower Upper
168 100
99 67.9 54.9 82.3



#16
Acetone
Concen: 60.433 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 43 Resp: 39230
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8

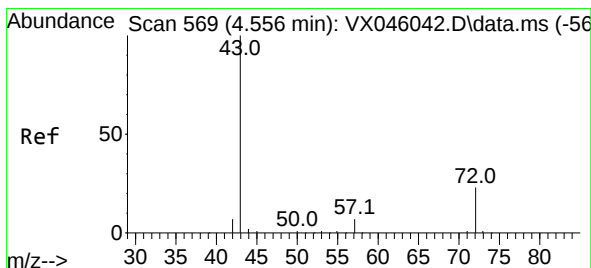
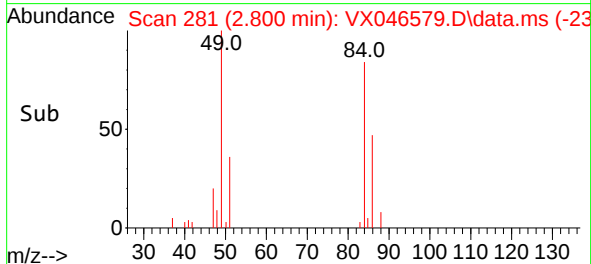
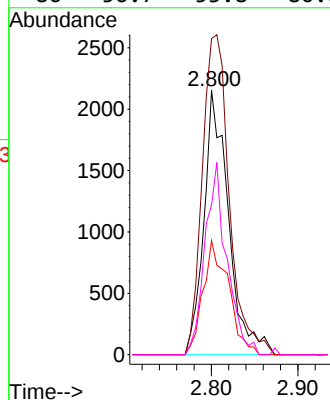
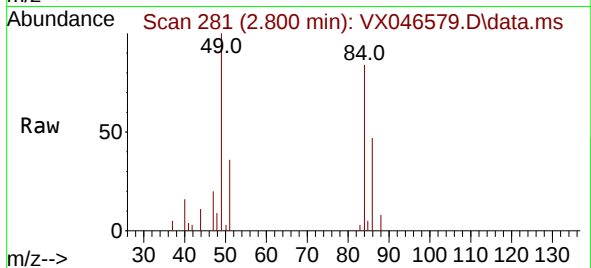




#20
Methylene Chloride
Concen: 3.018 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

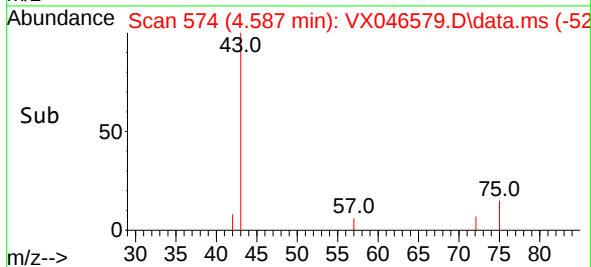
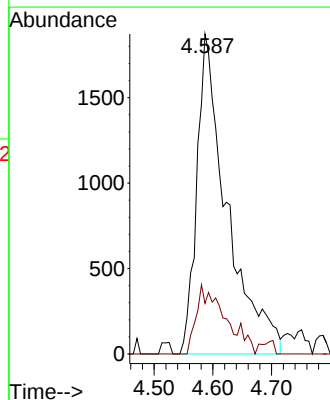
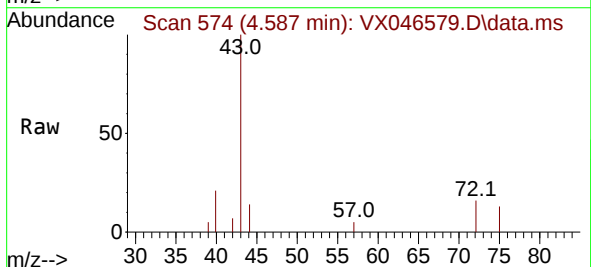
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

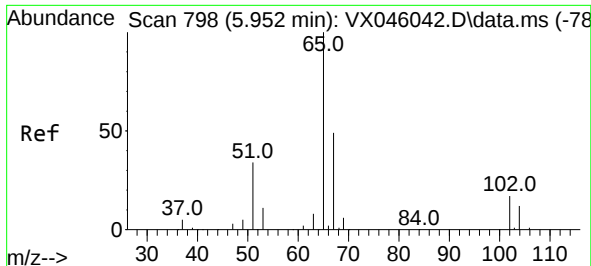
Tgt Ion:	84	Resp:	4252
Ion	Ratio	Lower	Upper
84	100		
49	119.6	113.9	170.9
51	43.2	33.5	50.3
86	56.7	53.8	80.8



#25
2-Butanone
Concen: 6.818 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.013 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion:	43	Resp:	6666
Ion	Ratio	Lower	Upper
43	100		
72	15.8	18.4	27.6#

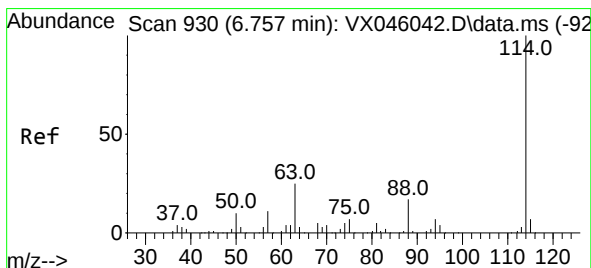
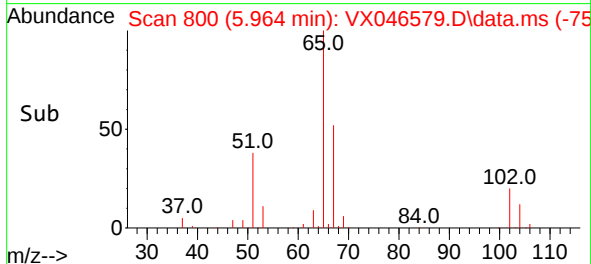
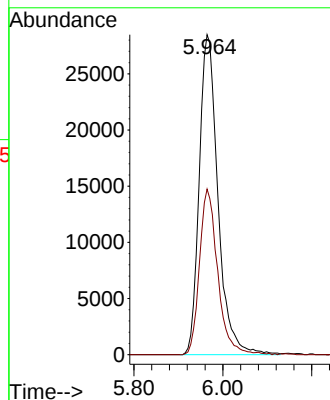
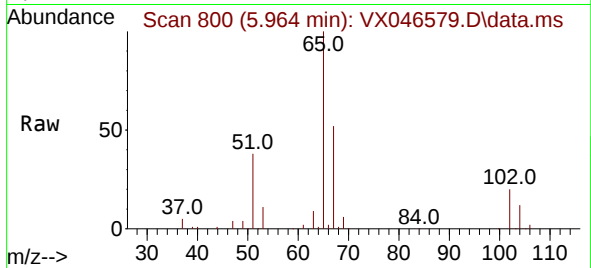




#33
 1,2-Dichloroethane-d4
 Concen: 47.537 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

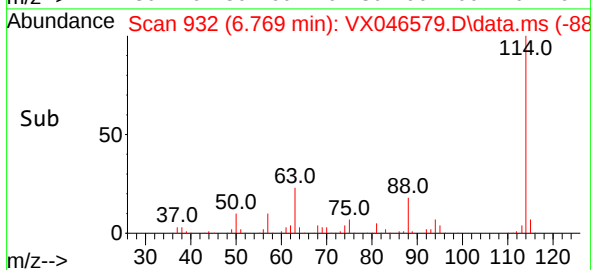
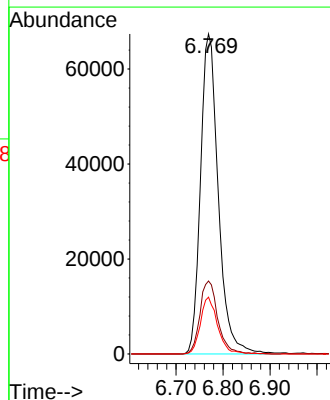
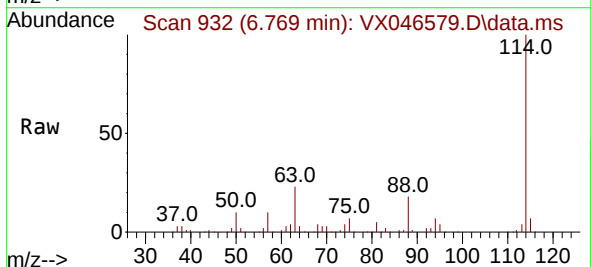
Instrument :
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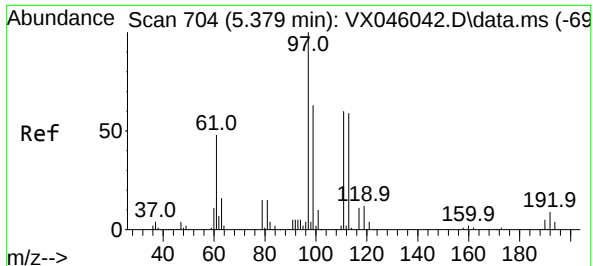
Tgt Ion: 65 Resp: 83485
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

Tgt Ion: 114 Resp: 177085
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 49.2
 88 17.8 0.0 33.6

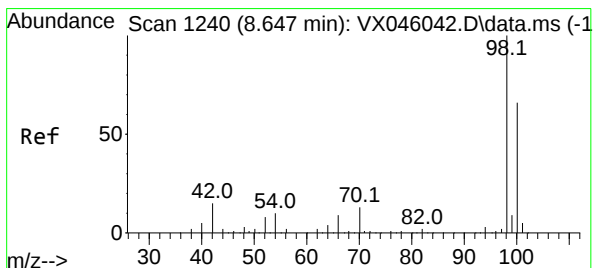
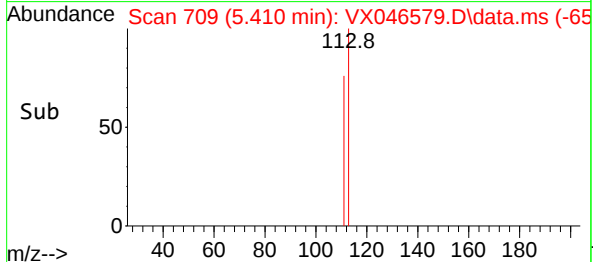
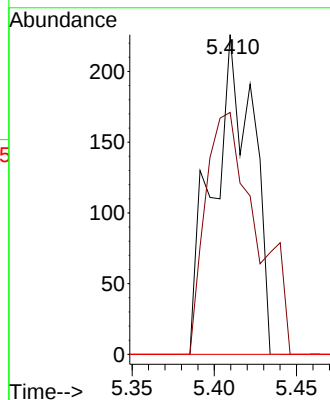
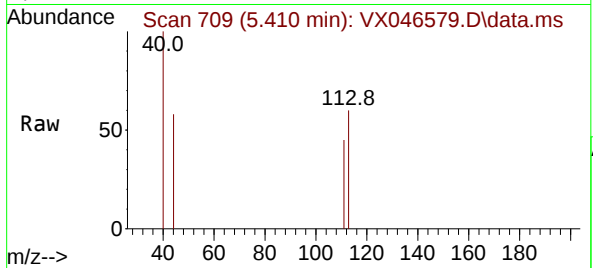




#35
Dibromofluoromethane
Concen: 0.294 ug/l
RT: 5.410 min Scan# 704
Delta R.T. 0.007 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

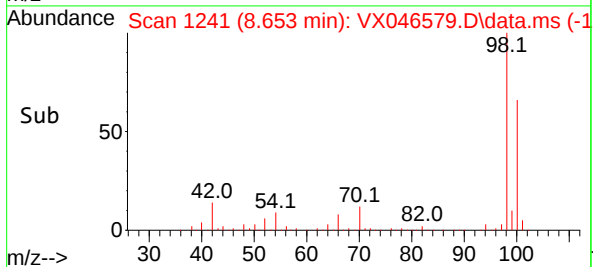
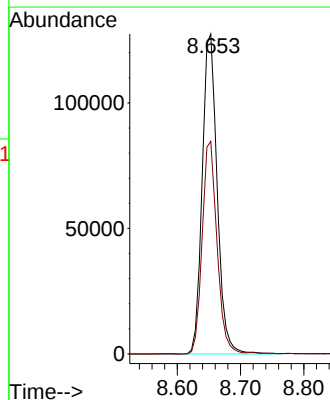
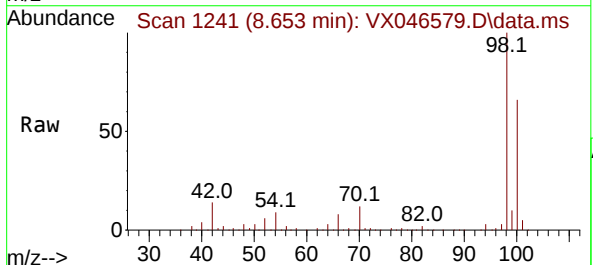
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

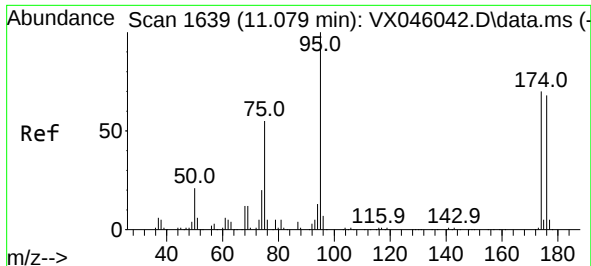
Tgt Ion:113 Resp: 383
Ion Ratio Lower Upper
113 100
111 95.6 83.1 124.7
192 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 48.958 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 98 Resp: 210199
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

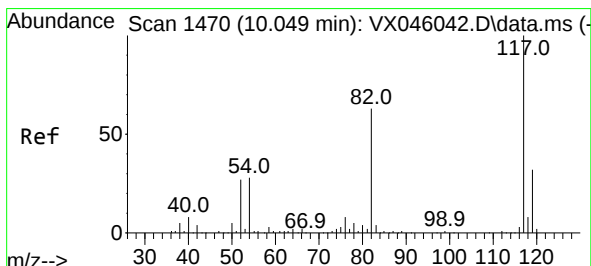
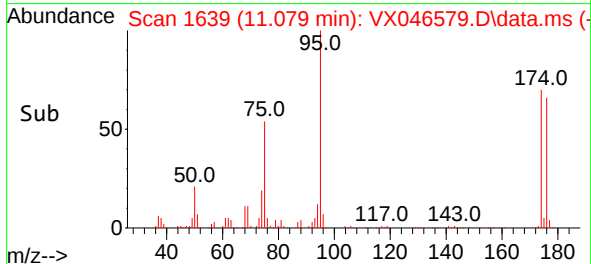
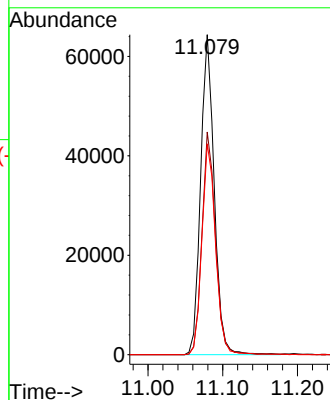
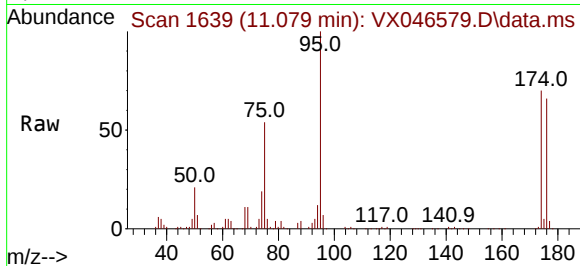




#62
4-Bromofluorobenzene
Concen: 45.721 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

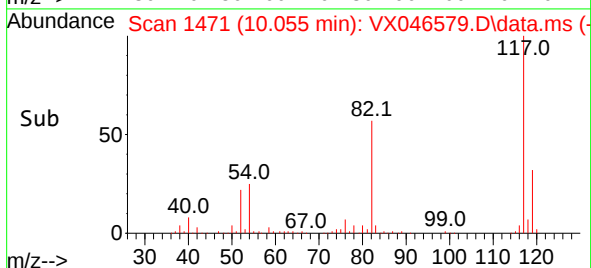
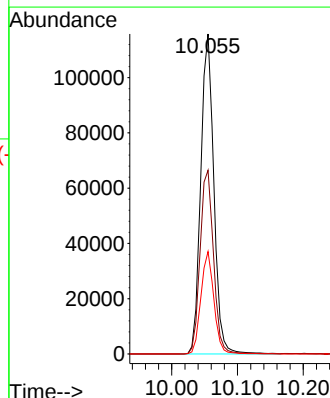
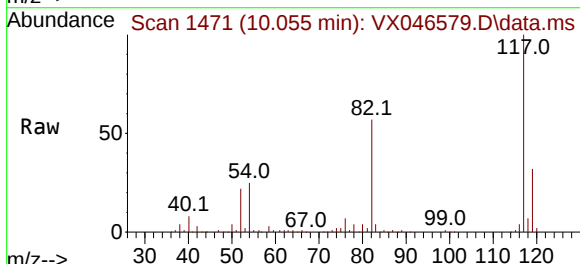
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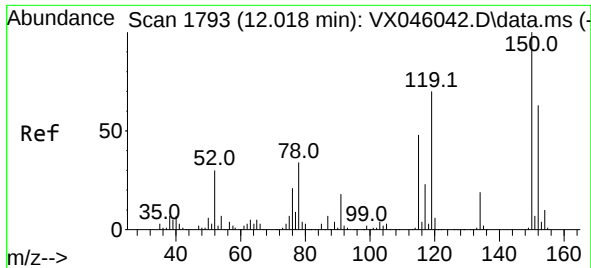
Tgt Ion: 95 Resp: 81218
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.8
176 66.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 117 Resp: 160043
Ion Ratio Lower Upper
117 100
82 57.4 50.6 76.0
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0032

Tgt Ion:152 Resp: 78718
 Ion Ratio Lower Upper
 152 100
 115 63.9 46.9 140.7
 150 157.6 0.0 351.0

