

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050725\
 Data File : VX046073.D
 Acq On : 07 May 2025 15:26
 Operator : JC/MD
 Sample : Q1980-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3832

Quant Time: May 08 01:48:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

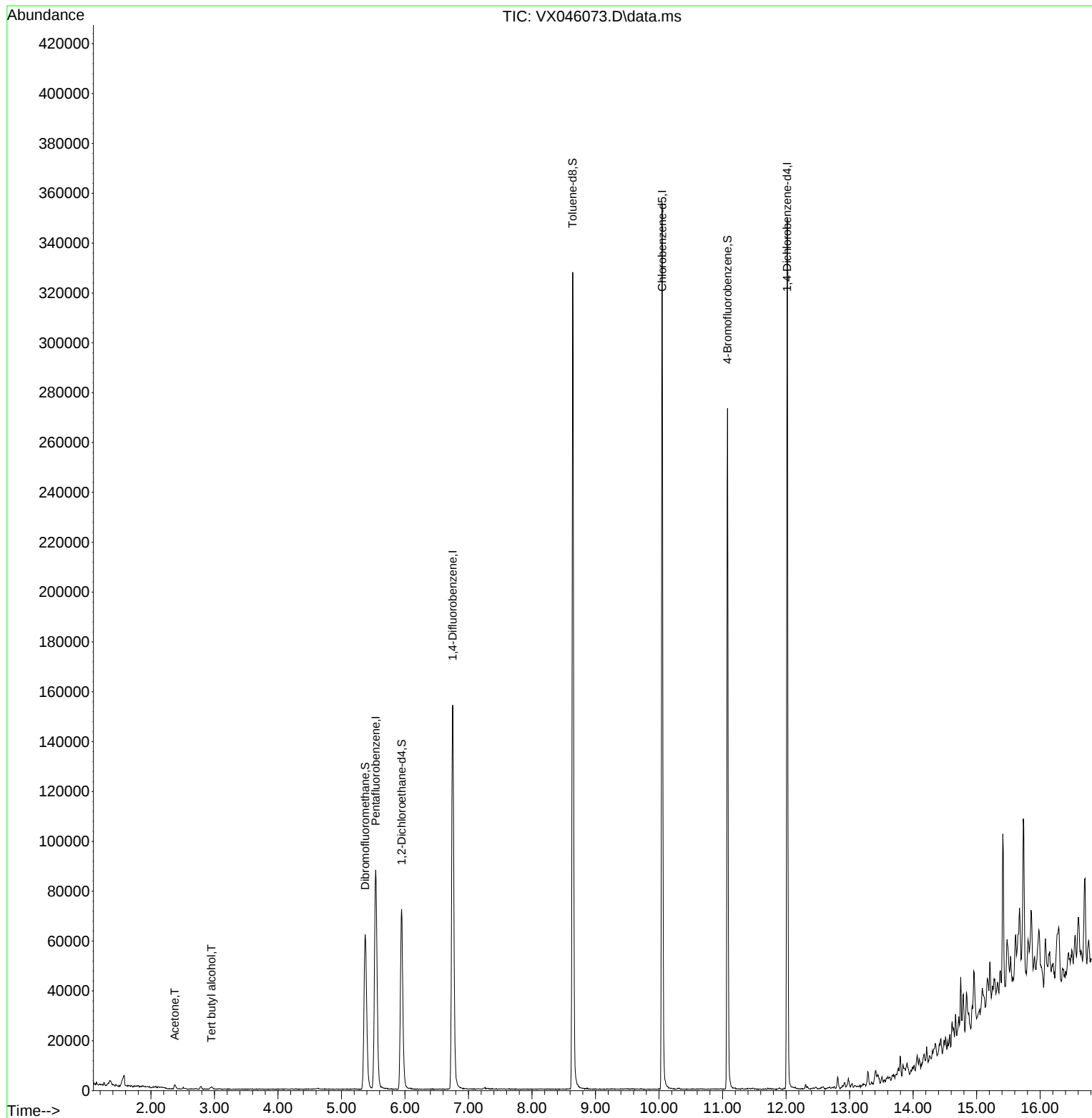
Internal Standards						
1) Pentafluorobenzene	5.538	168	74403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	149419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72973	52.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.220%
35) Dibromofluoromethane	5.373	113	54879	51.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.000%
50) Toluene-d8	8.641	98	183215	49.197	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	71105	49.776	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.560%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	1058	5.434	ug/l	# 90
16) Acetone	2.374	43	2308	4.150	ug/l	90

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

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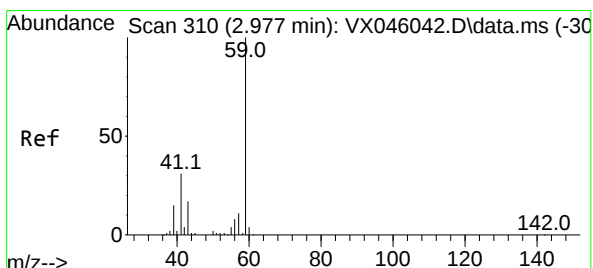
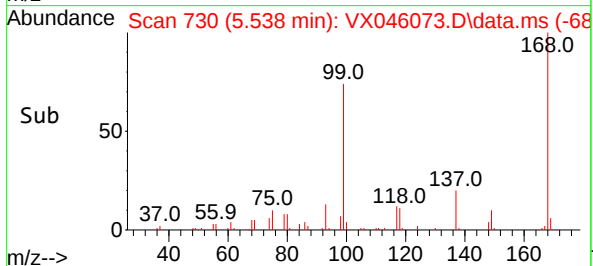
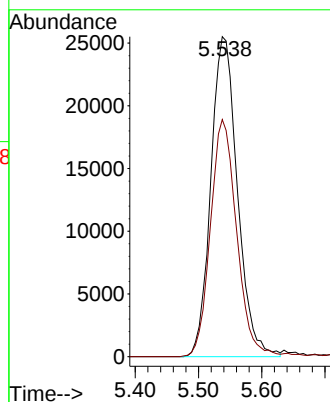
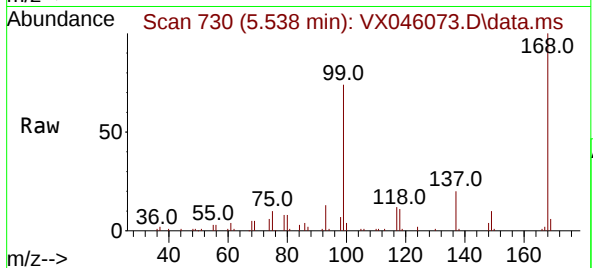




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

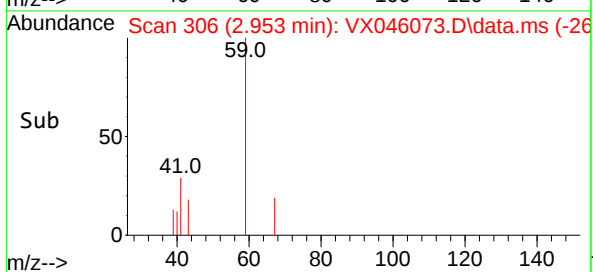
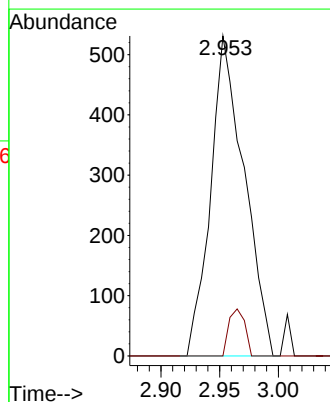
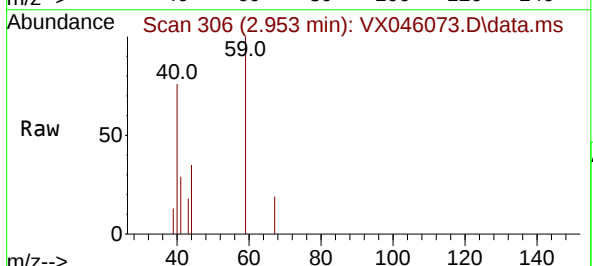
Instrument :
MSVOA_X
ClientSampleId :
3832

Tgt Ion:168 Resp: 74403
Ion Ratio Lower Upper
168 100
99 74.1 54.9 82.3



#11
Tert butyl alcohol
Concen: 5.434 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Tgt Ion: 59 Resp: 1058
Ion Ratio Lower Upper
59 100
57 6.9 8.6 12.8#

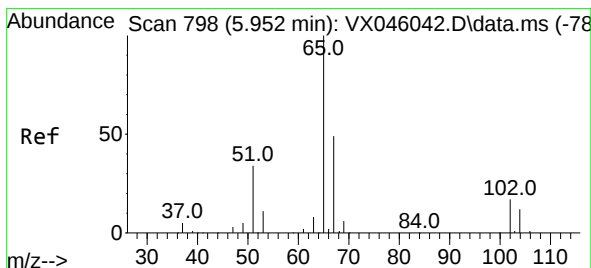
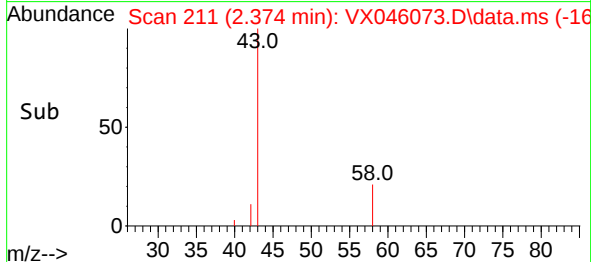
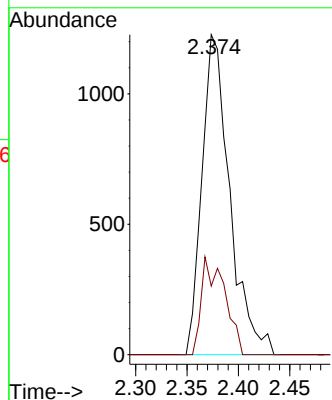
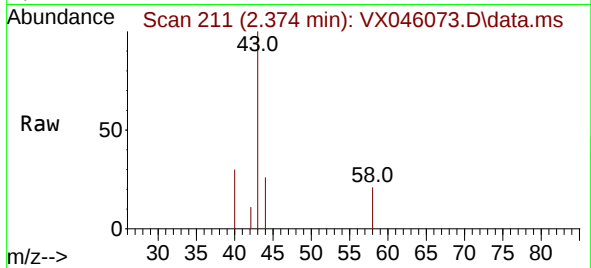




#16
Acetone
Concen: 4.150 ug/l
RT: 2.374 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

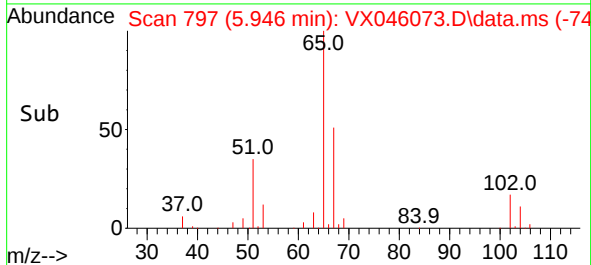
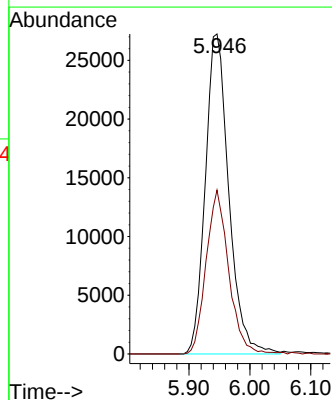
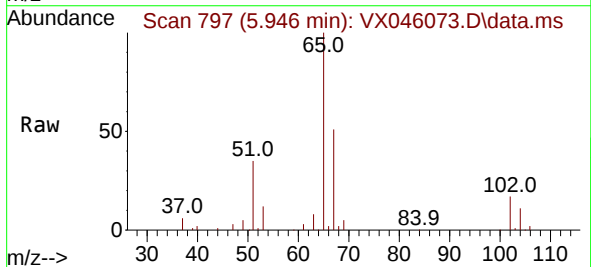
Instrument :
MSVOA_X
ClientSampleId :
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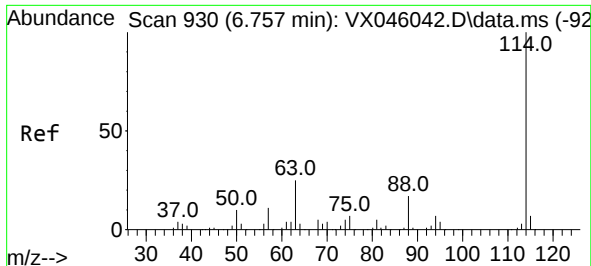
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 21.4 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 52.608 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Tgt Ion: 65 Resp: 72973
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

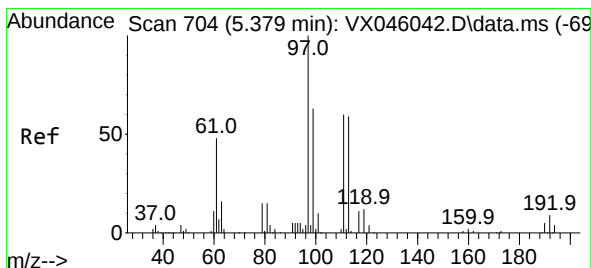
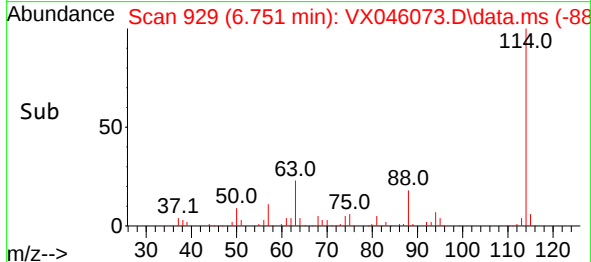
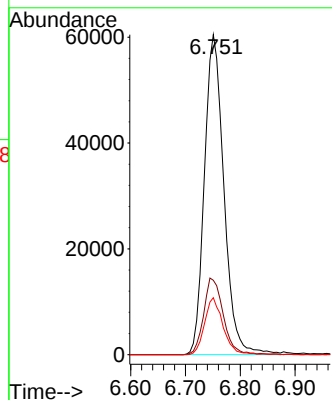
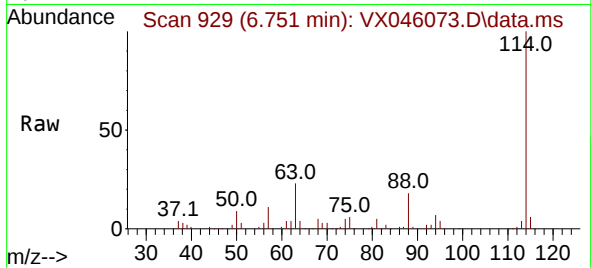




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

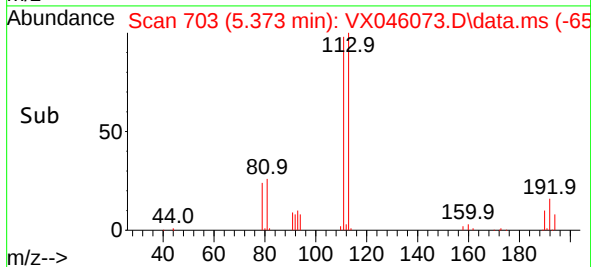
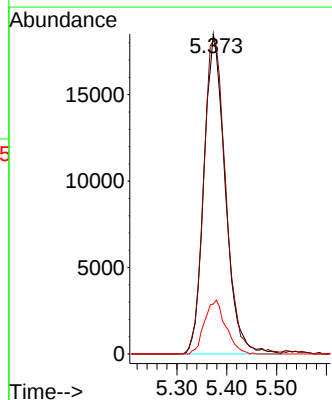
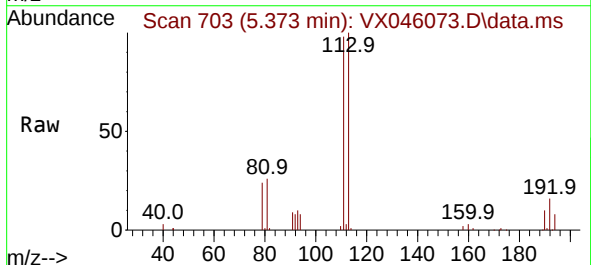
Instrument :
MSVOA_X
ClientSampleId :
3832

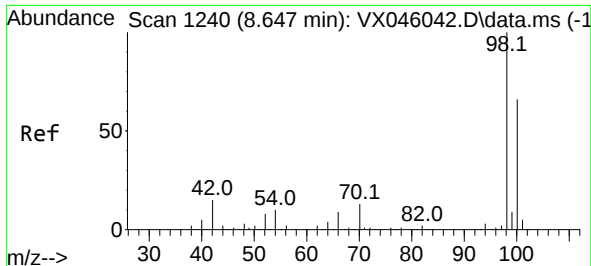
Tgt Ion:114 Resp: 149419
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Tgt Ion:113 Resp: 54879
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.8 13.3 19.9

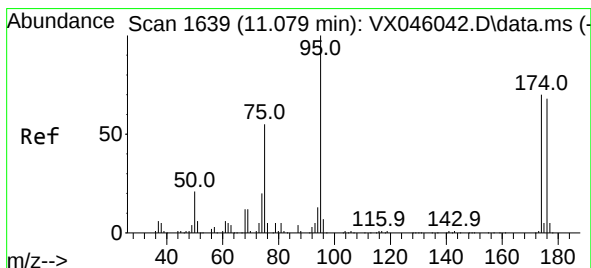
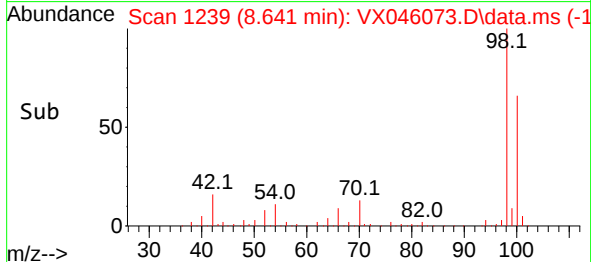
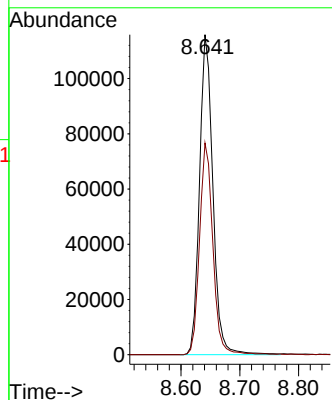
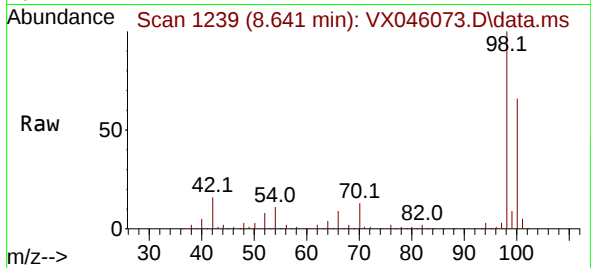




#50
Toluene-d8
Concen: 49.197 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

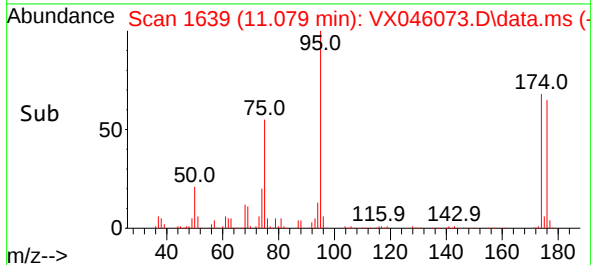
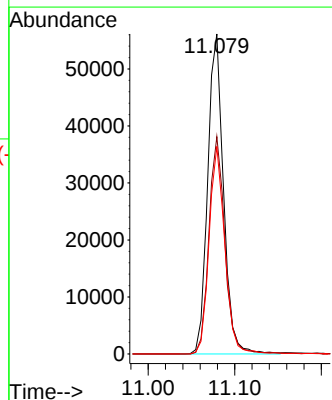
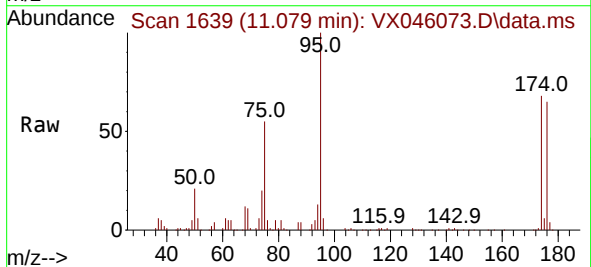
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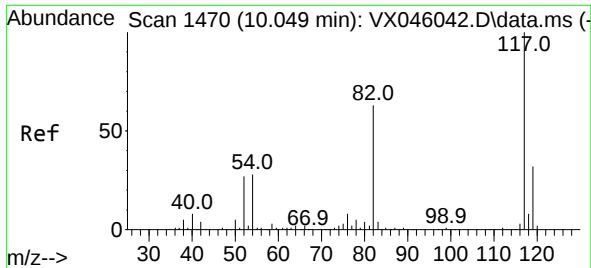
Tgt Ion: 98 Resp: 183215
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Tgt Ion: 95 Resp: 71105
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 64.6 0.0 131.4

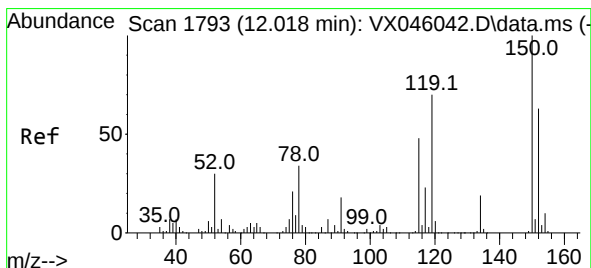
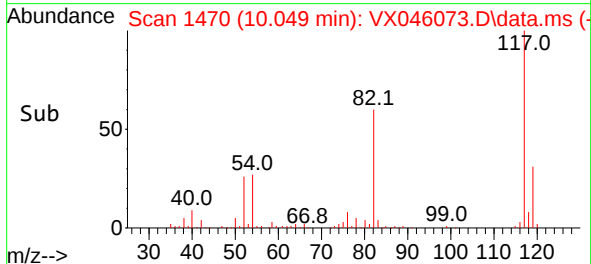
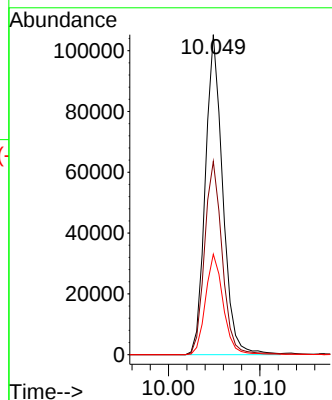
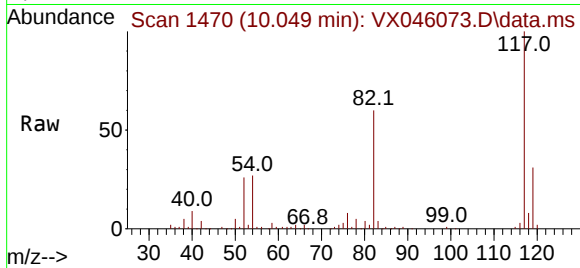




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
3832

Tgt Ion:117 Resp: 138805
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046073.D
Acq: 07 May 2025 15:26

Tgt Ion:152 Resp: 61932
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 160.5 0.0 351.0

