

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046974.D
 Acq On : 14 Jul 2025 15:23
 Operator : JC/MD
 Sample : Q2565-05
 Misc : 2.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0180

Quant Time: Jul 15 01:21:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

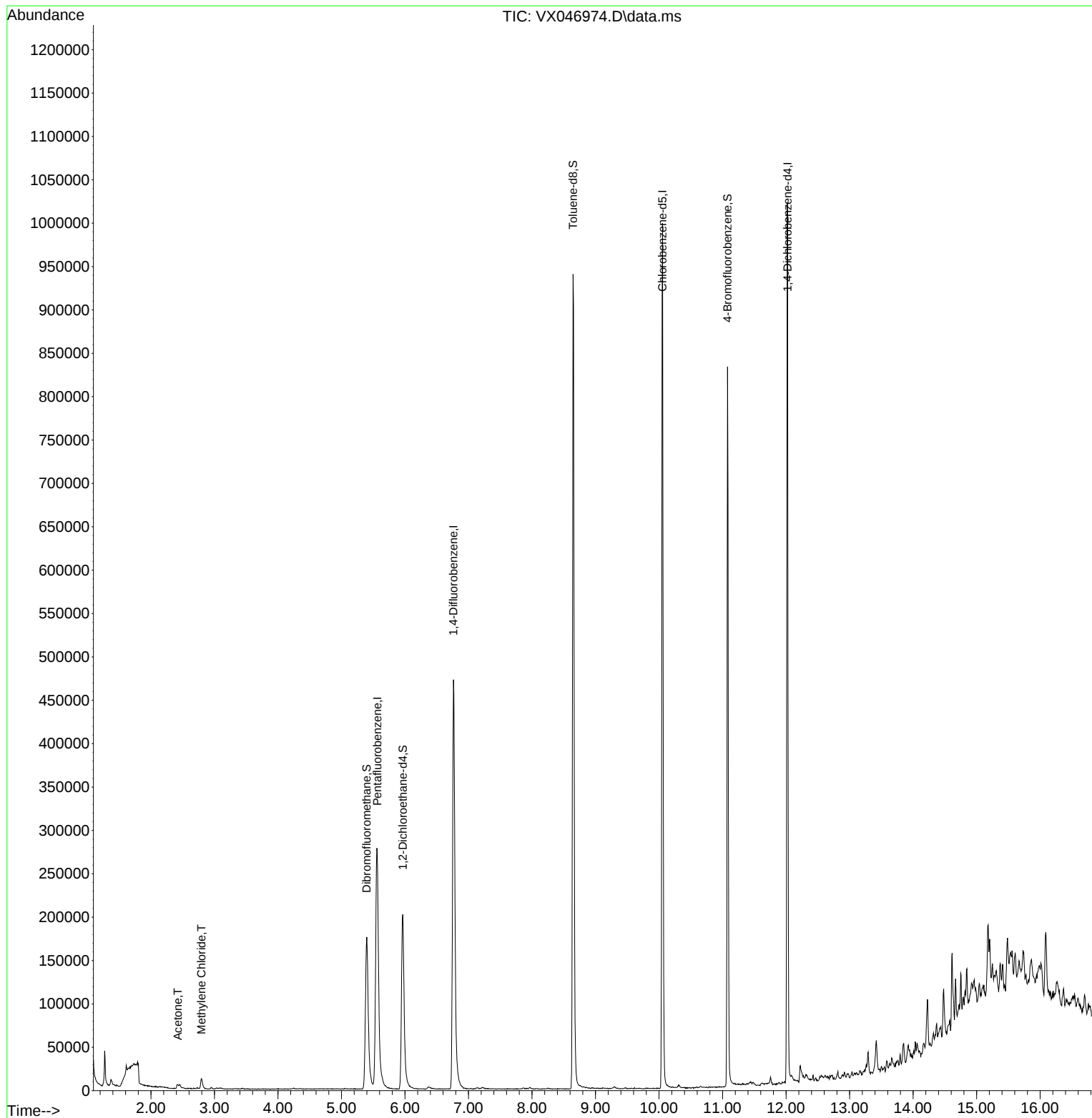
Internal Standards						
1) Pentafluorobenzene	5.562	168	299313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	529387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	218861	55.349	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.700%
35) Dibromofluoromethane	5.397	113	170792	47.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.647	98	591256	46.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.079	95	226077	46.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
						Qvalue
16) Acetone	2.422	43	6357	5.176	ug/l	# 83
20) Methylene Chloride	2.794	84	5946	1.637	ug/l	91

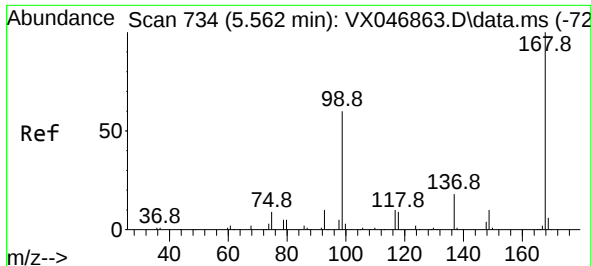
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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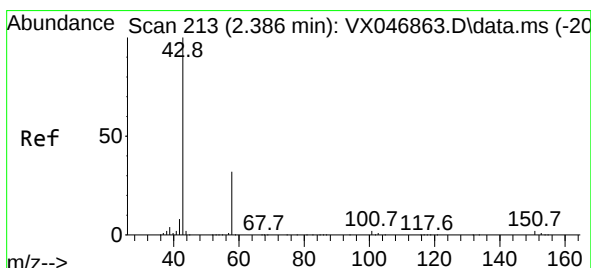
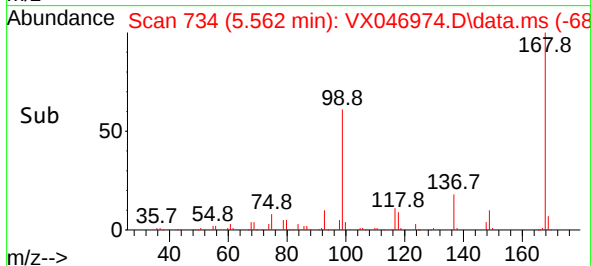
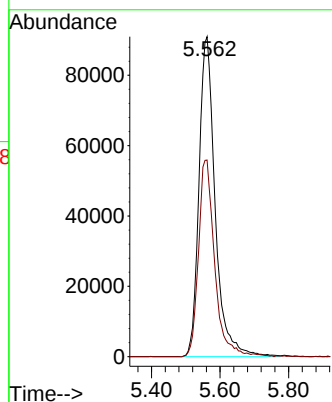
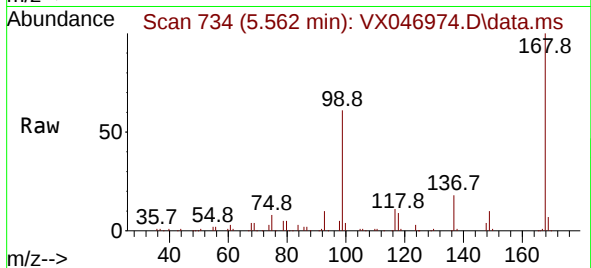




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

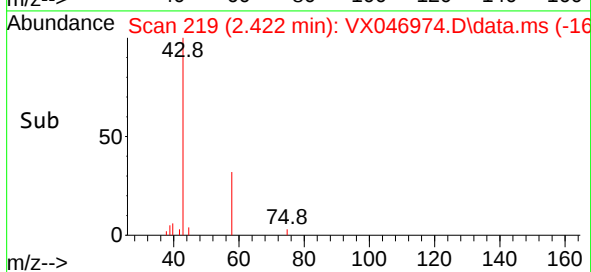
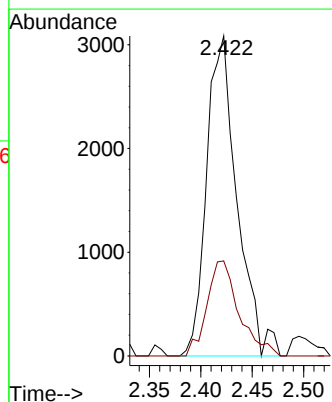
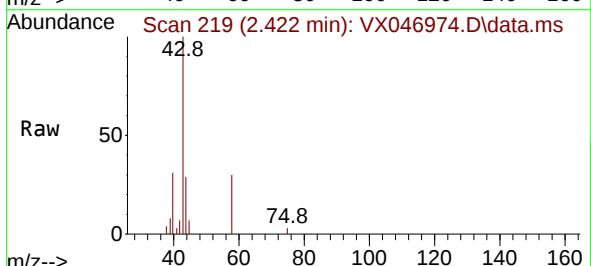
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0180

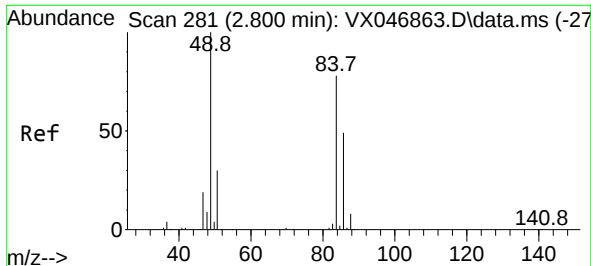
Tgt Ion:168 Resp: 299313
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#16
Acetone
Concen: 5.176 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.037 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

Tgt Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
58 23.0 25.8 38.6#

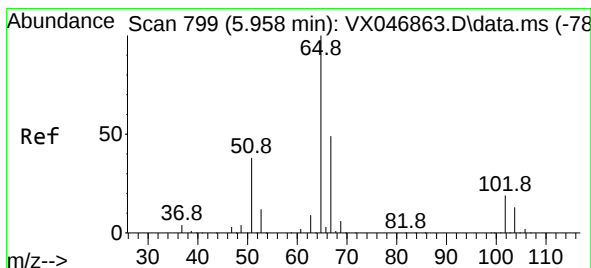
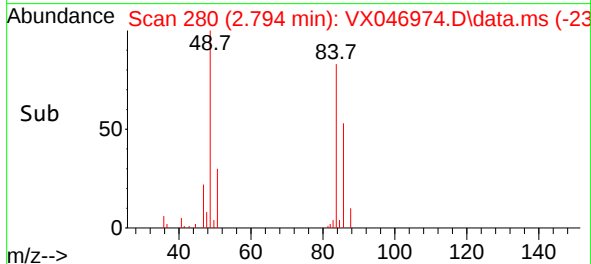
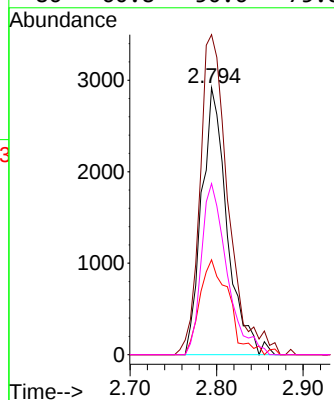
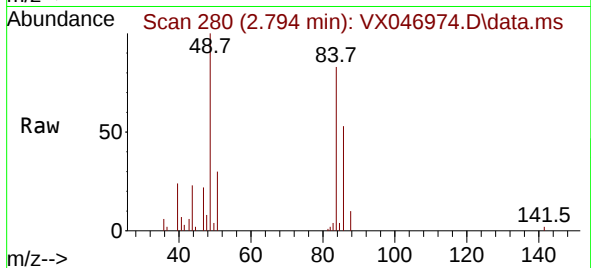




#20
Methylene Chloride
Concen: 1.637 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

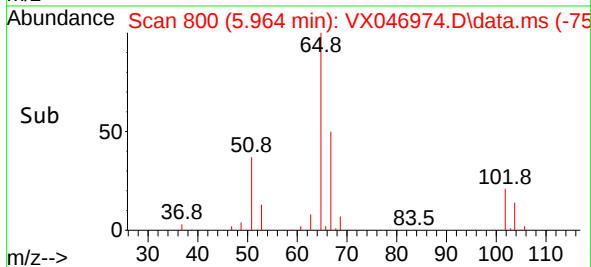
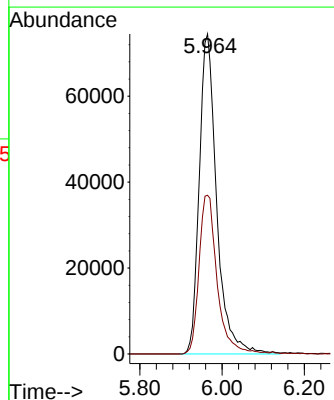
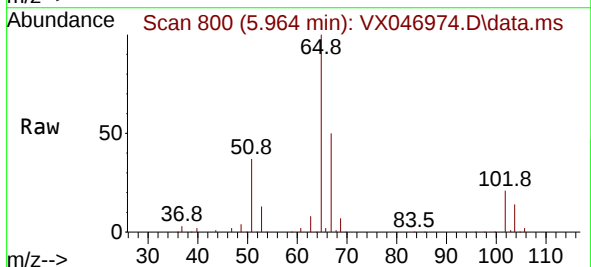
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0180

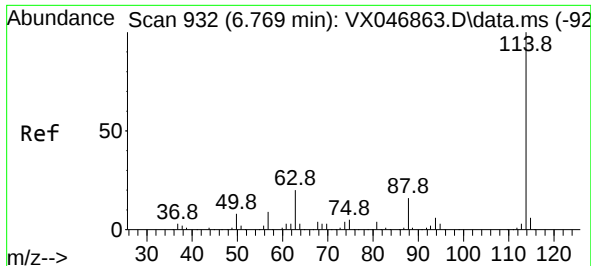
Tgt Ion:	84	Resp:	5946
Ion	Ratio	Lower	Upper
84	100		
49	113.9	102.8	154.2
51	33.8	31.1	46.7
86	60.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 55.349 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

Tgt Ion:	65	Resp:	218861
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.2

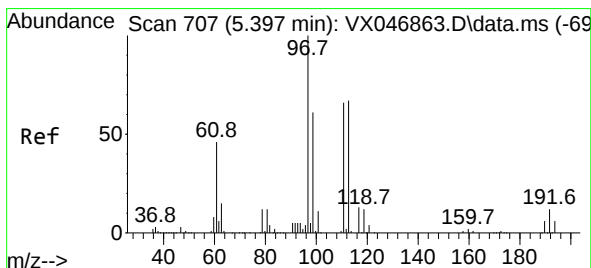
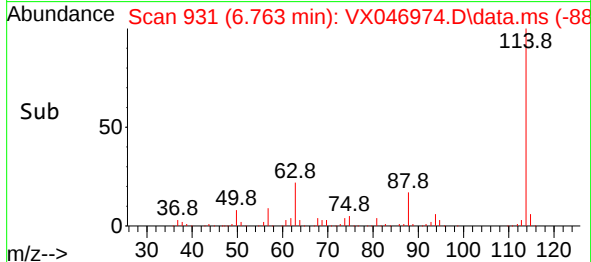
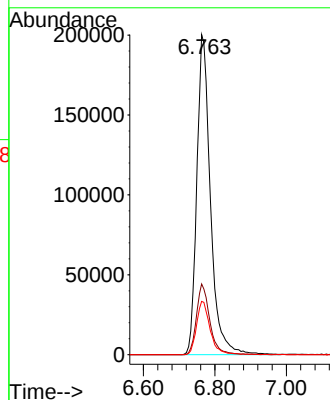
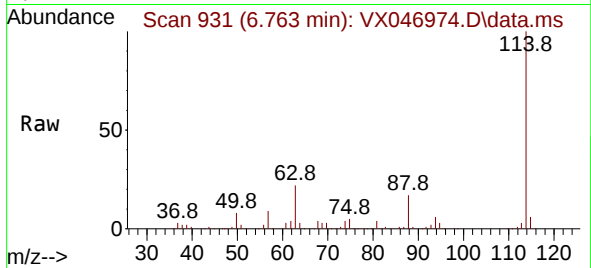




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VX046974.D
 Acq: 14 Jul 2025 15:23

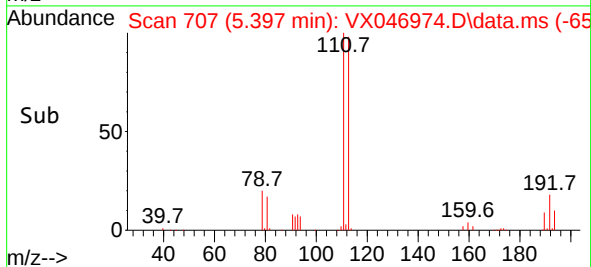
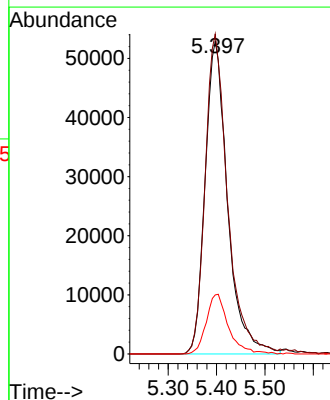
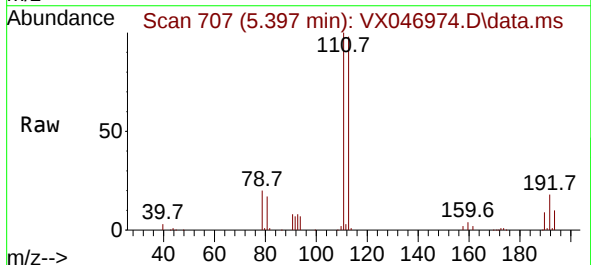
Instrument :
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 ClientSampleId :
 MOO-25-0180

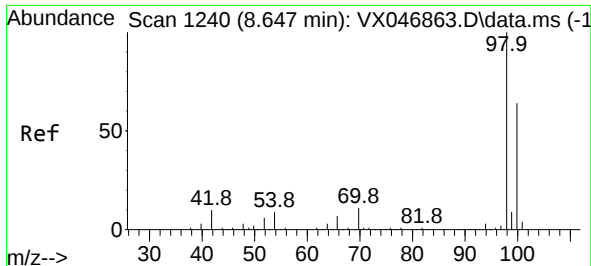
Tgt Ion:114 Resp: 529387
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.4
 88 16.7 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 47.528 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX046974.D
 Acq: 14 Jul 2025 15:23

Tgt Ion:113 Resp: 170792
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.2 121.8
 192 18.9 15.3 22.9

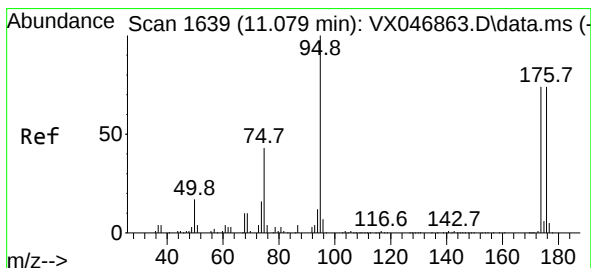
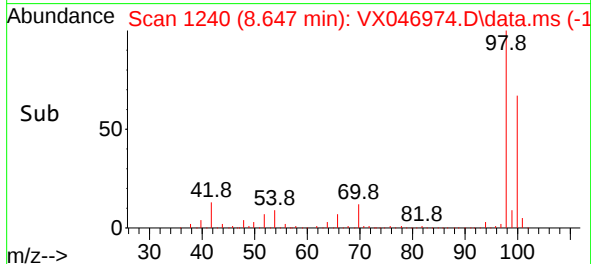
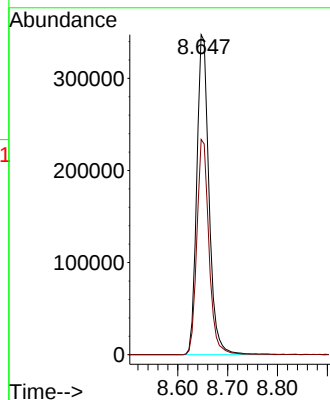
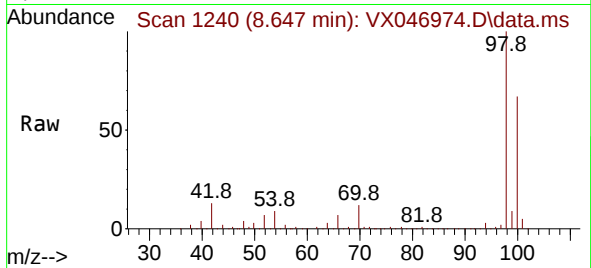




#50
Toluene-d8
Concen: 46.634 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

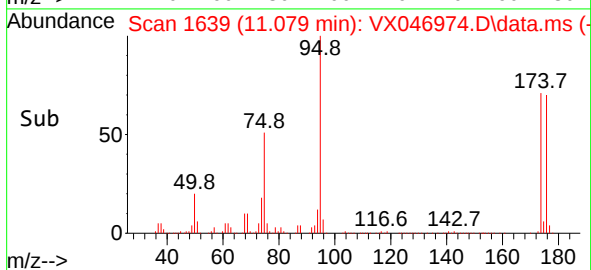
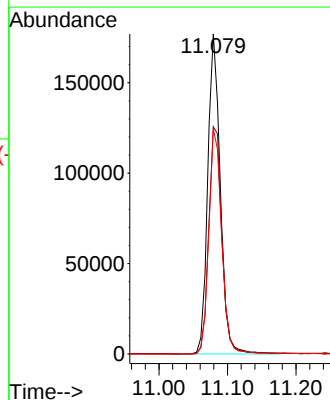
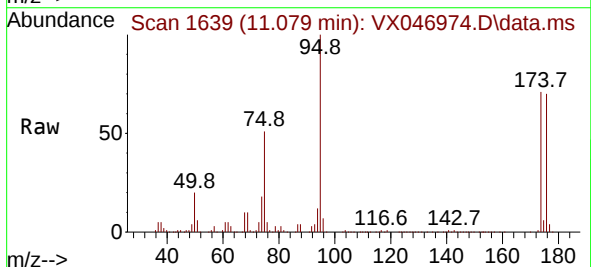
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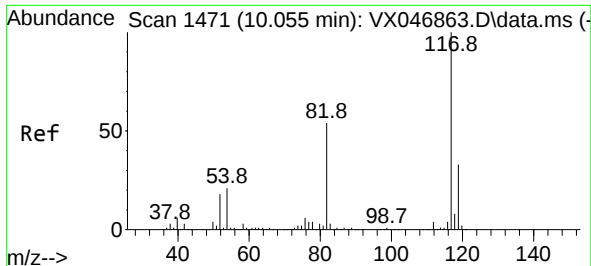
Tgt Ion: 98 Resp: 591256
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 46.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

Tgt Ion: 95 Resp: 226077
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.0
176 71.6 0.0 145.2

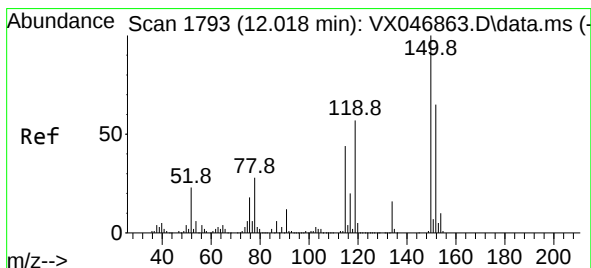
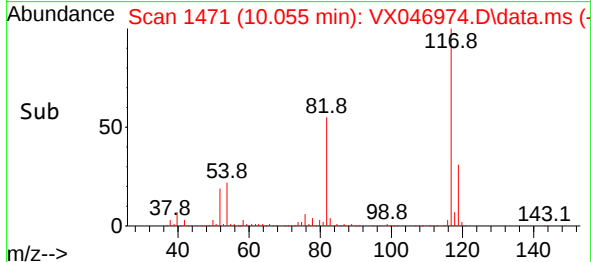
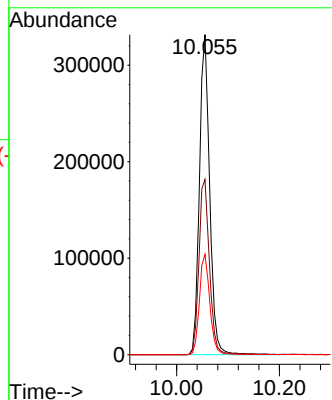
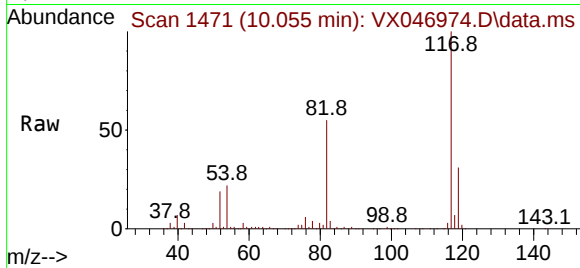




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0180

Tgt Ion:117 Resp: 458887
Ion Ratio Lower Upper
117 100
82 54.7 43.3 64.9
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046974.D
Acq: 14 Jul 2025 15:23

Tgt Ion:152 Resp: 213116
Ion Ratio Lower Upper
152 100
115 61.5 42.4 127.1
150 155.6 0.0 349.2

