

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046972.D
 Acq On : 14 Jul 2025 14:41
 Operator : JC/MD
 Sample : Q2565-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0191

Quant Time: Jul 15 01:21:03 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)

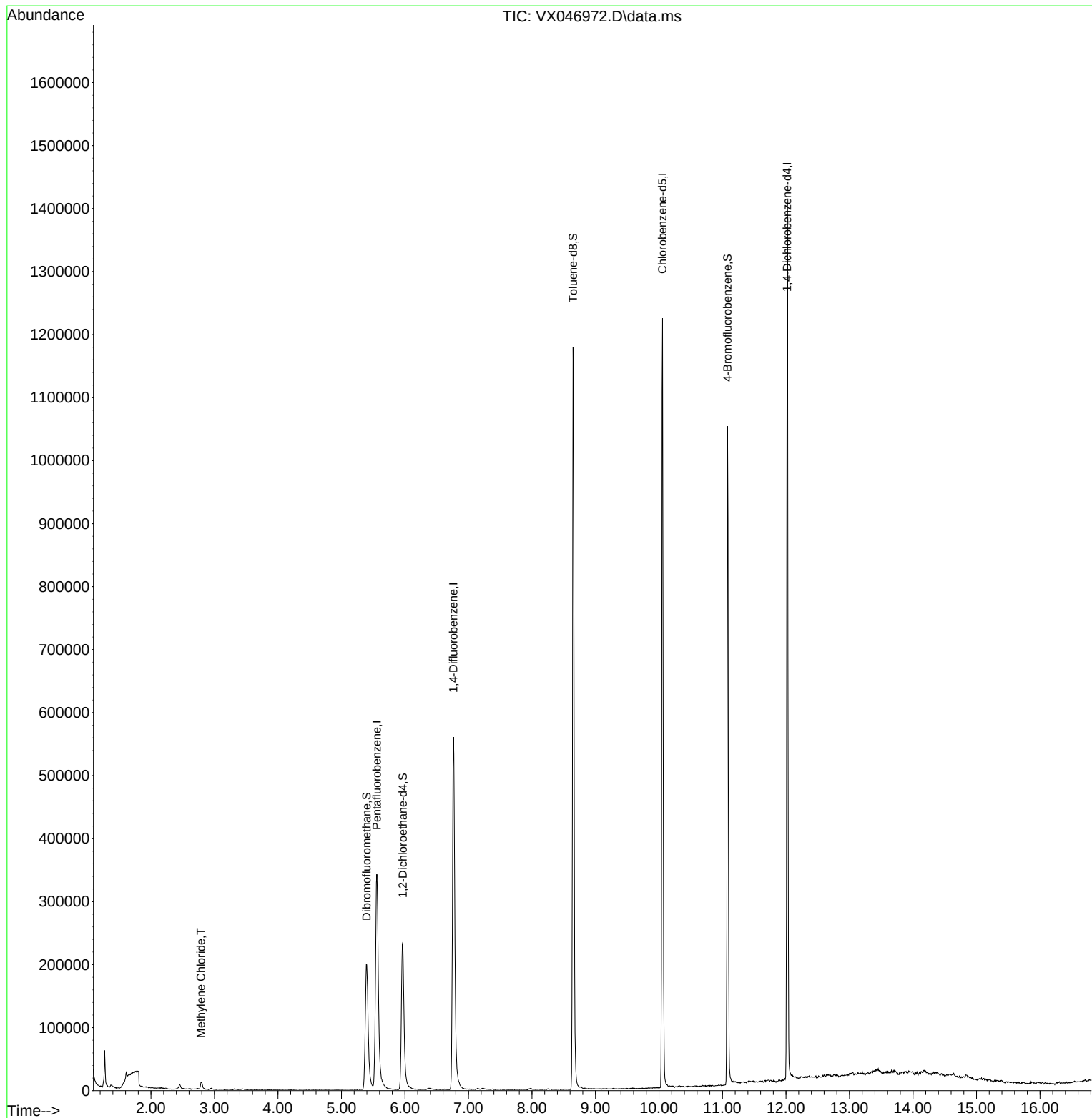
Internal Standards						
1) Pentafluorobenzene	5.556	168	358964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	624737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	288479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	253193	53.391	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.780%			
35) Dibromofluoromethane	5.397	113	199063	46.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.880%			
50) Toluene-d8	8.647	98	728002	48.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.320%			
62) 4-Bromofluorobenzene	11.079	95	293489	51.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.220%			
Target Compounds						
20) Methylene Chloride	2.788	84	6887	1.581	ug/l #	82

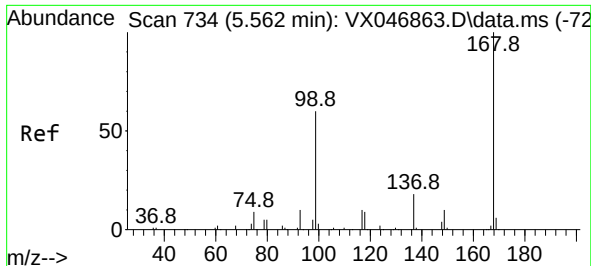
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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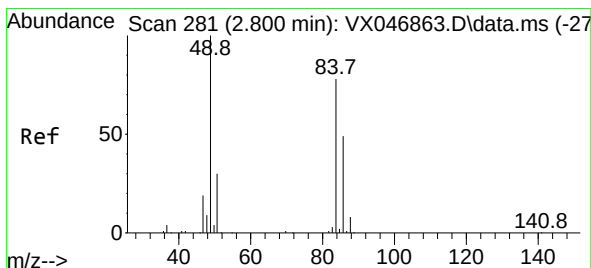
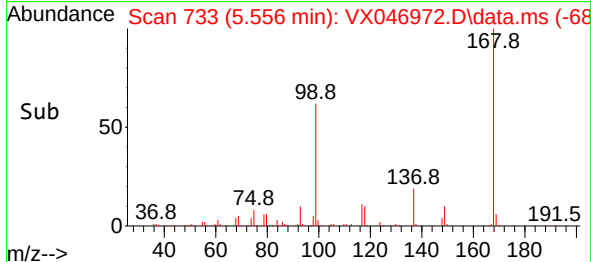
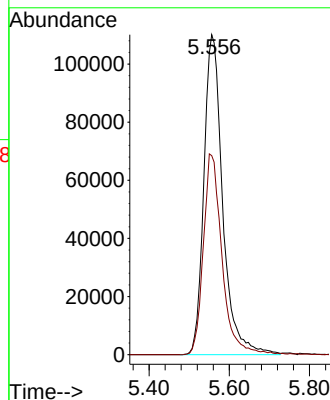
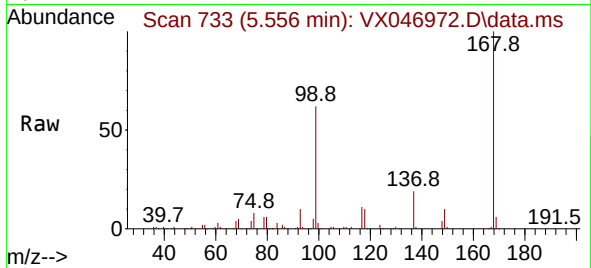




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

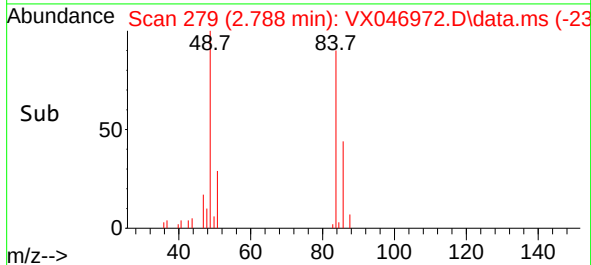
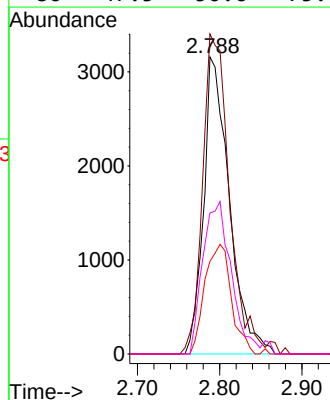
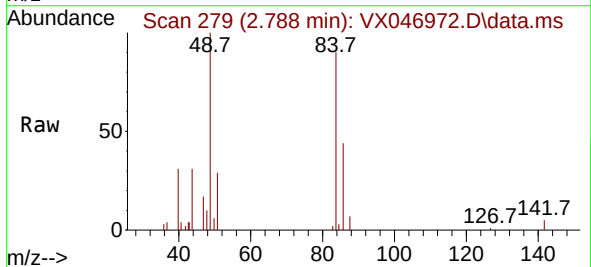
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0191

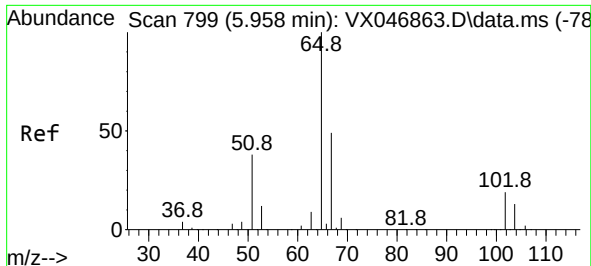
Tgt Ion:168 Resp: 358964
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#20
Methylene Chloride
Concen: 1.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.012 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

Tgt Ion: 84 Resp: 6887
Ion Ratio Lower Upper
84 100
49 107.7 102.8 154.2
51 31.2 31.1 46.7
86 47.5 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 53.391 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046972.D

Acq: 14 Jul 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

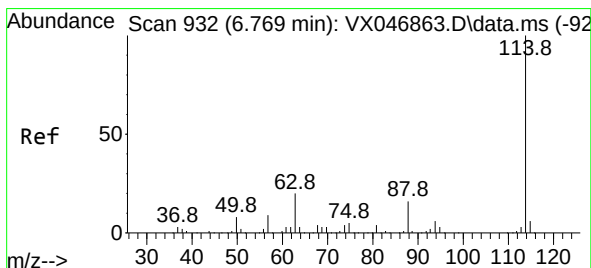
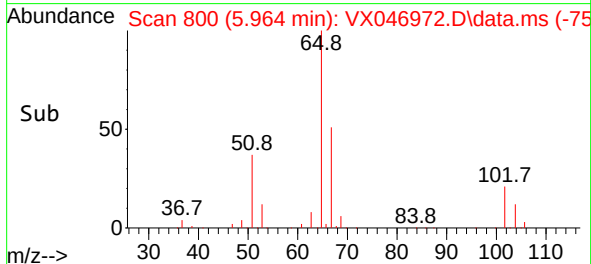
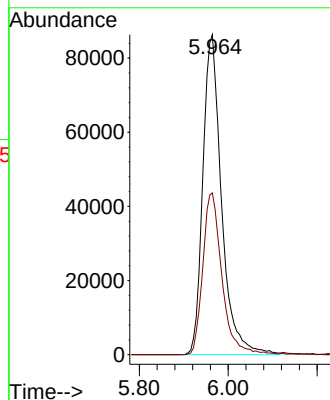
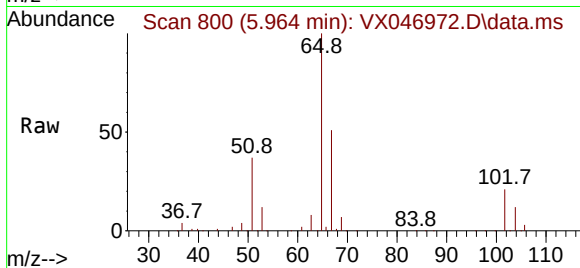
MOO-25-0191

Tgt Ion: 65 Resp: 253193

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046972.D

Acq: 14 Jul 2025 14:41

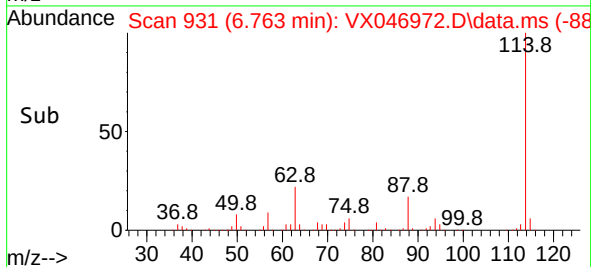
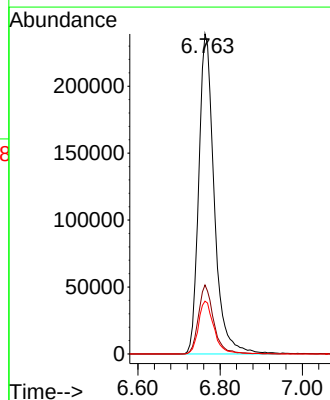
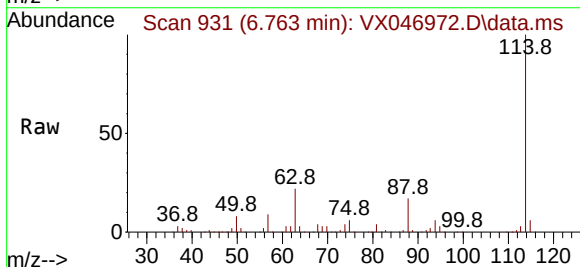
Tgt Ion: 114 Resp: 624737

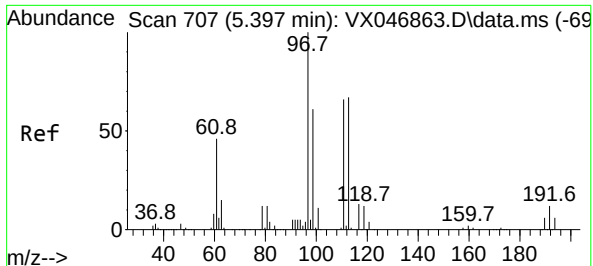
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.4

88 16.5 0.0 31.0

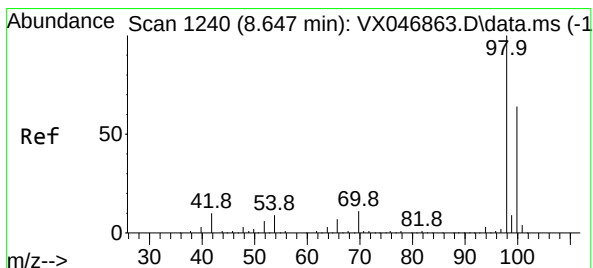
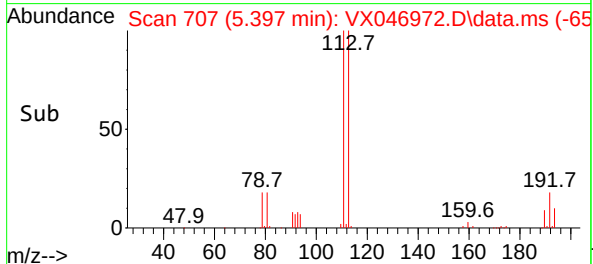
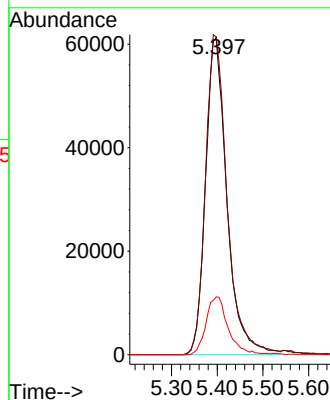
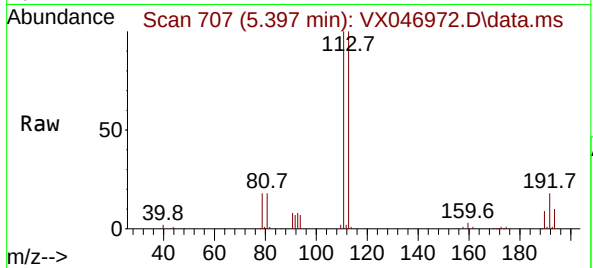




#35
Dibromofluoromethane
Concen: 46.941 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

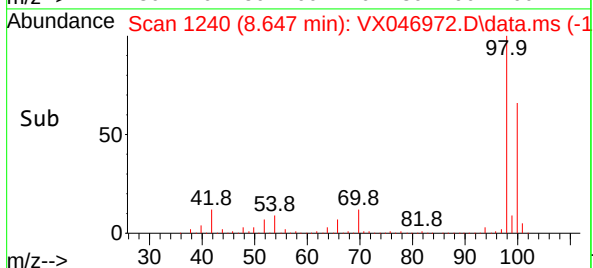
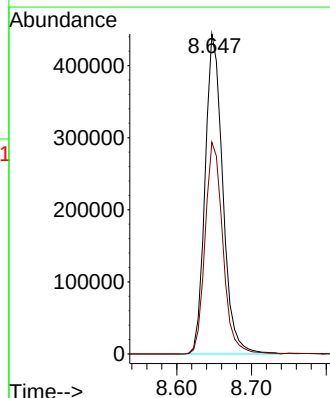
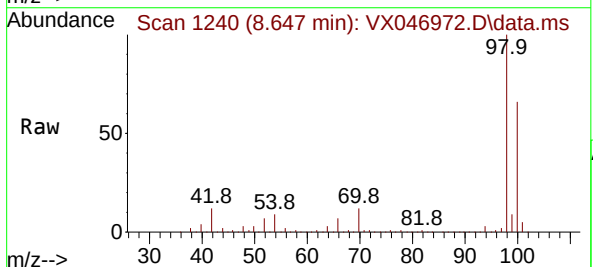
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0191

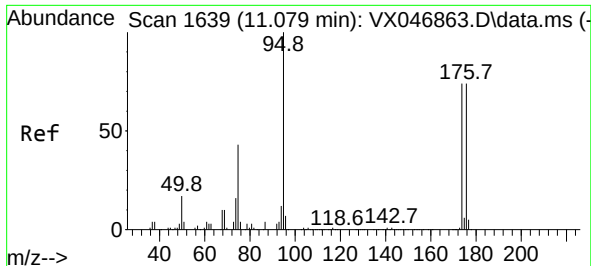
Tgt Ion:113 Resp: 199063
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.8 15.3 22.9



#50
Toluene-d8
Concen: 48.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

Tgt Ion: 98 Resp: 728002
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

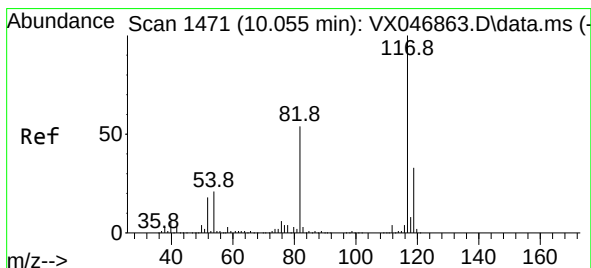
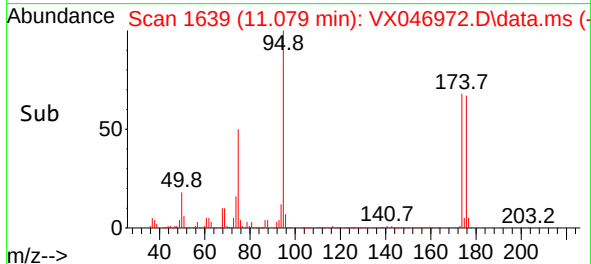
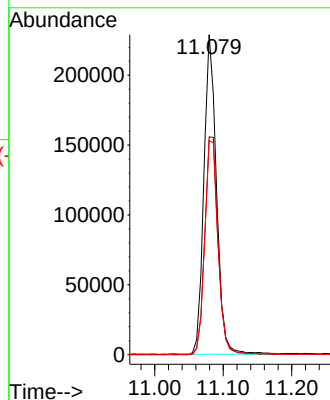
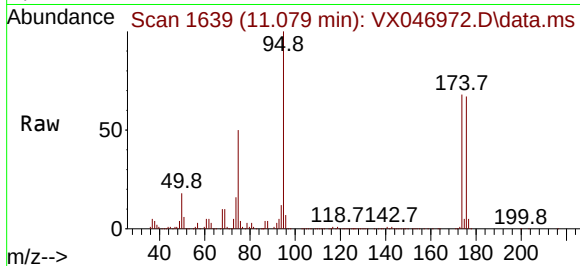




#62
4-Bromofluorobenzene
Concen: 51.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

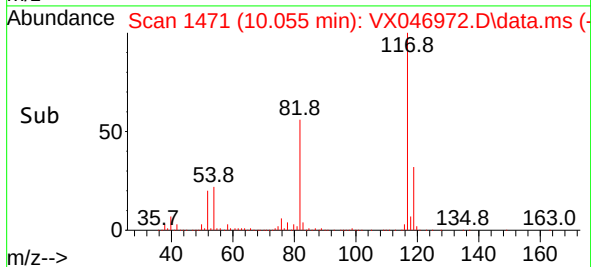
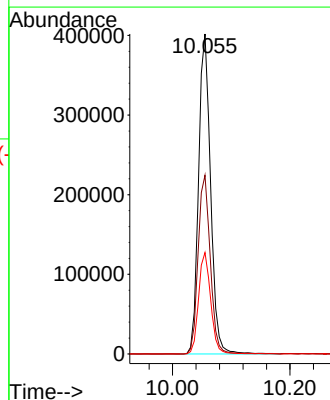
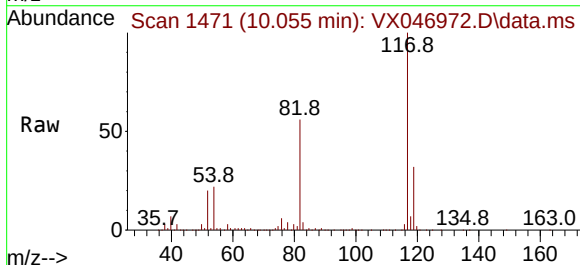
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0191

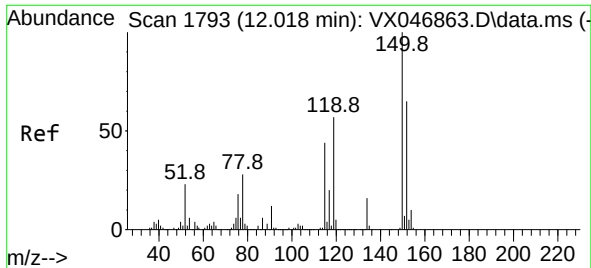
Tgt Ion: 95 Resp: 293489
Ion Ratio Lower Upper
95 100
174 72.6 0.0 152.0
176 71.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046972.D
Acq: 14 Jul 2025 14:41

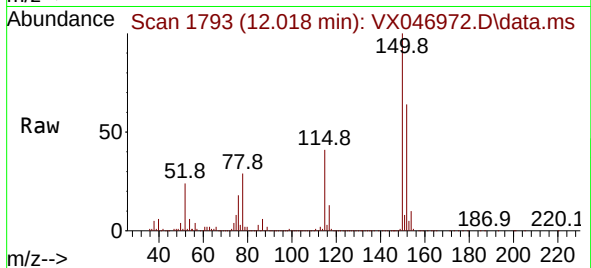
Tgt Ion: 117 Resp: 569632
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 31.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046972.D
 Acq: 14 Jul 2025 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0191



Tgt Ion:152 Resp: 288479
 Ion Ratio Lower Upper
 152 100
 115 61.3 42.4 127.1
 150 159.8 0.0 349.2

