

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046966.D
 Acq On : 14 Jul 2025 12:27
 Operator : JC/MD
 Sample : Q2480-04ME
 Misc : 7.83g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX4ME

Quant Time: Jul 15 01:17:10 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)

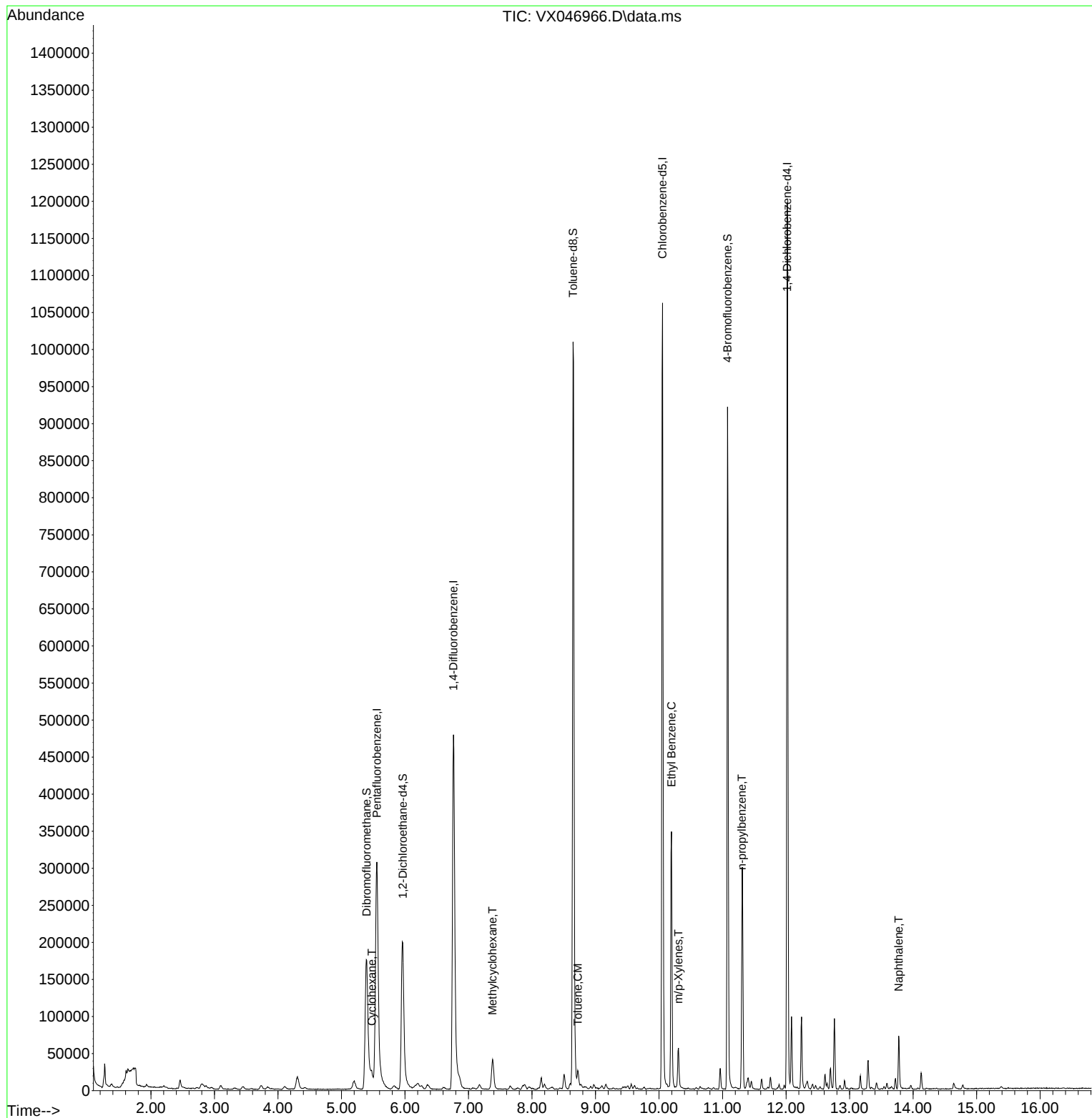
Internal Standards						
1) Pentafluorobenzene	5.556	168	315290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	247915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	218114	52.365	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.720%		
35) Dibromofluoromethane	5.397	113	175195	48.127	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.260%		
50) Toluene-d8	8.646	98	628116	48.905	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.800%		
62) 4-Bromofluorobenzene	11.079	95	248231	50.853	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.700%		
Target Compounds						
						Qvalue
31) Cyclohexane	5.476	56	11696	1.964	ug/l	94
39) Methylcyclohexane	7.378	83	18925	3.080	ug/l	99
52) Toluene	8.720	92	9641	1.047	ug/l	97
67) Ethyl Benzene	10.195	91	213257	11.740	ug/l	99
68) m/p-Xylenes	10.305	106	14307	2.090	ug/l	98
78) n-propylbenzene	11.305	91	27785	1.322	ug/l	98
95) Naphthalene	13.774	128	48368	3.434	ug/l	98

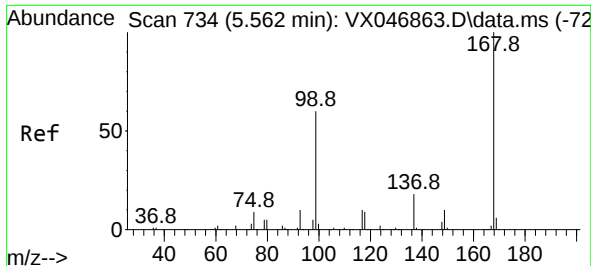
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
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Quant Title : SW846 8260
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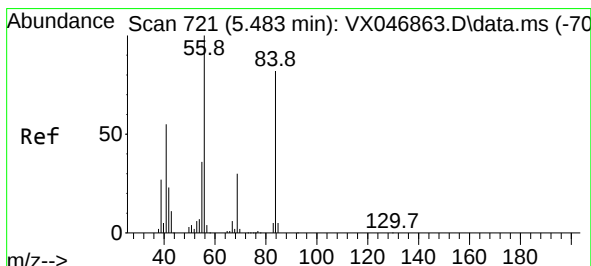
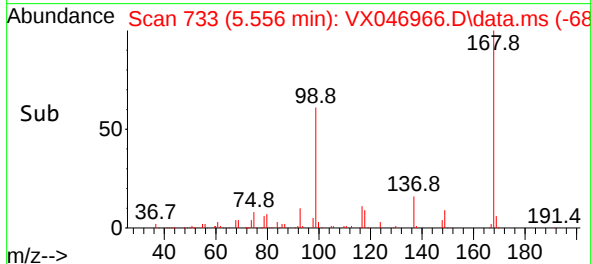
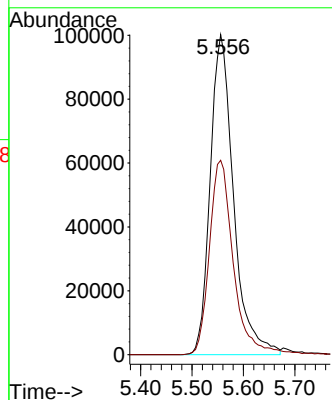
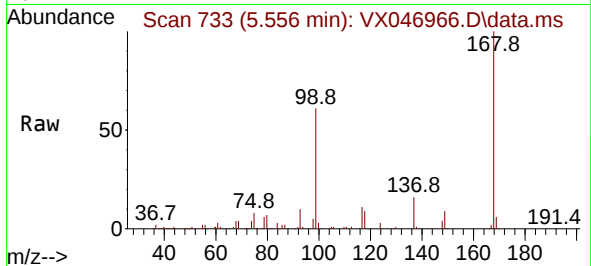




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

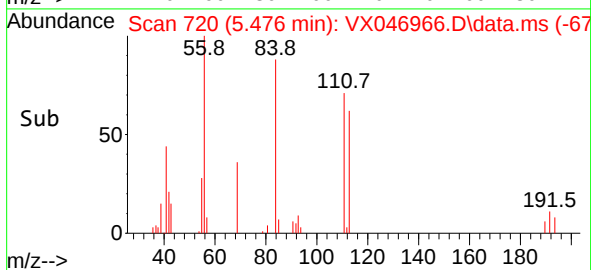
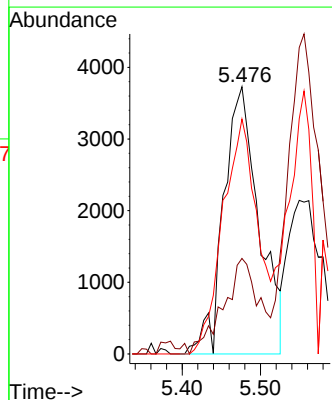
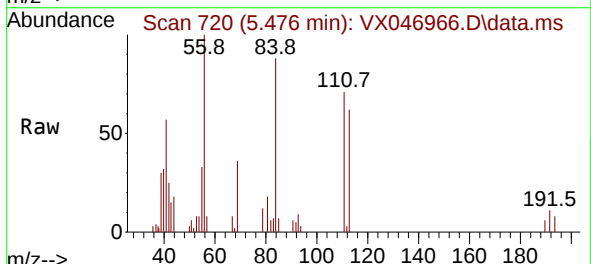
Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

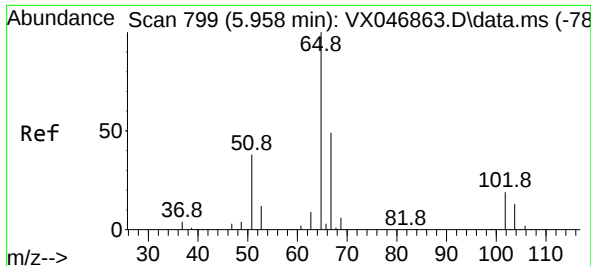
Tgt Ion:168 Resp: 315290
Ion Ratio Lower Upper
168 100
99 60.8 48.8 73.2



#31
Cyclohexane
Concen: 1.964 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 56 Resp: 11696
Ion Ratio Lower Upper
56 100
69 33.9 24.0 36.0
84 87.9 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 52.365 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX046966.D

Acq: 14 Jul 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

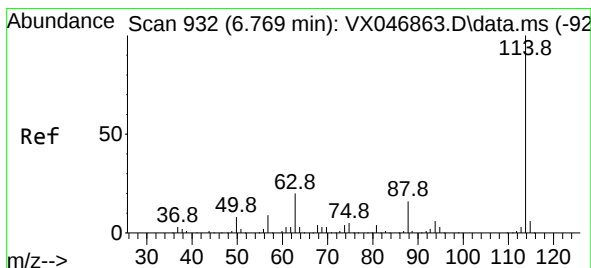
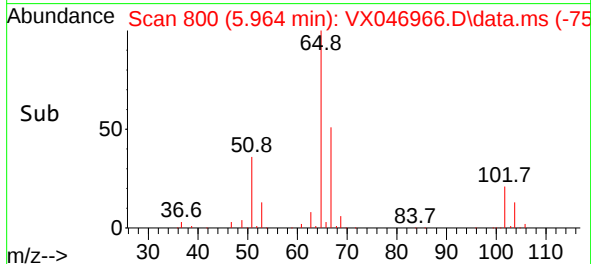
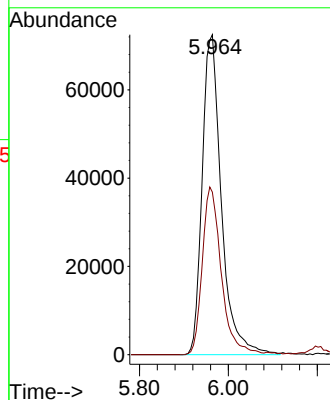
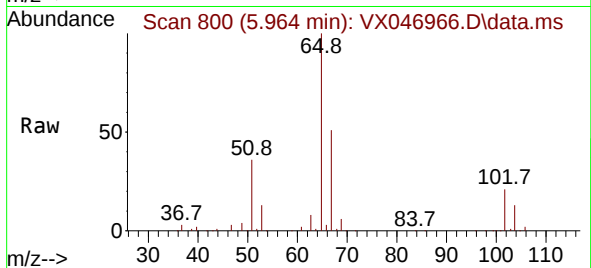
GPX4ME

Tgt Ion: 65 Resp: 218114

Ion Ratio Lower Upper

65 100

67 51.9 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: VX046966.D

Acq: 14 Jul 2025 12:27

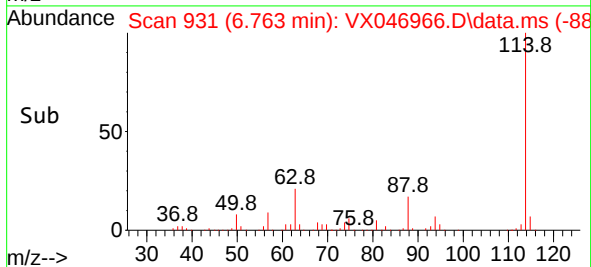
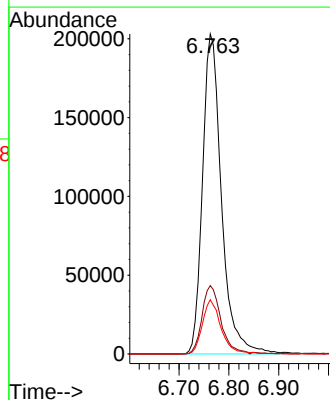
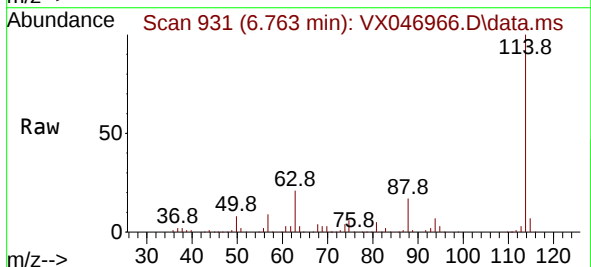
Tgt Ion: 114 Resp: 536279

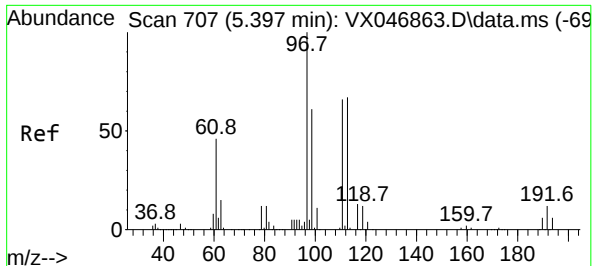
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.4

88 16.9 0.0 31.0

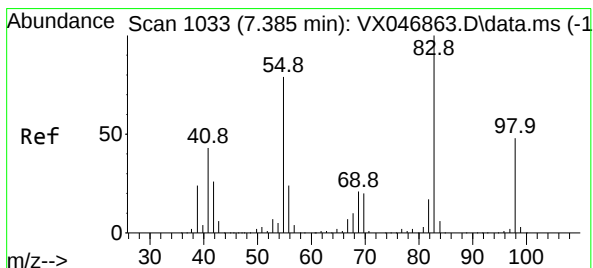
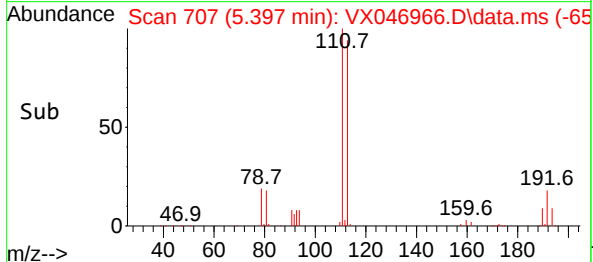
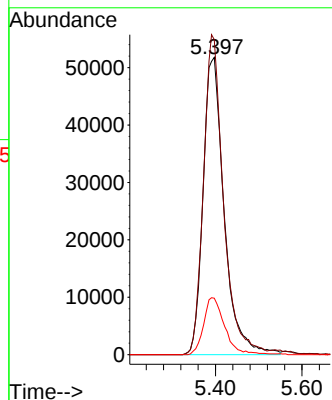
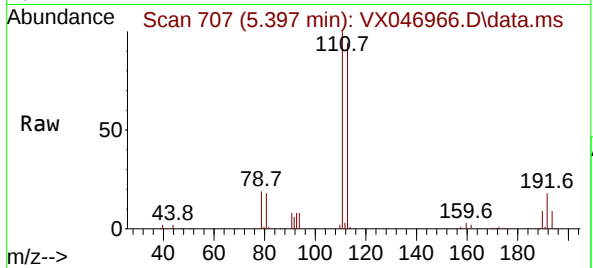




#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

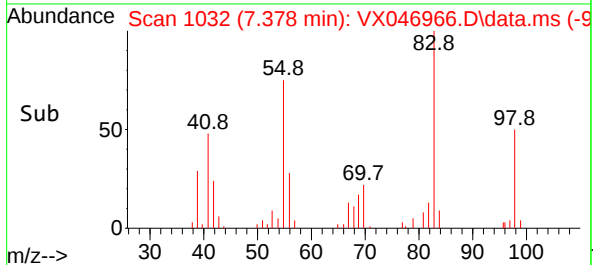
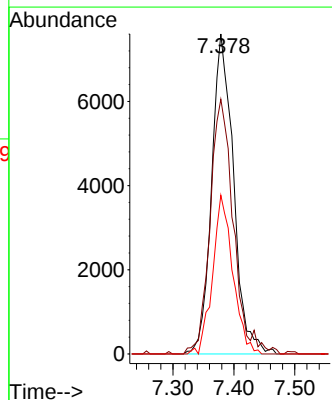
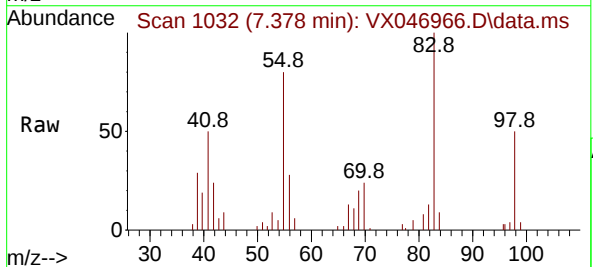
Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

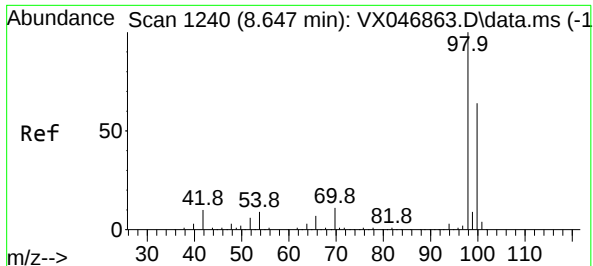
Tgt Ion:113 Resp: 175195
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.1 15.3 22.9



#39
Methylcyclohexane
Concen: 3.080 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 83 Resp: 18925
Ion Ratio Lower Upper
83 100
55 79.6 63.0 94.4
98 49.6 38.5 57.7

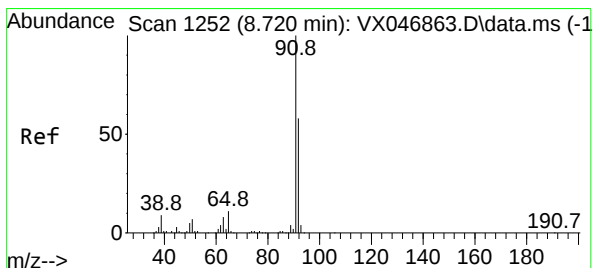
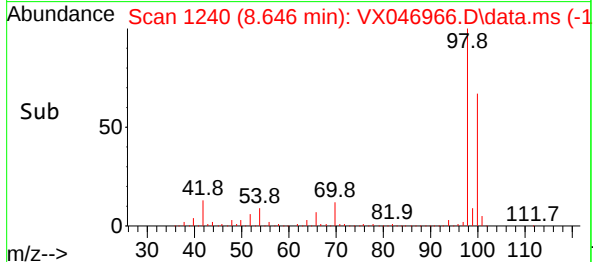
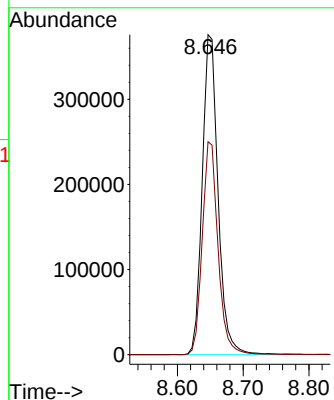
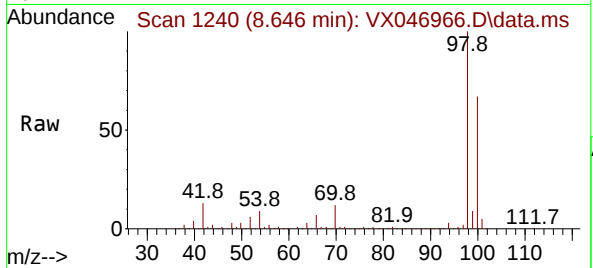




#50
Toluene-d8
Concen: 48.905 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

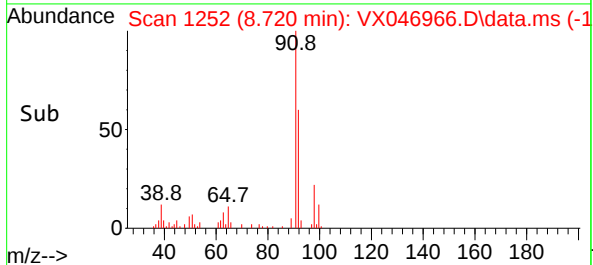
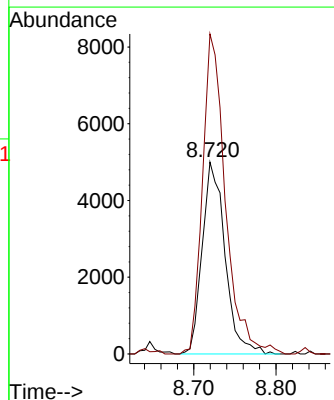
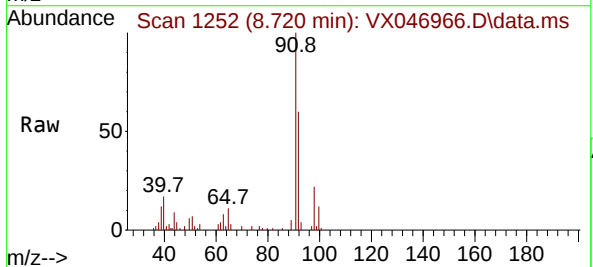
Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

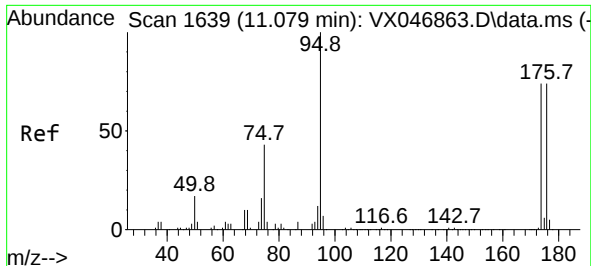
Tgt Ion: 98 Resp: 628116
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#52
Toluene
Concen: 1.047 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 92 Resp: 9641
Ion Ratio Lower Upper
92 100
91 167.7 137.9 206.9

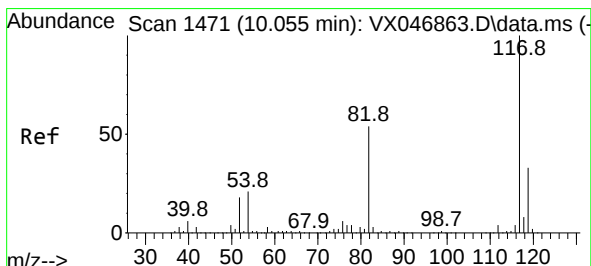
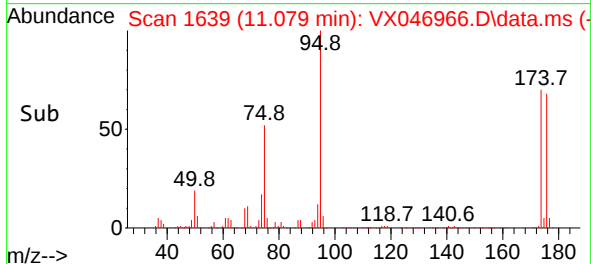
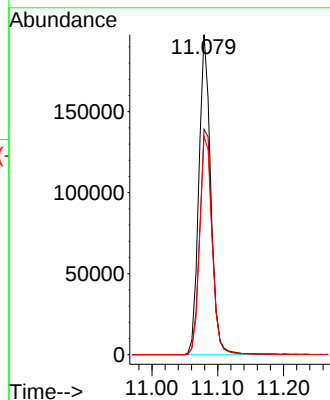
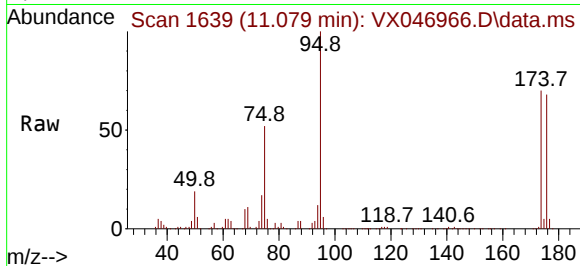




#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

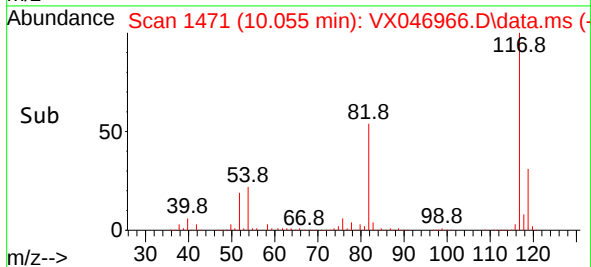
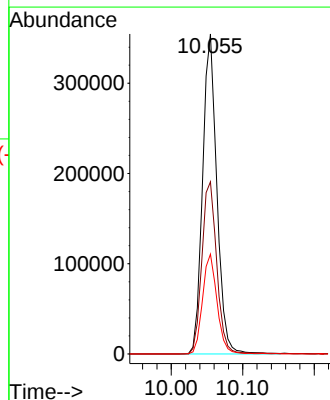
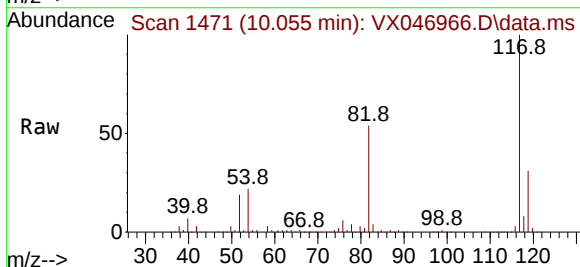
Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

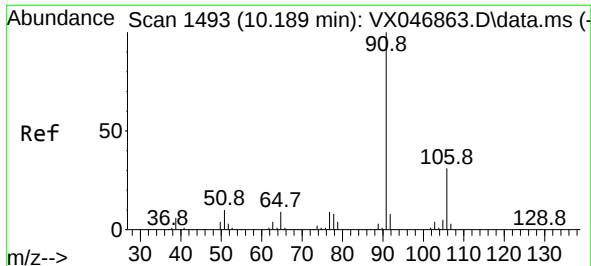
Tgt Ion: 95 Resp: 248231
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.0
176 71.6 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 117 Resp: 490599
Ion Ratio Lower Upper
117 100
82 53.8 43.3 64.9
119 31.2 26.4 39.6





#67

Ethyl Benzene

Concen: 11.740 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046966.D

Acq: 14 Jul 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

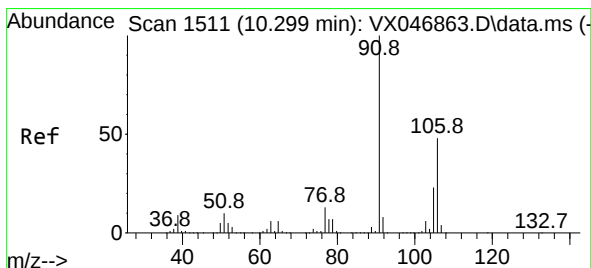
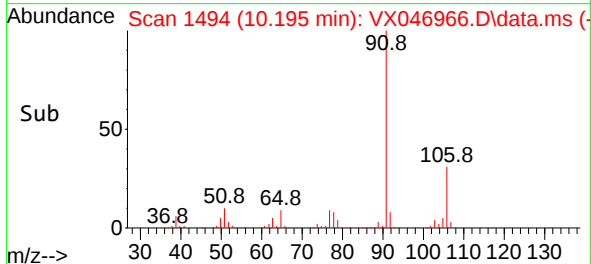
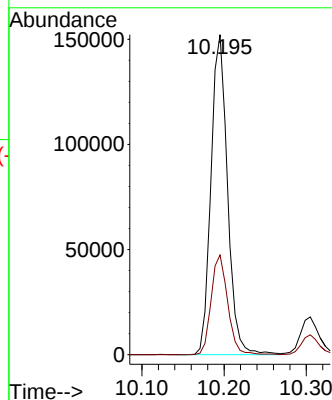
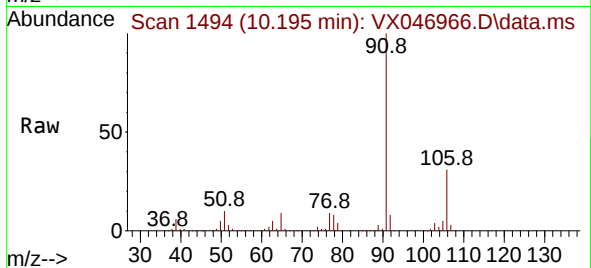
GPX4ME

Tgt Ion: 91 Resp: 213257

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#68

m/p-Xylenes

Concen: 2.090 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046966.D

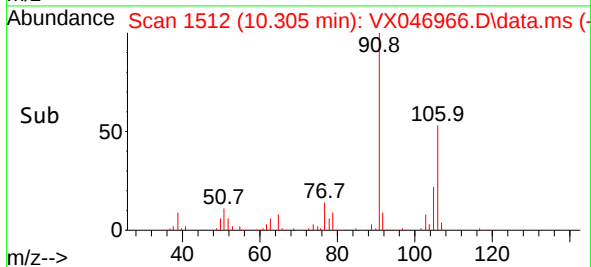
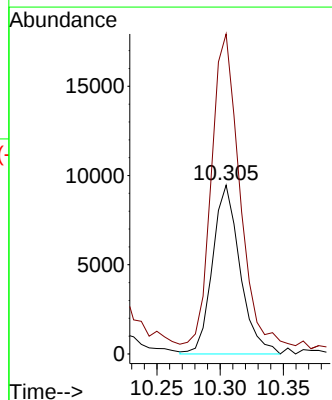
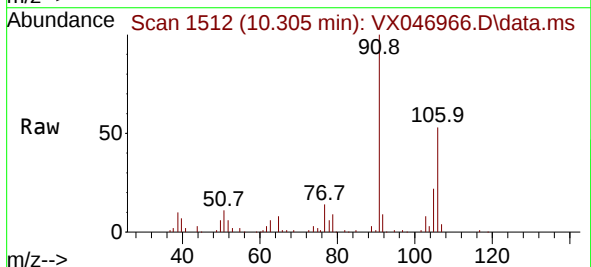
Acq: 14 Jul 2025 12:27

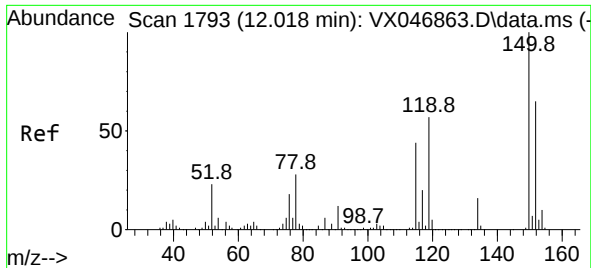
Tgt Ion:106 Resp: 14307

Ion Ratio Lower Upper

106 100

91 202.2 164.6 246.8

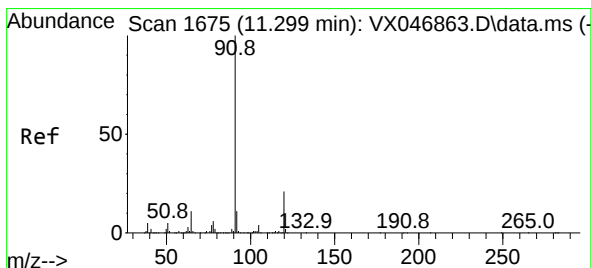
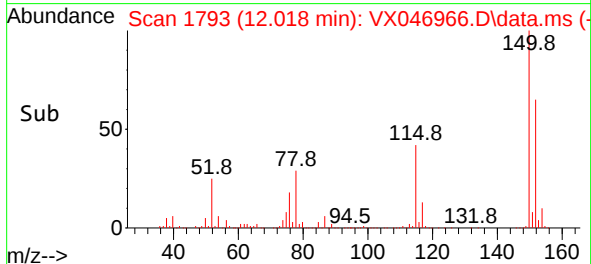
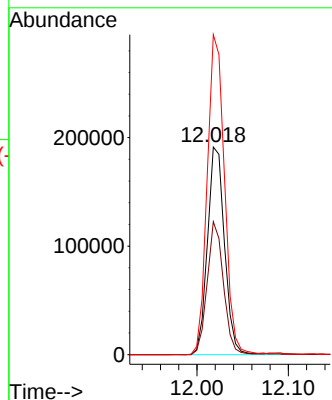
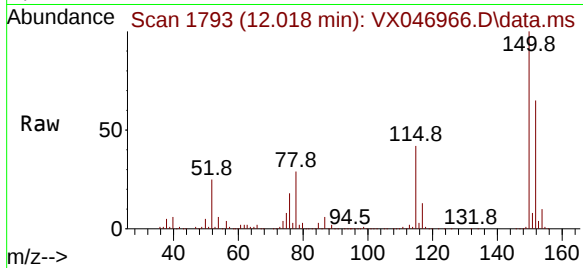




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

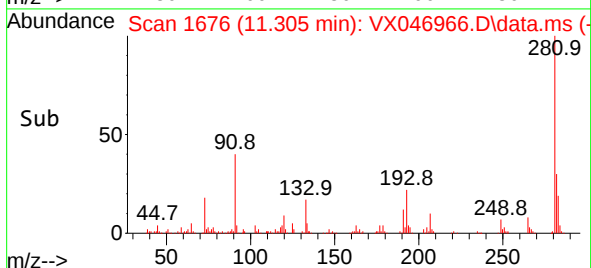
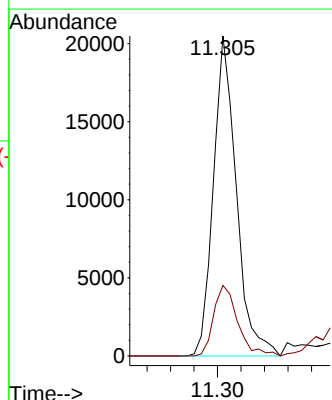
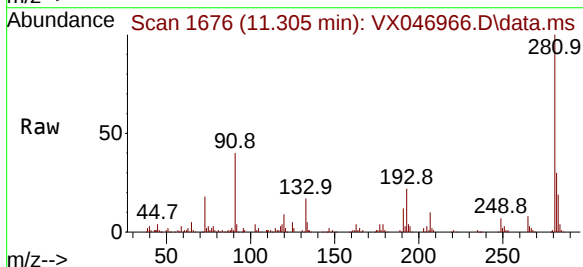
Instrument :
MSVOA_X
ClientSampleId :
GPX4ME

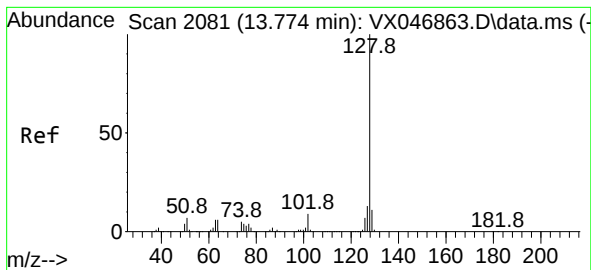
Tgt Ion:152 Resp: 247915
Ion Ratio Lower Upper
152 100
115 60.8 42.4 127.1
150 155.9 0.0 349.2



#78
n-propylbenzene
Concen: 1.322 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046966.D
Acq: 14 Jul 2025 12:27

Tgt Ion: 91 Resp: 27785
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.5





#95

Naphthalene

Concen: 3.434 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046966.D

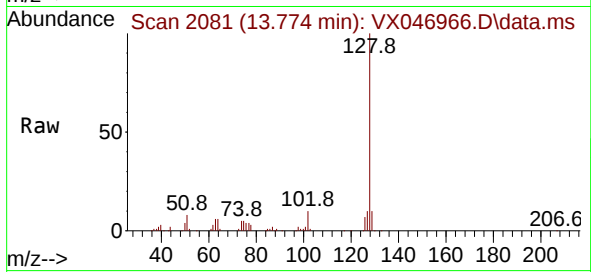
Acq: 14 Jul 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

GPX4ME



Tgt Ion:128 Resp: 48368

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.4

129 10.8 8.6 13.0

