

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046879.D
 Acq On : 03 Jul 2025 12:07
 Operator : JC/MD
 Sample : Q2447-07ME
 Misc : 3.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0100ME

Quant Time: Jul 04 01:30:03 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)

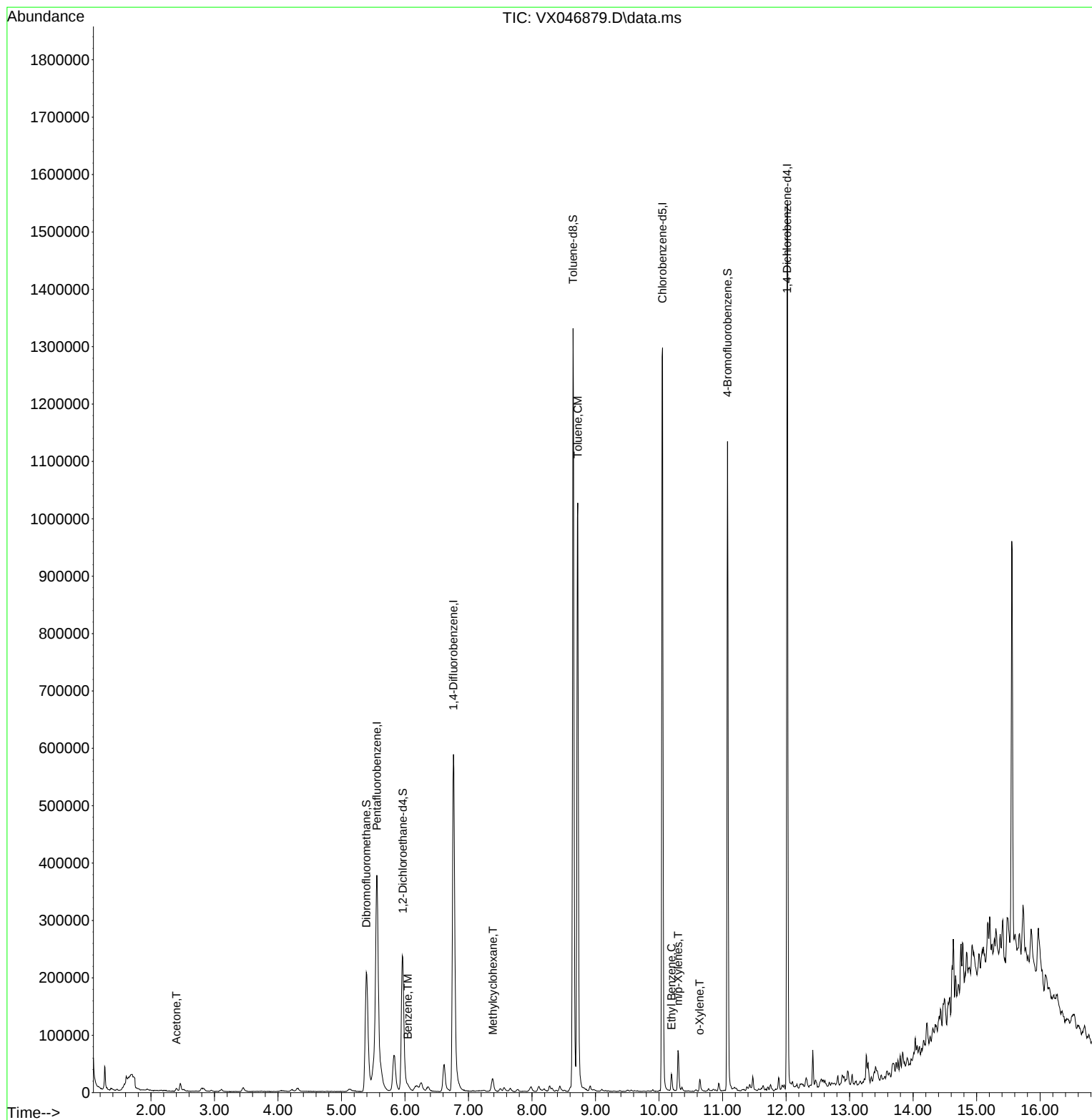
Internal Standards						
1) Pentafluorobenzene	5.556	168	396544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	672060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	611341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	308520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	253531	48.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.391	113	209749	45.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	800768	49.751	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	301787	49.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	7494	4.605	ug/l	96
39) Methylcyclohexane	7.385	83	10136	1.316	ug/l #	92
40) Benzene	6.044	78	6132	0.329	ug/l	95
52) Toluene	8.720	92	415725	36.036	ug/l	98
67) Ethyl Benzene	10.195	91	19281	0.852	ug/l	96
68) m/p-Xylenes	10.299	106	18589	2.179	ug/l	96
69) o-Xylene	10.640	106	5052	0.613	ug/l	93

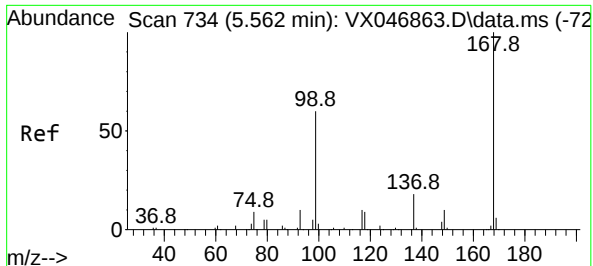
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046879.D
Acq On : 03 Jul 2025 12:07
Operator : JC/MD
Sample : Q2447-07ME
Misc : 3.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Quant Time: Jul 04 01:30:03 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

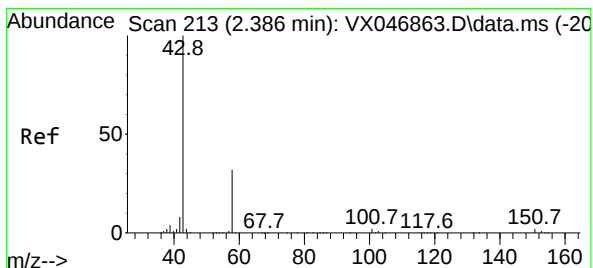
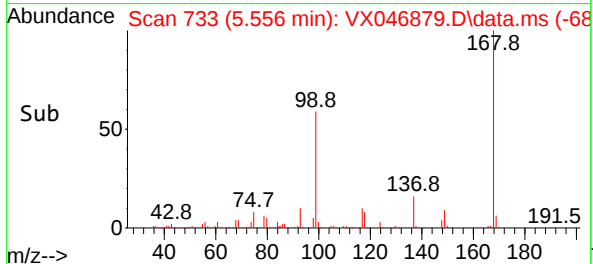
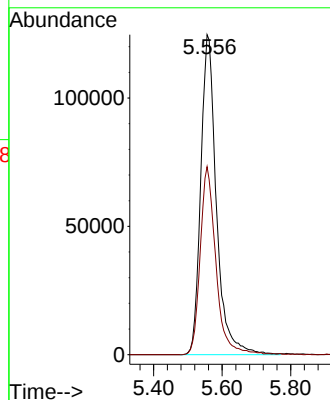
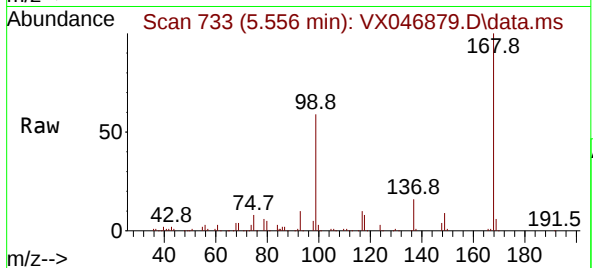




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

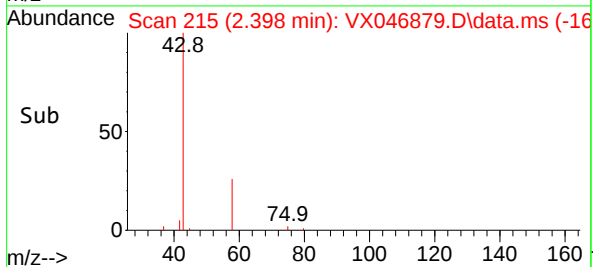
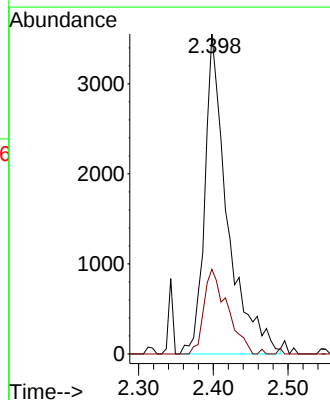
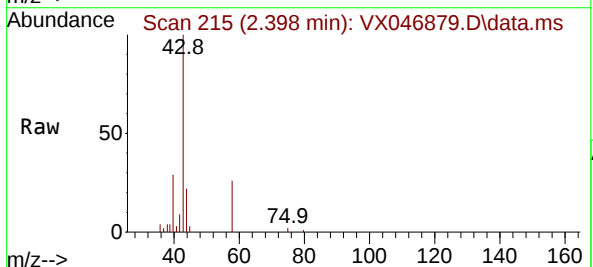
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

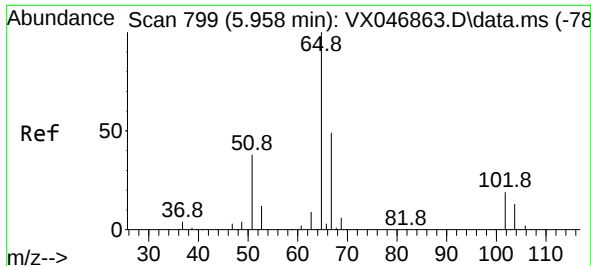
Tgt Ion:168 Resp: 396544
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2



#16
Acetone
Concen: 4.605 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
58 34.2 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 48.395 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046879.D

Acq: 03 Jul 2025 12:07

Instrument :

MSVOA_X

ClientSampleId :

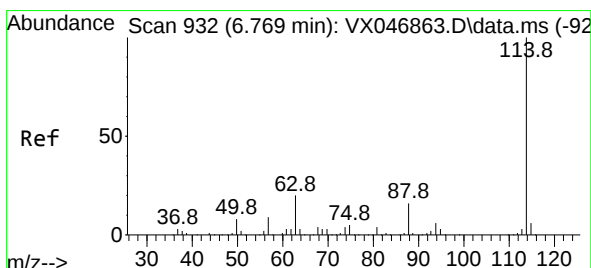
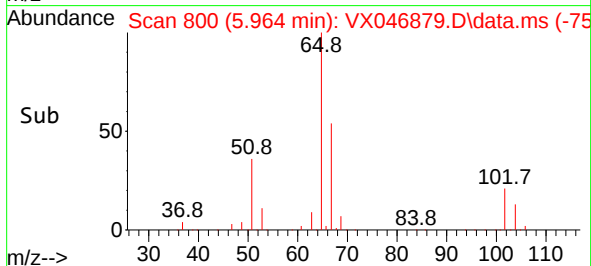
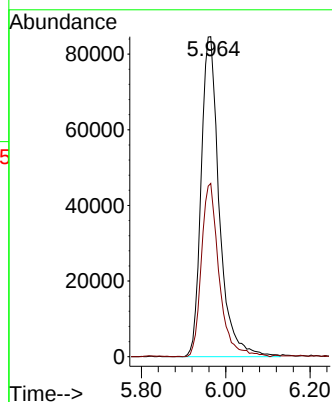
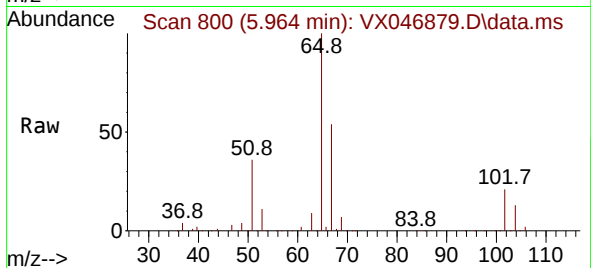
LAW-25-0100ME

Tgt Ion: 65 Resp: 253531

Ion Ratio Lower Upper

65 100

67 52.9 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: VX046879.D

Acq: 03 Jul 2025 12:07

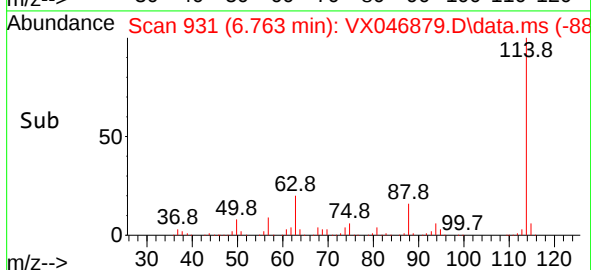
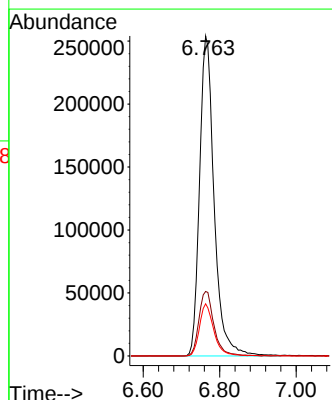
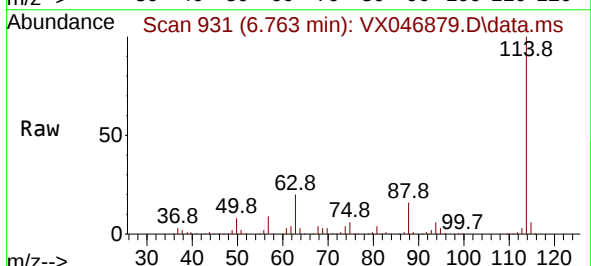
Tgt Ion: 114 Resp: 672060

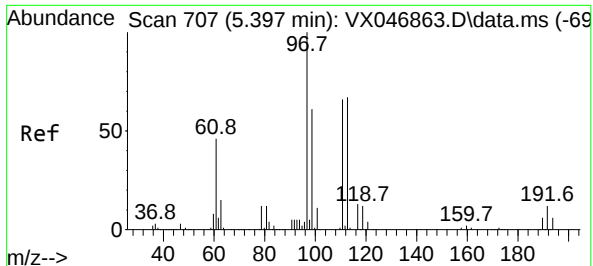
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

88 16.3 0.0 31.0

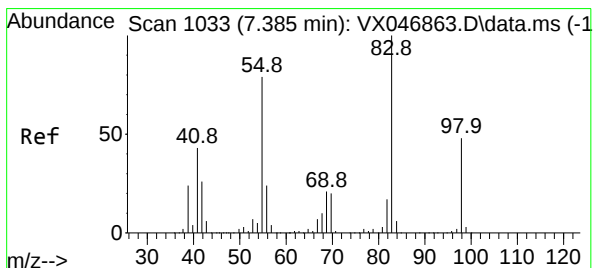
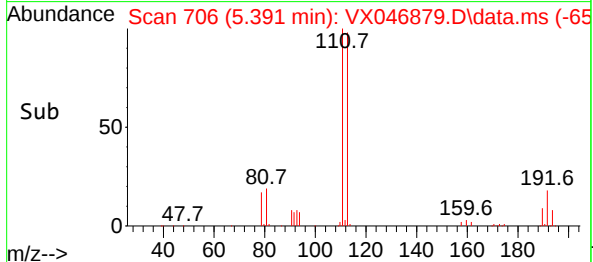
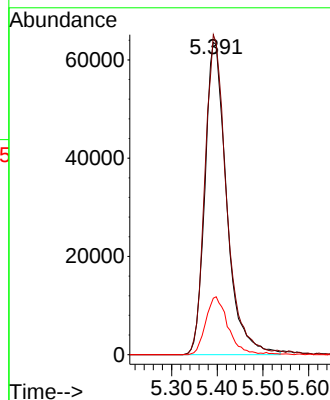
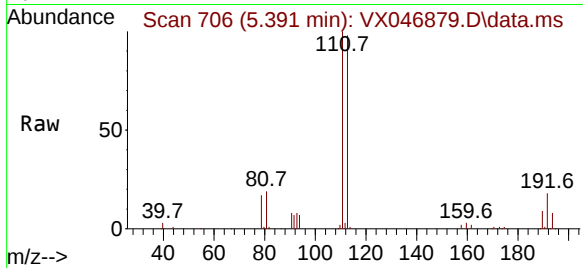




#35
Dibromofluoromethane
Concen: 45.978 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

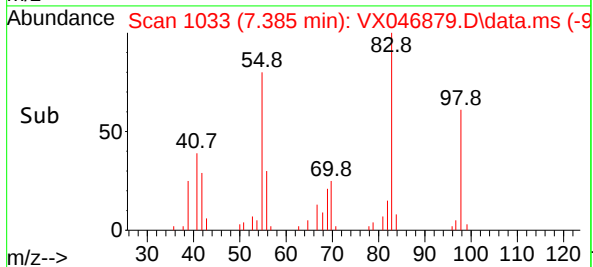
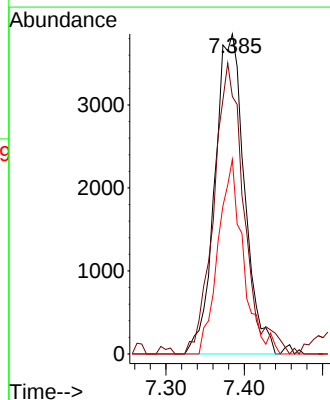
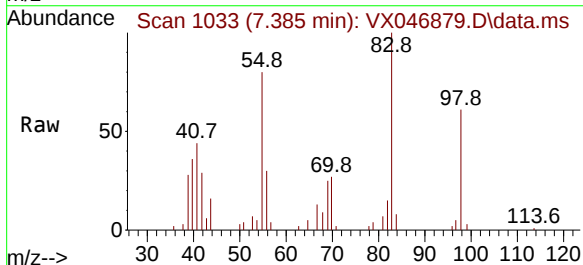
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

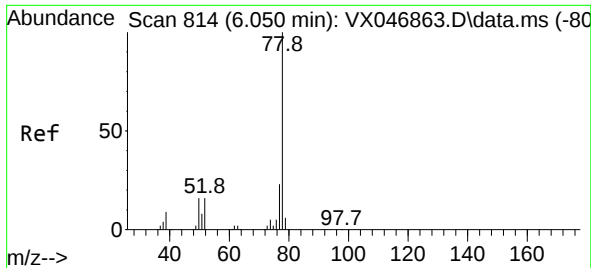
Tgt Ion:113 Resp: 209749
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 19.0 15.3 22.9



#39
Methylcyclohexane
Concen: 1.316 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 83 Resp: 10136
Ion Ratio Lower Upper
83 100
55 80.5 63.0 94.4
98 60.7 38.5 57.7#





#40

Benzene

Concen: 0.329 ug/l

RT: 6.044 min Scan# 814

Delta R.T. -0.006 min

Lab File: VX046879.D

Acq: 03 Jul 2025 12:07

Instrument :

MSVOA_X

ClientSampleId :

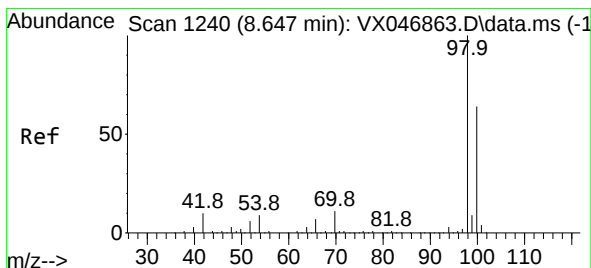
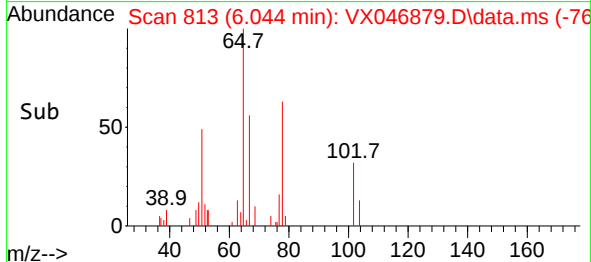
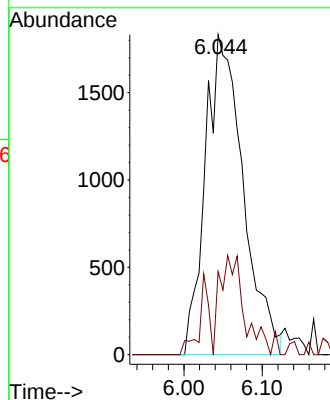
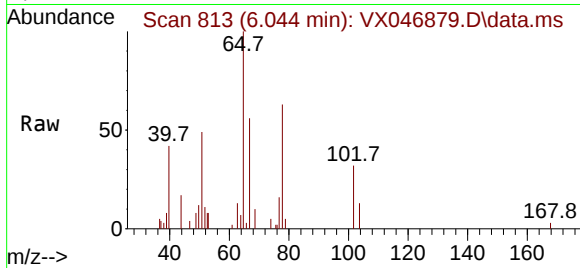
LAW-25-0100ME

Tgt Ion: 78 Resp: 6132

Ion Ratio Lower Upper

78 100

77 25.9 18.7 28.1



#50

Toluene-d8

Concen: 49.751 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046879.D

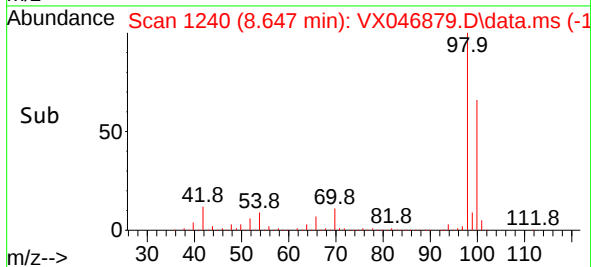
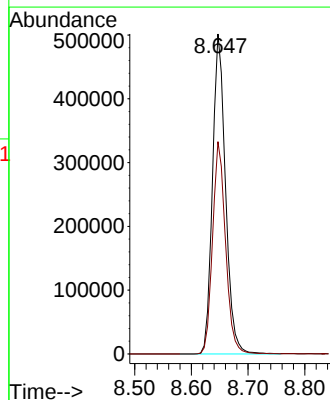
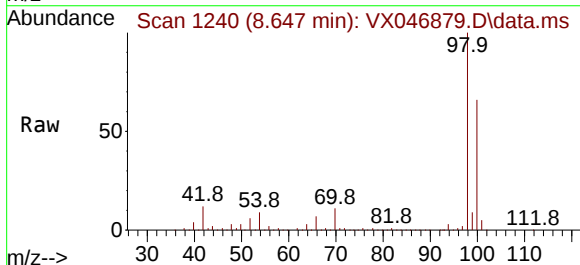
Acq: 03 Jul 2025 12:07

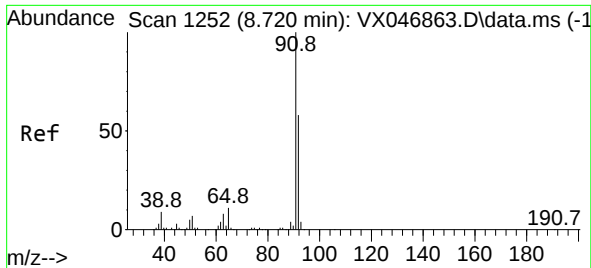
Tgt Ion: 98 Resp: 800768

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6

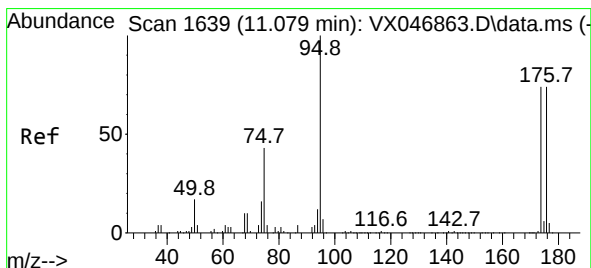
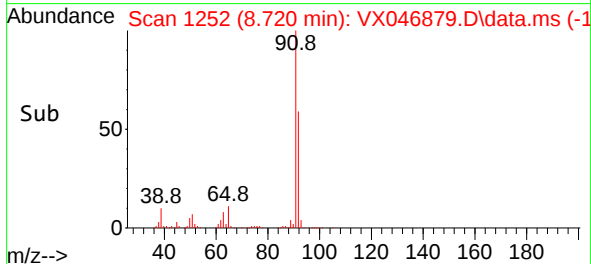
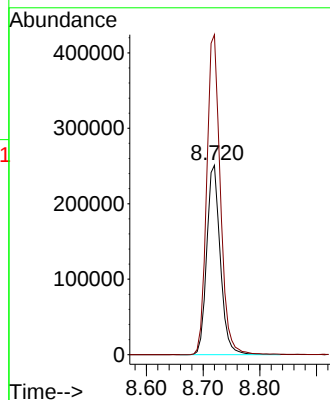
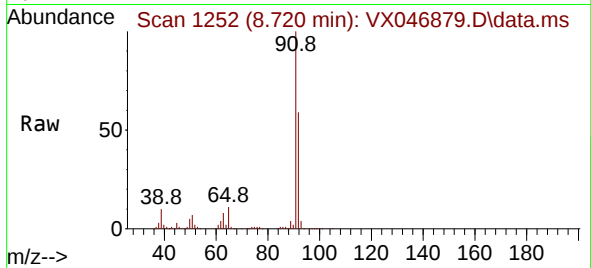




#52
Toluene
Concen: 36.036 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

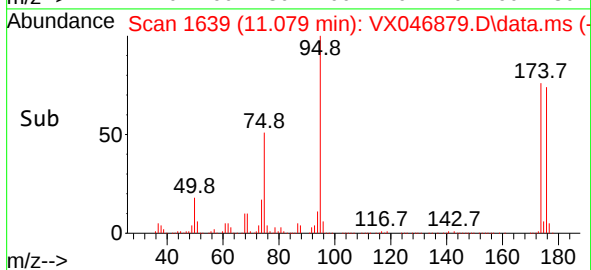
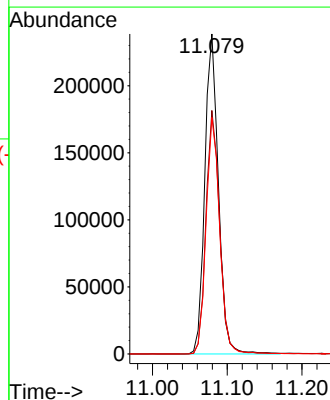
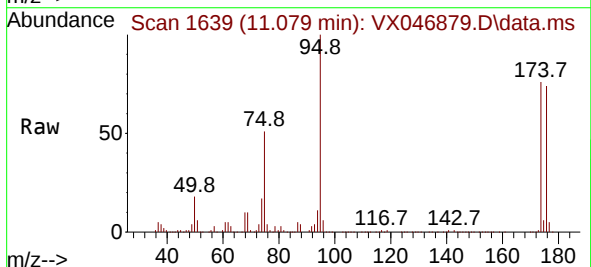
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

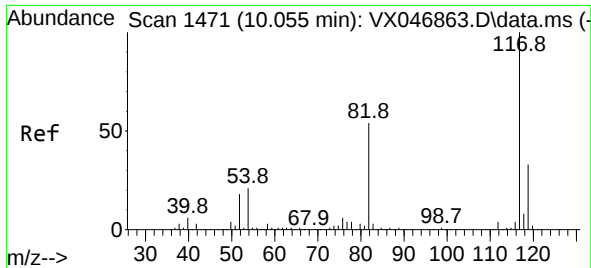
Tgt Ion: 92 Resp: 415725
Ion Ratio Lower Upper
92 100
91 170.0 137.9 206.9



#62
4-Bromofluorobenzene
Concen: 49.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 95 Resp: 301787
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.0
176 74.0 0.0 145.2

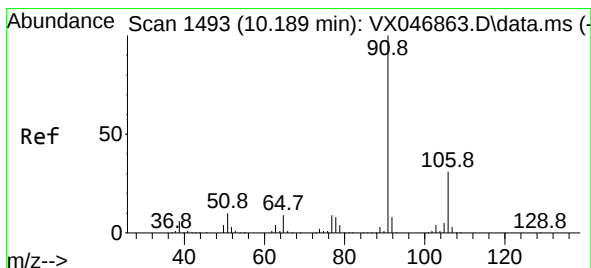
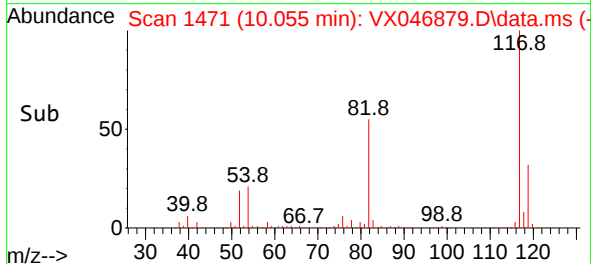
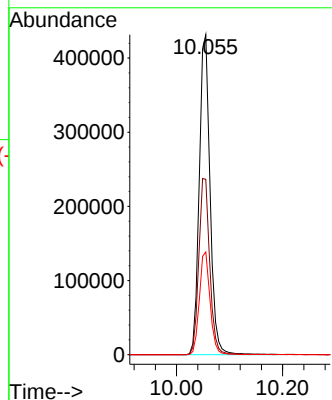
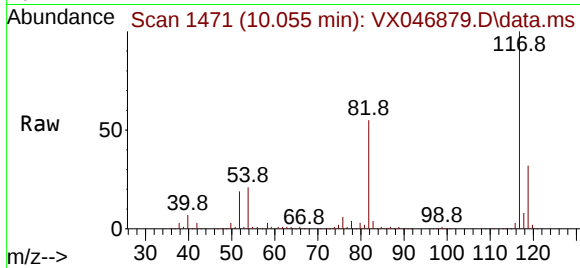




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

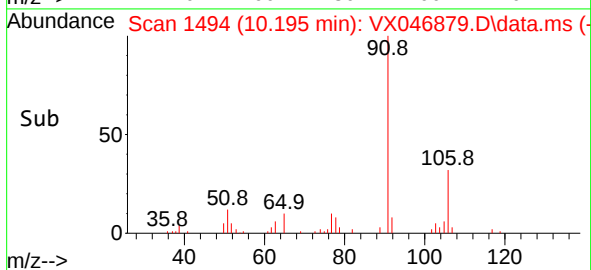
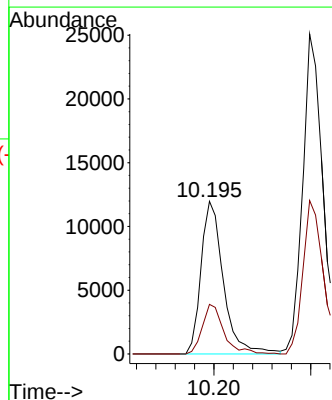
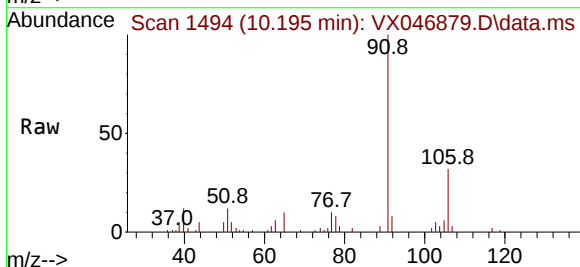
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

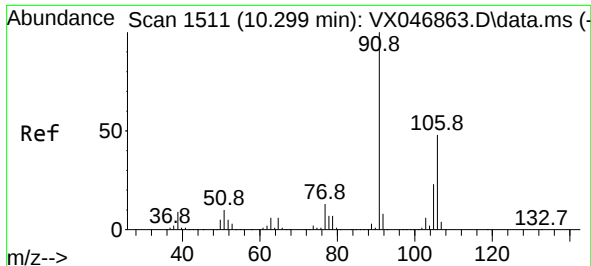
Tgt Ion:117 Resp: 611341
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 32.1 26.4 39.6



#67
Ethyl Benzene
Concen: 0.852 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 91 Resp: 19281
Ion Ratio Lower Upper
91 100
106 32.5 24.4 36.6

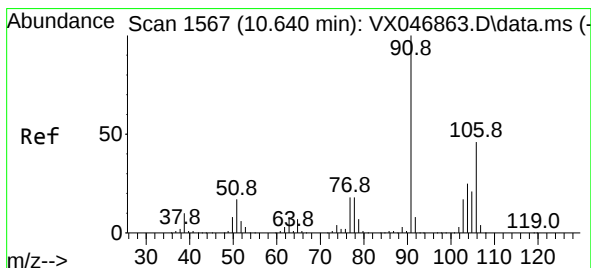
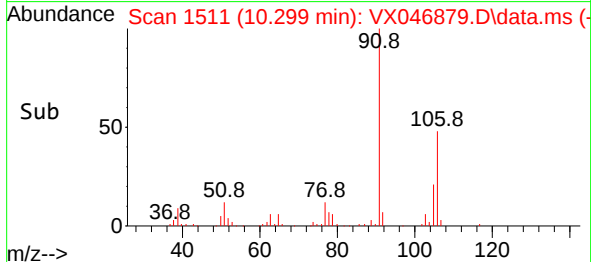
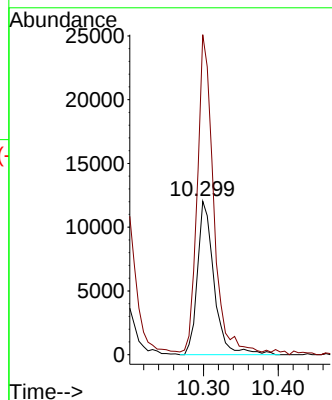
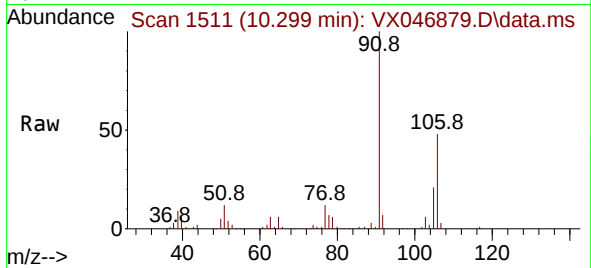




#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

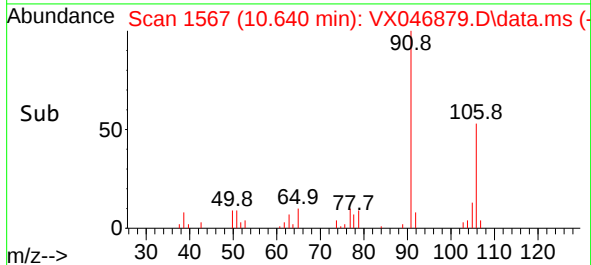
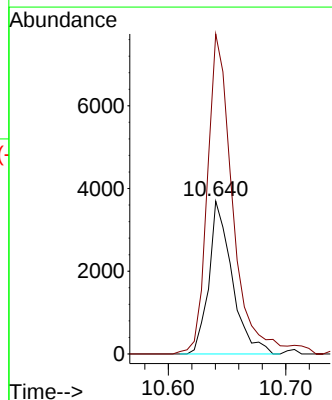
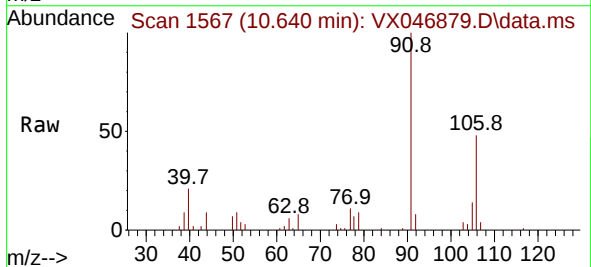
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

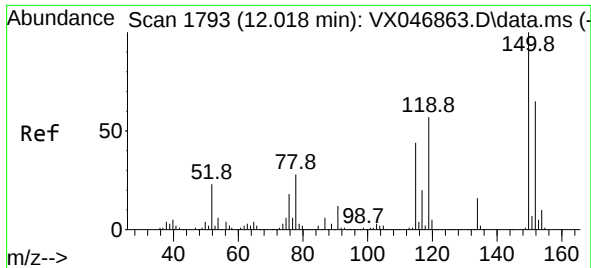
Tgt Ion:106 Resp: 18589
Ion Ratio Lower Upper
106 100
91 199.6 164.6 246.8



#69
o-Xylene
Concen: 0.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

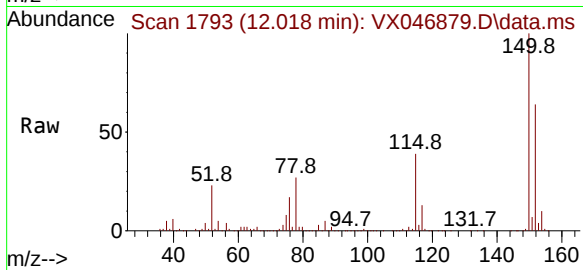
Tgt Ion:106 Resp: 5052
Ion Ratio Lower Upper
106 100
91 230.6 109.5 328.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046879.D
 Acq: 03 Jul 2025 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0100ME



Tgt Ion:152 Resp: 308520
 Ion Ratio Lower Upper
 152 100
 115 60.5 42.4 127.1
 150 157.1 0.0 349.2

