

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046889.D
 Acq On : 03 Jul 2025 15:40
 Operator : JC/MD
 Sample : Q2509-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0110-0111

Quant Time: Jul 07 08:52:35 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)

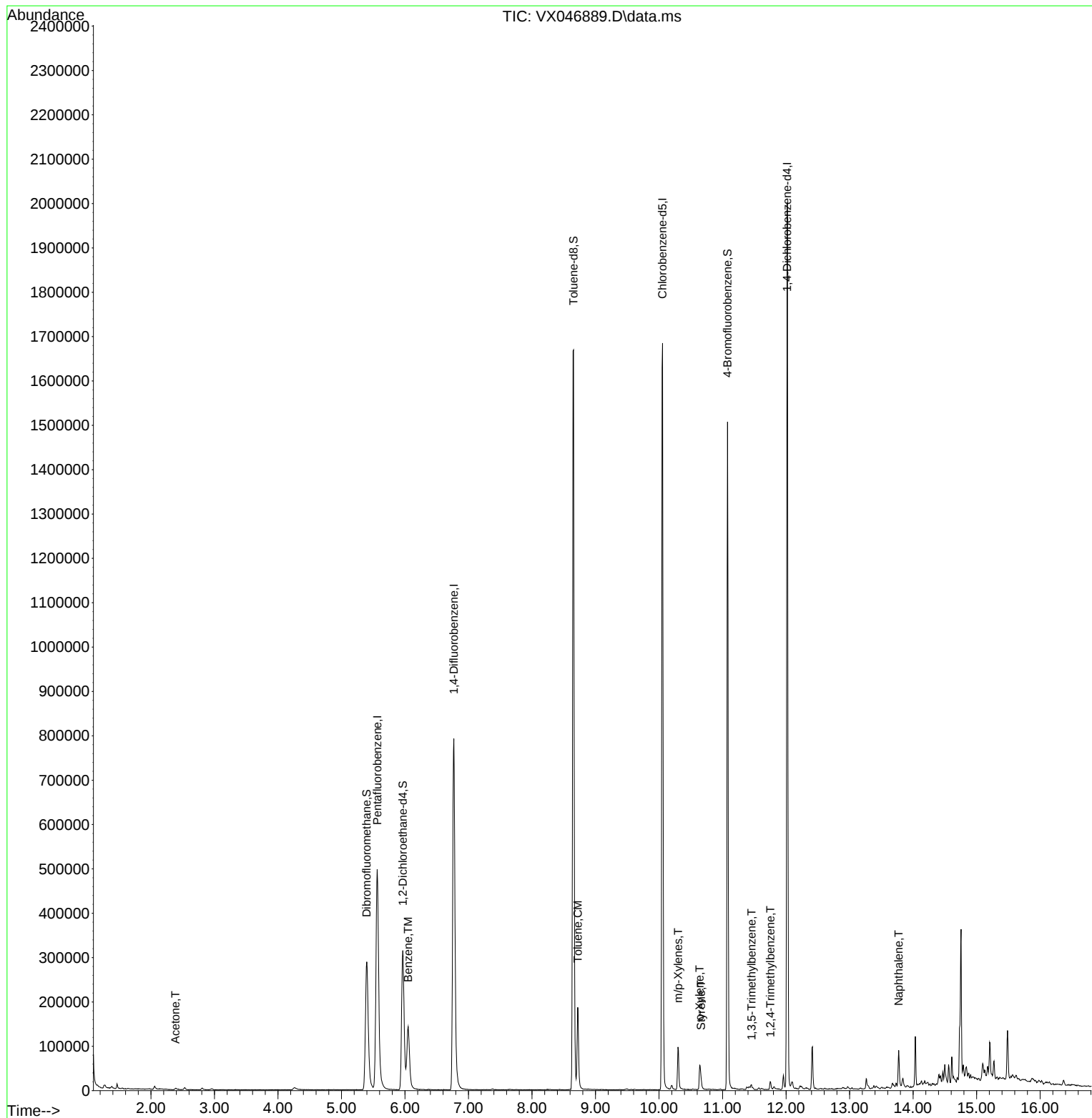
Internal Standards						
1) Pentafluorobenzene	5.562	168	508050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	872022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	792205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	400252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	325882	48.553	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.100%
35) Dibromofluoromethane	5.397	113	277199	46.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.653	98	1039438	49.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	399429	50.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.640%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4524	2.170	ug/l #	77
40) Benzene	6.050	78	181555	7.516	ug/l	100
52) Toluene	8.720	92	72708	4.857	ug/l	100
68) m/p-Xylenes	10.299	106	23619	2.137	ug/l	97
69) o-Xylene	10.640	106	12737	1.193	ug/l	86
70) Styrene	10.659	104	11068	0.606	ug/l #	82
80) 1,3,5-Trimethylbenzene	11.457	105	5419	0.237	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	9429	0.408	ug/l	95
95) Naphthalene	13.774	128	52030	2.288	ug/l	99

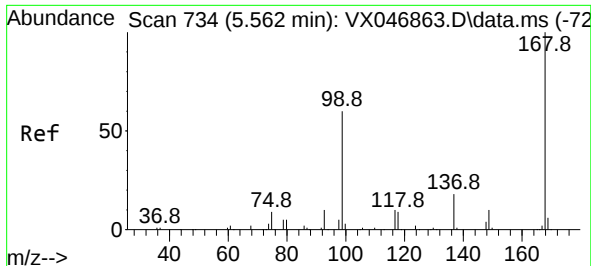
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
AUD-25-0110-0111

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
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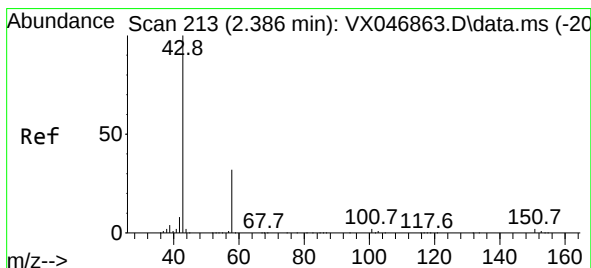
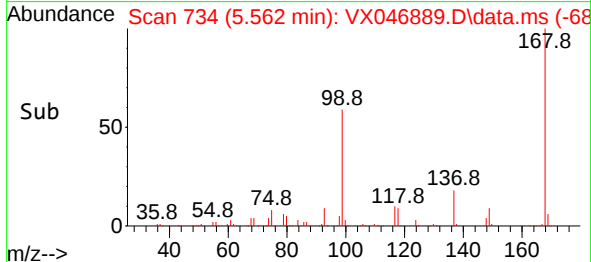
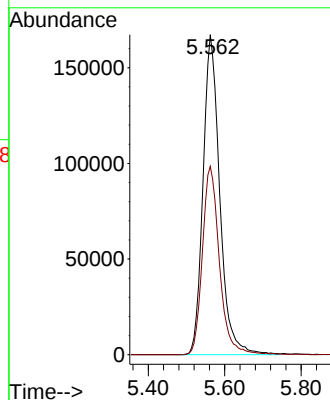
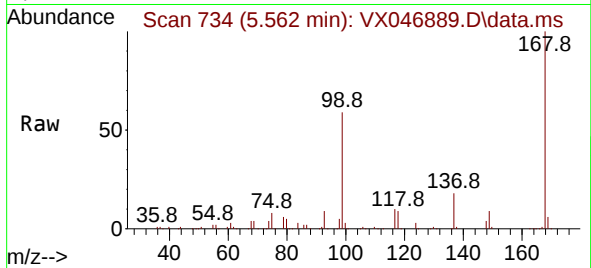




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

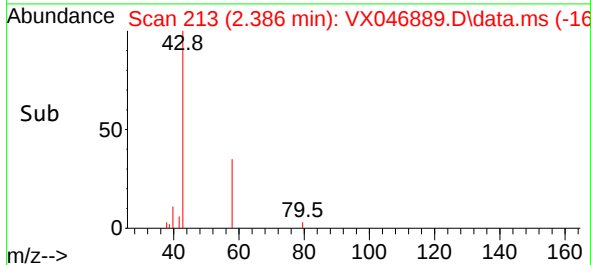
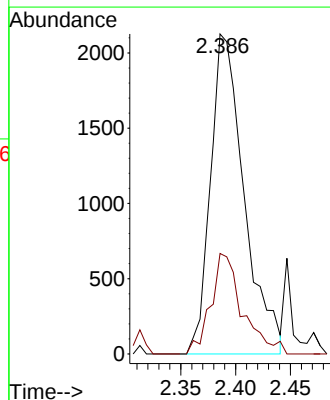
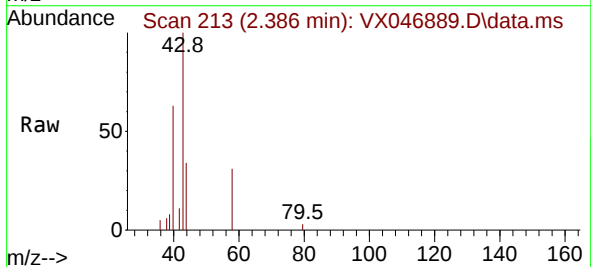
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0110-0111

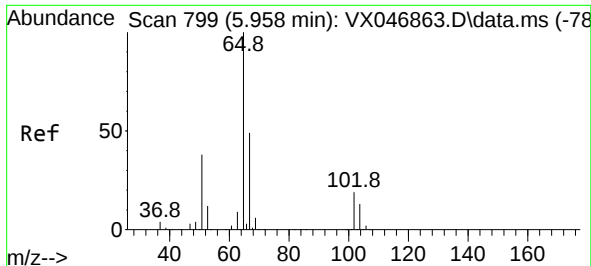
Tgt Ion:168 Resp: 508050
Ion Ratio Lower Upper
168 100
99 58.9 48.8 73.2



#16
Acetone
Concen: 2.170 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
58 44.9 25.8 38.6#





#33

1,2-Dichloroethane-d4

Concen: 48.553 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046889.D

Acq: 03 Jul 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

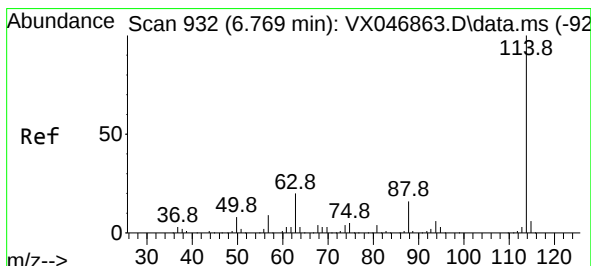
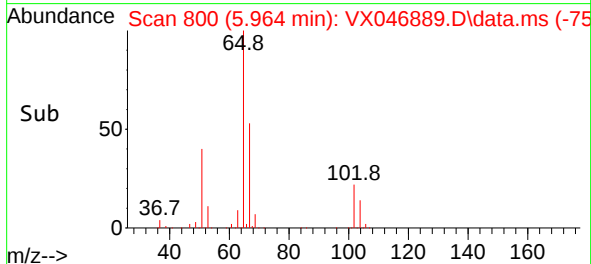
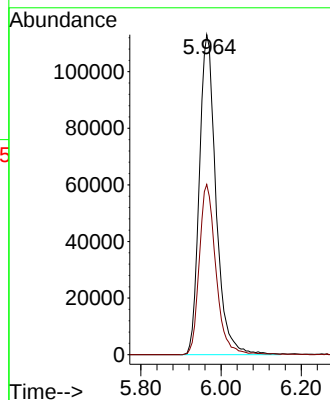
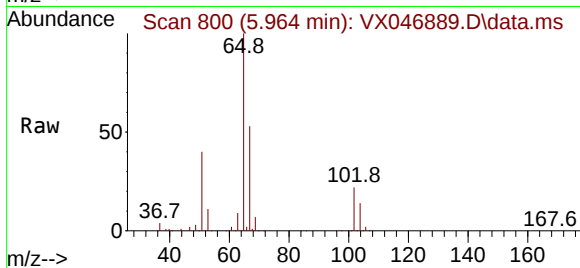
AUD-25-0110-0111

Tgt Ion: 65 Resp: 325882

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046889.D

Acq: 03 Jul 2025 15:40

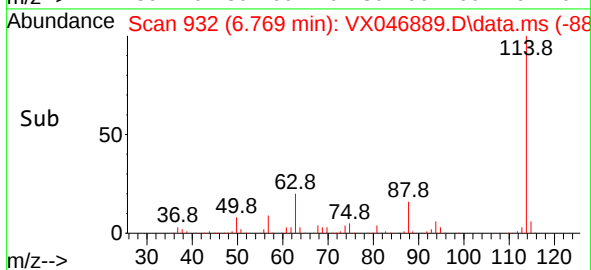
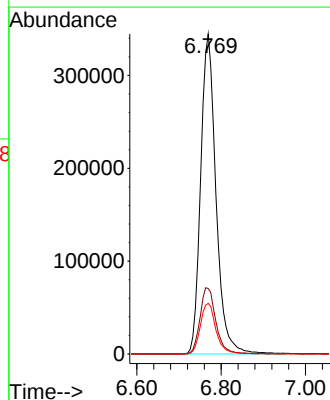
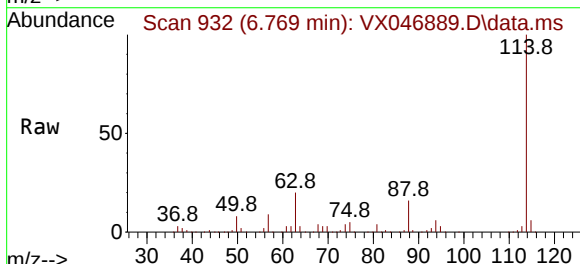
Tgt Ion: 114 Resp: 872022

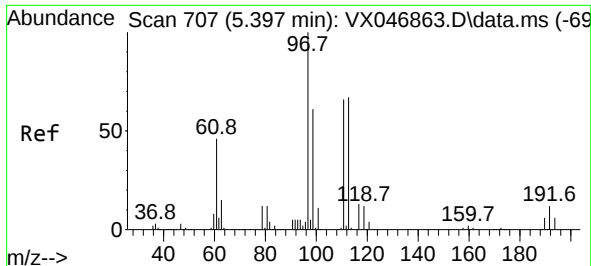
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.4

88 15.8 0.0 31.0

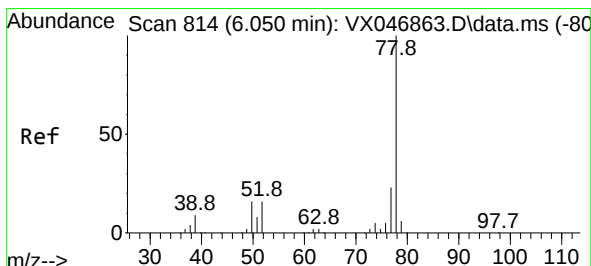
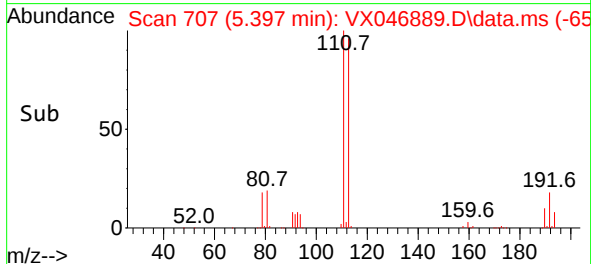
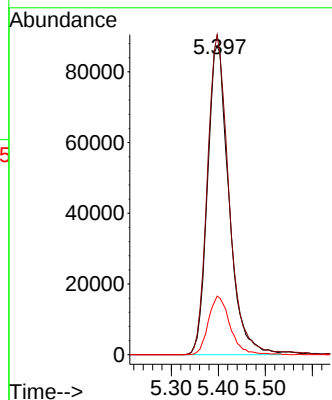
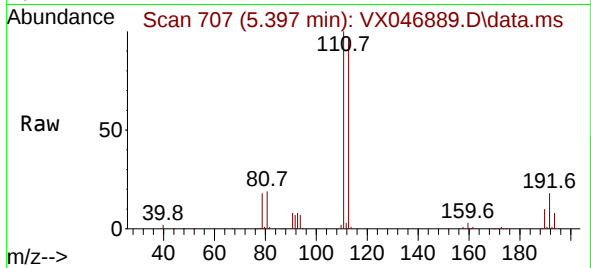




#35
Dibromofluoromethane
Concen: 46.830 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

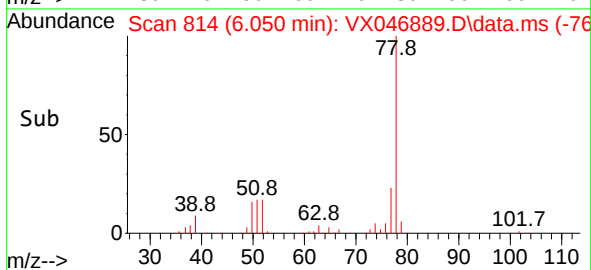
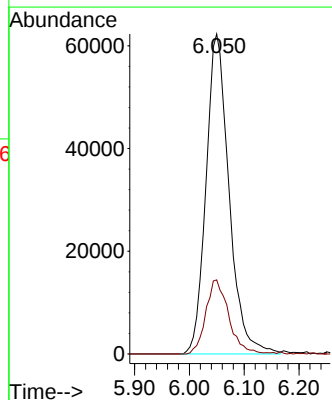
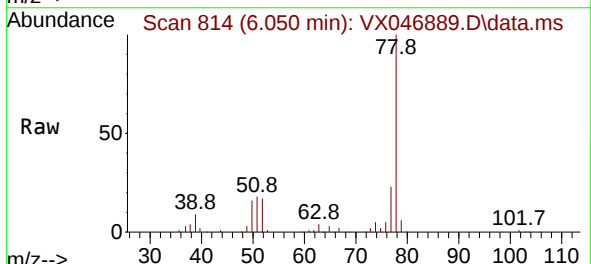
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0110-0111

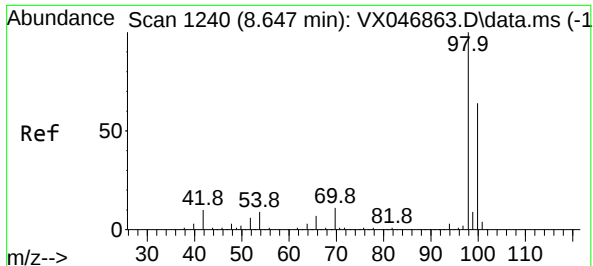
Tgt Ion:113 Resp: 277199
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 19.0 15.3 22.9



#40
Benzene
Concen: 7.516 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion: 78 Resp: 181555
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

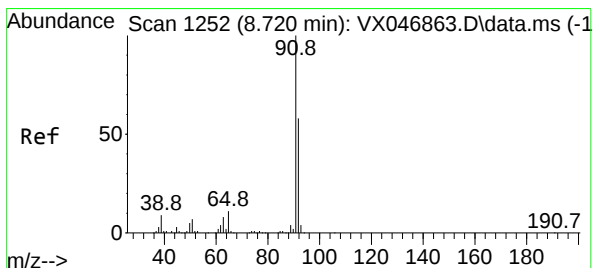
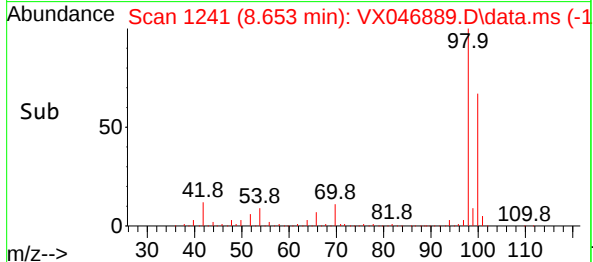
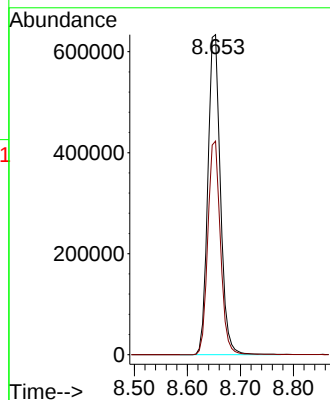
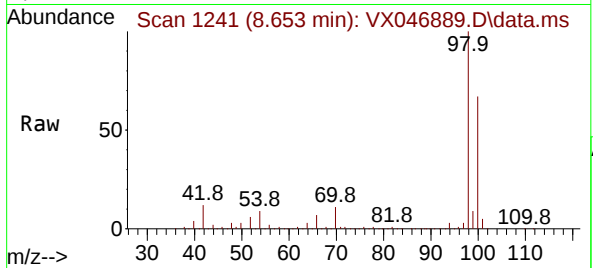




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

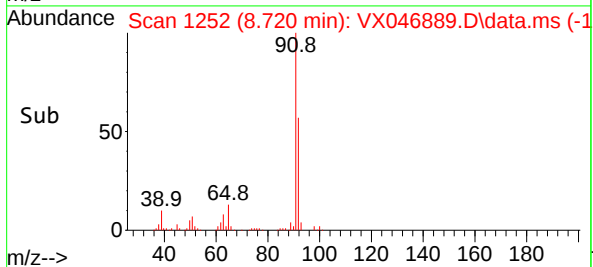
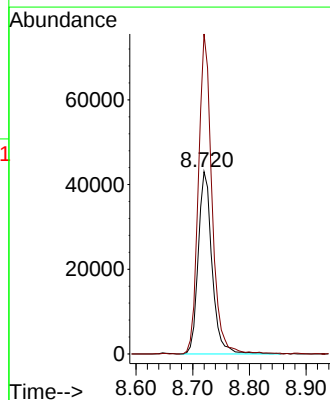
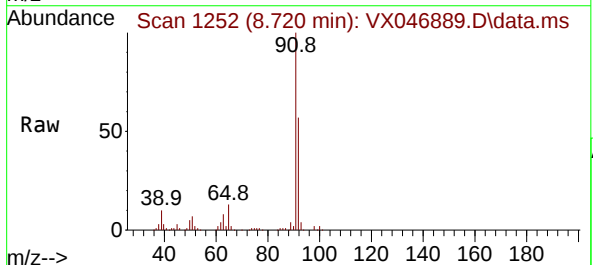
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0110-0111

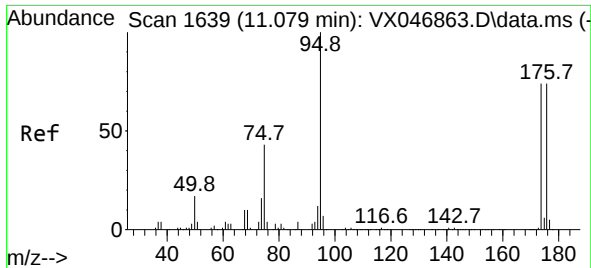
Tgt Ion: 98 Resp: 1039438
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6



#52
Toluene
Concen: 4.857 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion: 92 Resp: 72708
Ion Ratio Lower Upper
92 100
91 172.3 137.9 206.9

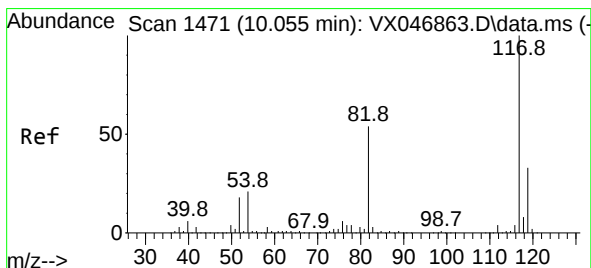
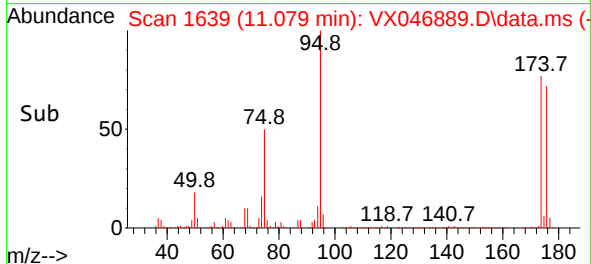
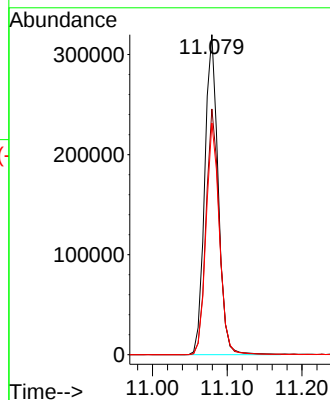
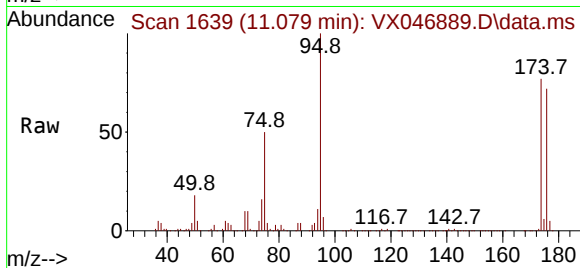




#62
4-Bromofluorobenzene
Concen: 50.323 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

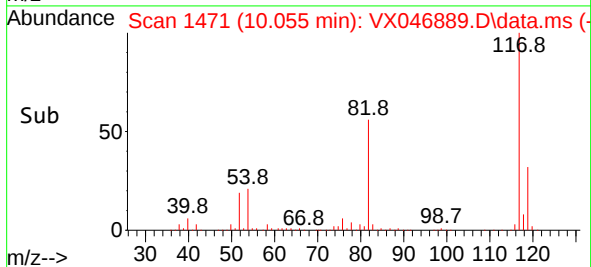
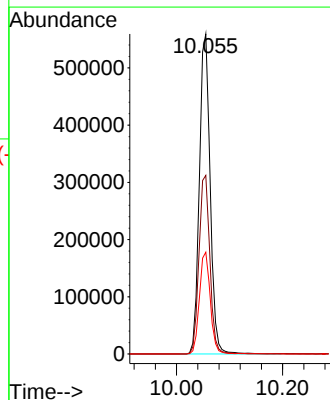
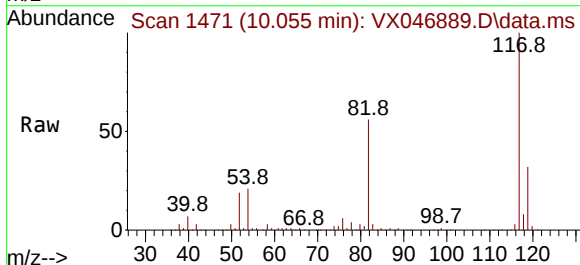
Instrument :
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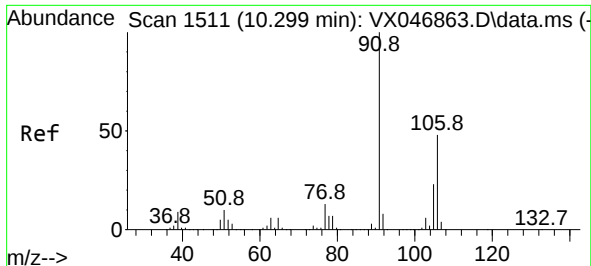
Tgt Ion: 95 Resp: 399429
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.0
176 72.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion: 117 Resp: 792205
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 31.8 26.4 39.6

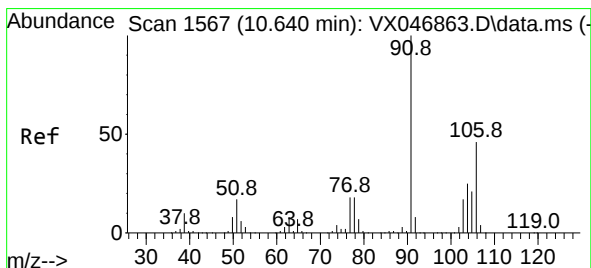
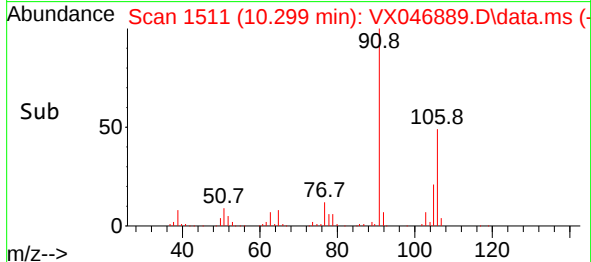
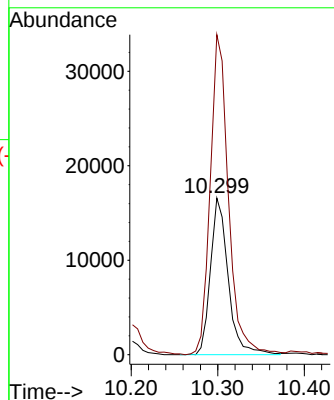
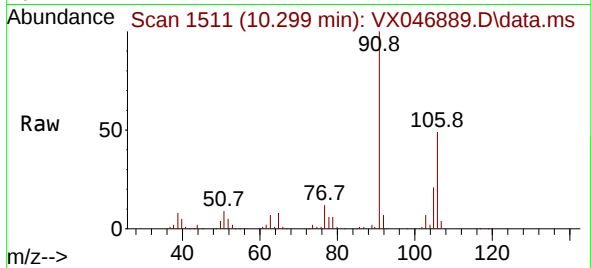




#68
m/p-Xylenes
Concen: 2.137 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

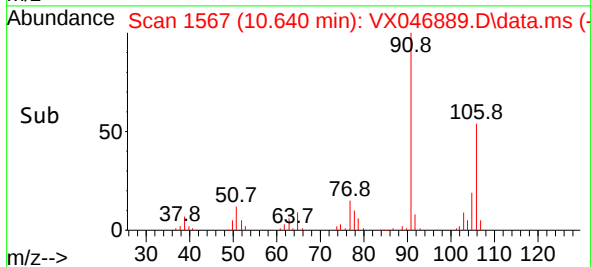
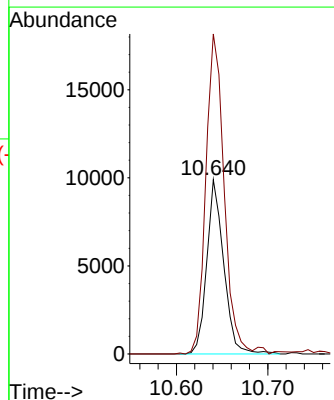
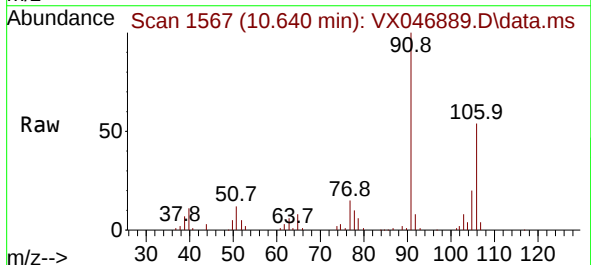
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0110-0111

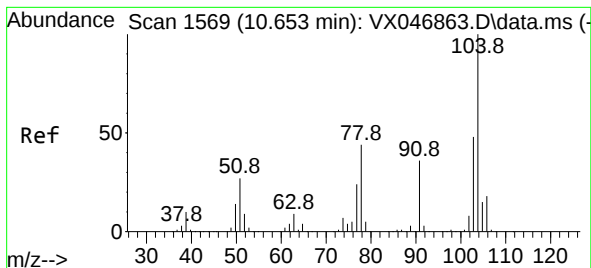
Tgt Ion:106 Resp: 23619
Ion Ratio Lower Upper
106 100
91 210.3 164.6 246.8



#69
o-Xylene
Concen: 1.193 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion:106 Resp: 12737
Ion Ratio Lower Upper
106 100
91 196.2 109.5 328.5





#70

Styrene

Concen: 0.606 ug/l

RT: 10.659 min Scan# 11068

Delta R.T. 0.006 min

Lab File: VX046889.D

Acq: 03 Jul 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0110-0111

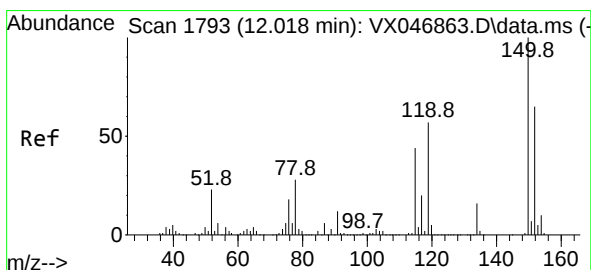
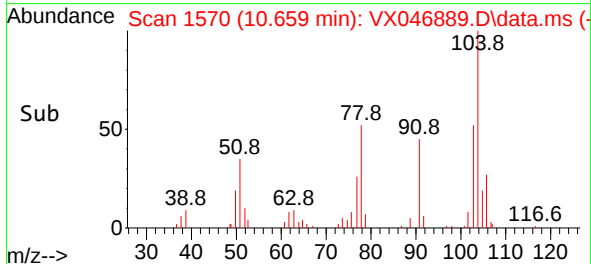
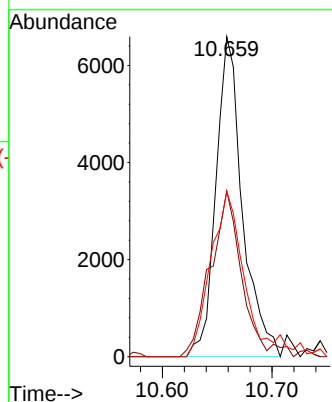
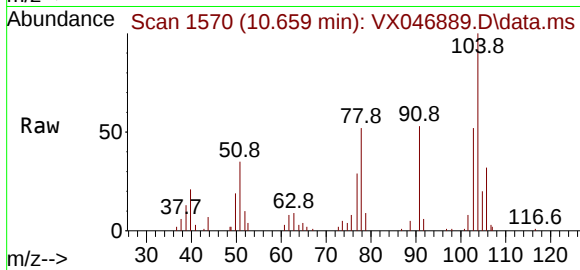
Tgt Ion:104 Resp: 11068

Ion Ratio Lower Upper

104 100

78 61.4 40.3 60.5#

103 67.9 42.8 64.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046889.D

Acq: 03 Jul 2025 15:40

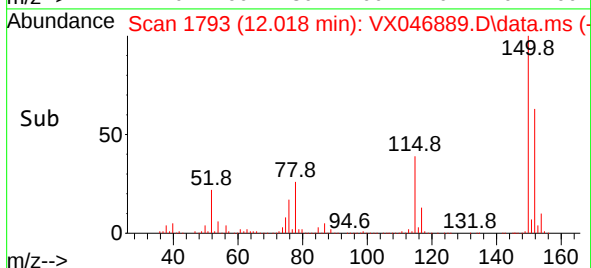
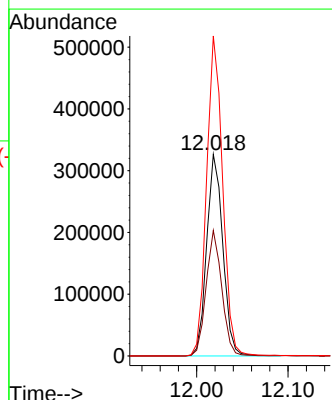
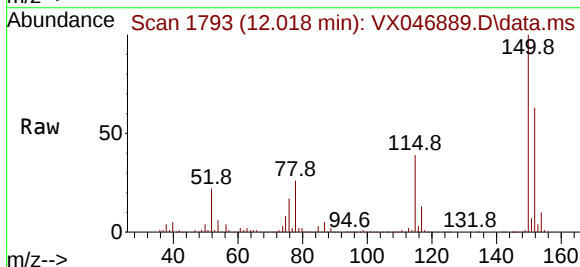
Tgt Ion:152 Resp: 400252

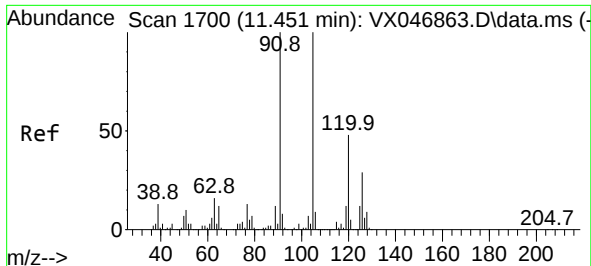
Ion Ratio Lower Upper

152 100

115 60.4 42.4 127.1

150 157.5 0.0 349.2

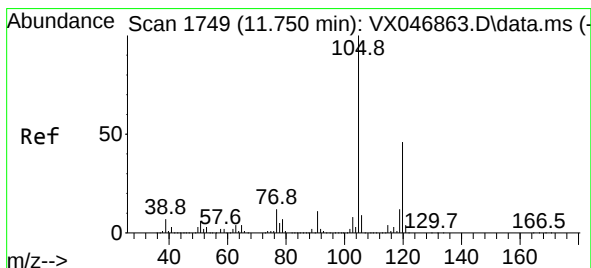
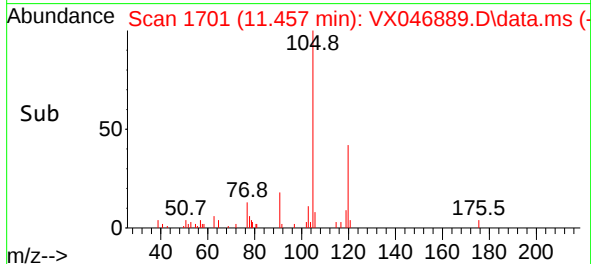
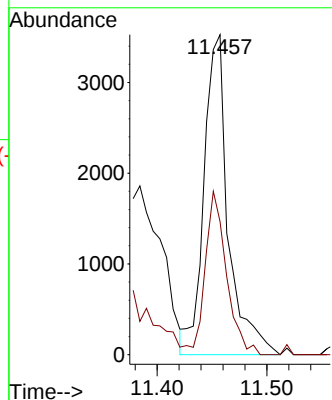
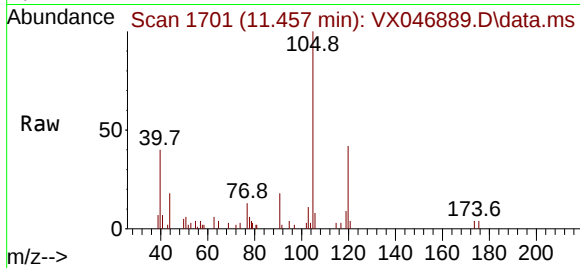




#80
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

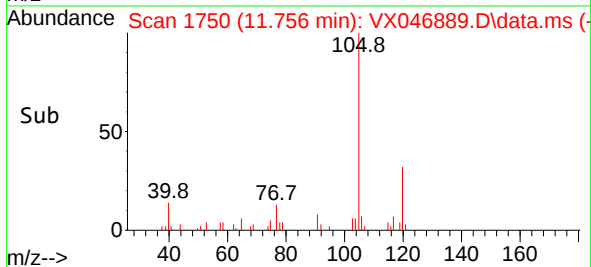
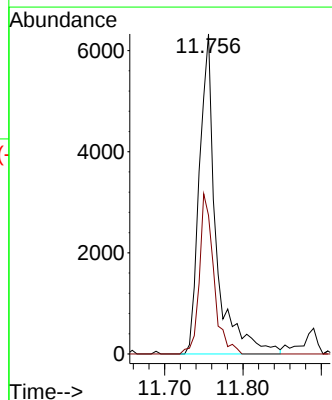
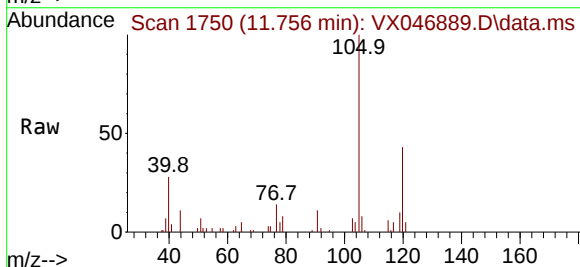
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0110-0111

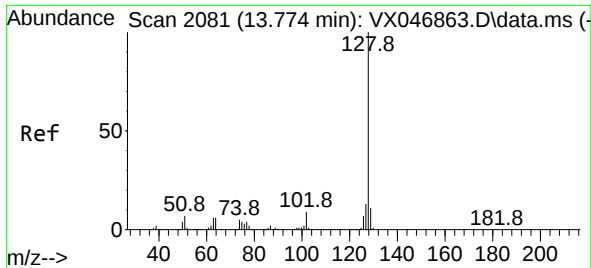
Tgt Ion:105 Resp: 5419
Ion Ratio Lower Upper
105 100
120 43.8 24.1 72.4



#84
1,2,4-Trimethylbenzene
Concen: 0.408 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046889.D
Acq: 03 Jul 2025 15:40

Tgt Ion:105 Resp: 9429
Ion Ratio Lower Upper
105 100
120 42.9 23.3 69.8





#95

Naphthalene

Concen: 2.288 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046889.D

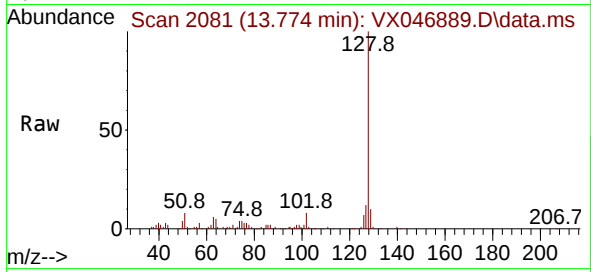
Acq: 03 Jul 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0110-0111



Tgt Ion:128 Resp: 52030

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.4 8.6 13.0

