

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047087.D
 Acq On : 23 Jul 2025 13:46
 Operator : JC/MD
 Sample : Q2672-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0128

Quant Time: Jul 24 05:49:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

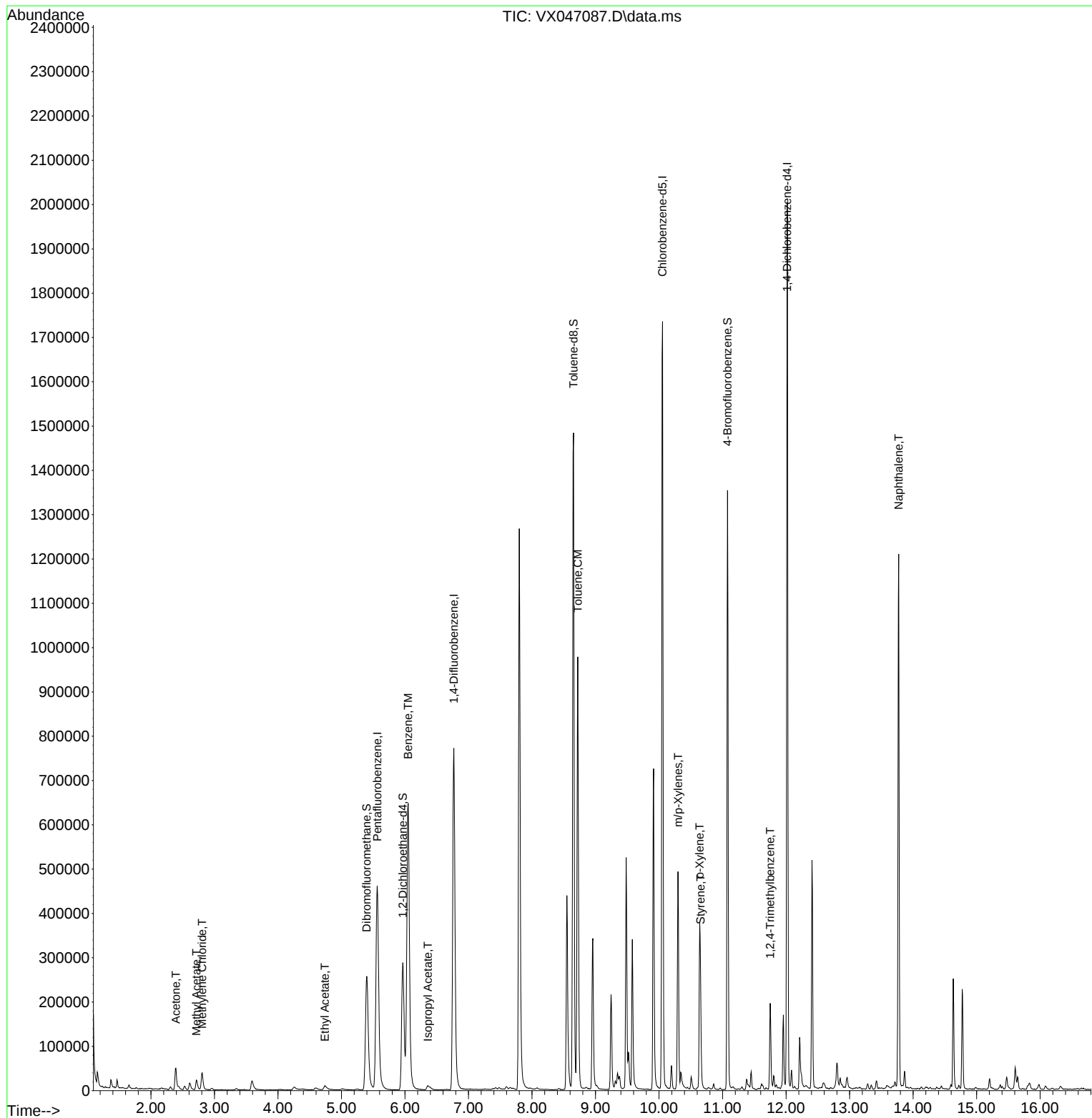
Internal Standards						
1) Pentafluorobenzene	5.562	168	458386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	824258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	767887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	387738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	301802	52.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.397	113	246042	48.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.700%			
50) Toluene-d8	8.653	98	886240	53.772	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.540%			
62) 4-Bromofluorobenzene	11.079	95	364476	51.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.640%			
Target Compounds						Qvalue
16) Acetone	2.392	43	63003	27.543	ug/l	98
18) Methyl Acetate	2.715	43	30206	4.969	ug/l	100
20) Methylene Chloride	2.806	84	18948	3.011	ug/l	94
37) Ethyl Acetate	4.739	43	19255	2.409	ug/l	97
40) Benzene	6.050	78	820322	32.675	ug/l	99
43) Isopropyl Acetate	6.361	43	13470	1.081	ug/l #	89
52) Toluene	8.720	92	360973	23.384	ug/l	99
68) m/p-Xylenes	10.299	106	109542	9.307	ug/l	99
69) o-Xylene	10.640	106	55500	4.957	ug/l	99
70) Styrene	10.653	104	63185	3.291	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	69373	2.752	ug/l	67
95) Naphthalene	13.774	128	724972	28.091	ug/l	100

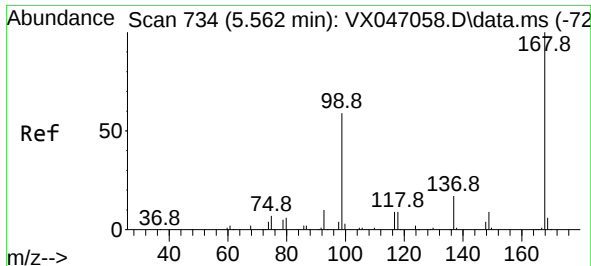
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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AUD-25-0128

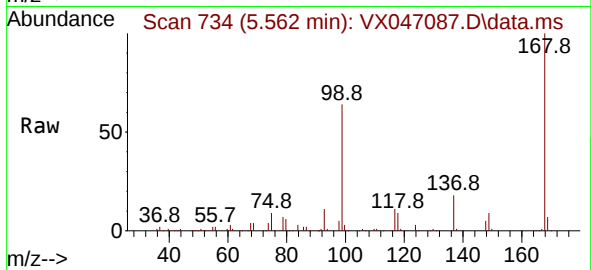
Quant Time: Jul 24 05:49:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



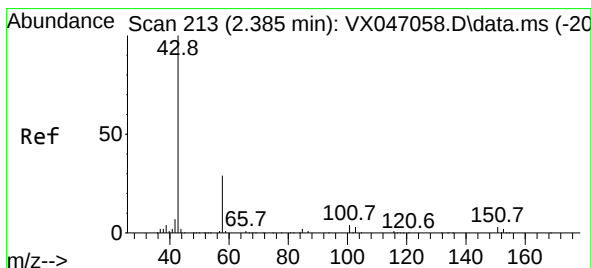
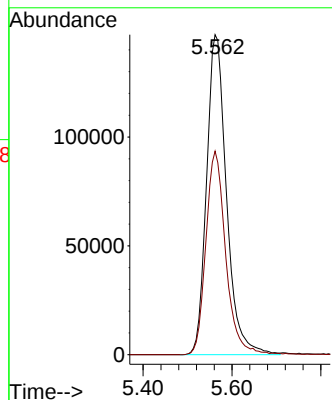
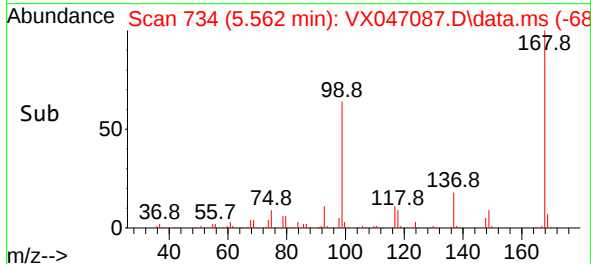


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

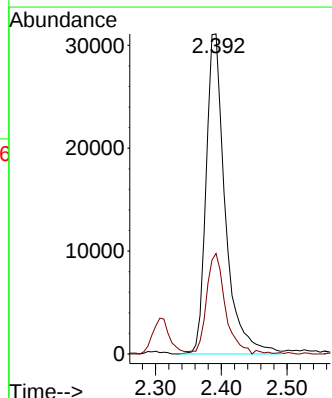
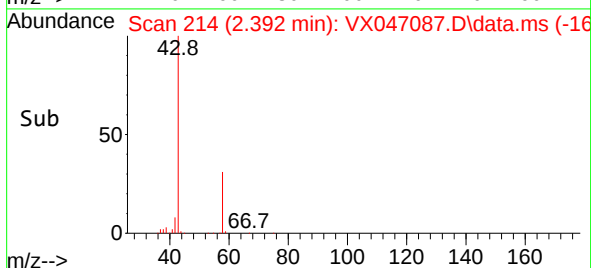
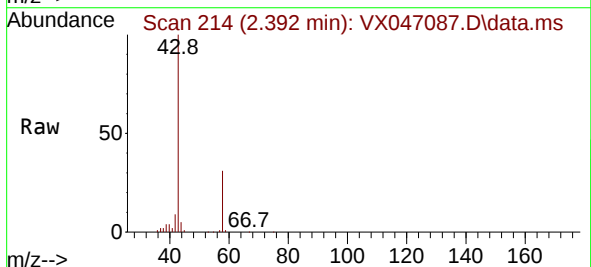


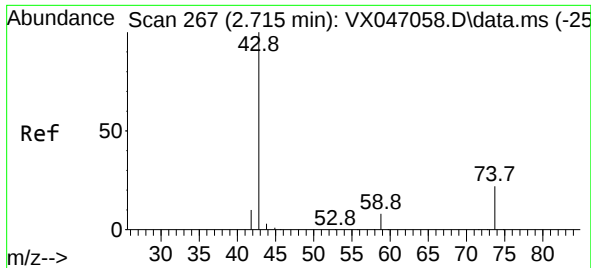
Tgt Ion:168 Resp: 458386
Ion Ratio Lower Upper
168 100
99 63.6 48.0 72.0



#16
Acetone
Concen: 27.543 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion: 43 Resp: 63003
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0

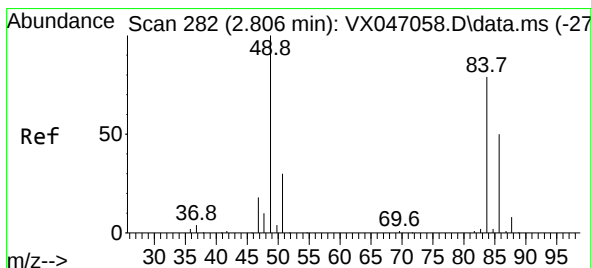
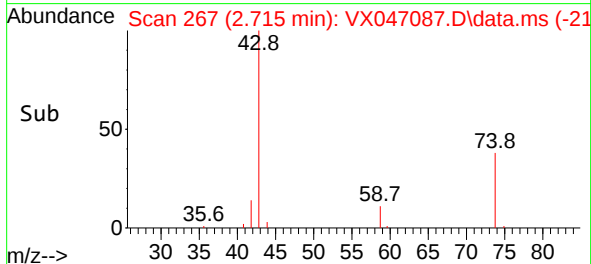
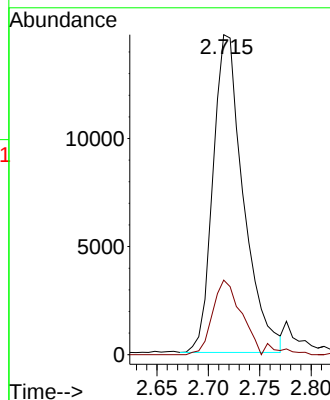
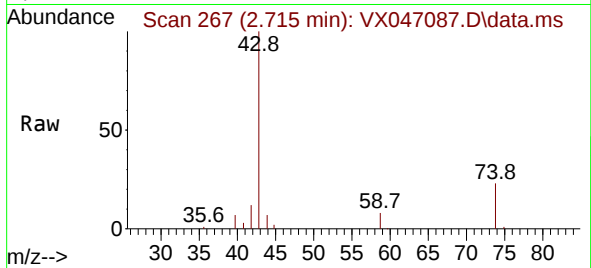




#18
Methyl Acetate
Concen: 4.969 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

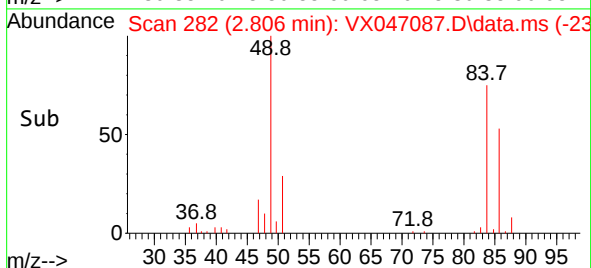
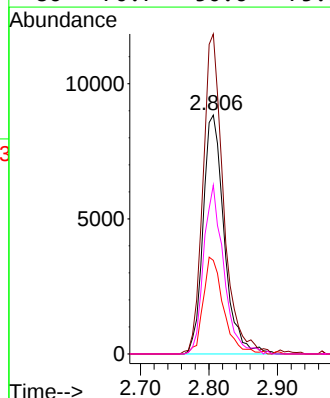
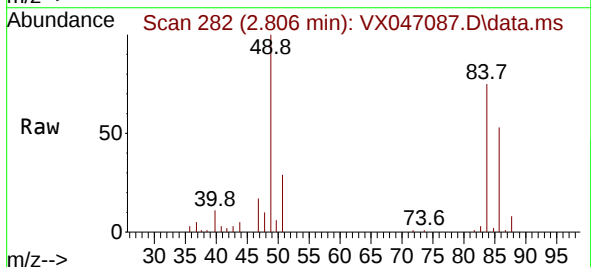
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

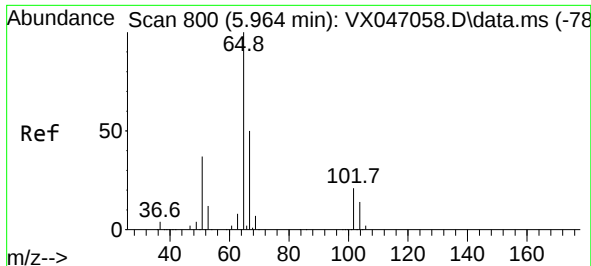
Tgt Ion: 43 Resp: 30206
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 3.011 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion: 84 Resp: 18948
Ion Ratio Lower Upper
84 100
49 133.9 101.6 152.4
51 39.2 30.3 45.5
86 70.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

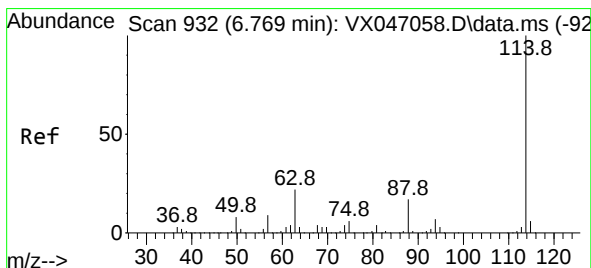
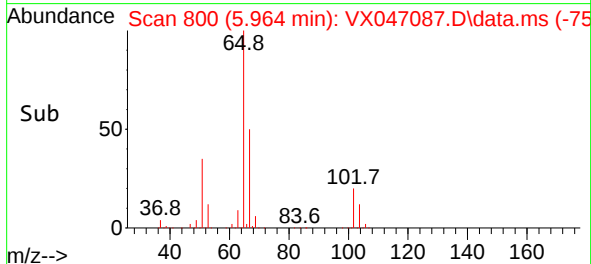
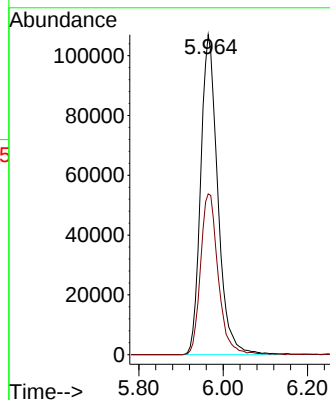
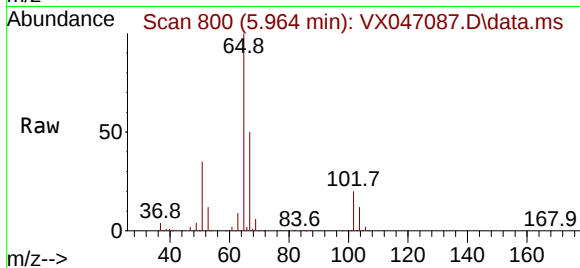
AUD-25-0128

Tgt Ion: 65 Resp: 301802

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

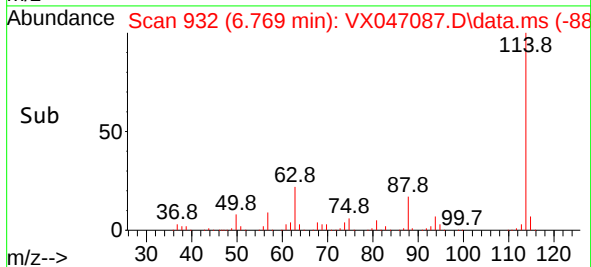
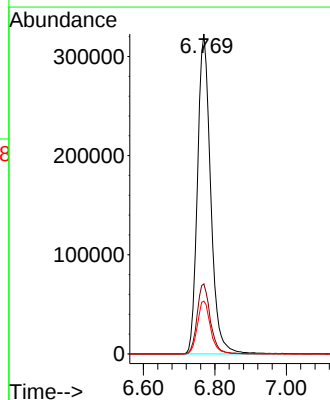
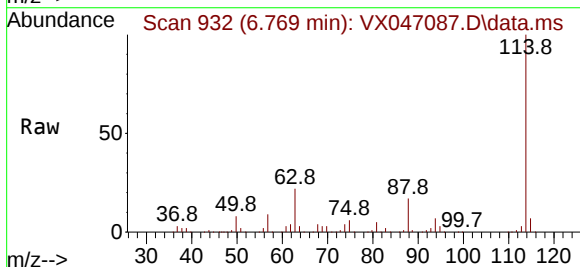
Tgt Ion: 114 Resp: 824258

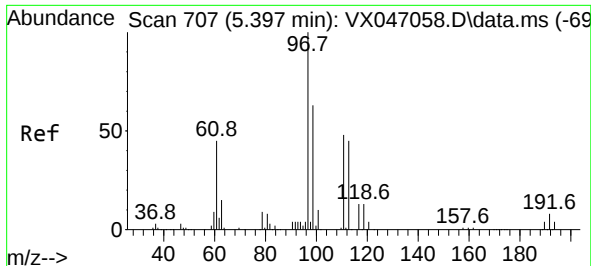
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 16.5 0.0 33.8

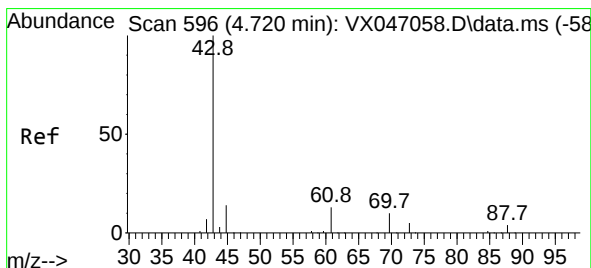
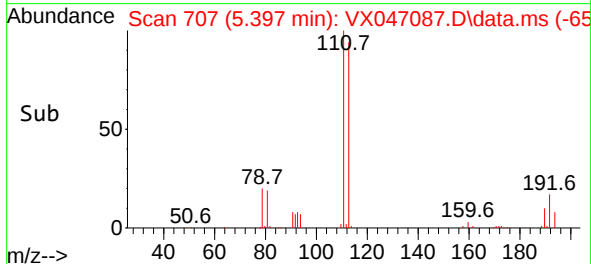
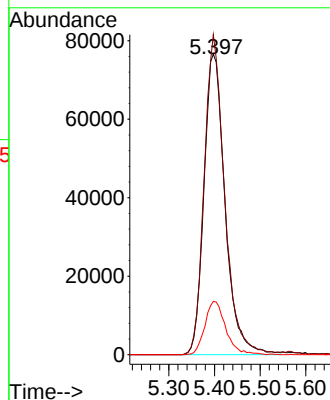
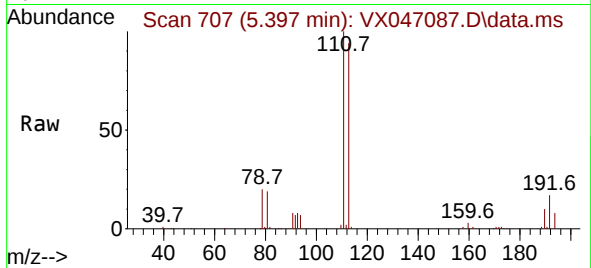




#35
Dibromofluoromethane
Concen: 48.346 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

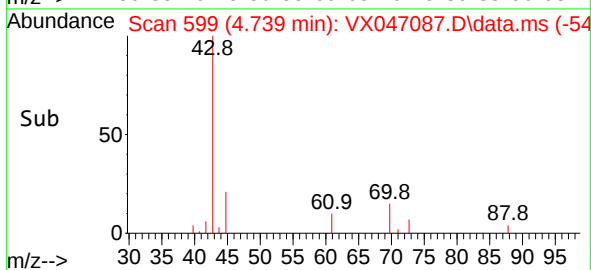
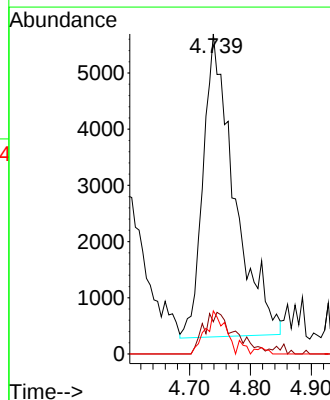
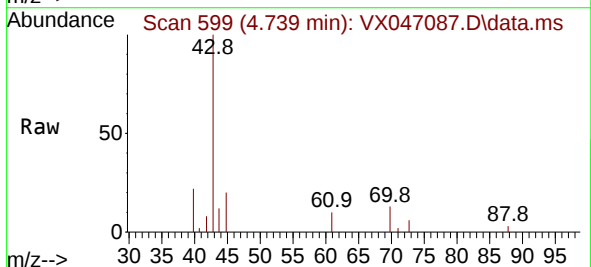
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

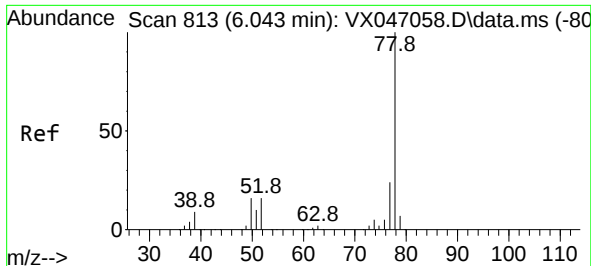
Tgt Ion:113 Resp: 246042
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.5 14.9 22.3



#37
Ethyl Acetate
Concen: 2.409 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.019 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion: 43 Resp: 19255
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.2
70 8.7 8.1 12.1





#40

Benzene

Concen: 32.675 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

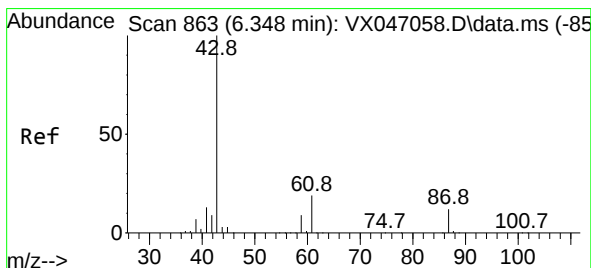
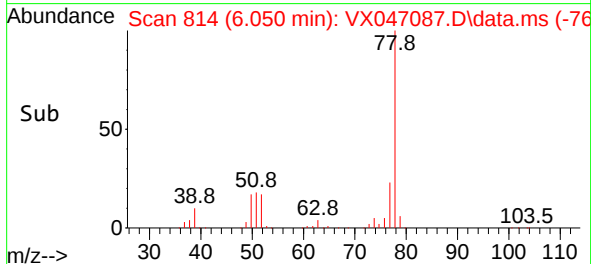
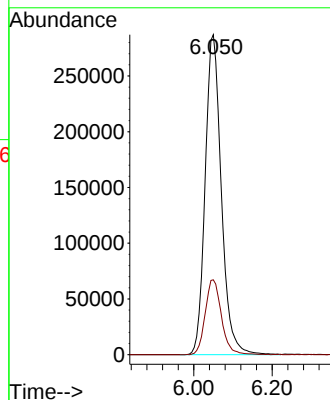
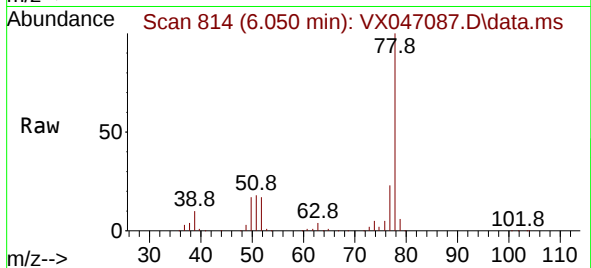
AUD-25-0128

Tgt Ion: 78 Resp: 820322

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



#43

Isopropyl Acetate

Concen: 1.081 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.013 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

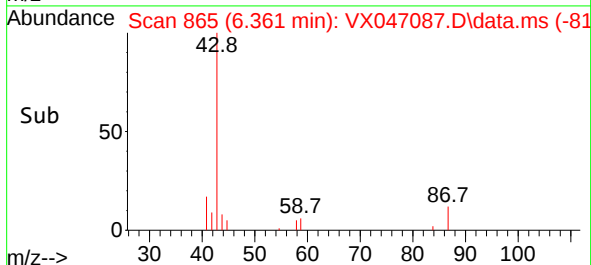
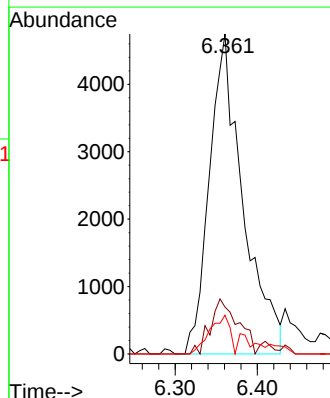
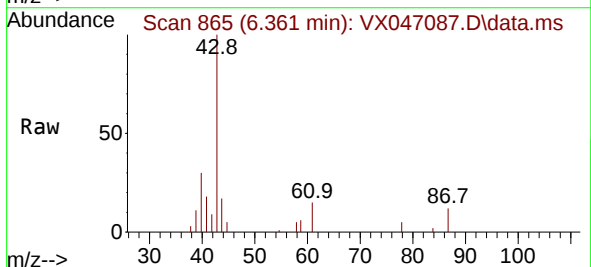
Tgt Ion: 43 Resp: 13470

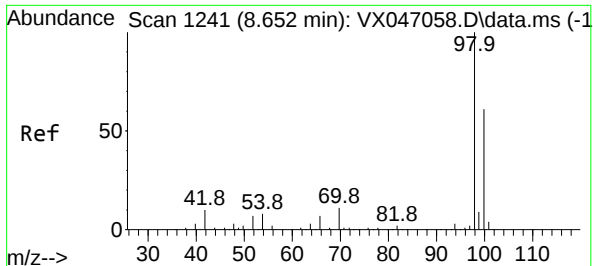
Ion Ratio Lower Upper

43 100

61 14.6 15.1 22.7#

87 7.2 9.7 14.5#

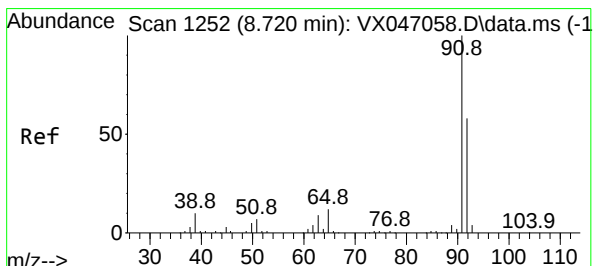
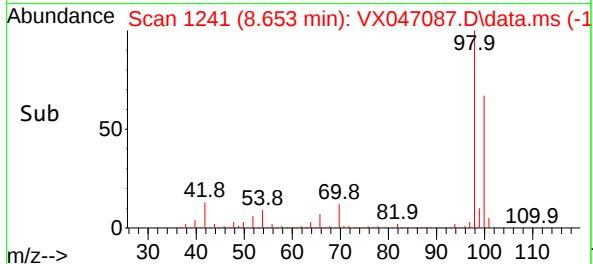
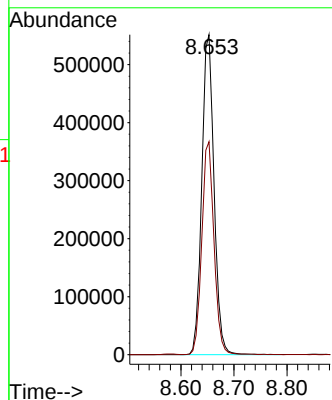
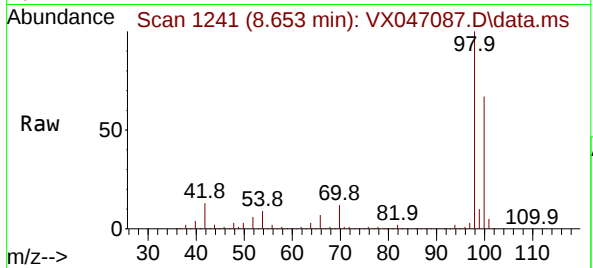




#50
Toluene-d8
Concen: 53.772 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

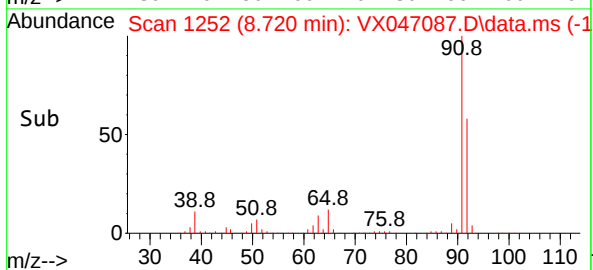
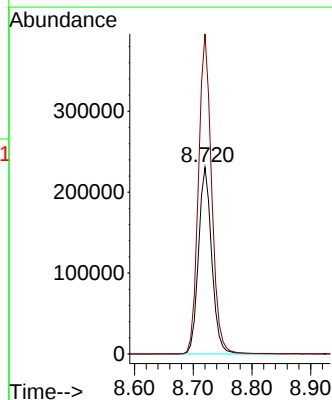
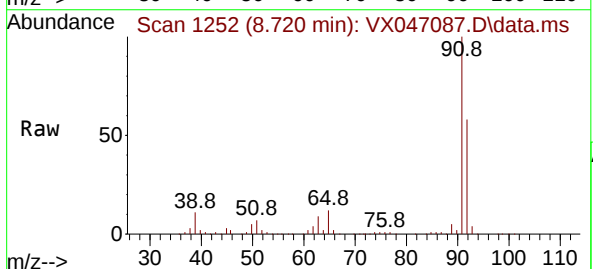
Instrument :
MSVOA_X
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AUD-25-0128

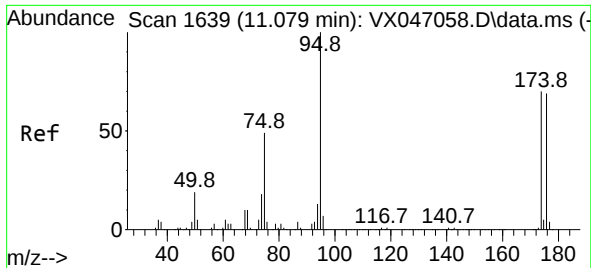
Tgt Ion: 98 Resp: 886240
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#52
Toluene
Concen: 23.384 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion: 92 Resp: 360973
Ion Ratio Lower Upper
92 100
91 170.6 137.9 206.9

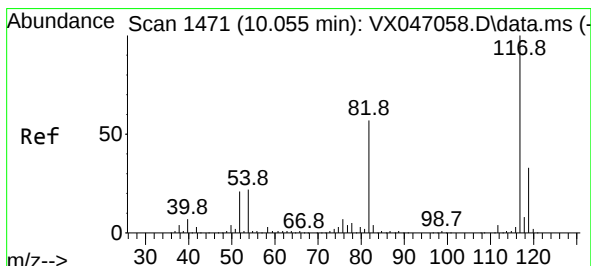
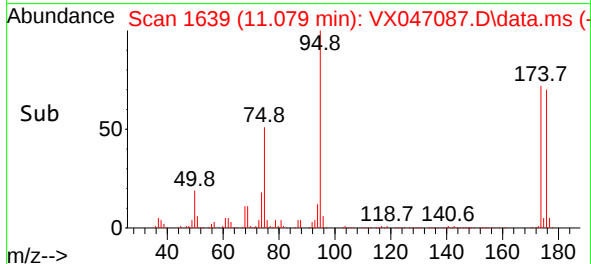
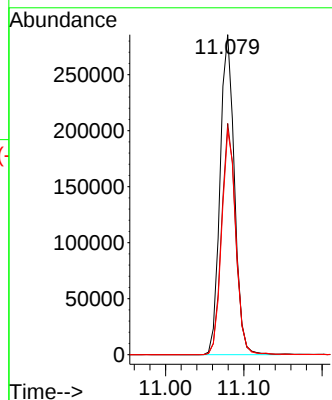
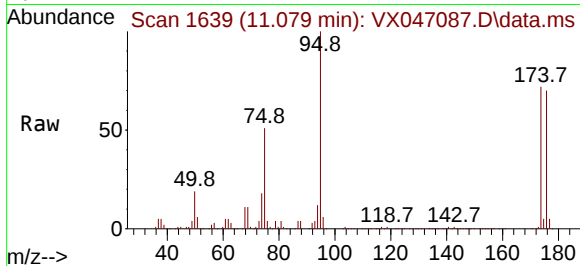




#62
4-Bromofluorobenzene
Concen: 51.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

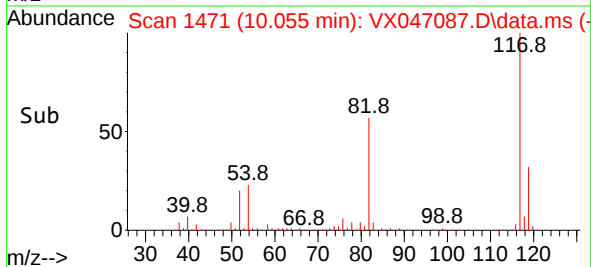
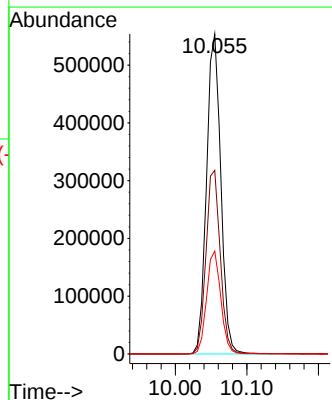
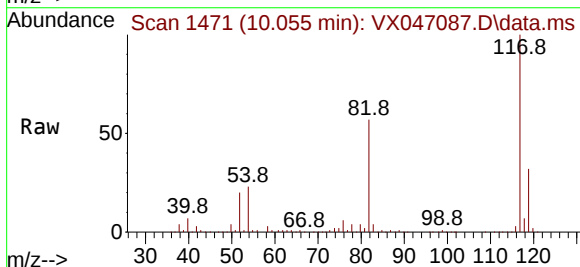
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

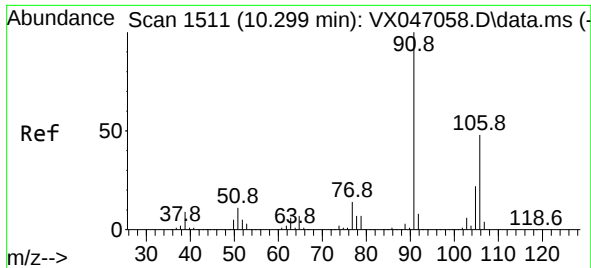
Tgt Ion: 95 Resp: 364476
Ion Ratio Lower Upper
95 100
174 71.0 0.0 144.6
176 69.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion: 117 Resp: 767887
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.2 26.1 39.1

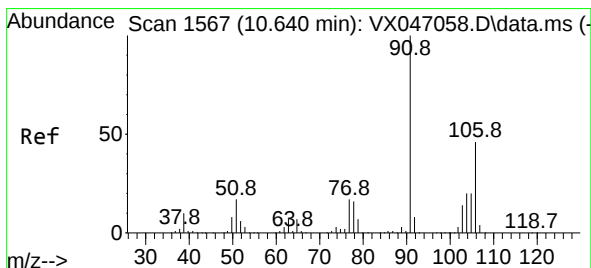
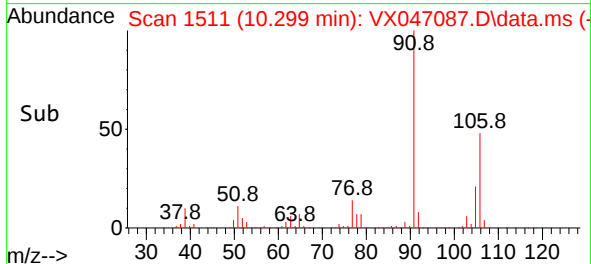
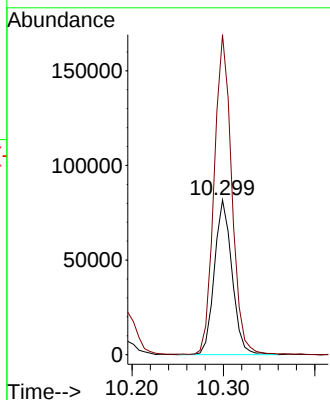
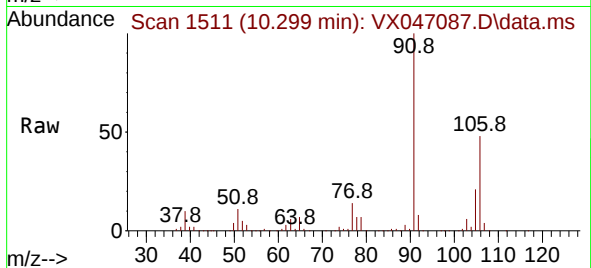




#68
m/p-Xylenes
Concen: 9.307 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

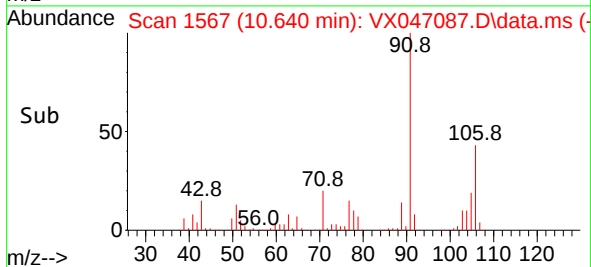
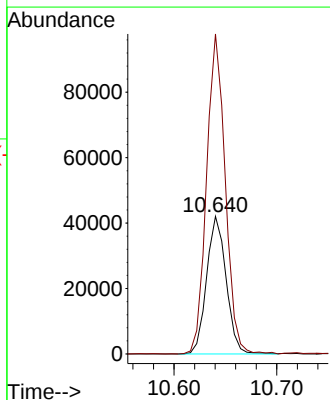
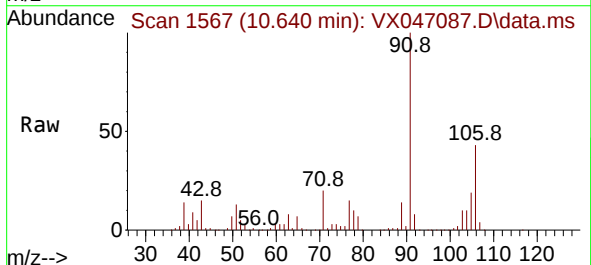
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

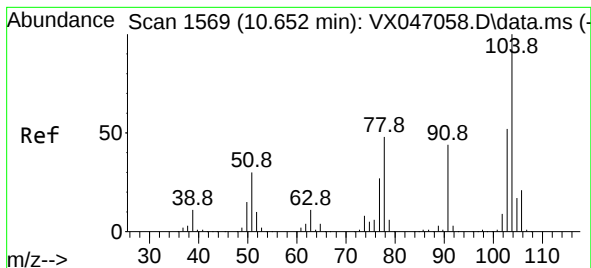
Tgt Ion:106 Resp: 109542
Ion Ratio Lower Upper
106 100
91 207.4 167.4 251.0



#69
o-Xylene
Concen: 4.957 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion:106 Resp: 55500
Ion Ratio Lower Upper
106 100
91 222.9 110.3 331.0





#70

Styrene

Concen: 3.291 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

AUD-25-0128

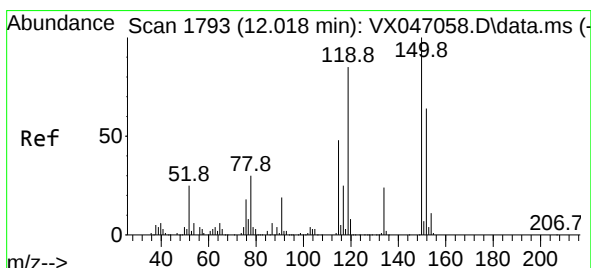
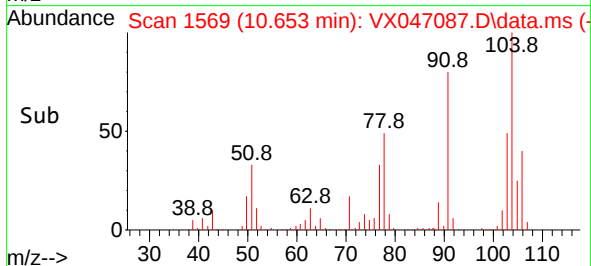
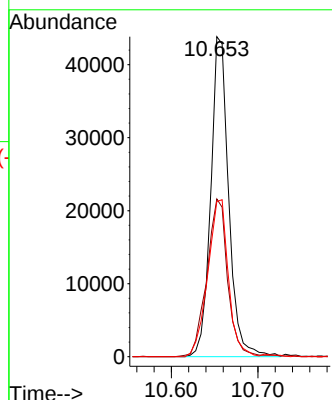
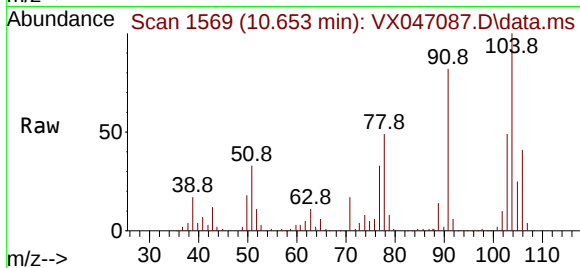
Tgt Ion:104 Resp: 63185

Ion Ratio Lower Upper

104 100

78 57.5 42.0 63.0

103 56.3 43.8 65.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047087.D

Acq: 23 Jul 2025 13:46

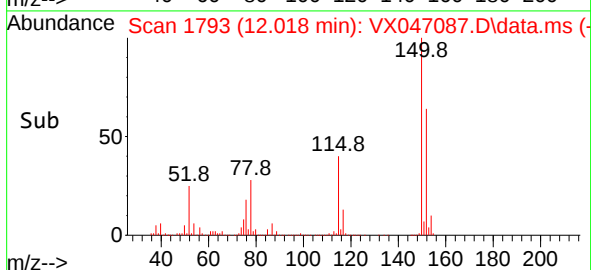
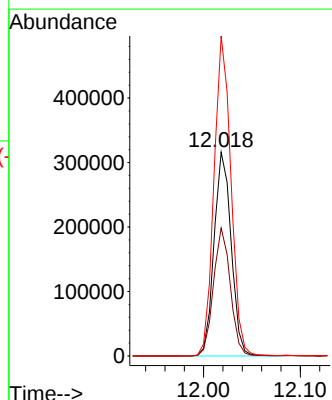
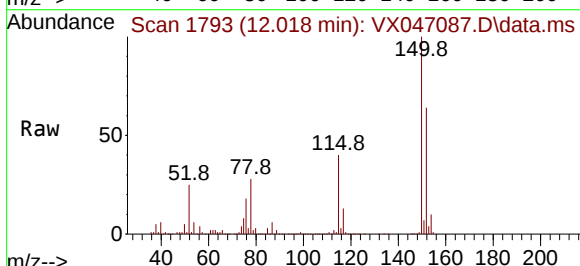
Tgt Ion:152 Resp: 387738

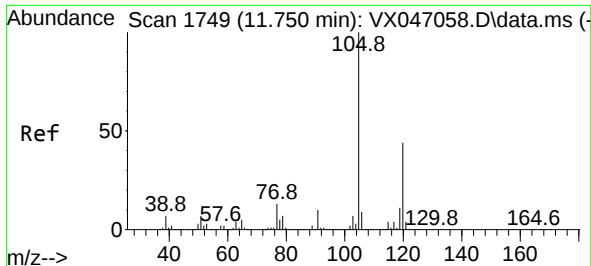
Ion Ratio Lower Upper

152 100

115 62.0 45.6 136.7

150 156.3 0.0 354.6

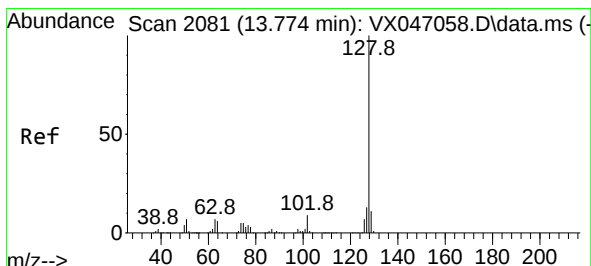
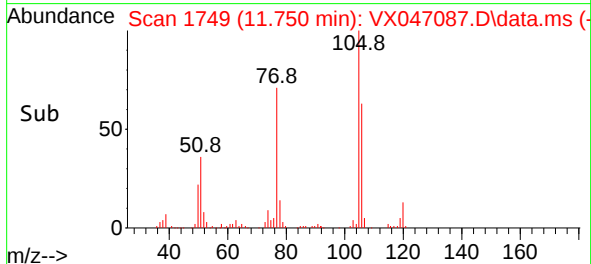
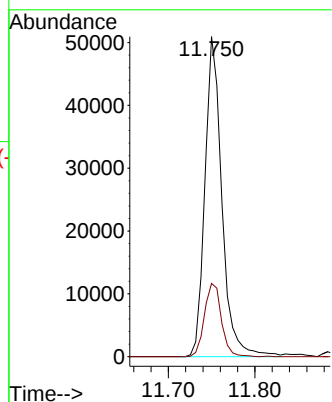
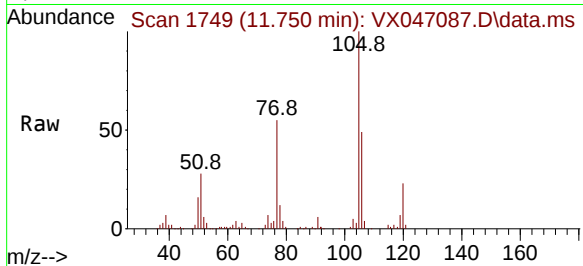




#84
1,2,4-Trimethylbenzene
Concen: 2.752 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0128

Tgt Ion:105 Resp: 69373
Ion Ratio Lower Upper
105 100
120 22.8 22.0 66.0



#95
Naphthalene
Concen: 28.091 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047087.D
Acq: 23 Jul 2025 13:46

Tgt Ion:128 Resp: 724972
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.6 13.0

