

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047000.D
 Acq On : 15 Jul 2025 14:37
 Operator : JC/MD
 Sample : Q2565-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0192-0193

Quant Time: Jul 16 02:27:08 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)

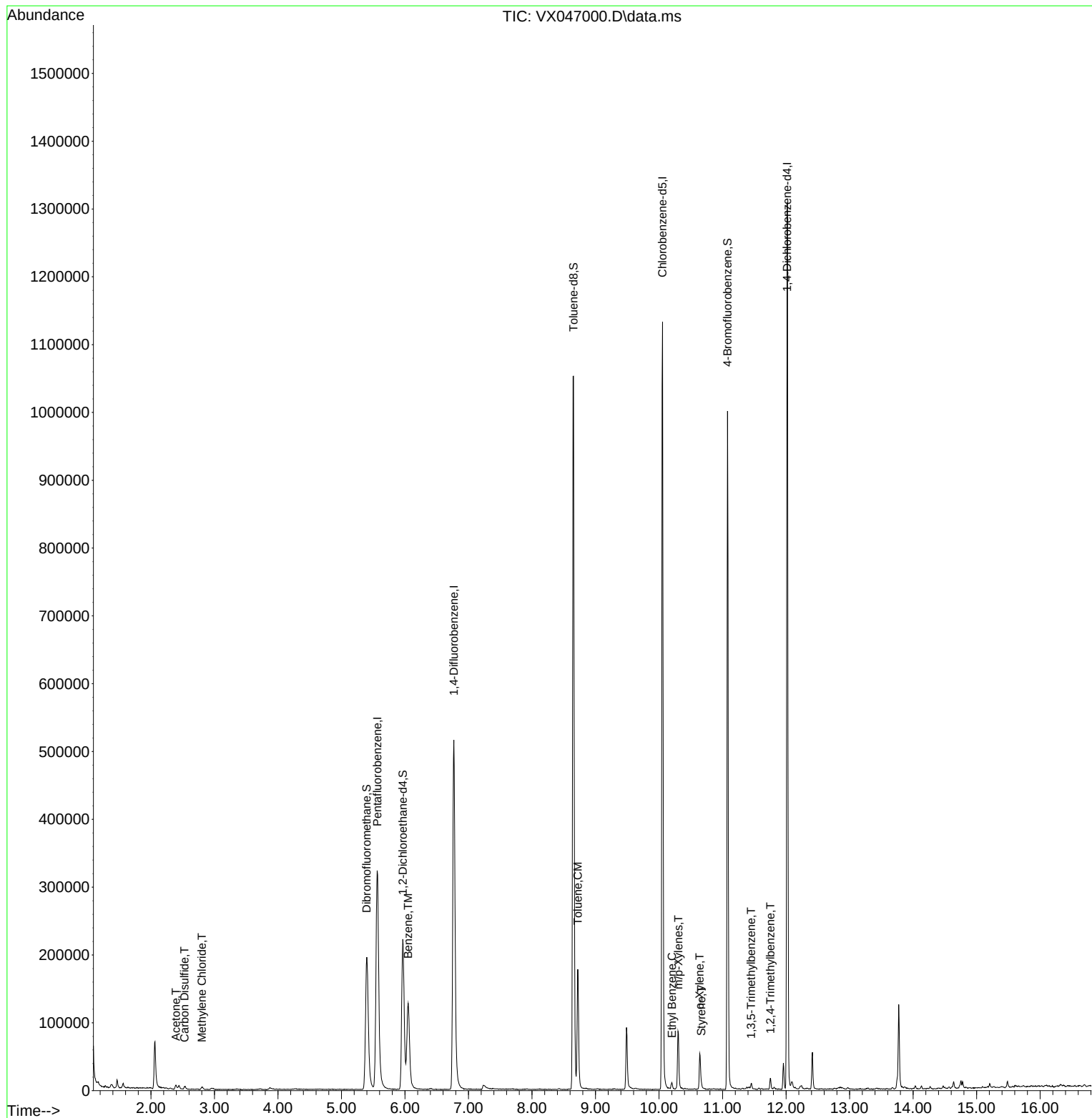
Internal Standards						
1) Pentafluorobenzene	5.562	168	326202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	557916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	233957	54.289	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.580%		
35) Dibromofluoromethane	5.397	113	187782	49.584	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.160%		
50) Toluene-d8	8.653	98	653302	48.893	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	11.079	95	269667	53.102	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.200%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	8169	6.103	ug/l	100
17) Carbon Disulfide	2.526	76	2874	0.310	ug/l #	87
20) Methylene Chloride	2.800	84	1786	0.451	ug/l #	90
40) Benzene	6.050	78	164063	10.615	ug/l	96
52) Toluene	8.720	92	70343	7.345	ug/l	100
67) Ethyl Benzene	10.201	91	6192	0.326	ug/l	95
68) m/p-Xylenes	10.305	106	21877	3.055	ug/l	96
69) o-Xylene	10.640	106	12223	1.767	ug/l	99
70) Styrene	10.665	104	4506	0.381	ug/l #	65
80) 1,3,5-Trimethylbenzene	11.451	105	4899	0.322	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	7700	0.501	ug/l	98

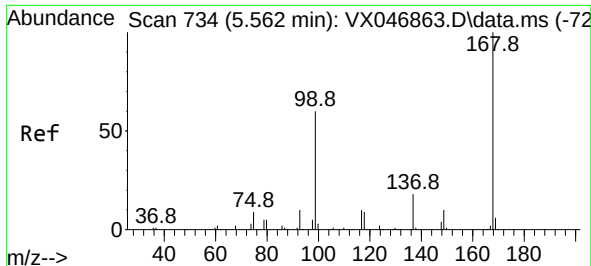
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047000.D
Acq On : 15 Jul 2025 14:37
Operator : JC/MD
Sample : Q2565-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

Quant Time: Jul 16 02:27:08 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

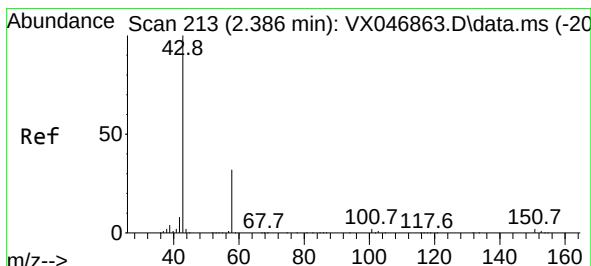
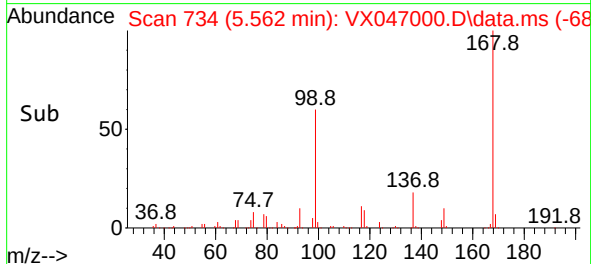
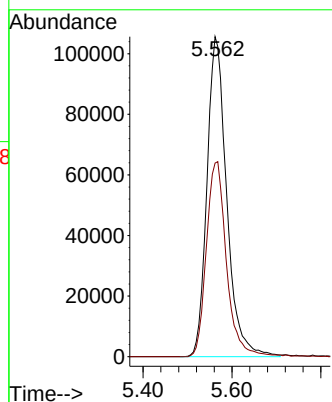
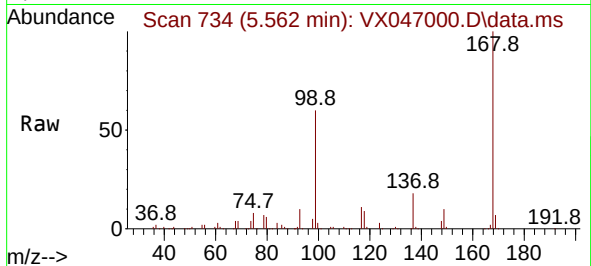




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

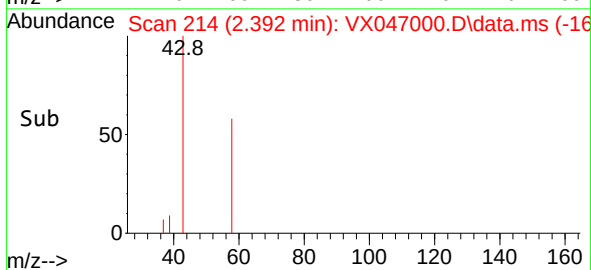
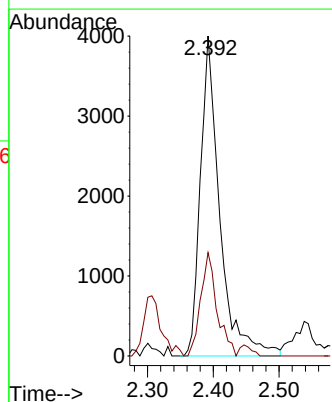
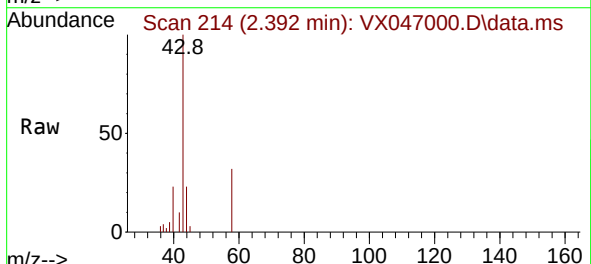
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

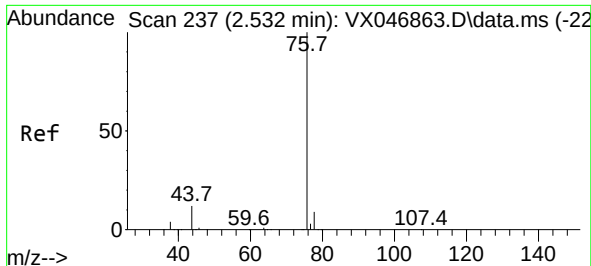
Tgt Ion:168 Resp: 326202
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#16
Acetone
Concen: 6.103 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion: 43 Resp: 8169
Ion Ratio Lower Upper
43 100
58 32.3 25.8 38.6





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047000.D

Acq: 15 Jul 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

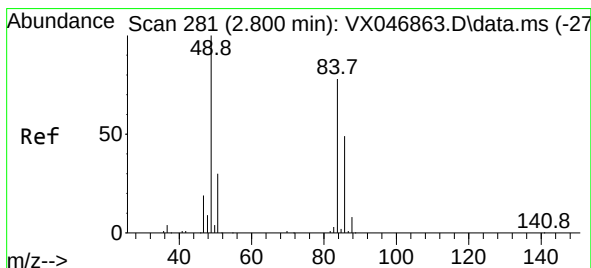
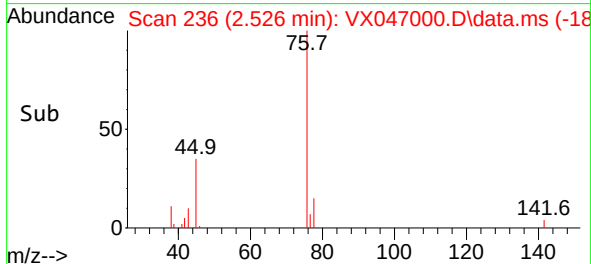
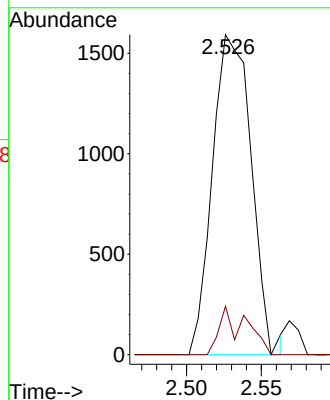
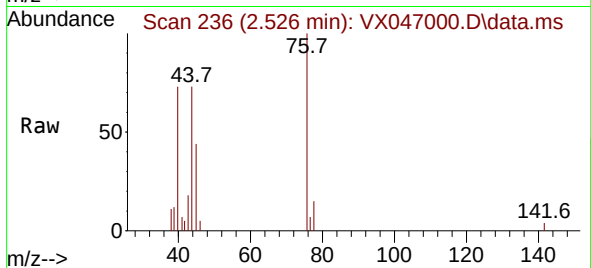
MOO-25-0192-0193

Tgt Ion: 76 Resp: 2874

Ion Ratio Lower Upper

76 100

78 14.2 7.4 11.2#



#20

Methylene Chloride

Concen: 0.451 ug/l

RT: 2.800 min Scan# 281

Delta R.T. -0.000 min

Lab File: VX047000.D

Acq: 15 Jul 2025 14:37

Tgt Ion: 84 Resp: 1786

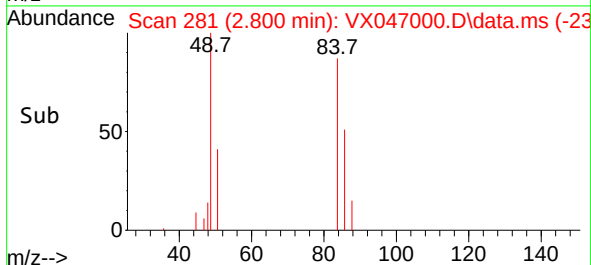
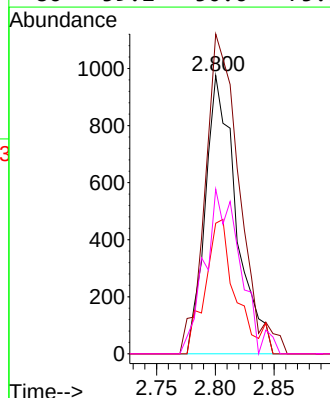
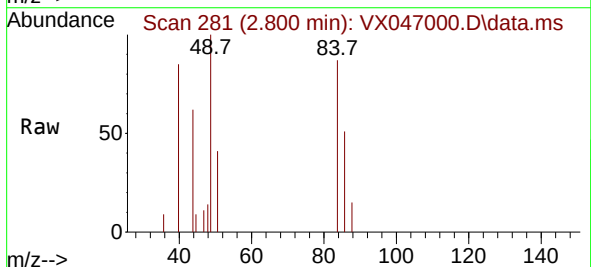
Ion Ratio Lower Upper

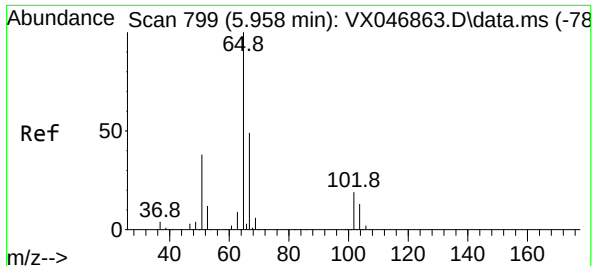
84 100

49 115.0 102.8 154.2

51 47.0 31.1 46.7#

86 59.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.289 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047000.D

Acq: 15 Jul 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

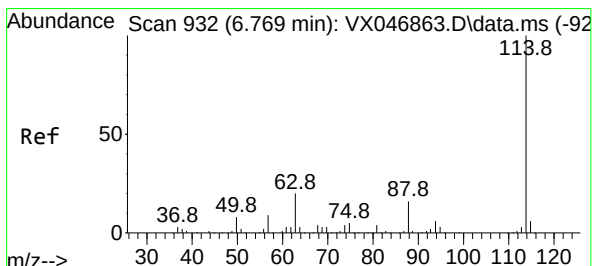
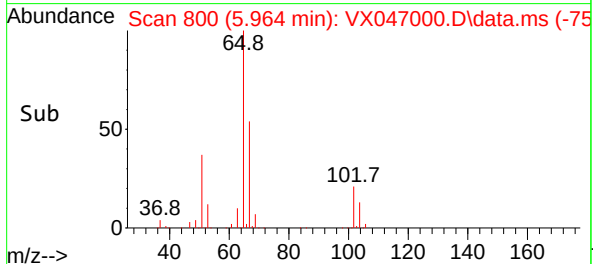
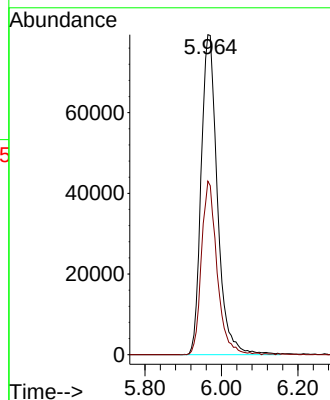
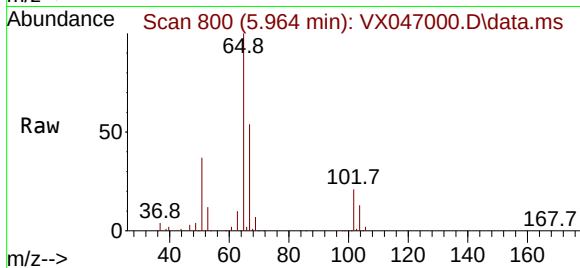
MOO-25-0192-0193

Tgt Ion: 65 Resp: 233957

Ion Ratio Lower Upper

65 100

67 52.0 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: VX047000.D

Acq: 15 Jul 2025 14:37

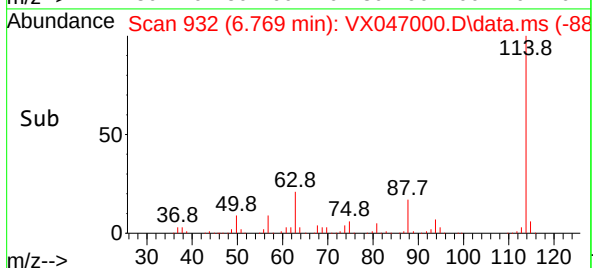
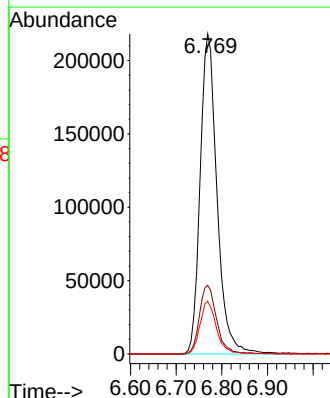
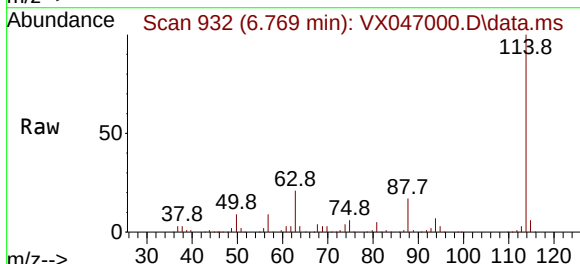
Tgt Ion: 114 Resp: 557916

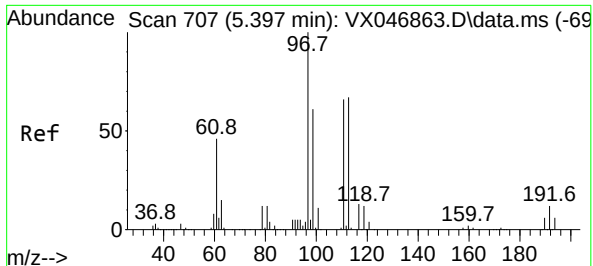
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

88 16.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.584 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047000.D

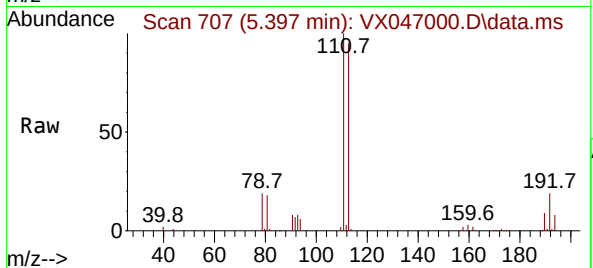
Acq: 15 Jul 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0192-0193



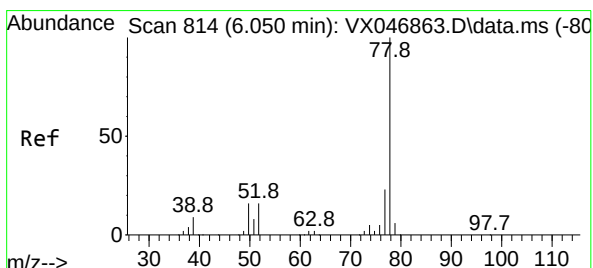
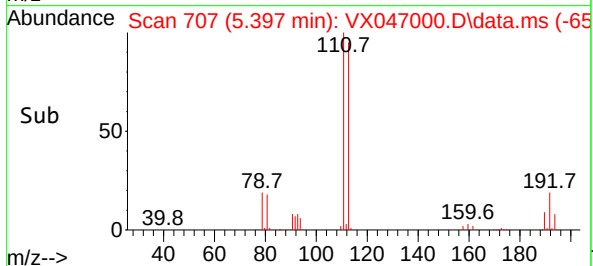
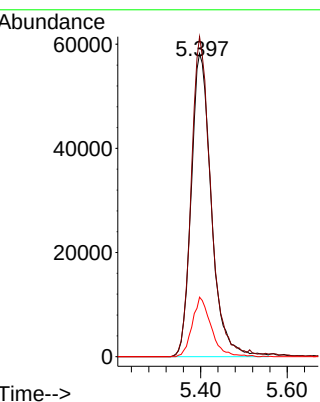
Tgt Ion:113 Resp: 187782

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 18.5 15.3 22.9



#40

Benzene

Concen: 10.615 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX047000.D

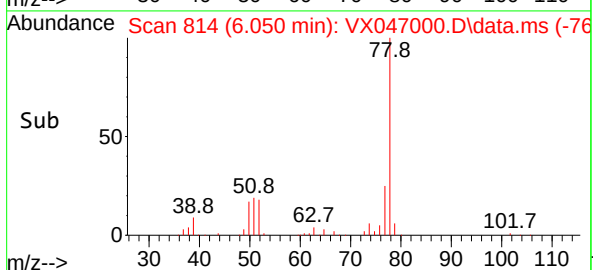
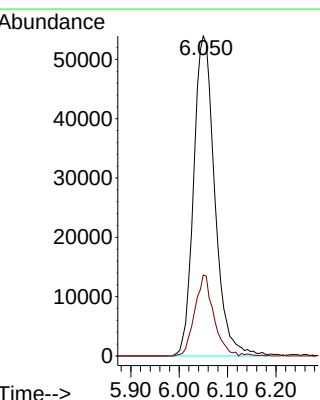
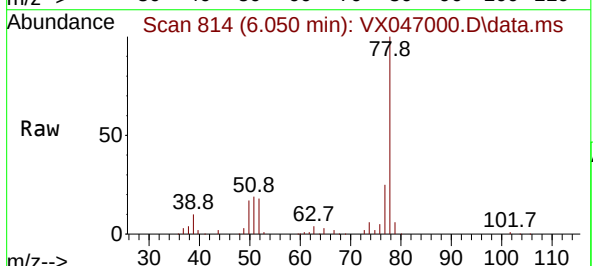
Acq: 15 Jul 2025 14:37

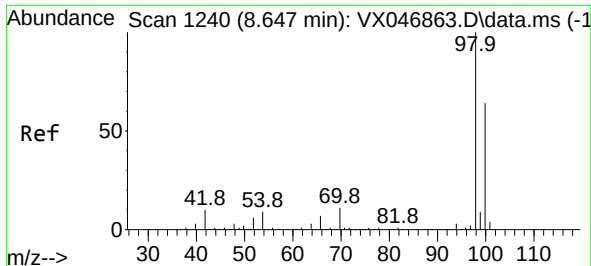
Tgt Ion: 78 Resp: 164063

Ion Ratio Lower Upper

78 100

77 25.3 18.7 28.1

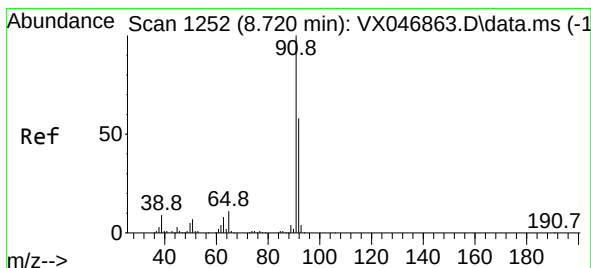
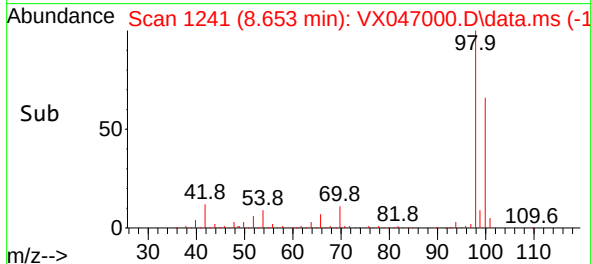
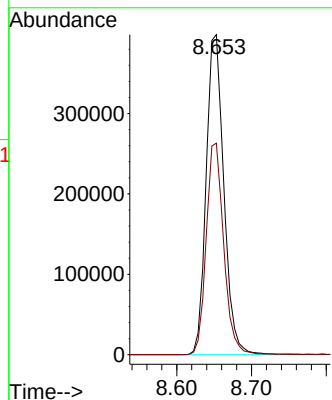
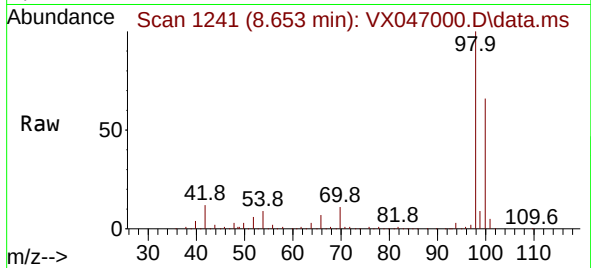




#50
Toluene-d8
Concen: 48.893 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

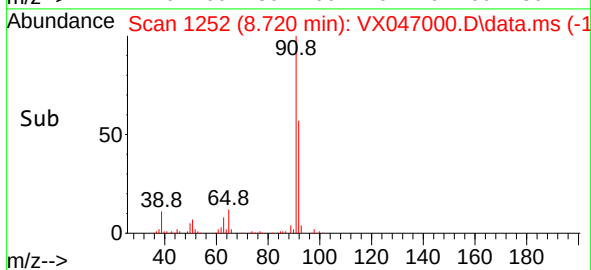
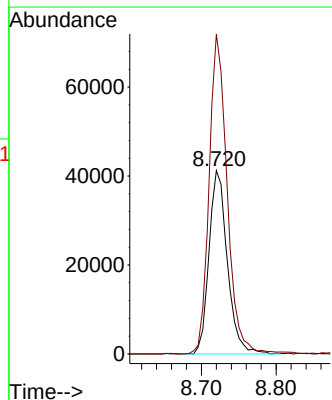
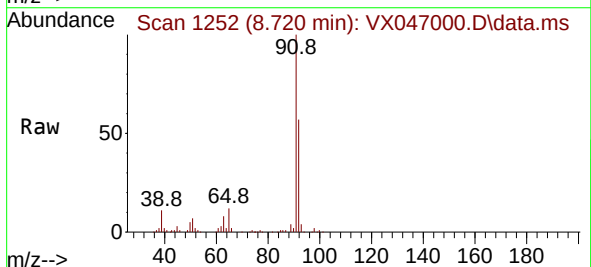
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

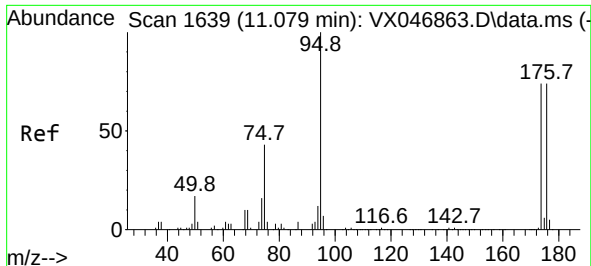
Tgt Ion: 98 Resp: 653302
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#52
Toluene
Concen: 7.345 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion: 92 Resp: 70343
Ion Ratio Lower Upper
92 100
91 171.9 137.9 206.9

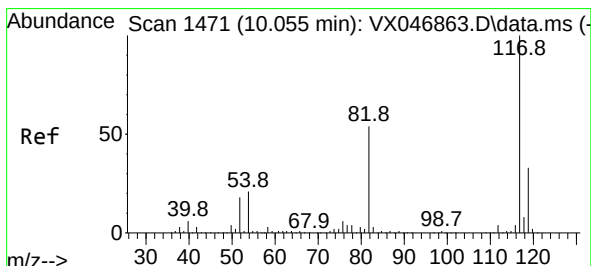
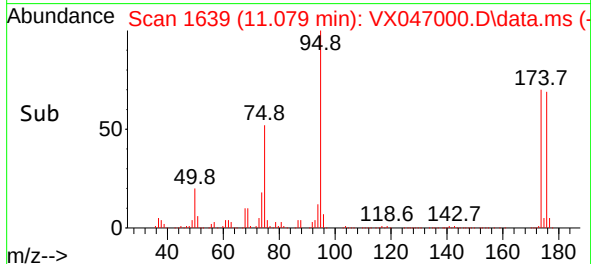
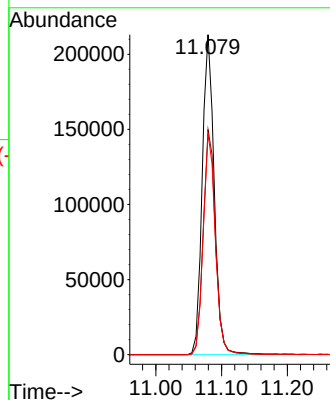
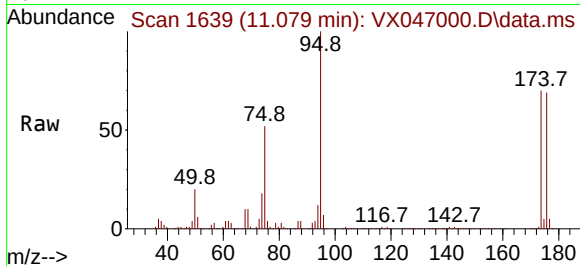




#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

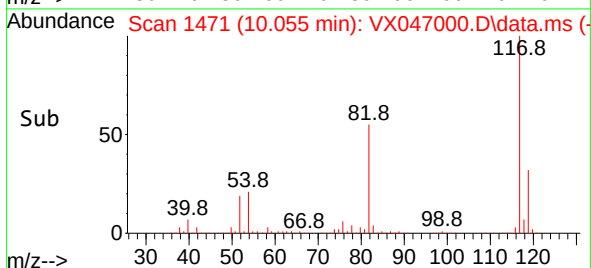
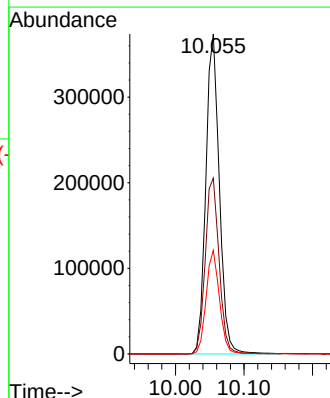
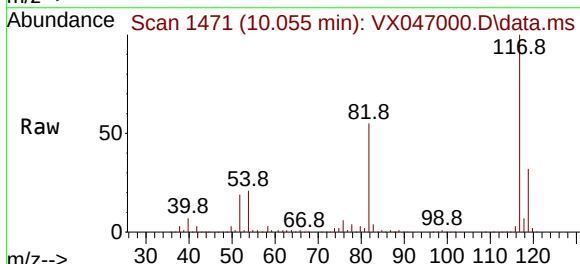
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

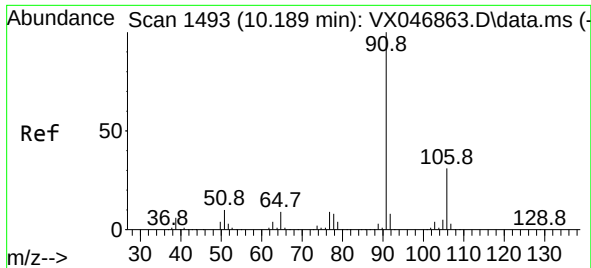
Tgt Ion: 95 Resp: 269667
Ion Ratio Lower Upper
95 100
174 72.1 0.0 152.0
176 69.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion: 117 Resp: 513217
Ion Ratio Lower Upper
117 100
82 54.9 43.3 64.9
119 32.4 26.4 39.6

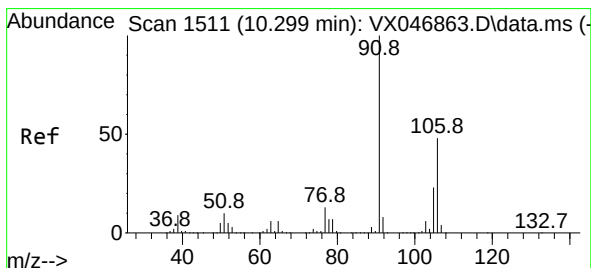
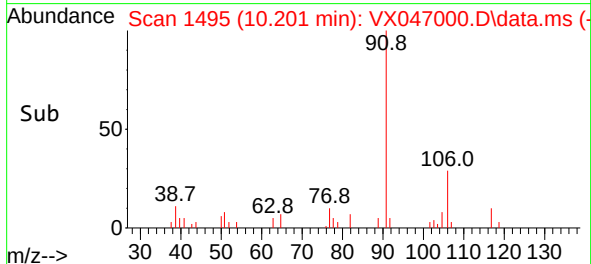
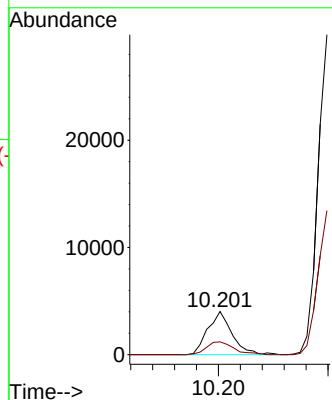
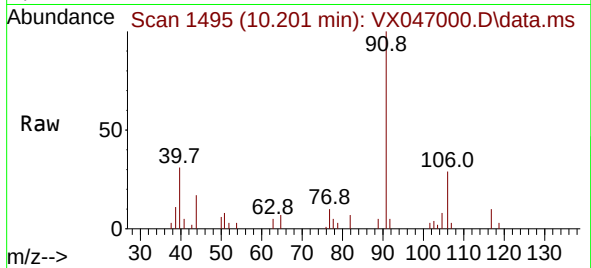




#67
Ethyl Benzene
Concen: 0.326 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

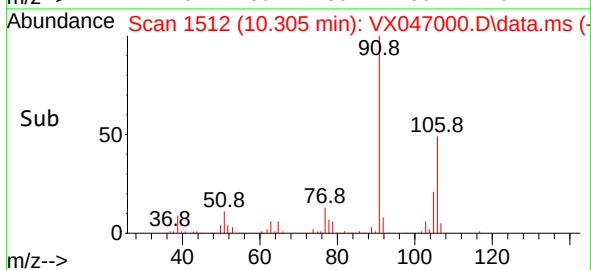
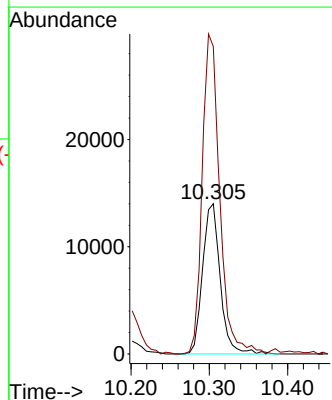
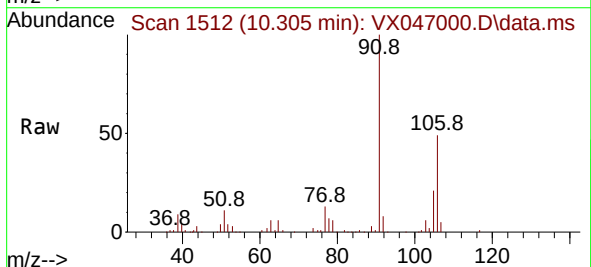
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

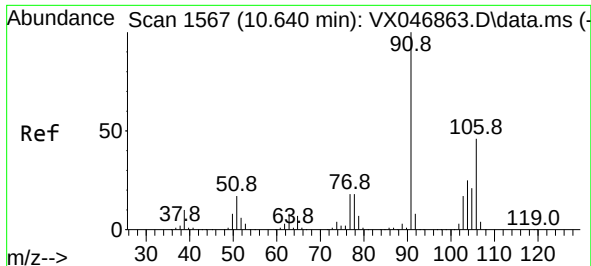
Tgt Ion: 91 Resp: 6192
Ion Ratio Lower Upper
91 100
106 28.0 24.4 36.6



#68
m/p-Xylenes
Concen: 3.055 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion:106 Resp: 21877
Ion Ratio Lower Upper
106 100
91 211.3 164.6 246.8

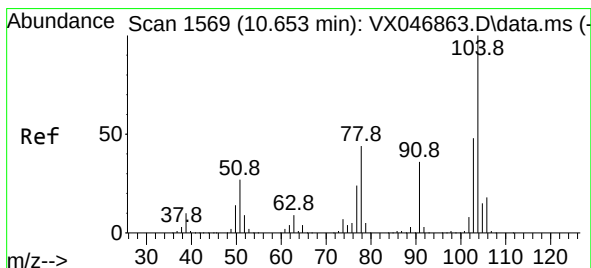
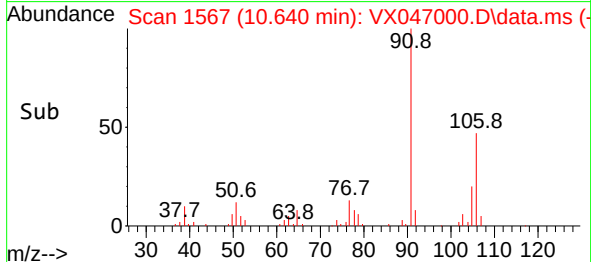
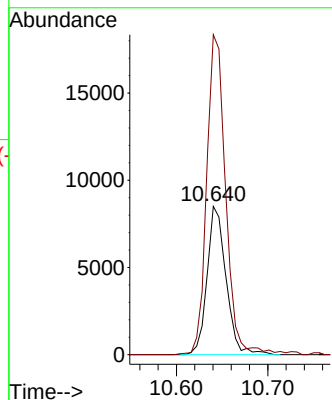
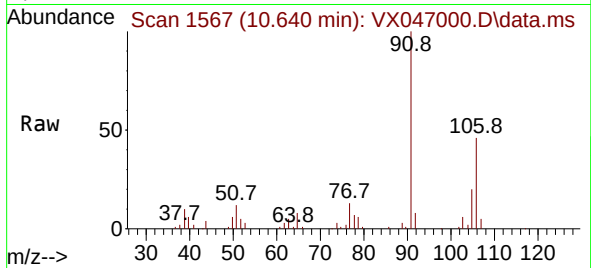




#69
o-Xylene
Concen: 1.767 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

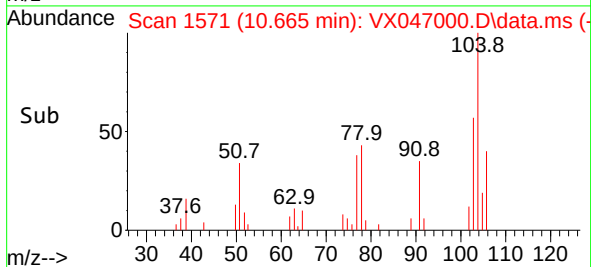
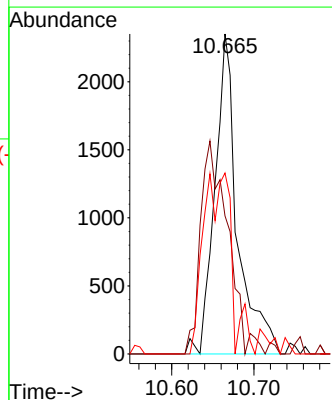
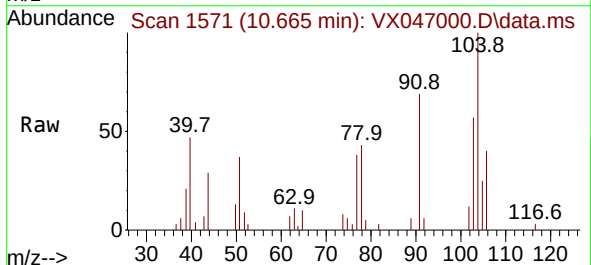
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

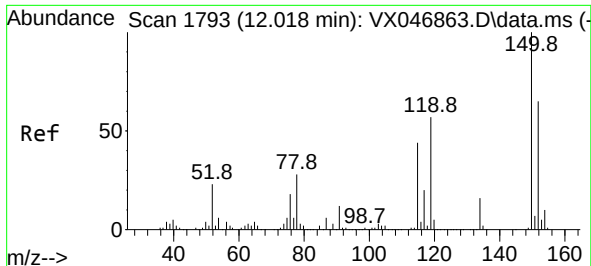
Tgt Ion:106 Resp: 12223
Ion Ratio Lower Upper
106 100
91 217.1 109.5 328.5



#70
Styrene
Concen: 0.381 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion:104 Resp: 4506
Ion Ratio Lower Upper
104 100
78 80.4 40.3 60.5#
103 34.6 42.8 64.2#

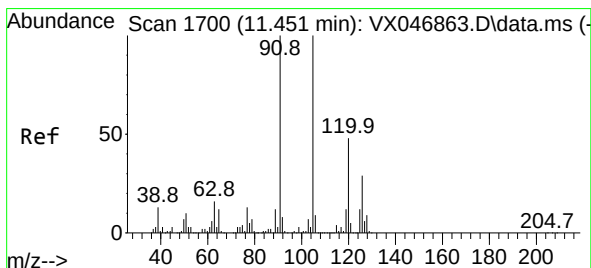
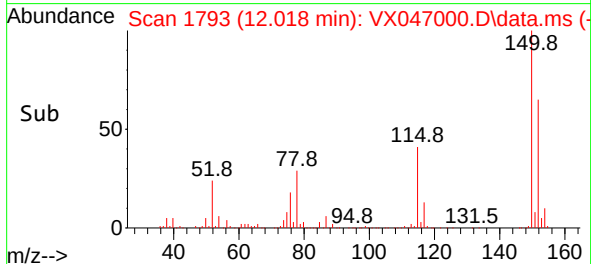
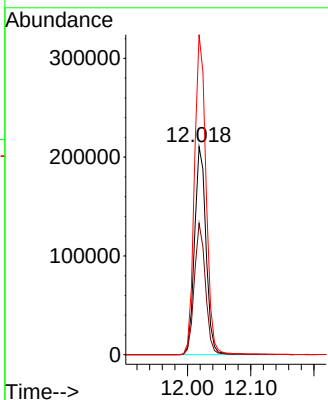
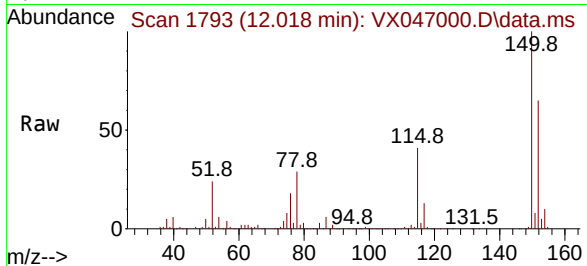




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

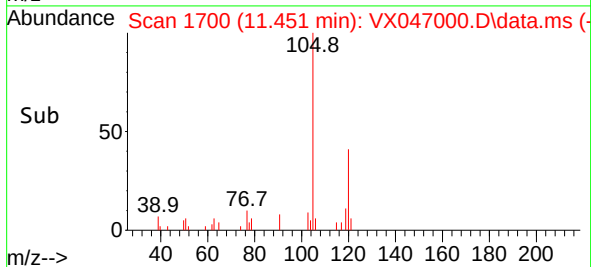
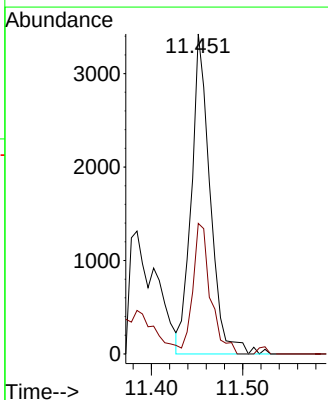
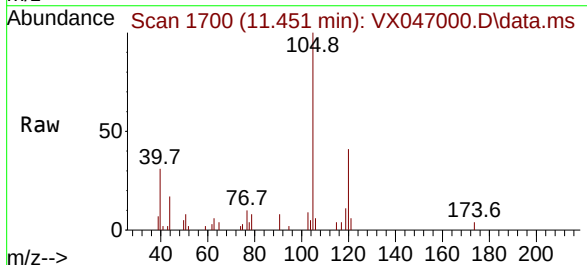
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0192-0193

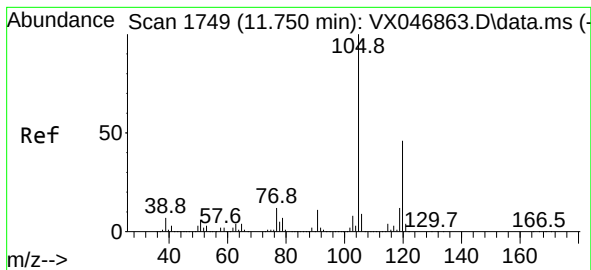
Tgt Ion:152 Resp: 266080
Ion Ratio Lower Upper
152 100
115 61.5 42.4 127.1
150 156.3 0.0 349.2



#80
1,3,5-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047000.D
Acq: 15 Jul 2025 14:37

Tgt Ion:105 Resp: 4899
Ion Ratio Lower Upper
105 100
120 38.2 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 0.501 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047000.D

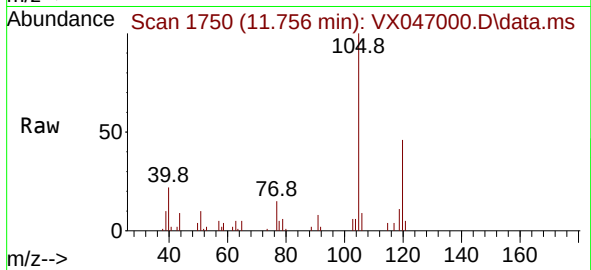
Acq: 15 Jul 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0192-0193



Tgt Ion:105 Resp: 7700

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8

