

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046272.D
 Acq On : 19 May 2025 16:58
 Operator : JC/MD
 Sample : Q2053-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

Quant Time: May 19 23:14:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

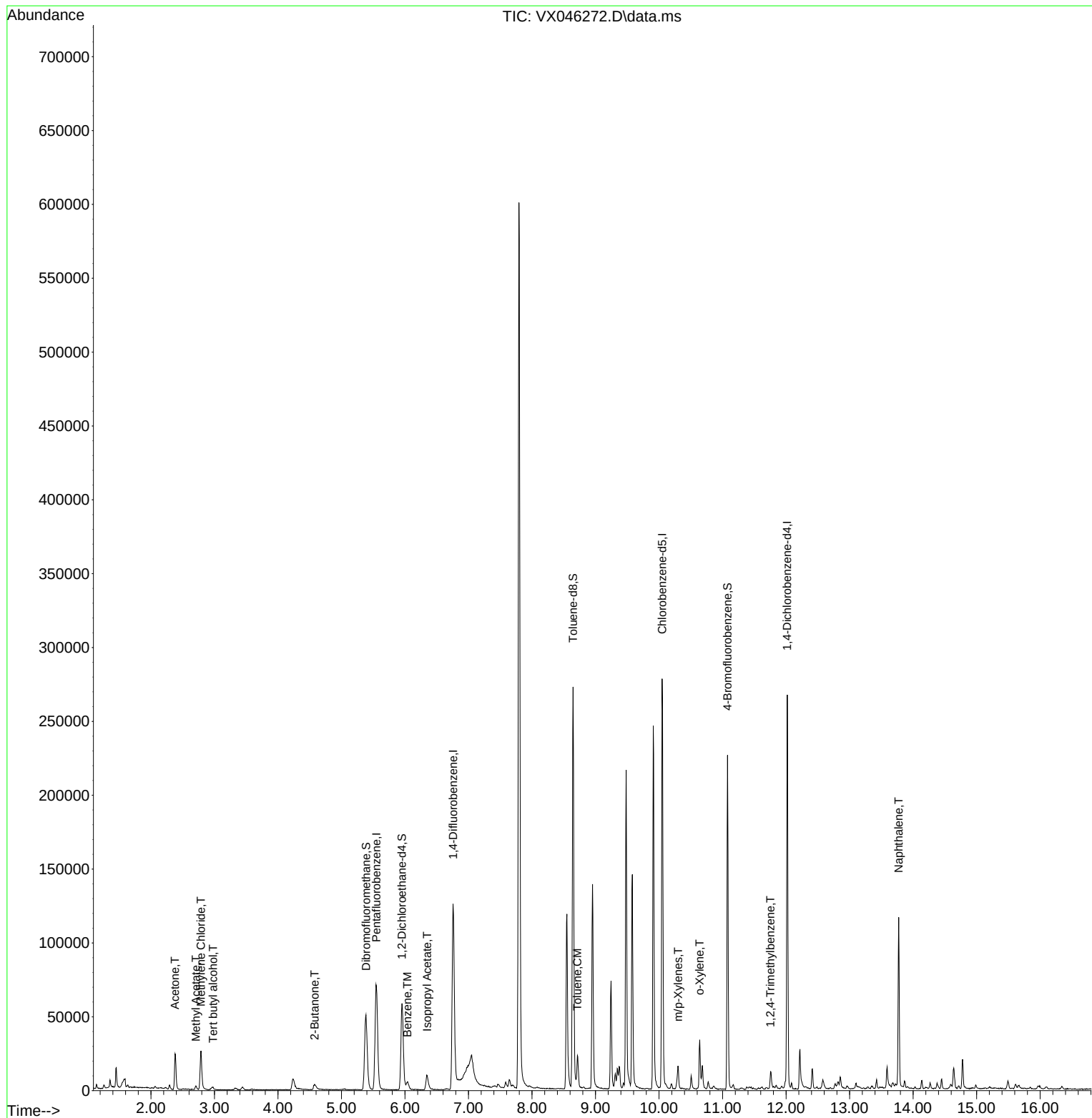
Internal Standards						
1) Pentafluorobenzene	5.550	168	61346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60409	52.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	5.385	113	44028	50.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.440%	
50) Toluene-d8	8.647	98	152955	50.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.079	95	58496	50.756	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	1982	12.346	ug/l #	90
16) Acetone	2.380	43	26130	56.982	ug/l	100
18) Methyl Acetate	2.709	43	3566	3.351	ug/l	94
20) Methylene Chloride	2.788	84	11829	13.461	ug/l #	87
25) 2-Butanone	4.574	43	8059	12.105	ug/l	97
40) Benzene	6.038	78	5746	1.682	ug/l	93
43) Isopropyl Acetate	6.348	43	14490	6.591	ug/l	99
52) Toluene	8.714	92	7707	3.679	ug/l	99
68) m/p-Xylenes	10.299	106	3210	2.011	ug/l	94
69) o-Xylene	10.640	106	2105	1.352	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3561	1.134	ug/l	68
95) Naphthalene	13.774	128	66904	20.118	ug/l	100

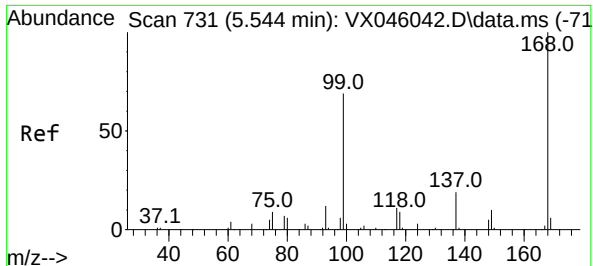
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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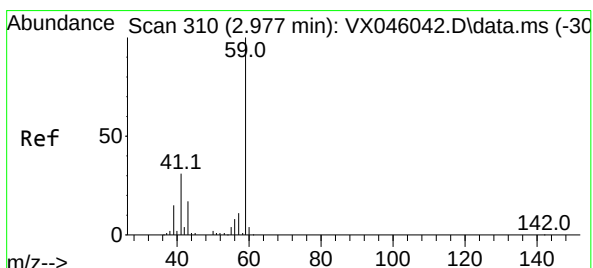
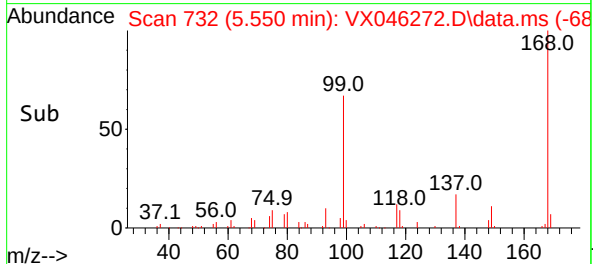
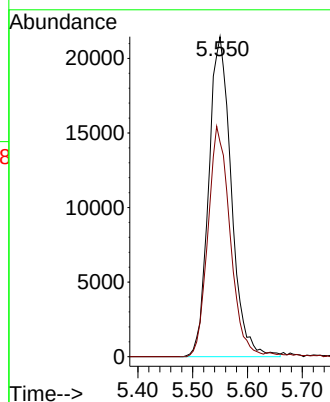
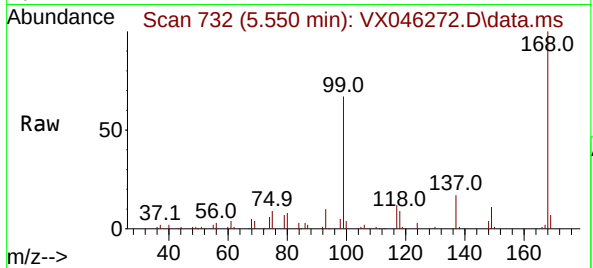




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

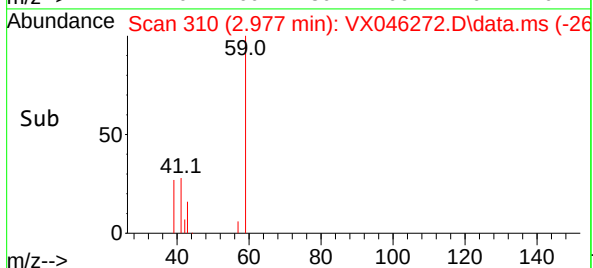
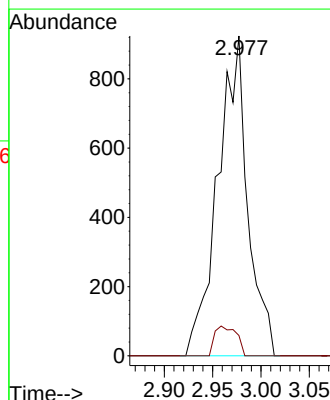
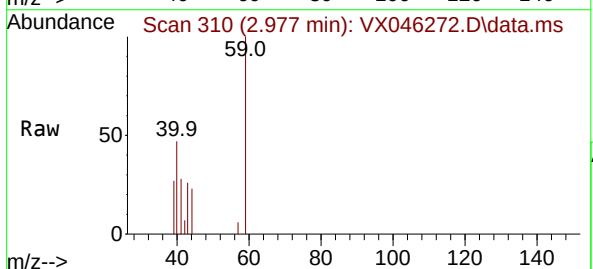
Instrument :
MSVOA_X
ClientSampleId :
SB-3

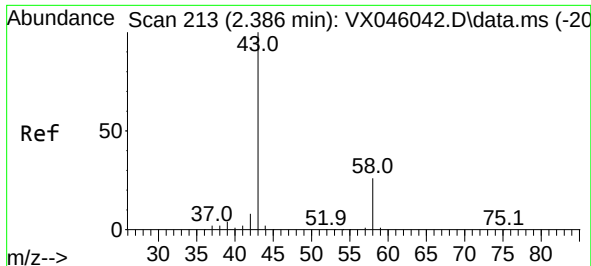
Tgt Ion:168 Resp: 61346
Ion Ratio Lower Upper
168 100
99 67.0 54.9 82.3



#11
Tert butyl alcohol
Concen: 12.346 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion: 59 Resp: 1982
Ion Ratio Lower Upper
59 100
57 6.8 8.6 12.8#

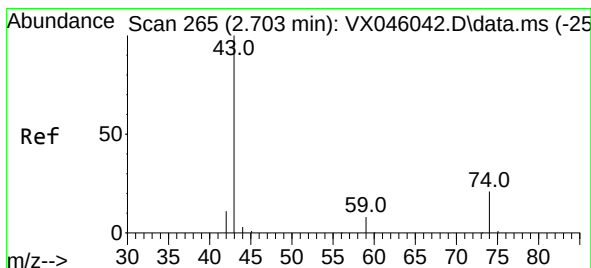
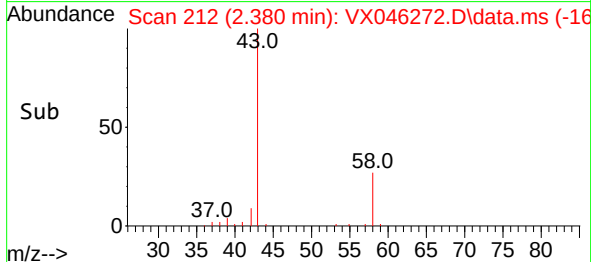
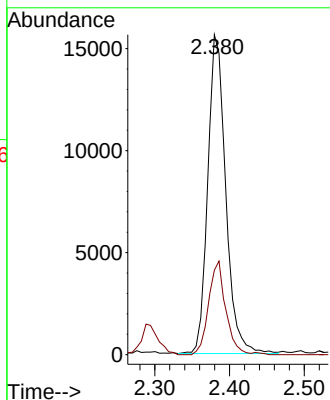
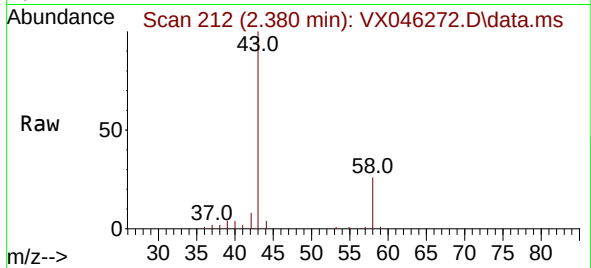




#16
Acetone
Concen: 56.982 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

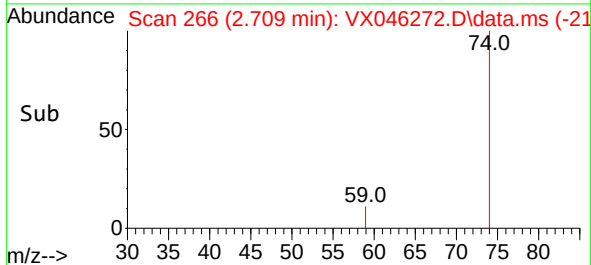
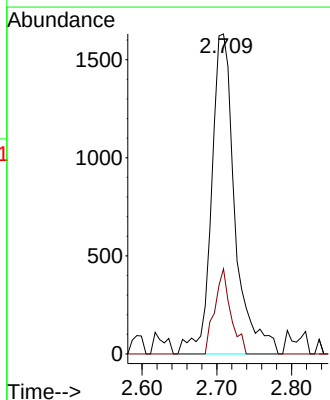
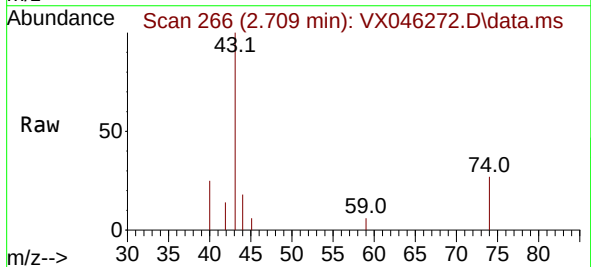
Instrument :
MSVOA_X
ClientSampleId :
SB-3

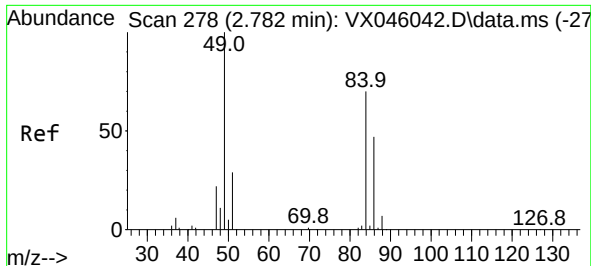
Tgt Ion: 43 Resp: 26130
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8



#18
Methyl Acetate
Concen: 3.351 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion: 43 Resp: 3566
Ion Ratio Lower Upper
43 100
74 18.2 16.7 25.1





#20

Methylene Chloride

Concen: 13.461 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046272.D

Acq: 19 May 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

SB-3

Tgt Ion: 84 Resp: 11829

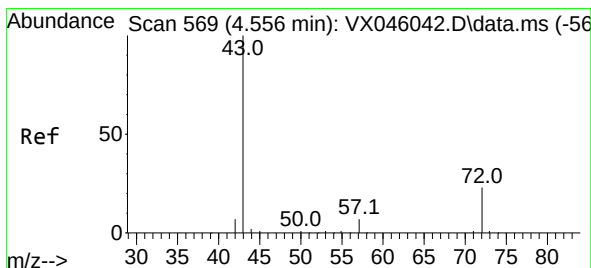
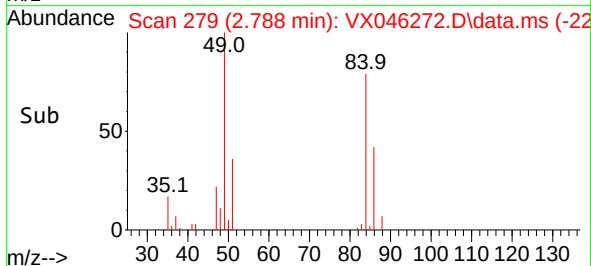
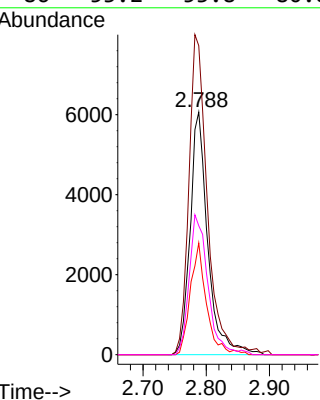
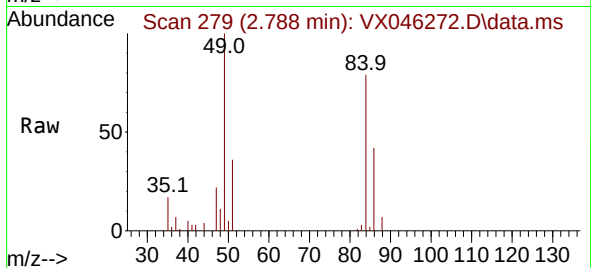
Ion Ratio Lower Upper

84 100

49 127.4 113.9 170.9

51 46.0 33.5 50.3

86 53.2 53.8 80.8#



#25

2-Butanone

Concen: 12.105 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX046272.D

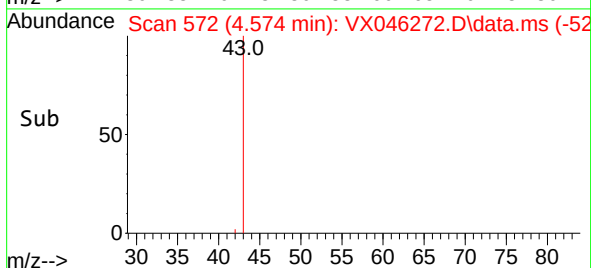
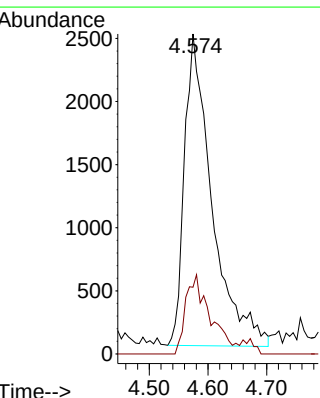
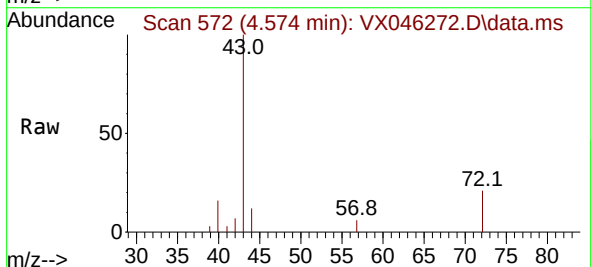
Acq: 19 May 2025 16:58

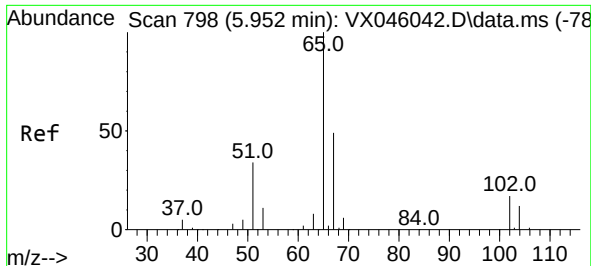
Tgt Ion: 43 Resp: 8059

Ion Ratio Lower Upper

43 100

72 21.4 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 52.820 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046272.D

Acq: 19 May 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

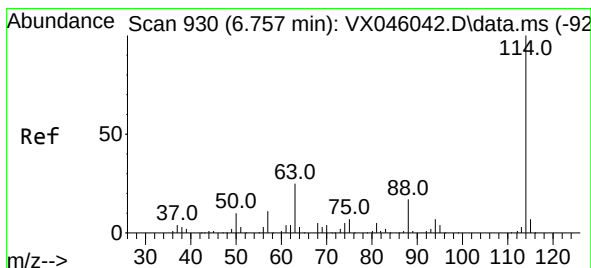
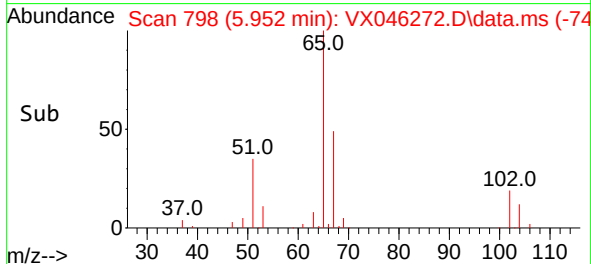
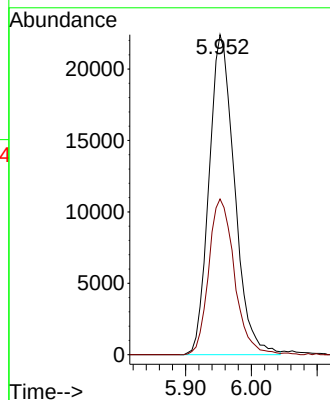
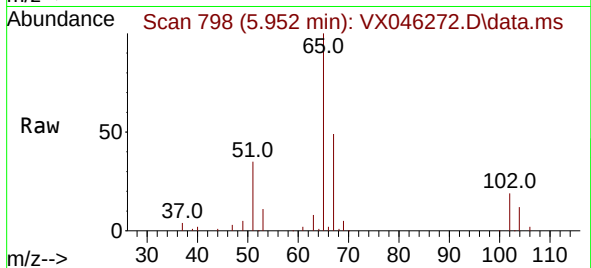
SB-3

Tgt Ion: 65 Resp: 60409

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046272.D

Acq: 19 May 2025 16:58

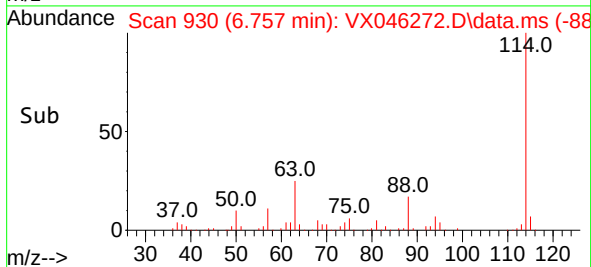
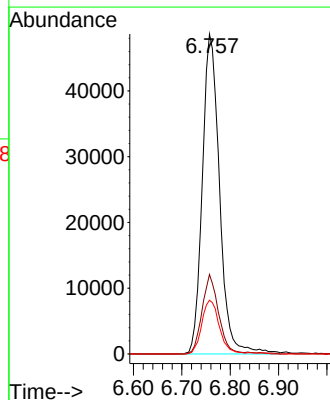
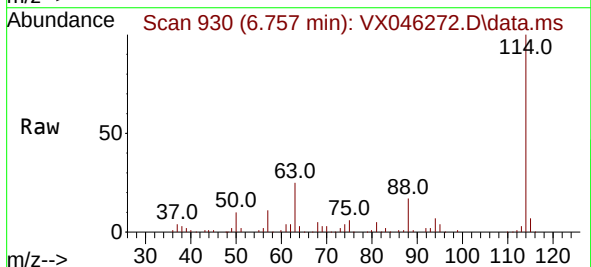
Tgt Ion: 114 Resp: 120549

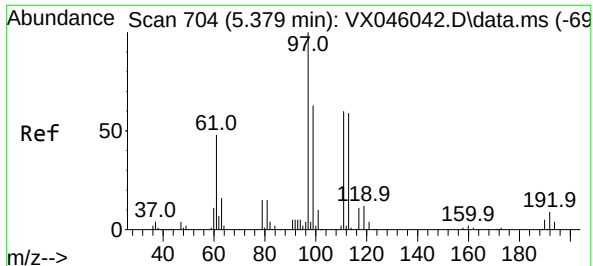
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 16.8 0.0 33.6

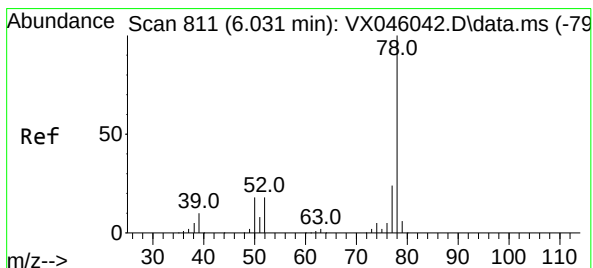
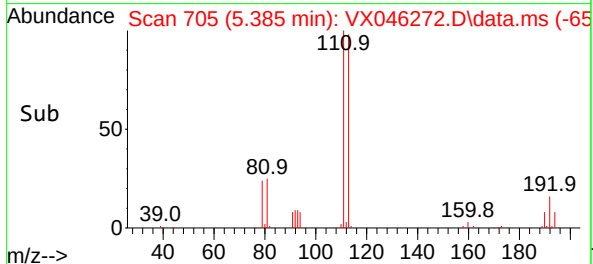
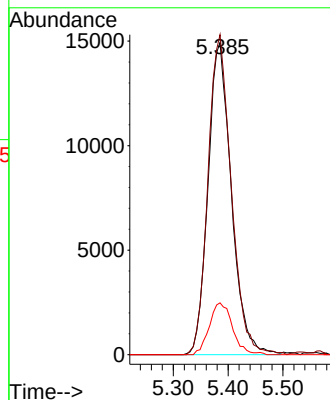
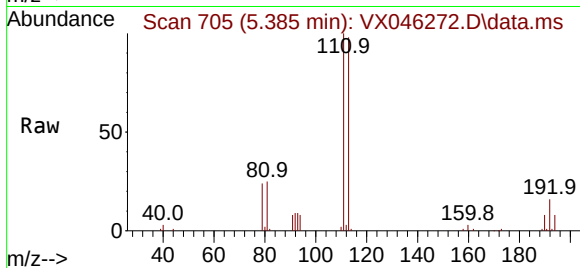




#35
Dibromofluoromethane
Concen: 50.719 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

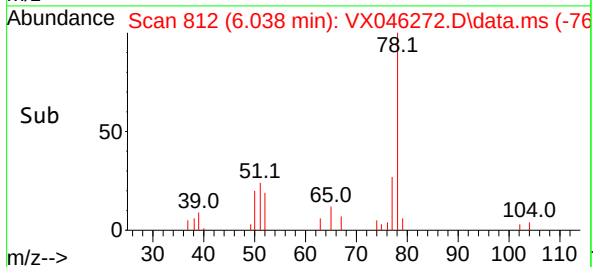
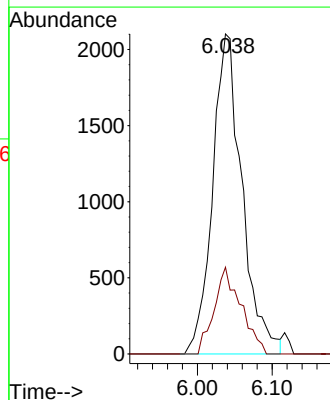
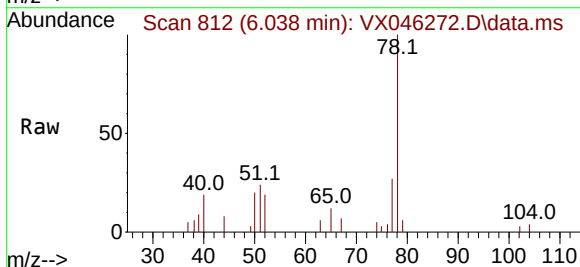
Instrument :
MSVOA_X
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SB-3

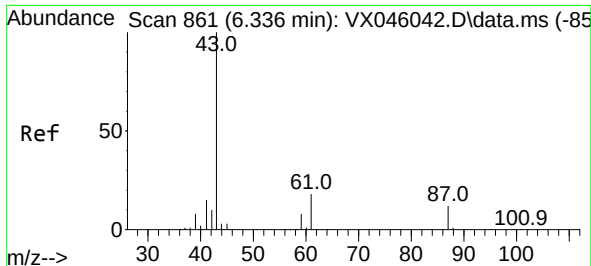
Tgt Ion:113 Resp: 44028
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.6 13.3 19.9



#40
Benzene
Concen: 1.682 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion: 78 Resp: 5746
Ion Ratio Lower Upper
78 100
77 27.1 19.0 28.4

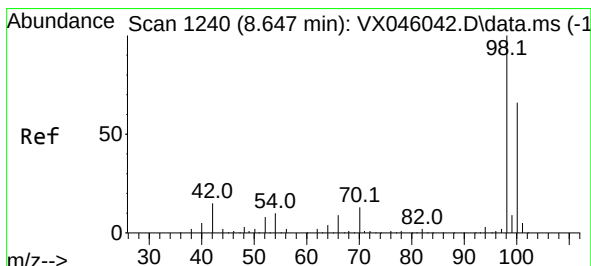
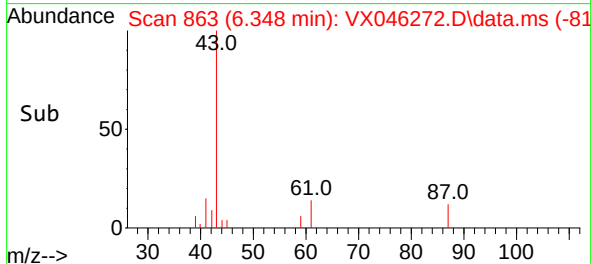
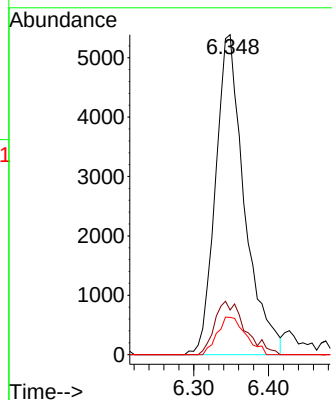
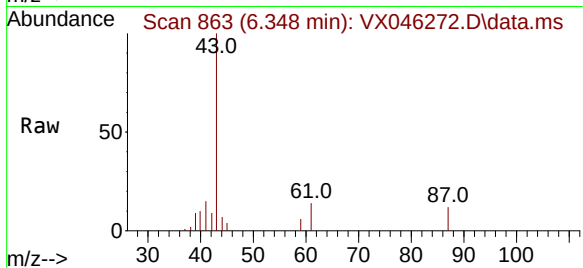




#43
Isopropyl Acetate
Concen: 6.591 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

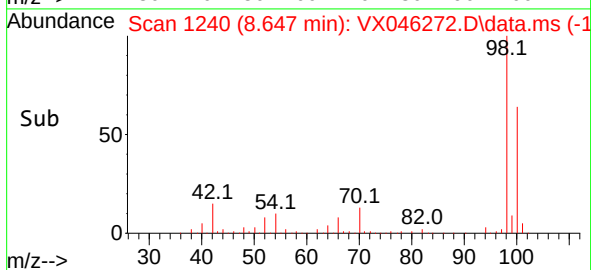
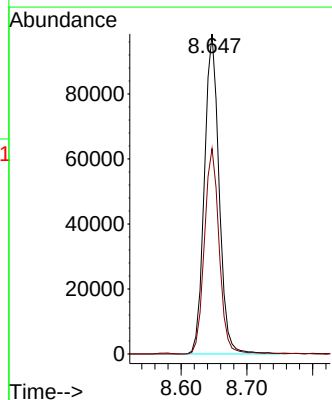
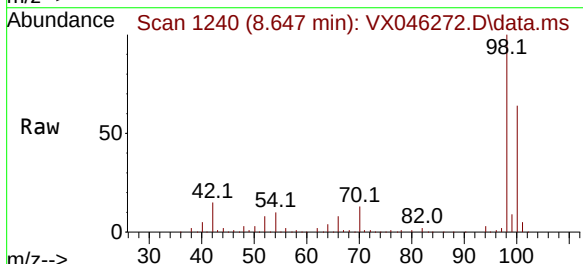
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MSVOA_X
ClientSampleId :
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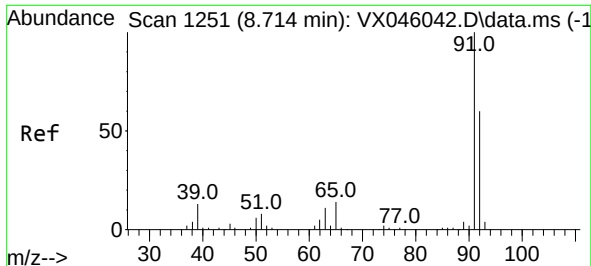
Tgt Ion: 43 Resp: 14490
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 11.4 9.5 14.3



#50
Toluene-d8
Concen: 50.908 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion: 98 Resp: 152955
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

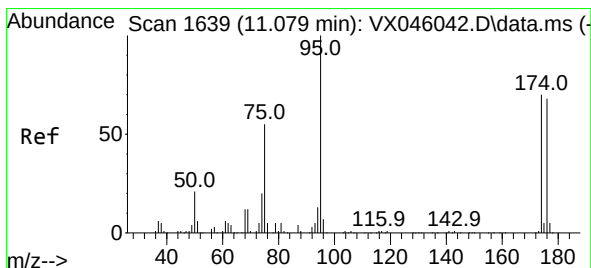
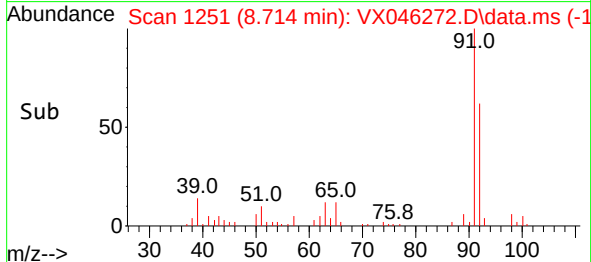
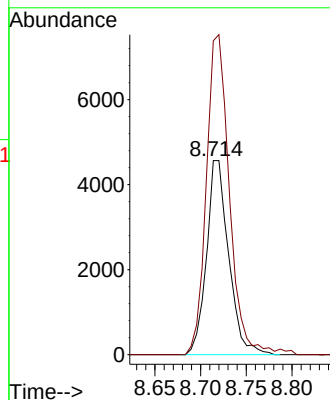
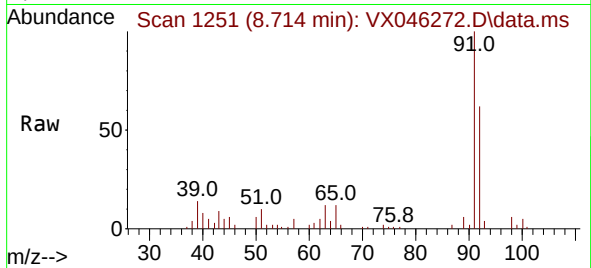




#52
Toluene
Concen: 3.679 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

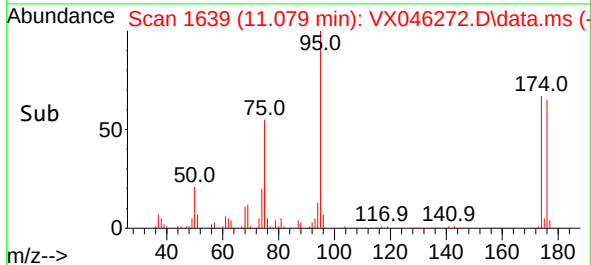
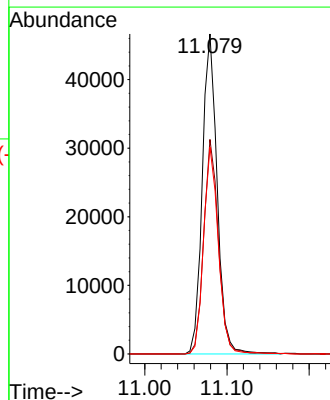
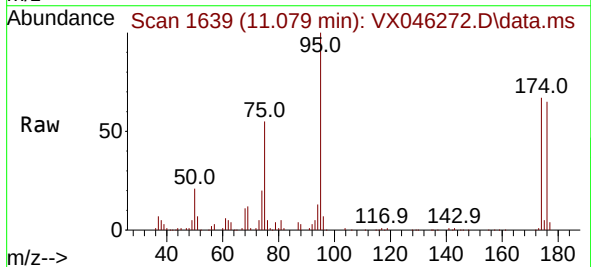
Instrument :
MSVOA_X
ClientSampleId :
SB-3

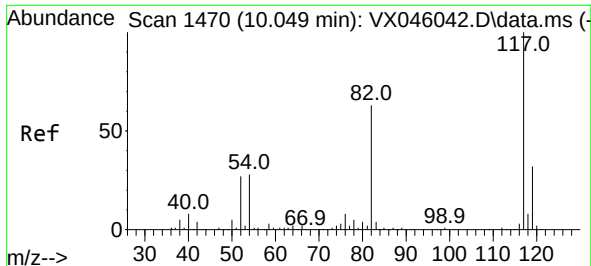
Tgt Ion: 92 Resp: 7707
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion: 95 Resp: 58496
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.4 0.0 131.4

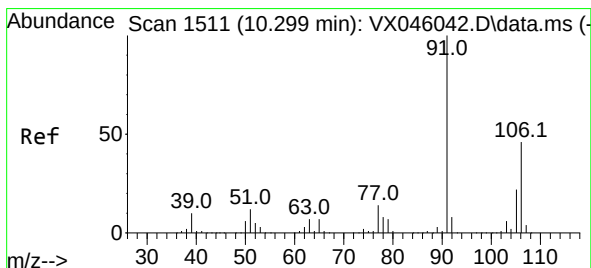
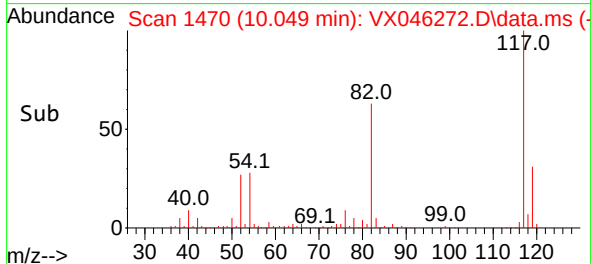
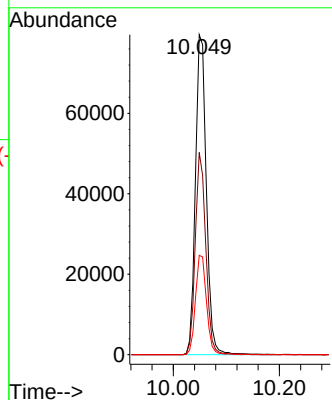
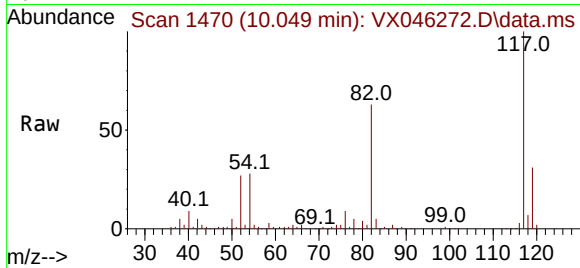




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

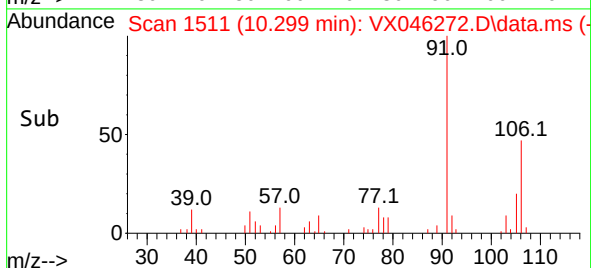
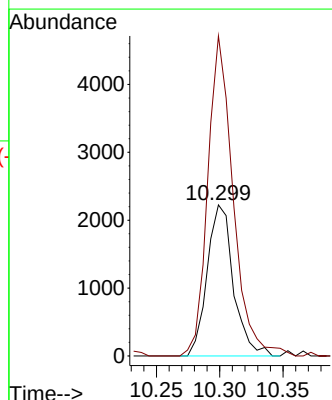
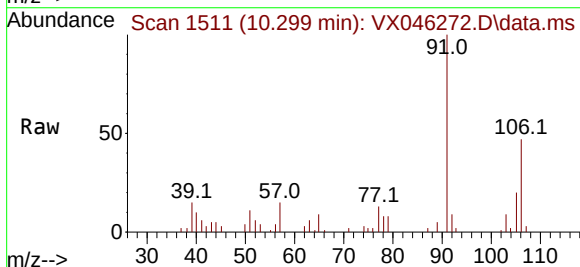
Instrument :
MSVOA_X
ClientSampleId :
SB-3

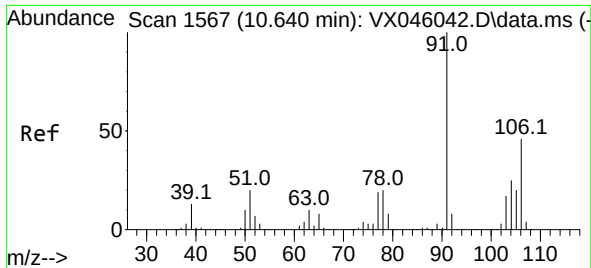
Tgt Ion:117 Resp: 113135
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 2.011 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion:106 Resp: 3210
Ion Ratio Lower Upper
106 100
91 205.0 171.2 256.8

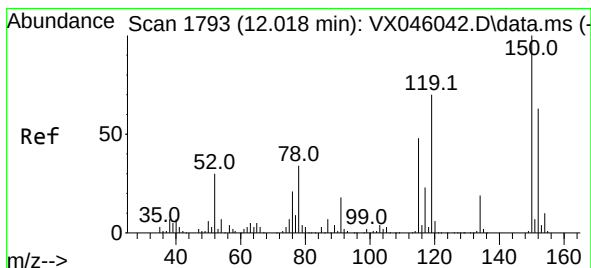
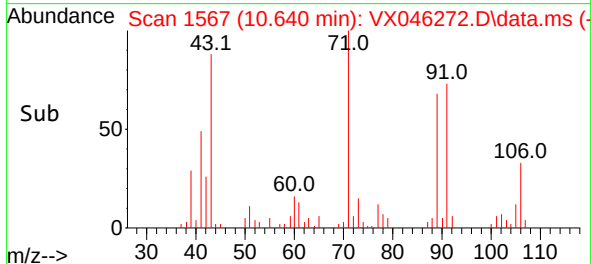
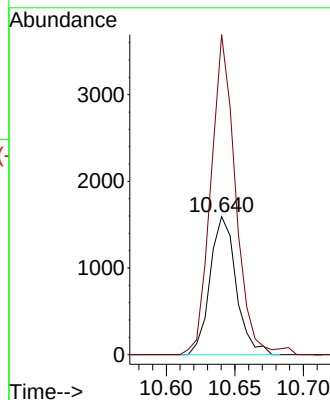
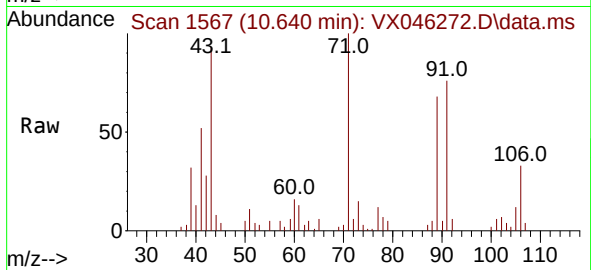




#69
o-Xylene
Concen: 1.352 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

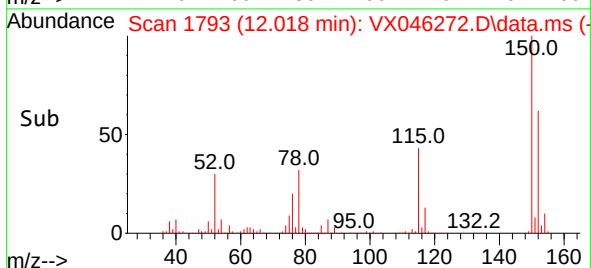
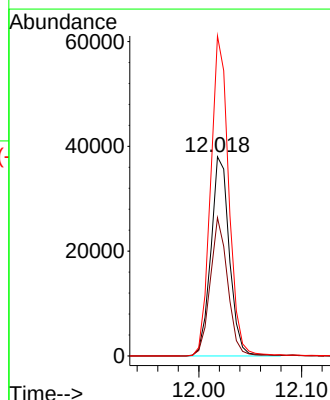
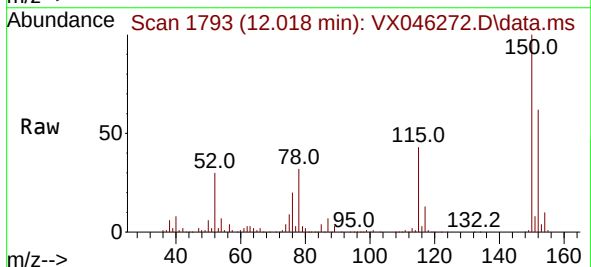
Instrument :
MSVOA_X
ClientSampleId :
SB-3

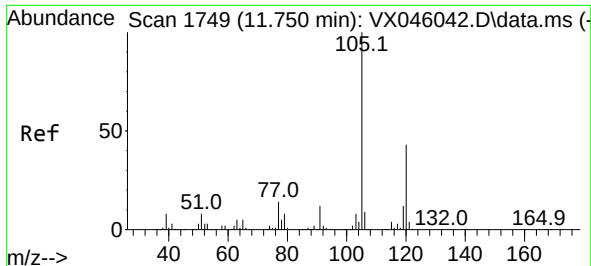
Tgt Ion:106 Resp: 2105
Ion Ratio Lower Upper
106 100
91 219.8 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion:152 Resp: 47691
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 157.5 0.0 351.0

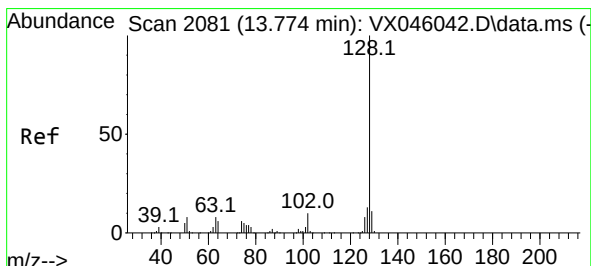
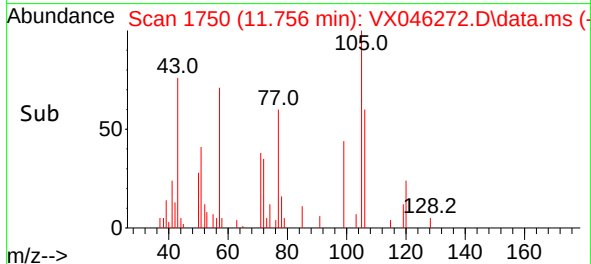
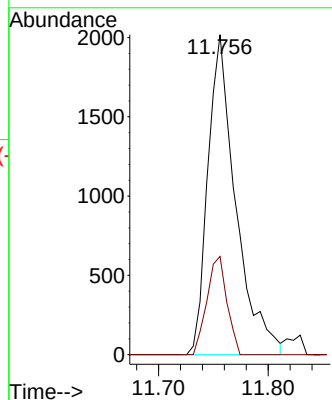
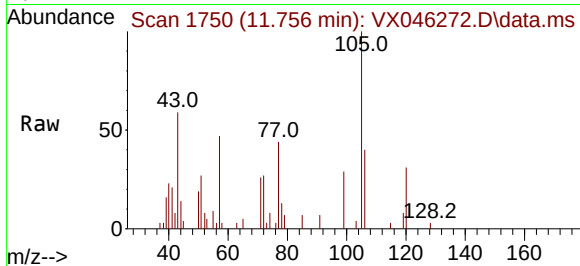




#84
1,2,4-Trimethylbenzene
Concen: 1.134 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
SB-3

Tgt Ion:105 Resp: 3561
Ion Ratio Lower Upper
105 100
120 22.0 21.2 63.6



#95
Naphthalene
Concen: 20.118 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046272.D
Acq: 19 May 2025 16:58

Tgt Ion:128 Resp: 66904
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0

