

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038612.D
 Acq On : 27 Oct 2023 18:55
 Operator : JC/MD
 Sample : 05107-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1071

Quant Time: Oct 30 01:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

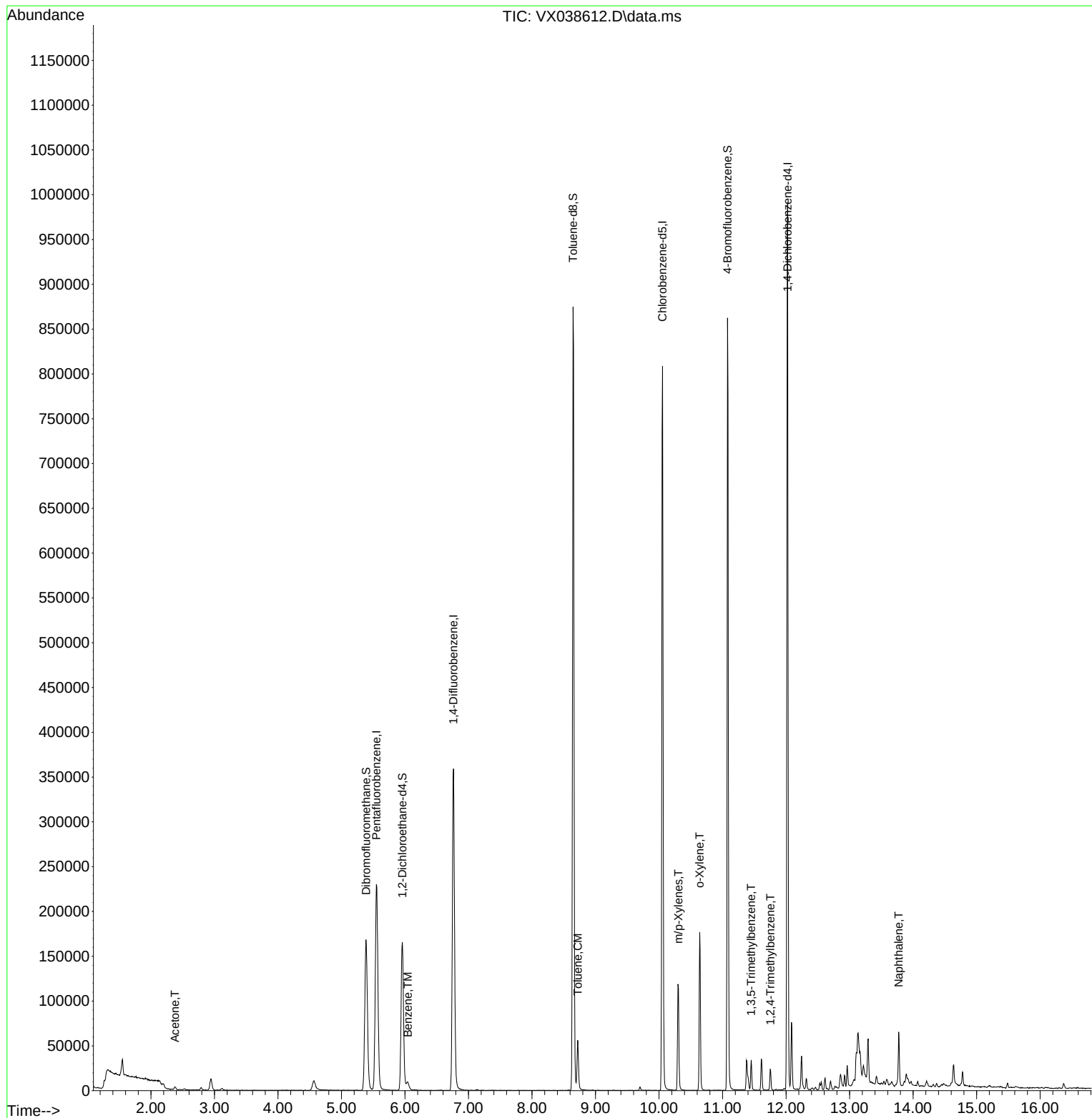
Internal Standards						
1) Pentafluorobenzene	5.550	168	233123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	386226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164613	43.901	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.800%
35) Dibromofluoromethane	5.385	113	147155	52.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	8.647	98	538115	50.601	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	223158	55.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.700%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3213	2.053	ug/l	94
40) Benzene	6.044	78	10693	0.996	ug/l	99
52) Toluene	8.720	92	20695	2.960	ug/l	93
68) m/p-Xylenes	10.305	106	30361	5.301	ug/l	97
69) o-Xylene	10.640	106	39248	7.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14445	1.114	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	11446	0.886	ug/l	99
95) Naphthalene	13.774	128	36394	2.200	ug/l	99

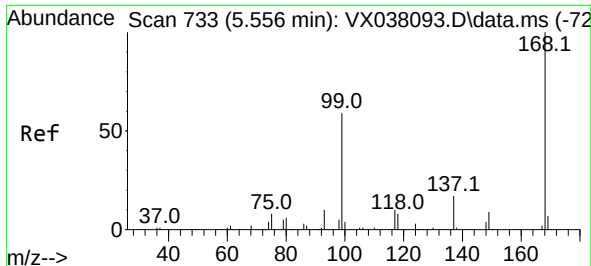
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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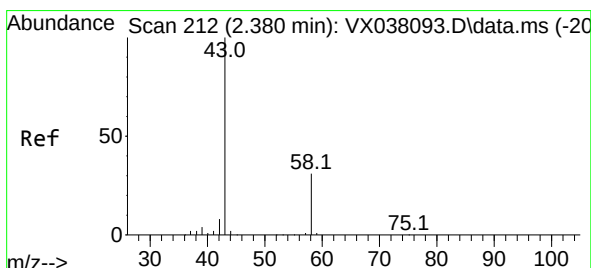
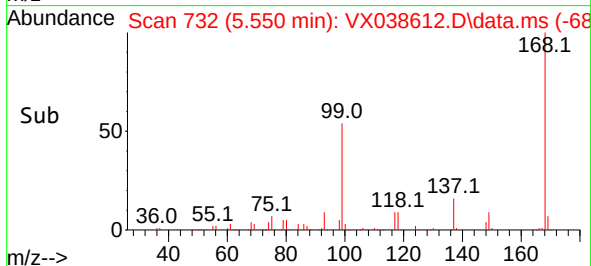
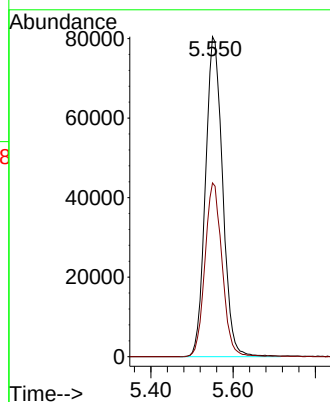
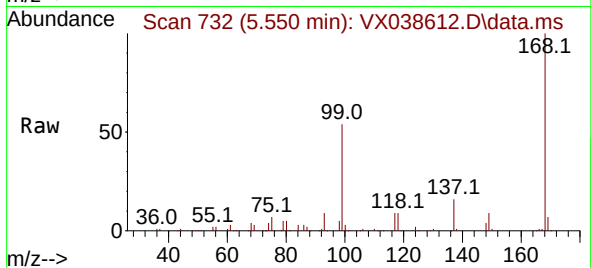




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

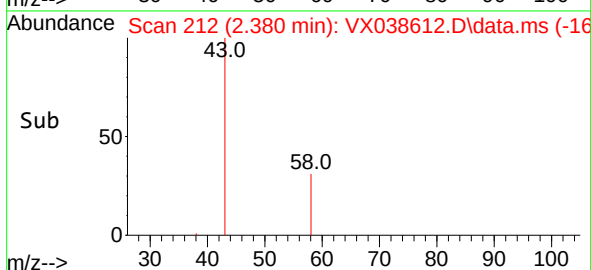
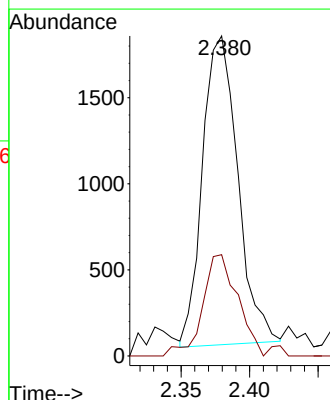
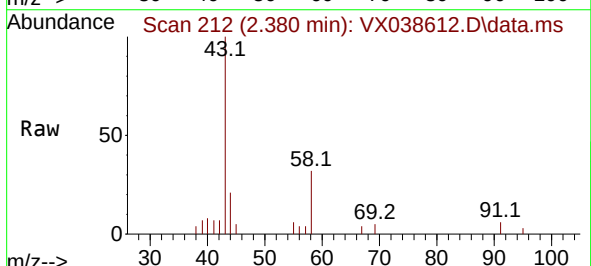
Instrument :
MSVOA_X
ClientSampleId :
1071

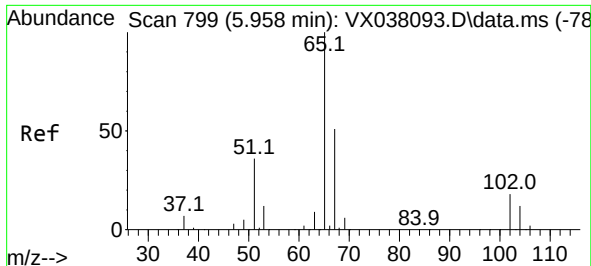
Tgt Ion:168 Resp: 233123
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#16
Acetone
Concen: 2.053 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

Tgt Ion: 43 Resp: 3213
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9

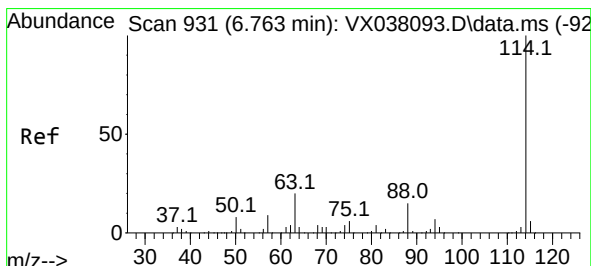
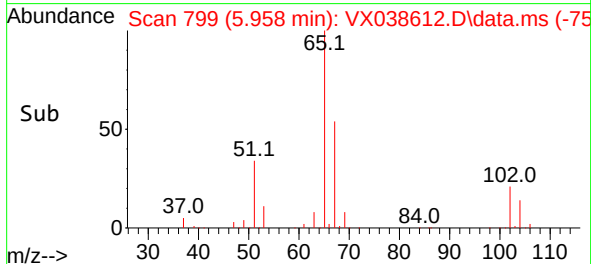
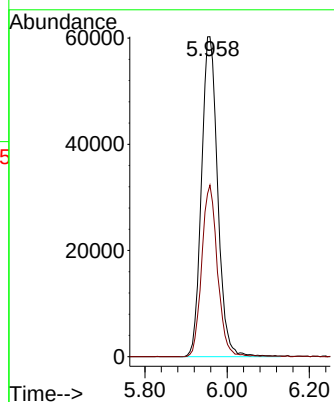
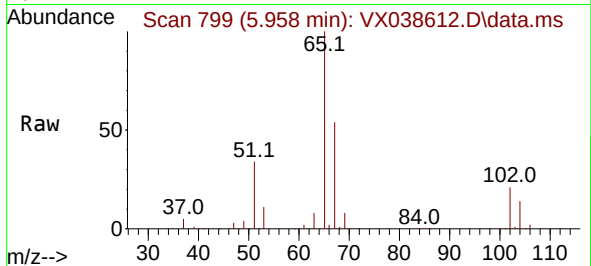




#33
 1,2-Dichloroethane-d4
 Concen: 43.901 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038612.D
 Acq: 27 Oct 2023 18:55

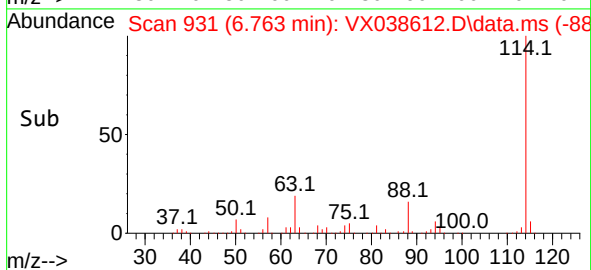
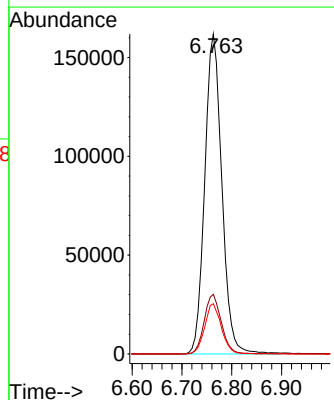
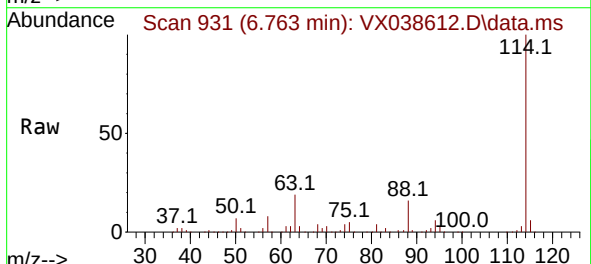
Instrument :
 MSVOA_X
 ClientSampleId :
 1071

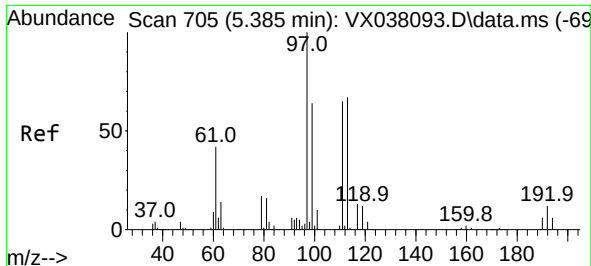
Tgt Ion: 65 Resp: 164613
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038612.D
 Acq: 27 Oct 2023 18:55

Tgt Ion:114 Resp: 386226
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 45.0
 88 15.7 0.0 36.6

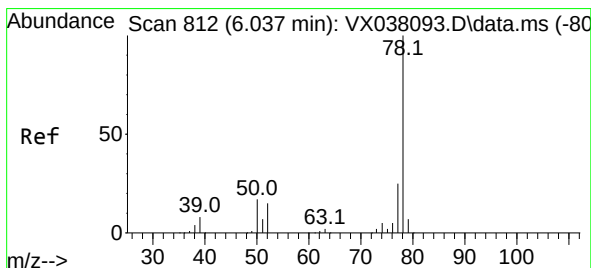
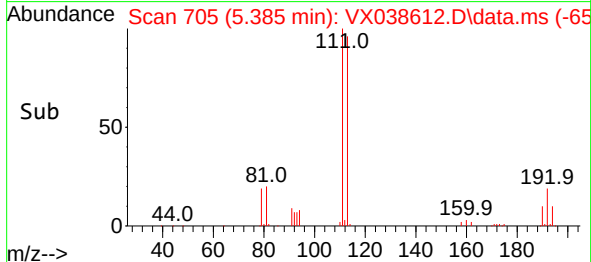
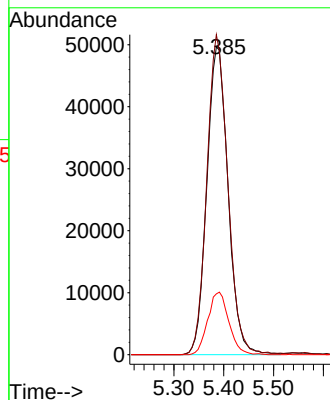
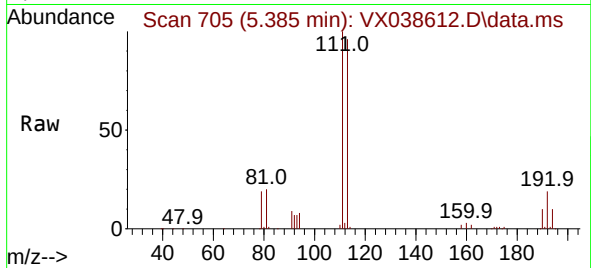




#35
Dibromofluoromethane
Concen: 52.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

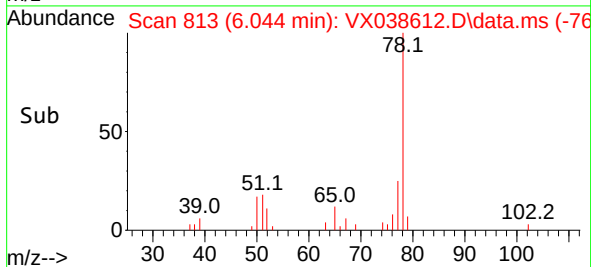
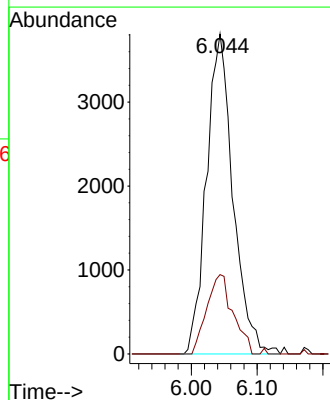
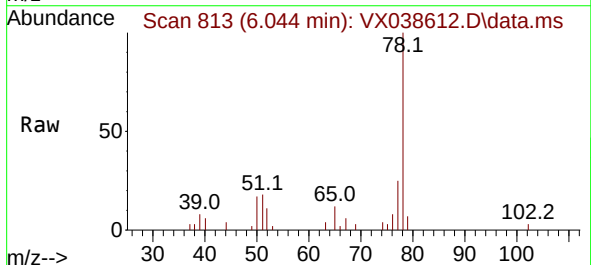
Instrument :
MSVOA_X
ClientSampleId :
1071

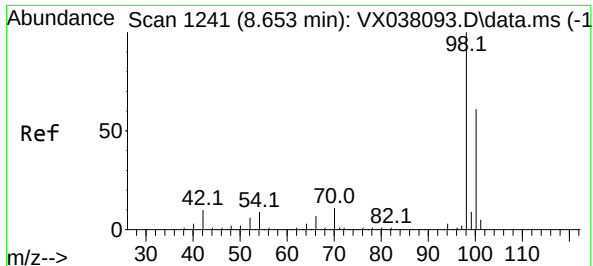
Tgt Ion:113 Resp: 147155
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.1 13.3 19.9#



#40
Benzene
Concen: 0.996 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

Tgt Ion: 78 Resp: 10693
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9

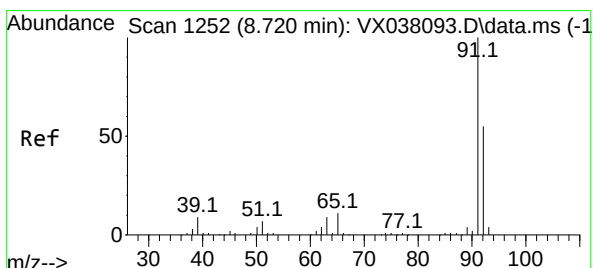
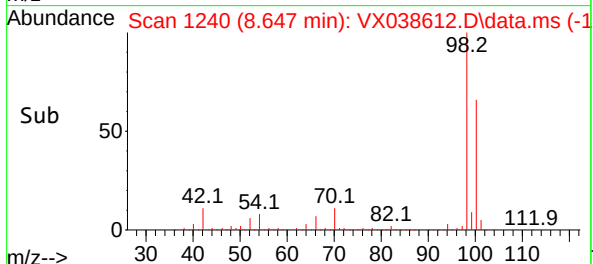
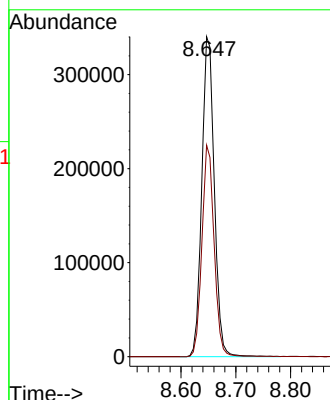
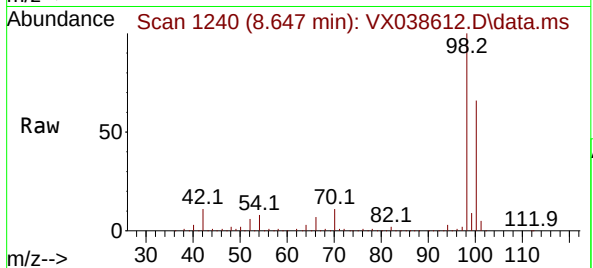




#50
Toluene-d8
Concen: 50.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

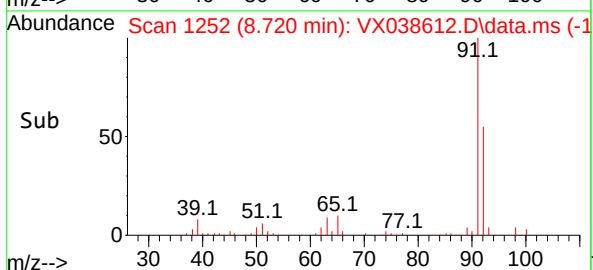
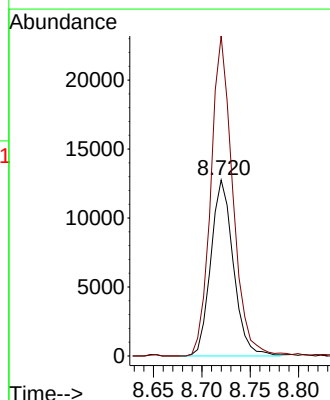
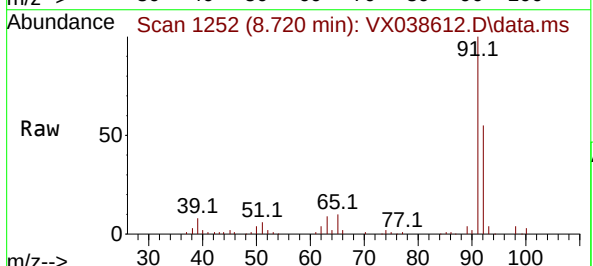
Instrument :
MSVOA_X
ClientSampleId :
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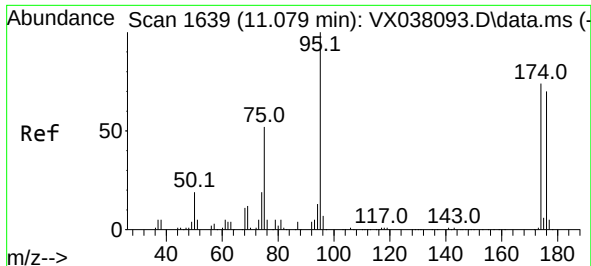
Tgt Ion: 98 Resp: 538115
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#52
Toluene
Concen: 2.960 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

Tgt Ion: 92 Resp: 20695
Ion Ratio Lower Upper
92 100
91 177.9 134.2 201.2

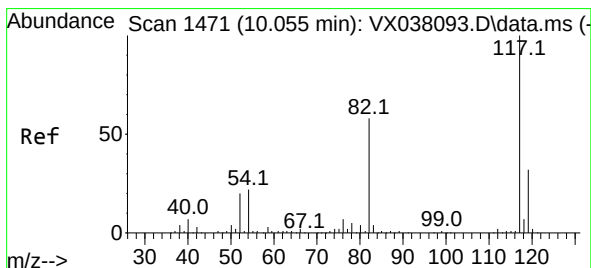
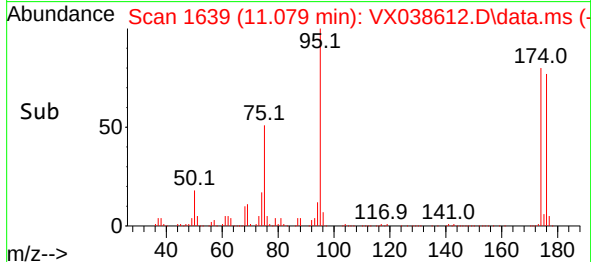
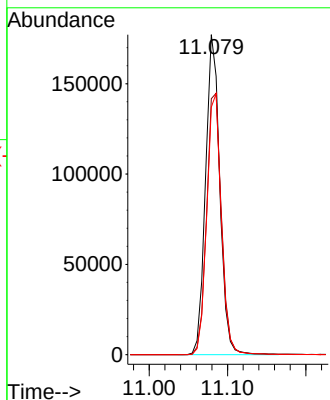
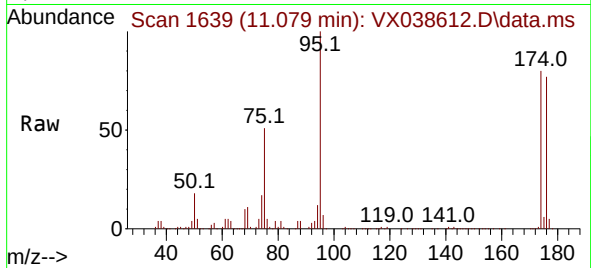




#62
4-Bromofluorobenzene
Concen: 55.351 ug/l
RT: 11.079 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

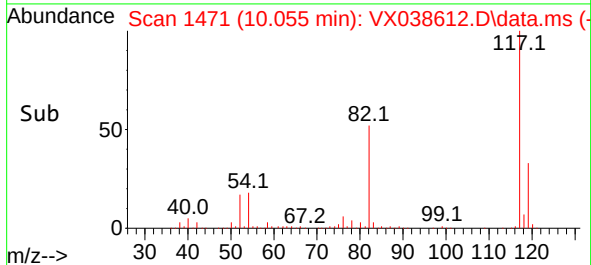
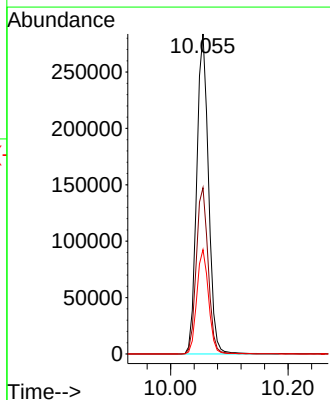
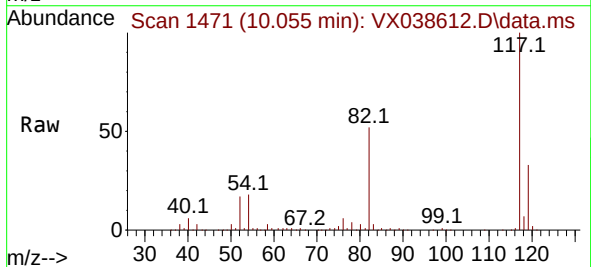
Instrument :
MSVOA_X
ClientSampleId :
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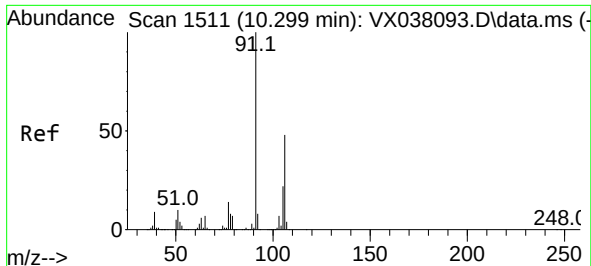
Tgt Ion: 95 Resp: 223158
Ion Ratio Lower Upper
95 100
174 85.3 0.0 135.6
176 83.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

Tgt Ion: 117 Resp: 396569
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 32.6 25.5 38.3

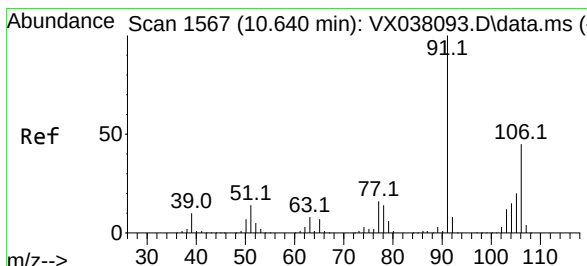
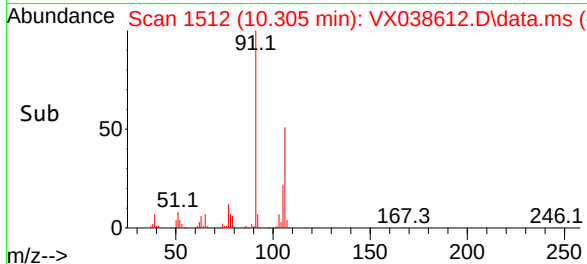
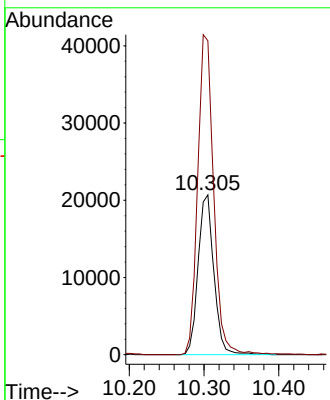
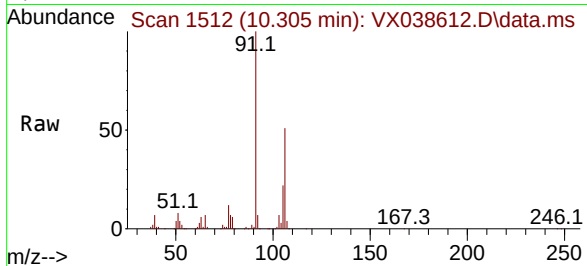




#68
m/p-Xylenes
Concen: 5.301 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

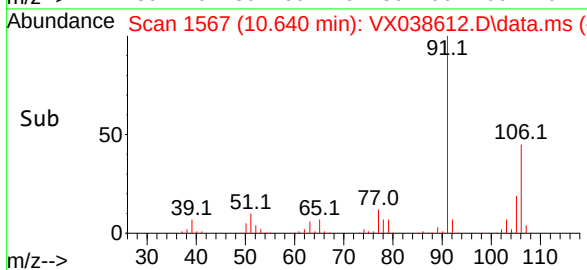
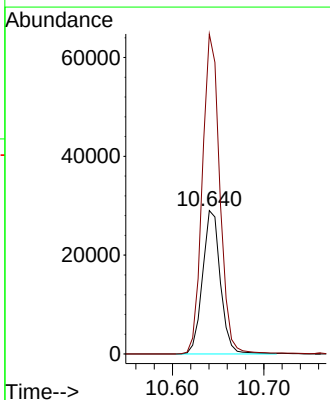
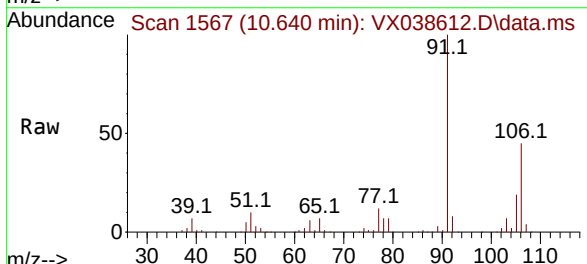
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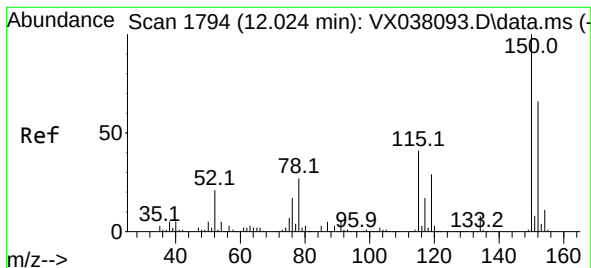
Tgt Ion:106 Resp: 30361
Ion Ratio Lower Upper
106 100
91 203.0 165.5 248.3



#69
o-Xylene
Concen: 7.021 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038612.D
Acq: 27 Oct 2023 18:55

Tgt Ion:106 Resp: 39248
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038612.D

Acq: 27 Oct 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

1071

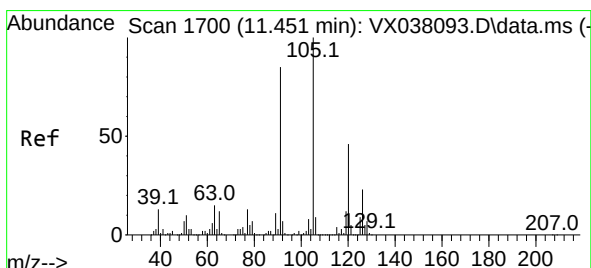
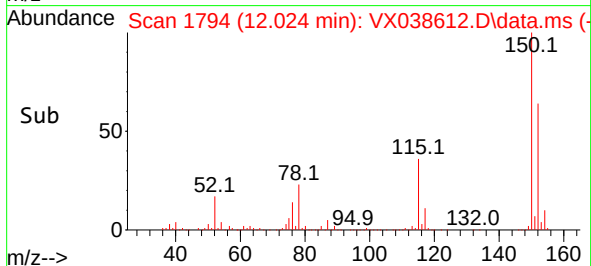
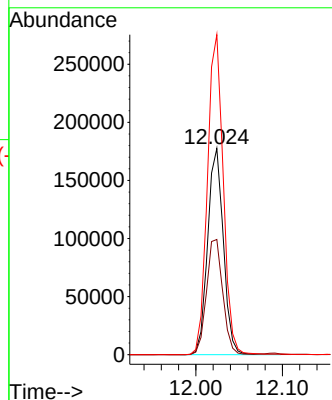
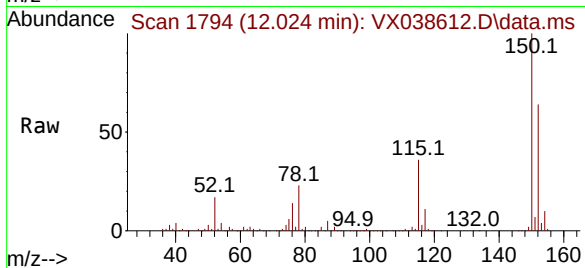
Tgt Ion:152 Resp: 224041

Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 156.2 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 1.114 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038612.D

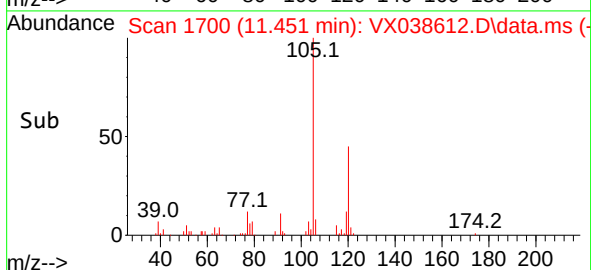
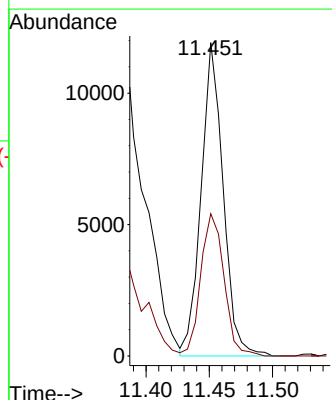
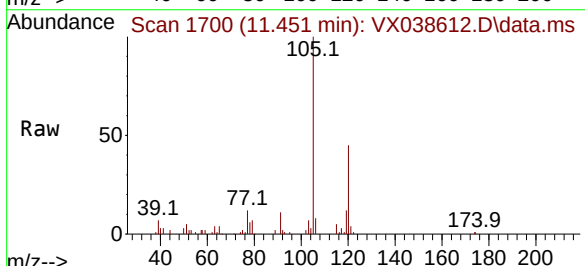
Acq: 27 Oct 2023 18:55

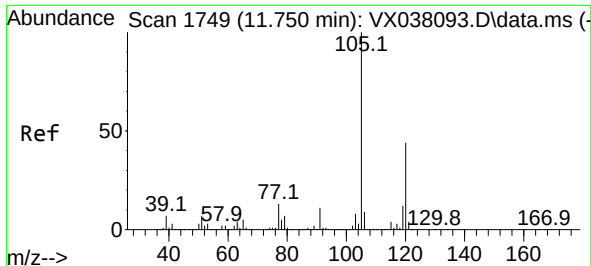
Tgt Ion:105 Resp: 14445

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

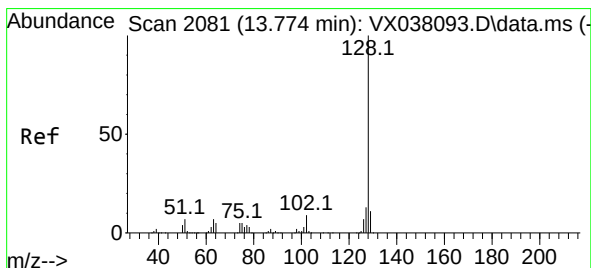
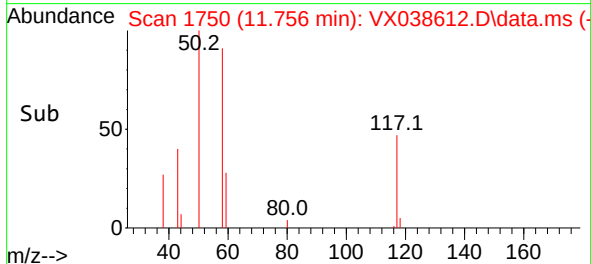
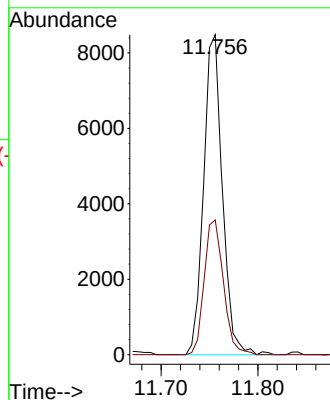
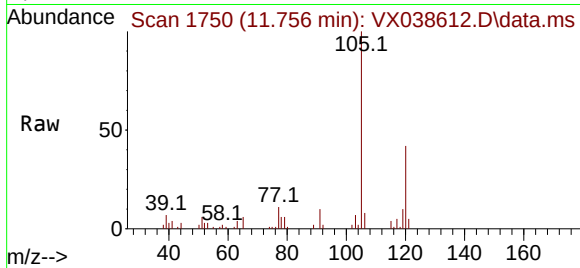




#84
 1,2,4-Trimethylbenzene
 Concen: 0.886 ug/l
 RT: 11.756 min Scan# 11071
 Delta R.T. 0.006 min
 Lab File: VX038612.D
 Acq: 27 Oct 2023 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 1071

Tgt Ion:105 Resp: 11446
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.2 63.6



#95
 Naphthalene
 Concen: 2.200 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX038612.D
 Acq: 27 Oct 2023 18:55

Tgt Ion:128 Resp: 36394
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.4 8.8 13.2

