

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038289.D
 Acq On : 13 Oct 2023 17:02
 Operator : JC/MD
 Sample : 04875-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15

Quant Time: Oct 13 23:14:54 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)

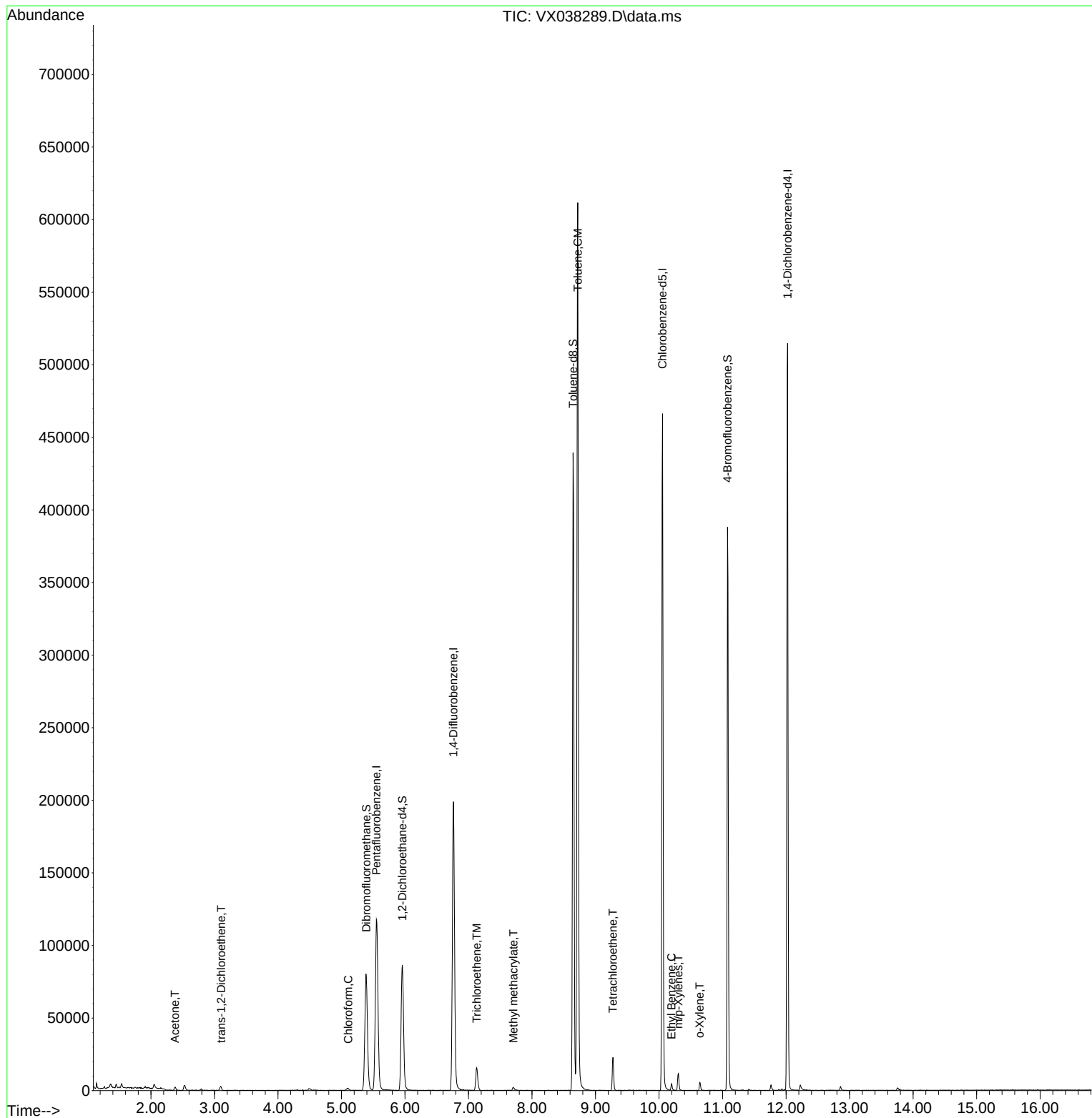
Internal Standards						
1) Pentafluorobenzene	5.550	168	111726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84827	47.204	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.391	113	67576	45.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	262619	46.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	98745	46.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2538	3.384	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	1194	0.943	ug/l #	60
30) Chloroform	5.105	83	1700	0.668	ug/l	93
44) Trichloroethene	7.129	130	5667	3.797	ug/l	95
48) Methyl methacrylate	7.708	41	1191	0.690	ug/l #	80
52) Toluene	8.720	92	229891	61.847	ug/l	92
64) Tetrachloroethene	9.275	164	4334	3.159	ug/l	92
67) Ethyl Benzene	10.195	91	2918	0.369	ug/l	100
68) m/p-Xylenes	10.305	106	2980	0.974	ug/l	96
69) o-Xylene	10.640	106	1475	0.494	ug/l	93

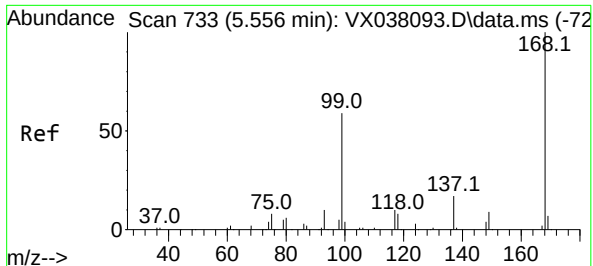
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

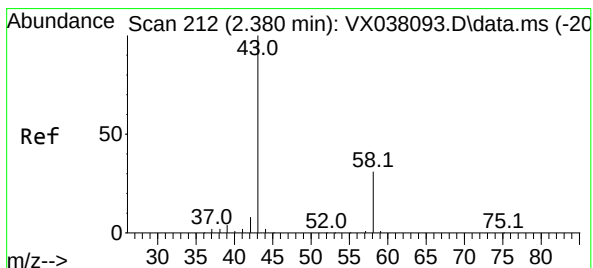
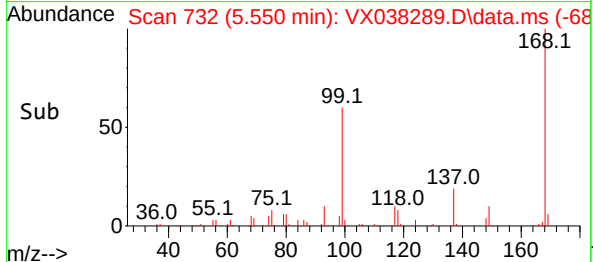
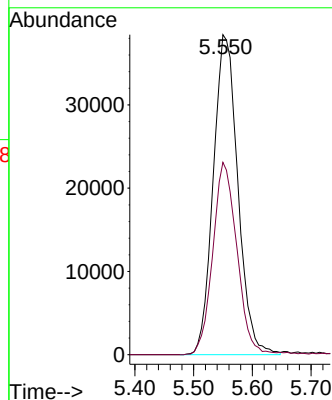
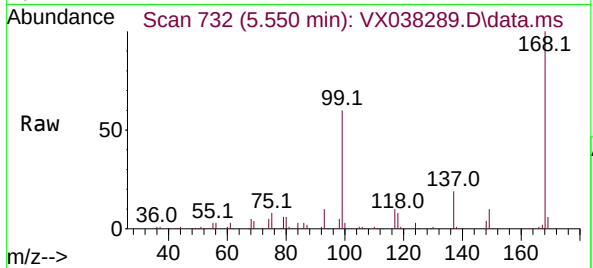




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

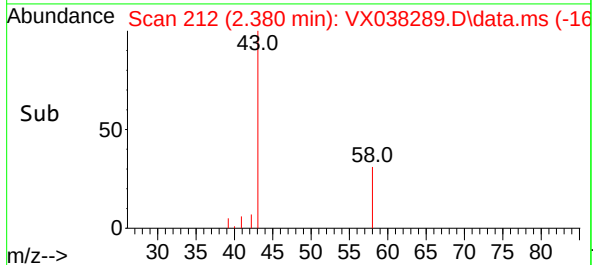
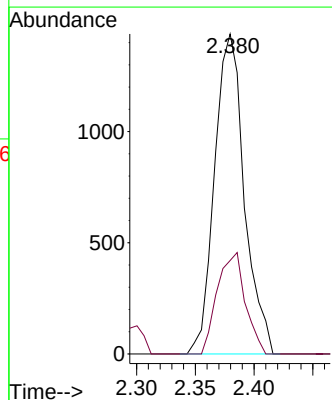
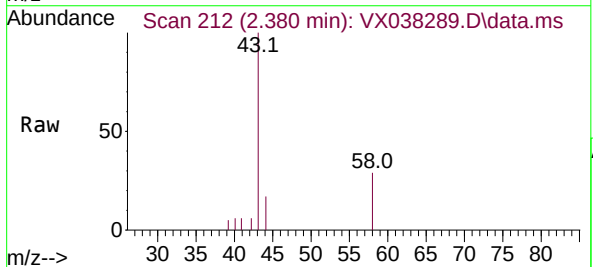
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15

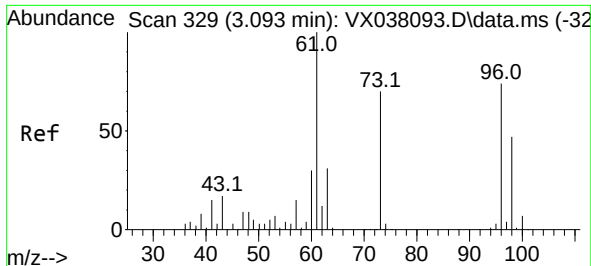
Tgt Ion:168 Resp: 111726
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 3.384 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9

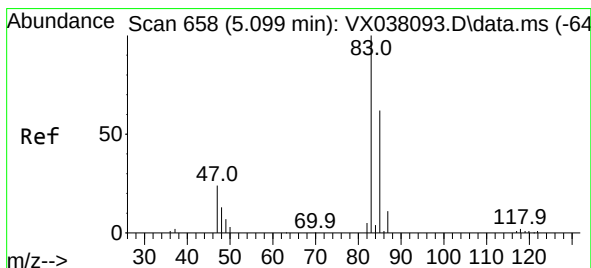
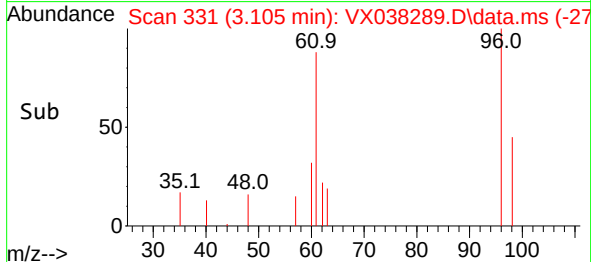
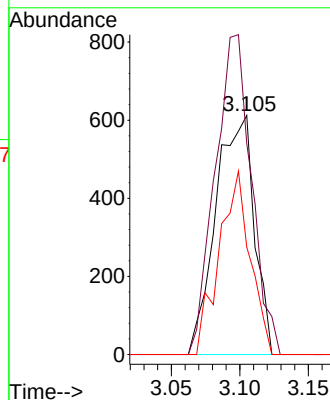
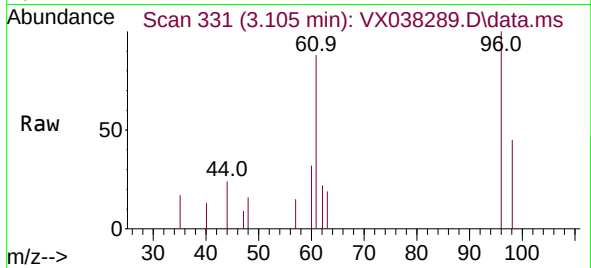




#21
trans-1,2-Dichloroethene
Concen: 0.943 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

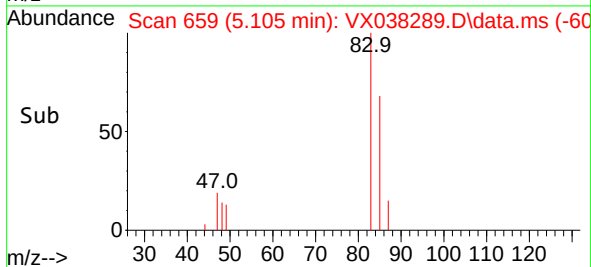
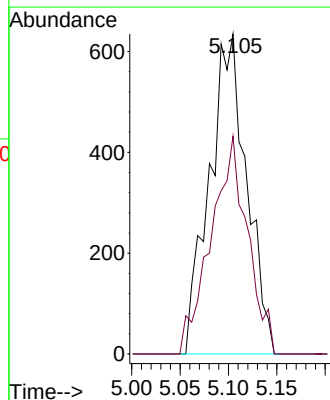
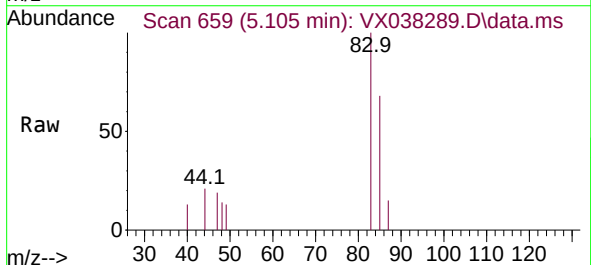
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15

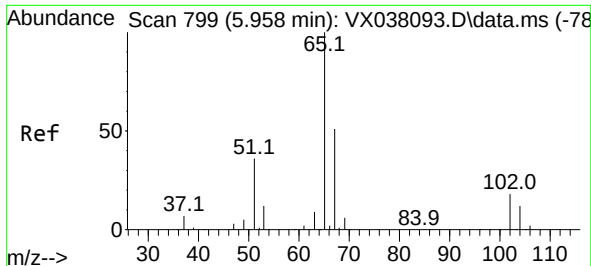
Tgt Ion: 96 Resp: 1194
Ion Ratio Lower Upper
96 100
61 88.2 119.2 178.8#
98 44.9 48.7 73.1#



#30
Chloroform
Concen: 0.668 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion: 83 Resp: 1700
Ion Ratio Lower Upper
83 100
85 68.0 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.204 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038289.D

Acq: 13 Oct 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

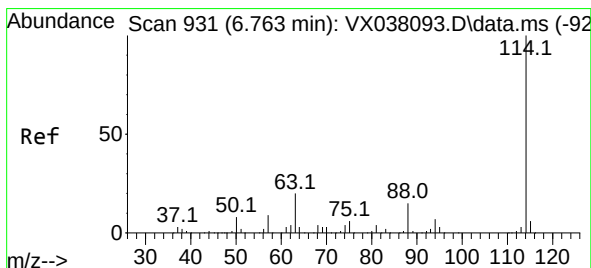
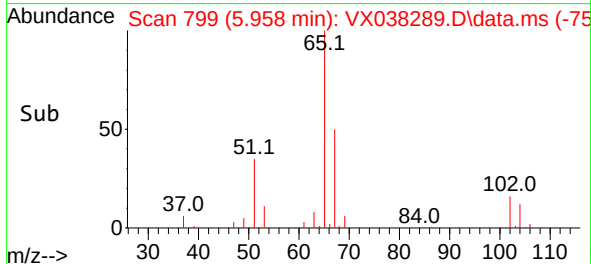
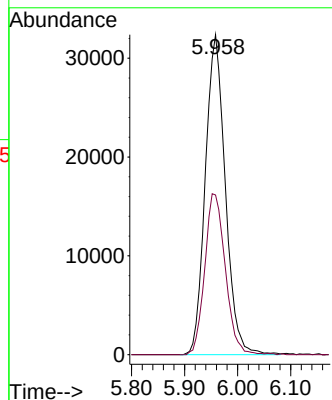
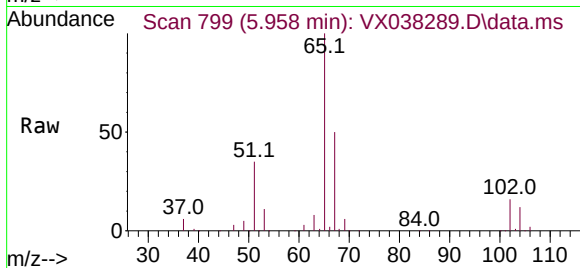
GW-14-12-15

Tgt Ion: 65 Resp: 84827

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038289.D

Acq: 13 Oct 2023 17:02

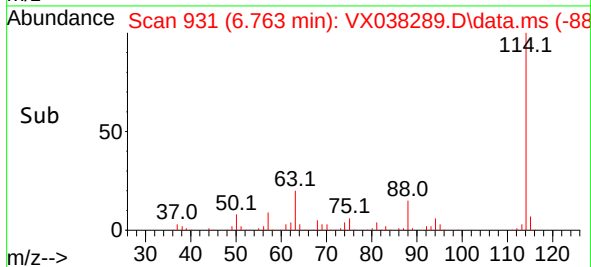
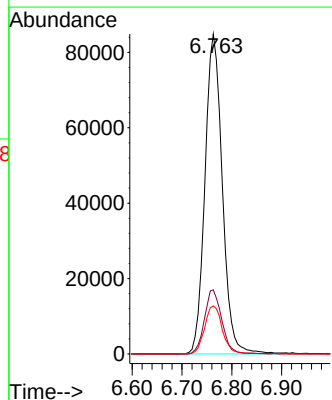
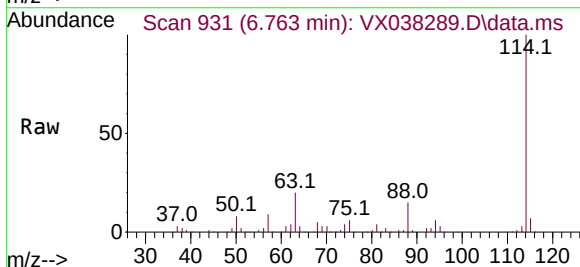
Tgt Ion: 114 Resp: 205321

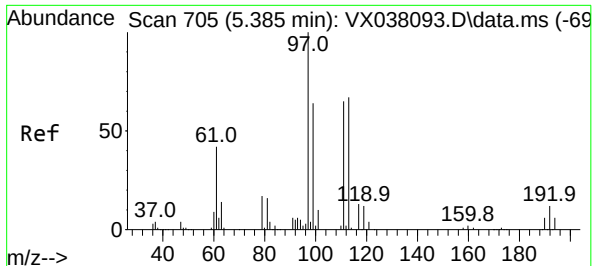
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.0 0.0 36.6

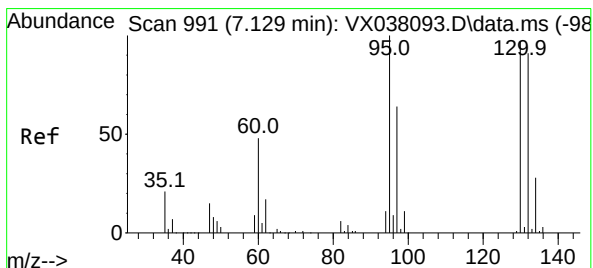
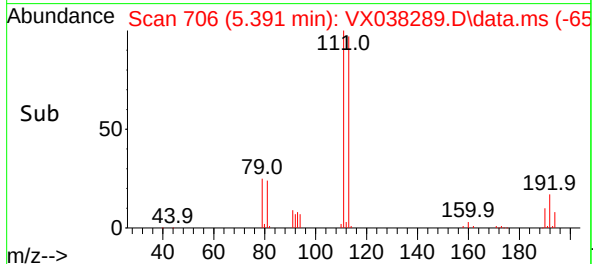
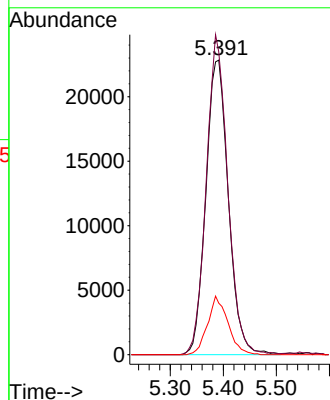
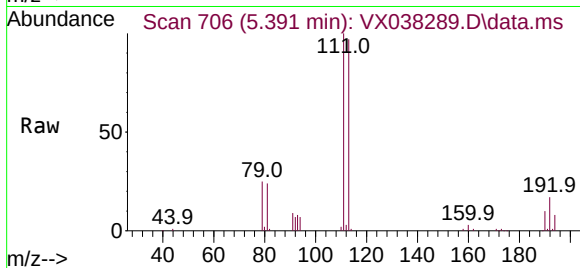




#35
 Dibromofluoromethane
 Concen: 45.676 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX038289.D
 Acq: 13 Oct 2023 17:02

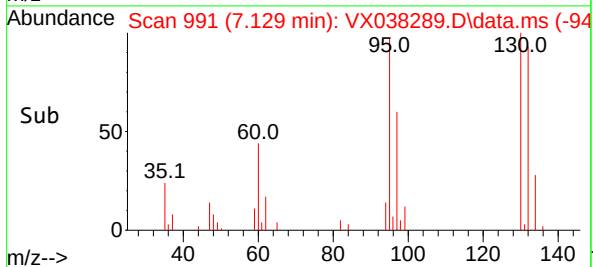
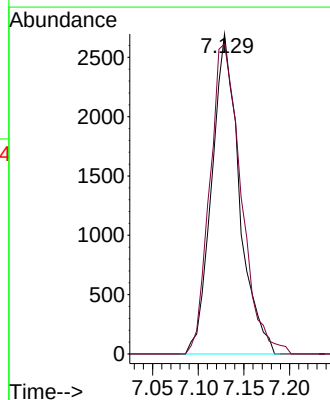
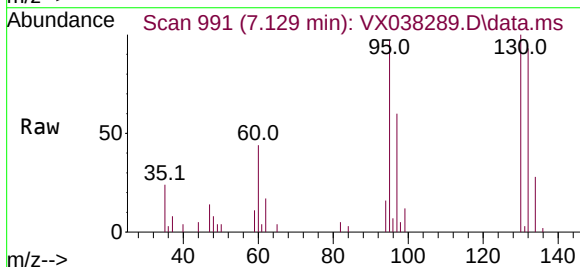
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15

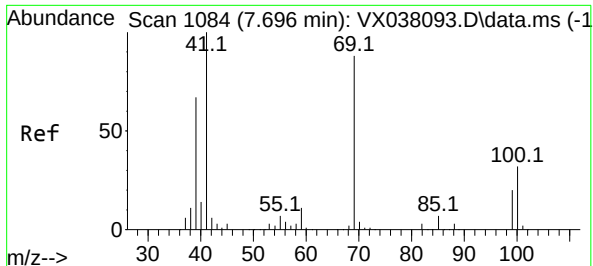
Tgt Ion:113 Resp: 67576
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 17.9 13.3 19.9



#44
 Trichloroethene
 Concen: 3.797 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX038289.D
 Acq: 13 Oct 2023 17:02

Tgt Ion:130 Resp: 5667
 Ion Ratio Lower Upper
 130 100
 95 96.9 0.0 204.4

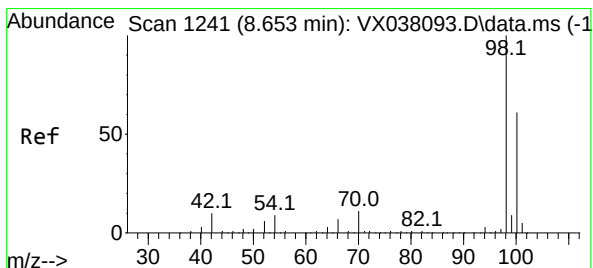
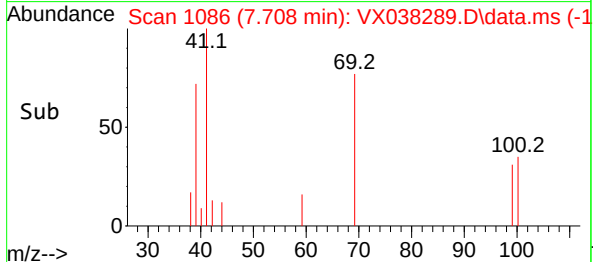
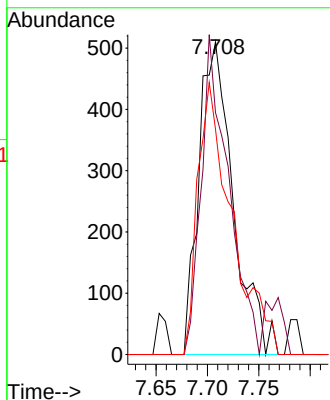
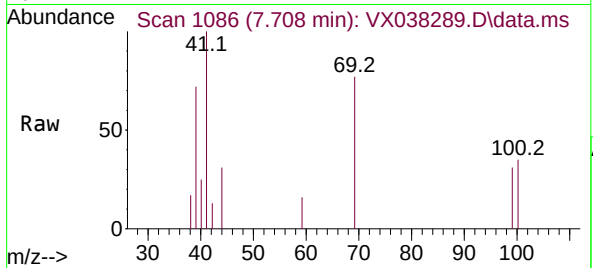




#48
Methyl methacrylate
Concen: 0.690 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

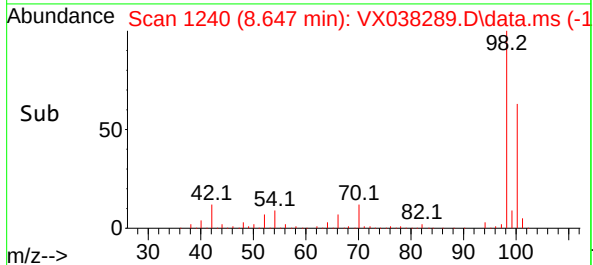
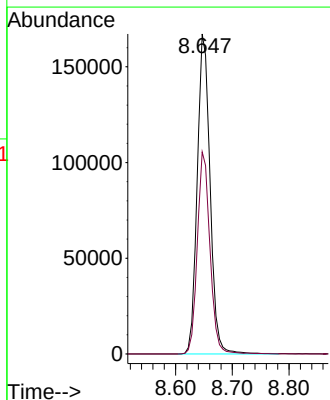
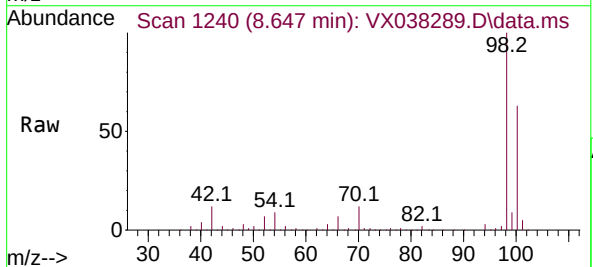
Instrument :
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ClientSampleId :
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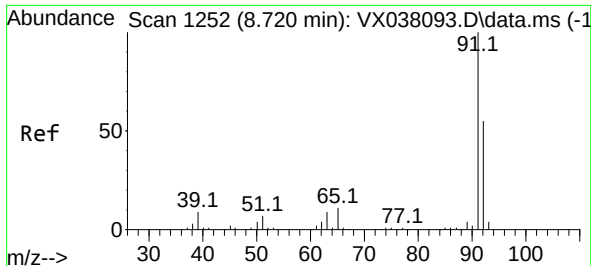
Tgt Ion: 41 Resp: 1191
Ion Ratio Lower Upper
41 100
69 80.7 59.2 88.8
39 86.1 47.7 71.5#



#50
Toluene-d8
Concen: 46.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion: 98 Resp: 262619
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7

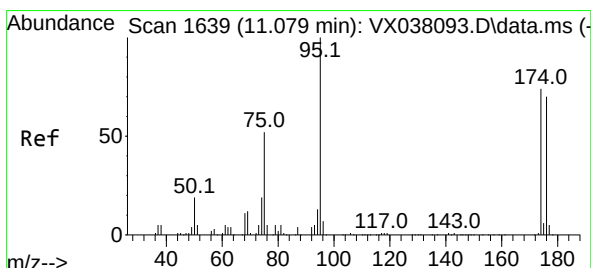
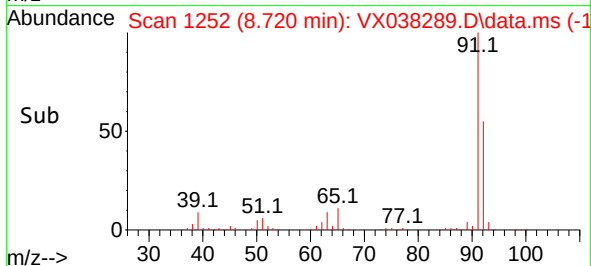
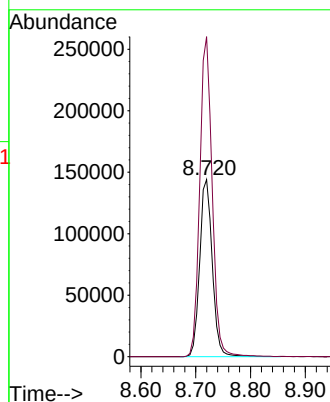
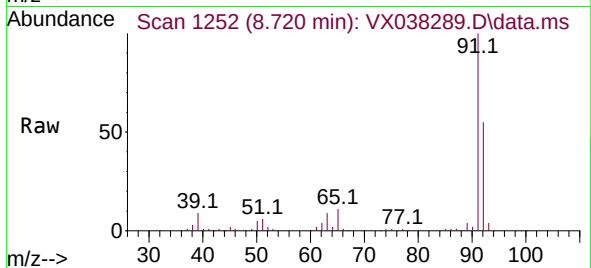




#52
Toluene
Concen: 61.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

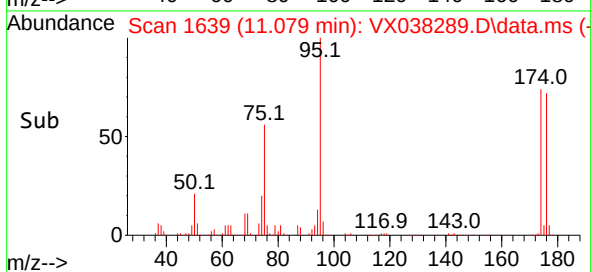
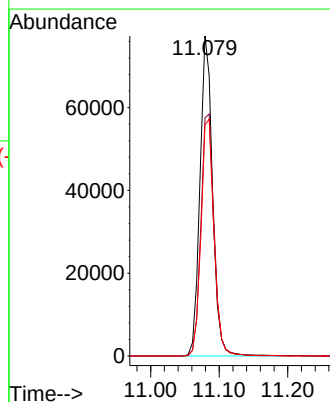
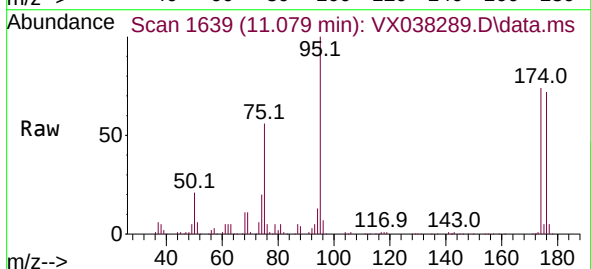
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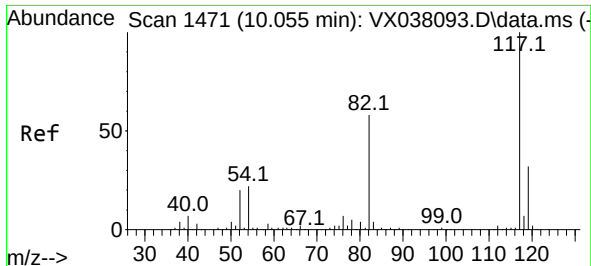
Tgt Ion: 92 Resp: 229891
Ion Ratio Lower Upper
92 100
91 178.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion: 95 Resp: 98745
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 76.7 0.0 131.0

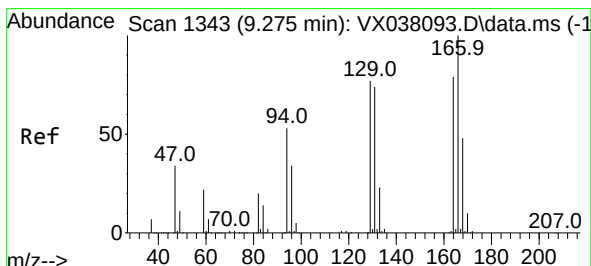
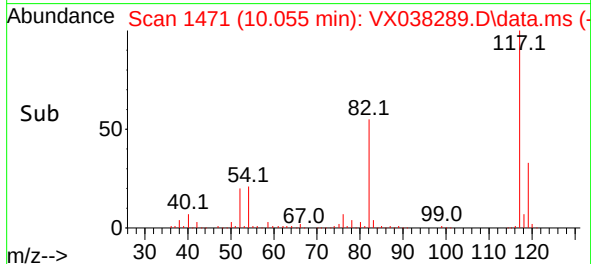
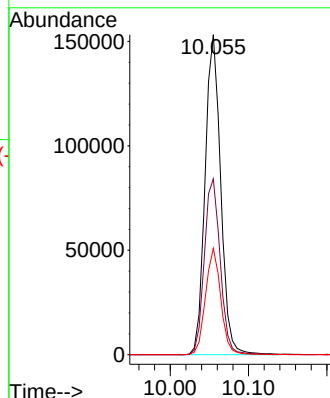
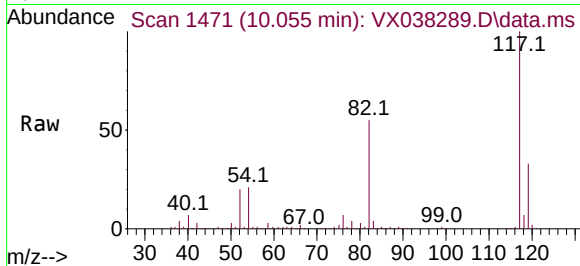




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

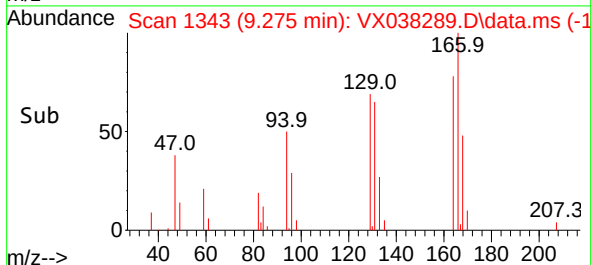
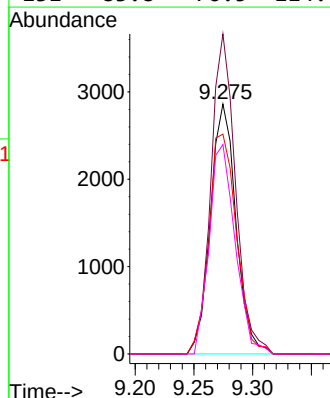
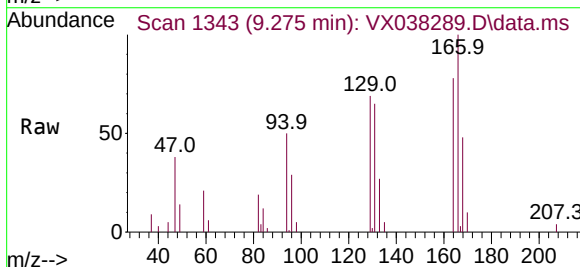
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15

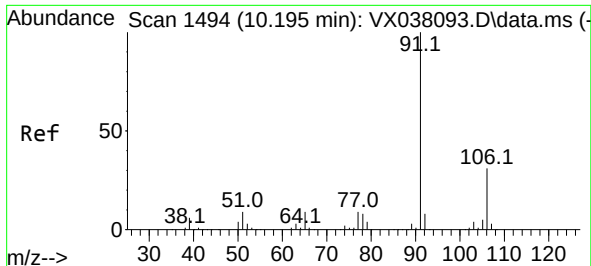
Tgt Ion:117 Resp: 211924
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 3.159 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion:164 Resp: 4334
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 88.0 80.4 120.6
131 83.8 76.5 114.7





#67

Ethyl Benzene

Concen: 0.369 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038289.D

Acq: 13 Oct 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

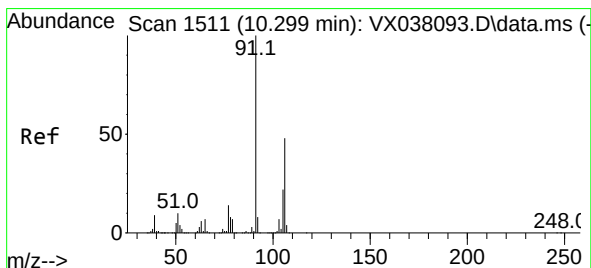
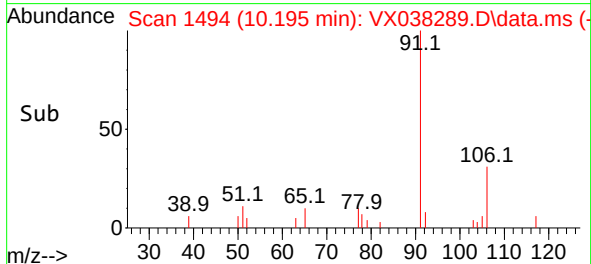
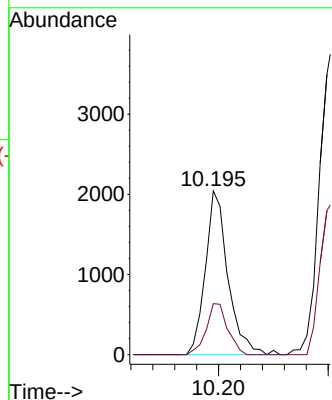
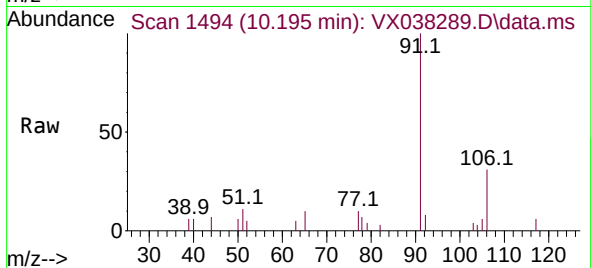
GW-14-12-15

Tgt Ion: 91 Resp: 2918

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 0.974 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX038289.D

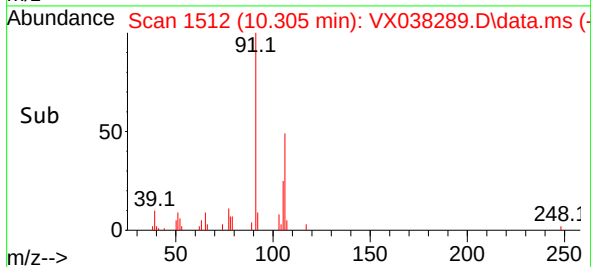
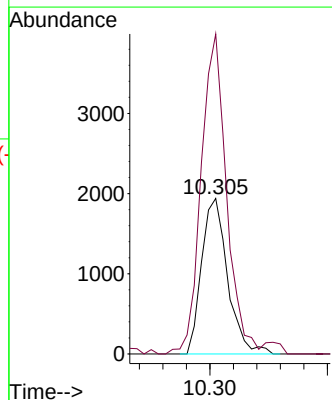
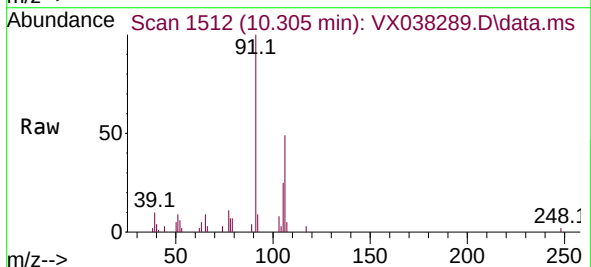
Acq: 13 Oct 2023 17:02

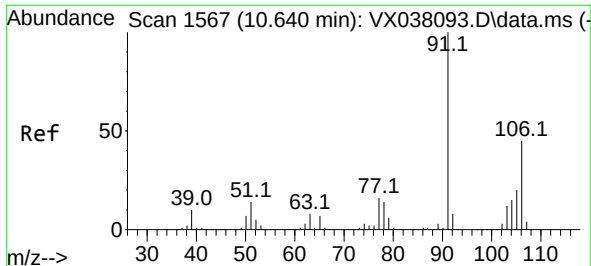
Tgt Ion: 106 Resp: 2980

Ion Ratio Lower Upper

106 100

91 200.6 165.5 248.3

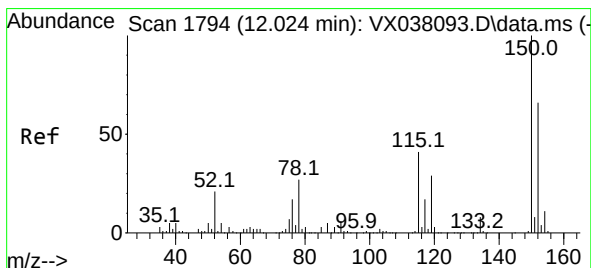
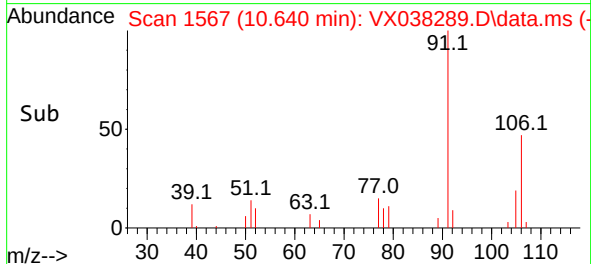
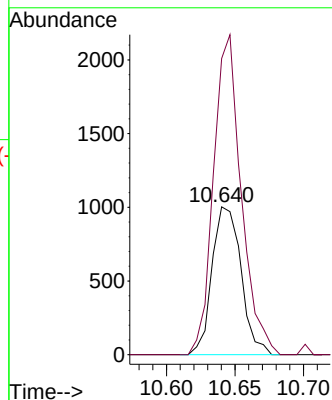
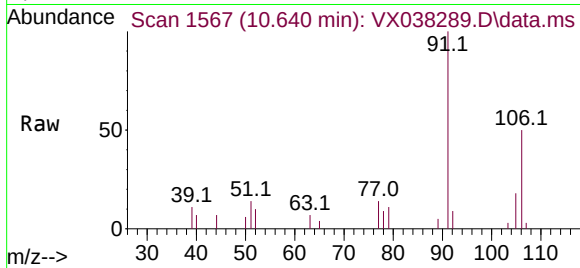




#69
o-Xylene
Concen: 0.494 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15

Tgt Ion:106 Resp: 1475
Ion Ratio Lower Upper
106 100
91 207.3 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038289.D
Acq: 13 Oct 2023 17:02

Tgt Ion:152 Resp: 106043
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 156.1 0.0 345.0

