

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038048.D
 Acq On : 03 Oct 2023 19:39
 Operator : JC/MD
 Sample : 04566-05ME
 Misc : 4.55g/5.0 mL/100uL/5.0mL/MSVOA_X/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B102-08-1(8-8.5)ME

Quant Time: Oct 04 09:15:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

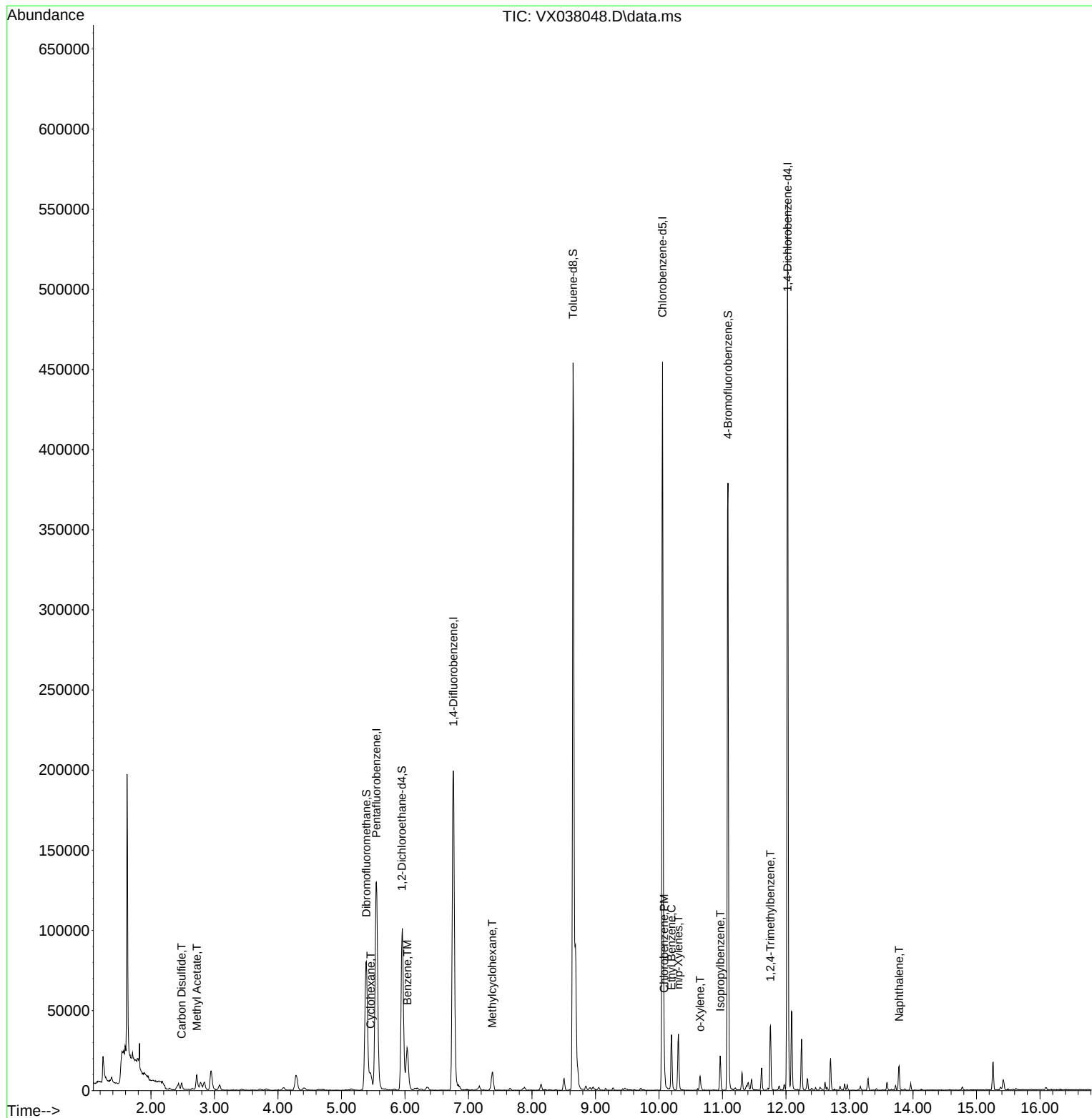
Internal Standards						
1) Pentafluorobenzene	5.550	168	121076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98175	52.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.220%	
35) Dibromofluoromethane	5.391	113	68645	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.720%	
50) Toluene-d8	8.647	98	270613	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	11.085	95	97309	48.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.483	76	3840	1.184	ug/l	98
18) Methyl Acetate	2.721	43	11166	3.139	ug/l	99
31) Cyclohexane	5.458	56	6382	2.897	ug/l	91
39) Methylcyclohexane	7.373	83	4986	1.996	ug/l #	87
40) Benzene	6.038	78	31034	5.205	ug/l	99
65) Chlorobenzene	10.080	112	6081	1.502	ug/l	100
67) Ethyl Benzene	10.195	91	20300	2.788	ug/l	100
68) m/p-Xylenes	10.305	106	7669	2.750	ug/l	91
69) o-Xylene	10.647	106	1922m	0.726	ug/l	
73) Isopropylbenzene	10.964	105	10587	1.490	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	18519	3.036	ug/l	95
95) Naphthalene	13.780	128	10209	1.313	ug/l	98

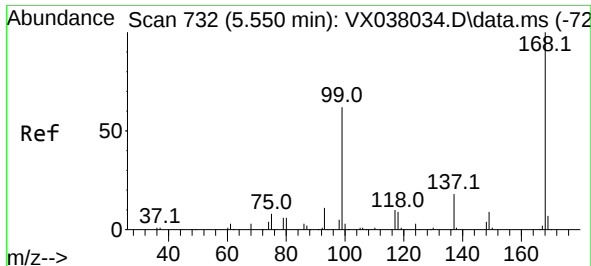
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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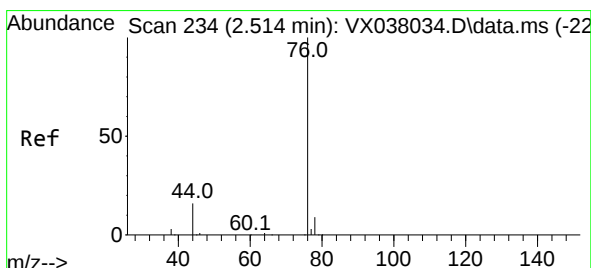
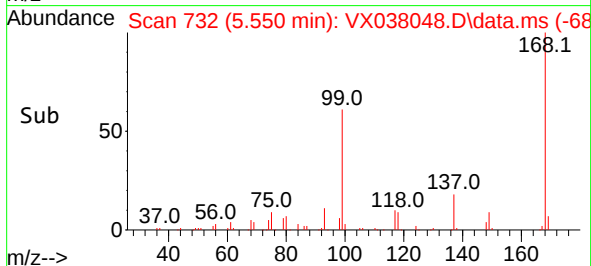
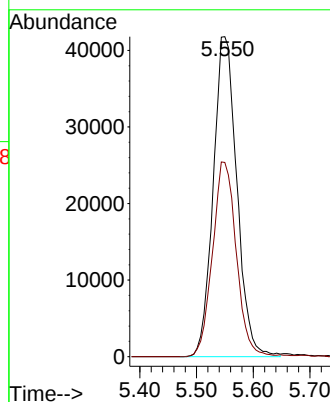
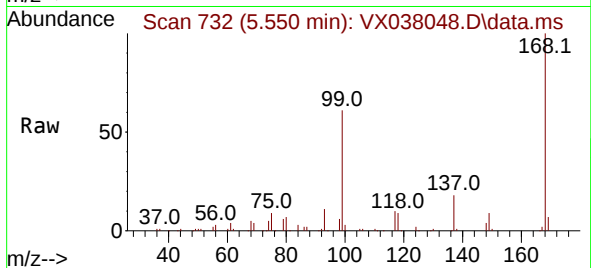




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

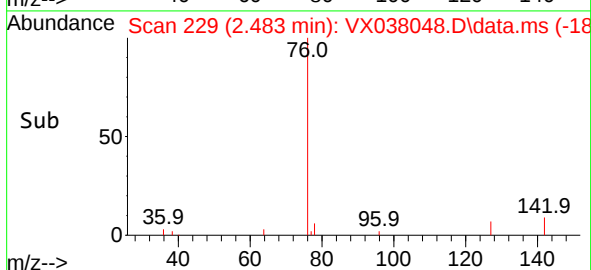
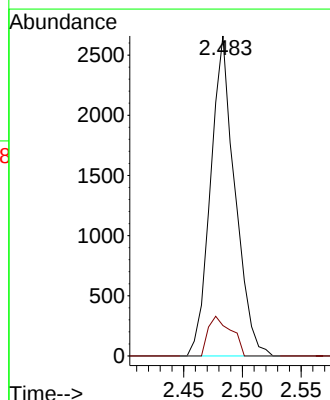
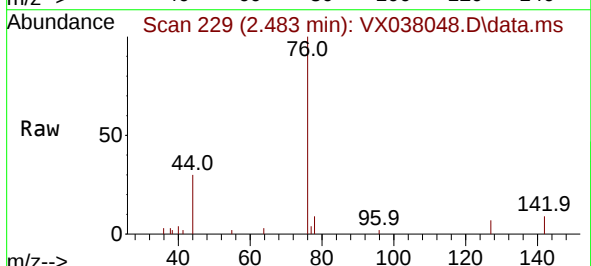
Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

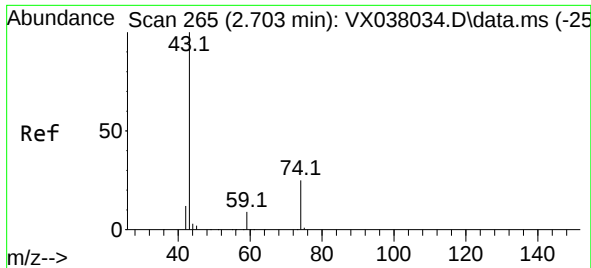
Tgt Ion:168 Resp: 121076
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#17
Carbon Disulfide
Concen: 1.184 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.031 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion: 76 Resp: 3840
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

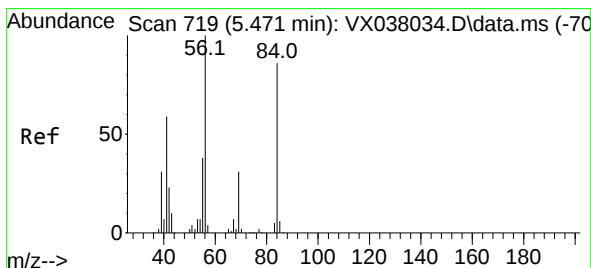
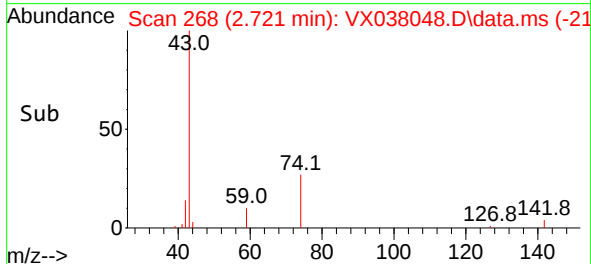
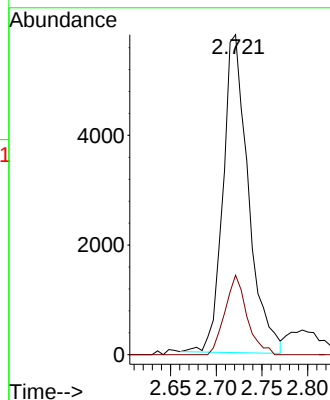
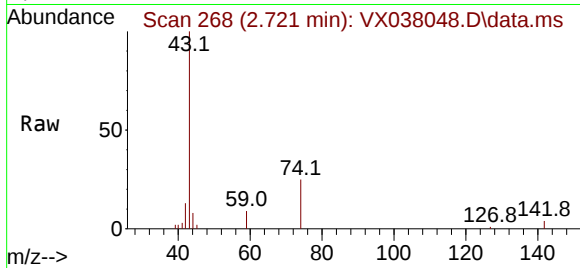




#18
Methyl Acetate
Concen: 3.139 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

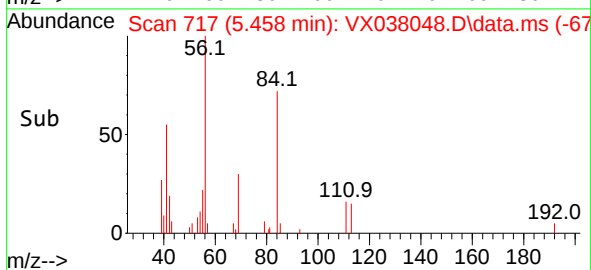
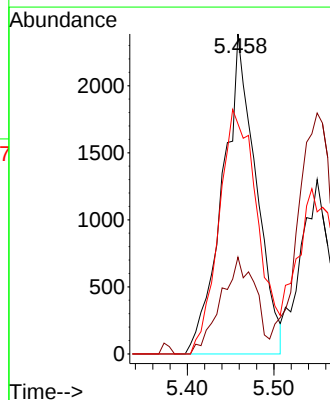
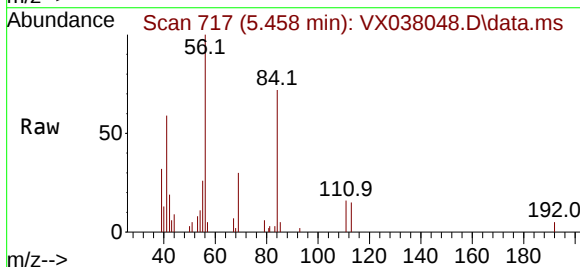
Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

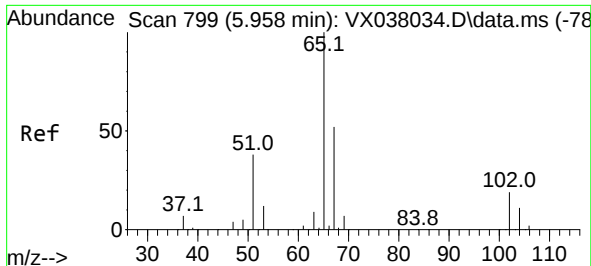
Tgt Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#31
Cyclohexane
Concen: 2.897 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.013 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion: 56 Resp: 6382
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 71.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 52.113 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038048.D

Acq: 03 Oct 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

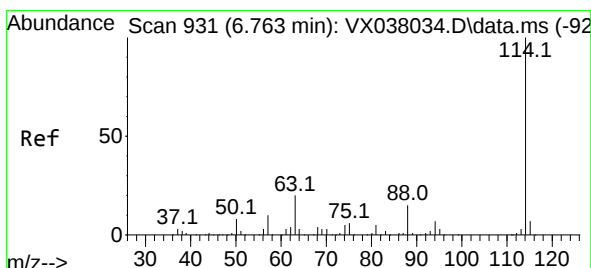
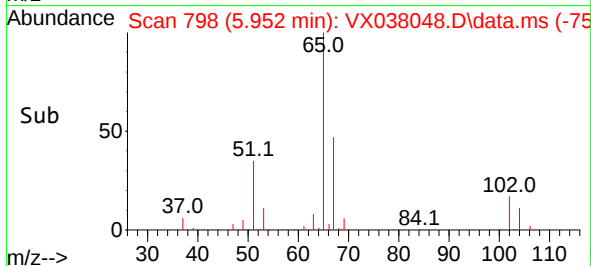
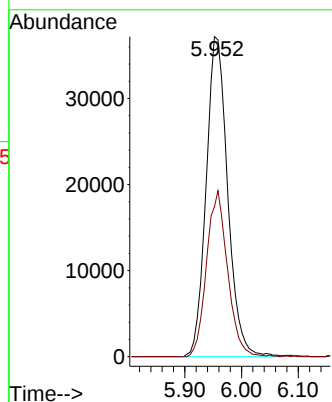
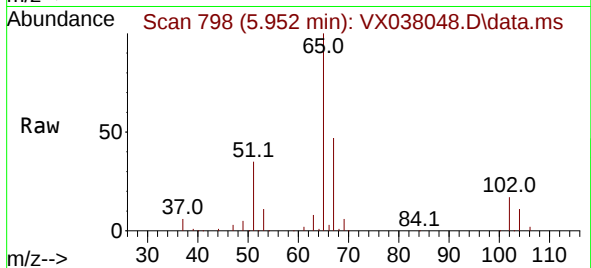
B102-08-1(8-8.5)ME

Tgt Ion: 65 Resp: 98175

Ion Ratio Lower Upper

65 100

67 50.6 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: VX038048.D

Acq: 03 Oct 2023 19:39

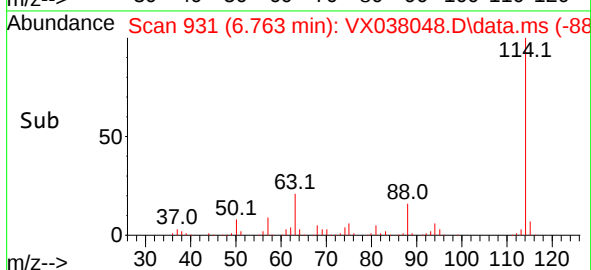
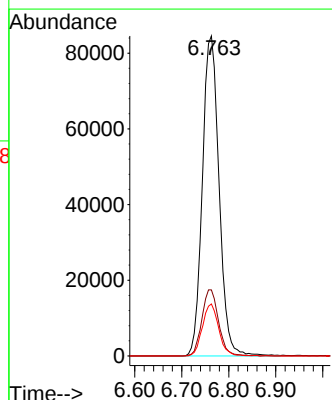
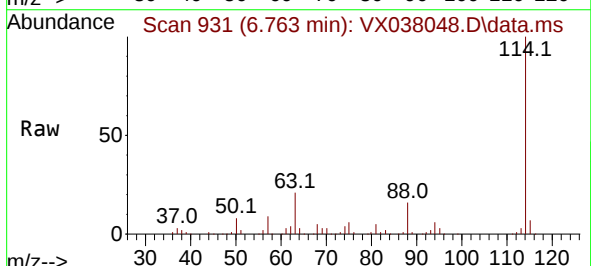
Tgt Ion: 114 Resp: 209048

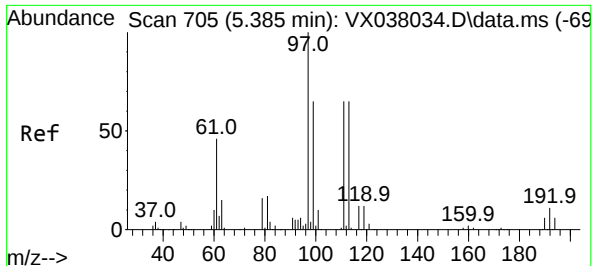
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.2 0.0 36.6

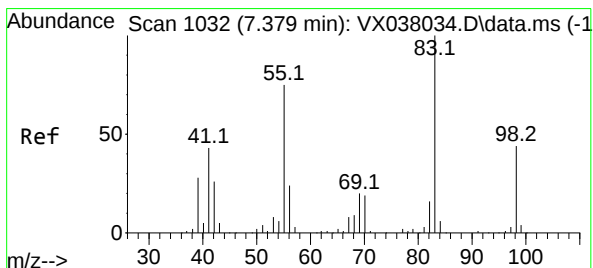
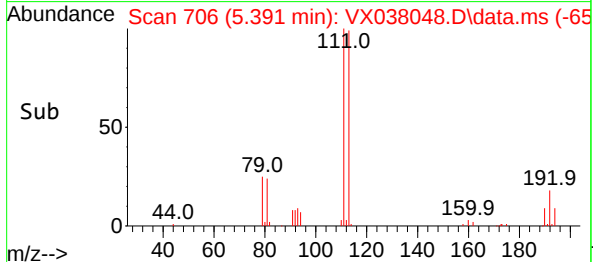
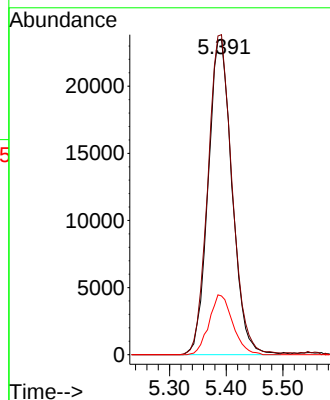
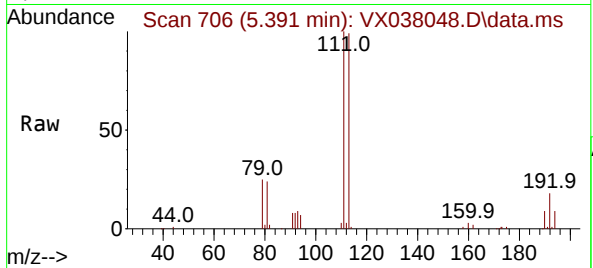




#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

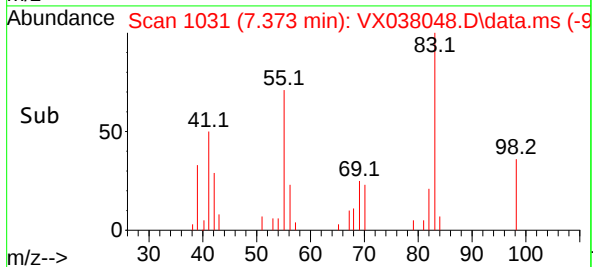
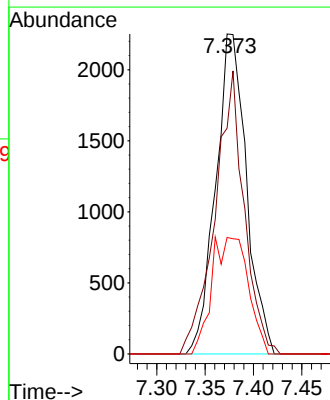
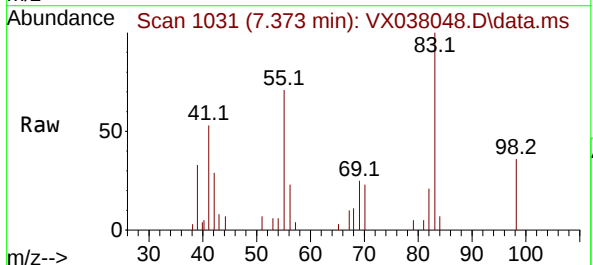
Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

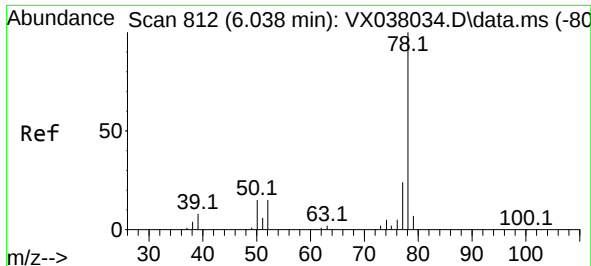
Tgt Ion:113 Resp: 68645
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.8 13.3 19.9



#39
Methylcyclohexane
Concen: 1.996 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion: 83 Resp: 4986
Ion Ratio Lower Upper
83 100
55 70.6 64.6 97.0
98 36.4 36.7 55.1#





#40

Benzene

Concen: 5.205 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038048.D

Acq: 03 Oct 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

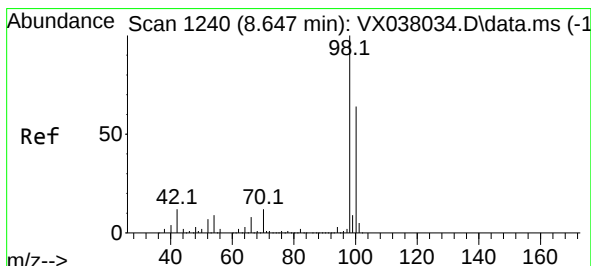
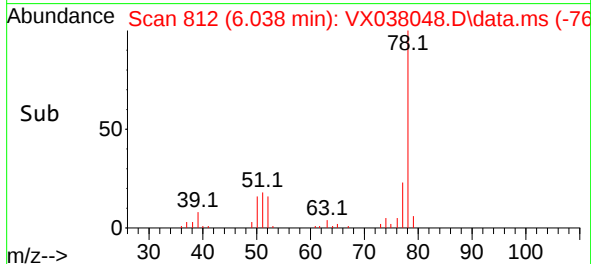
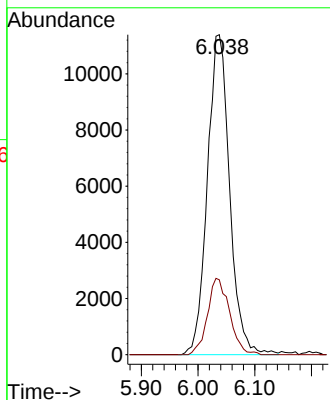
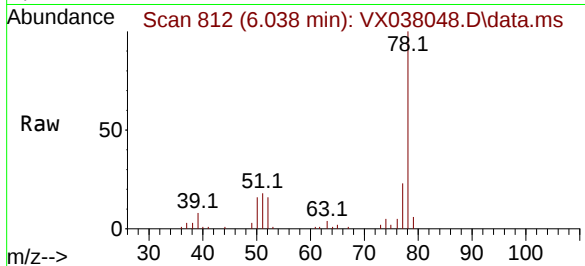
B102-08-1(8-8.5)ME

Tgt Ion: 78 Resp: 31034

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



#50

Toluene-d8

Concen: 49.305 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038048.D

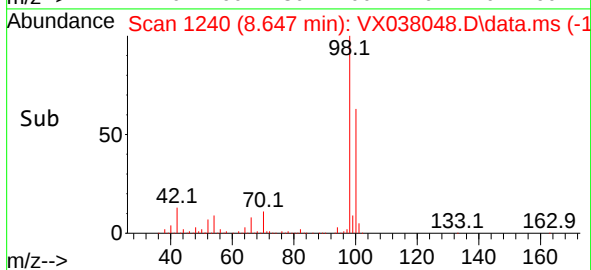
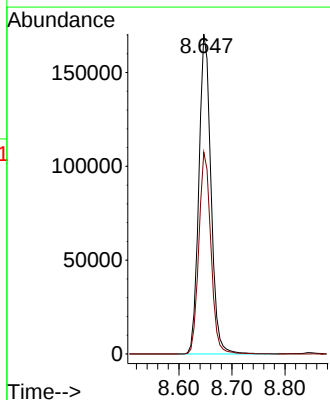
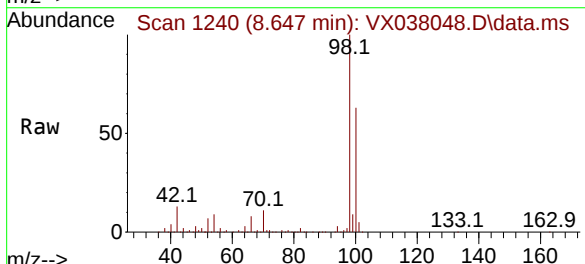
Acq: 03 Oct 2023 19:39

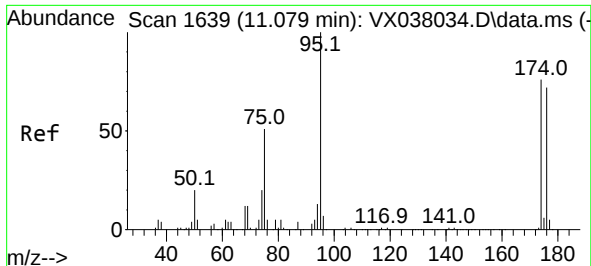
Tgt Ion: 98 Resp: 270613

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.715 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038048.D

Acq: 03 Oct 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

B102-08-1(8-8.5)ME

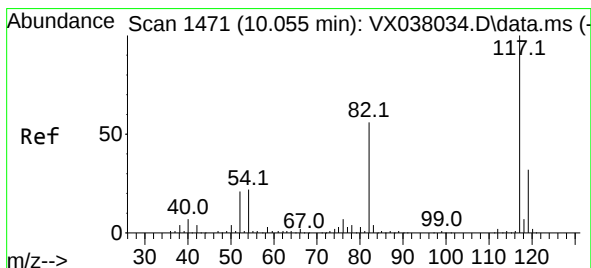
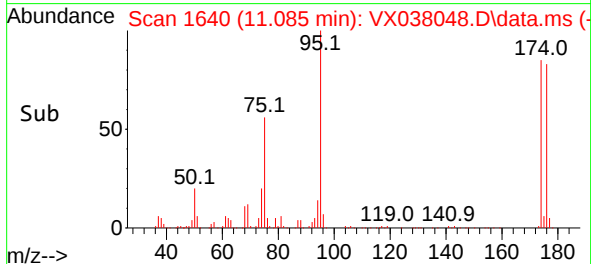
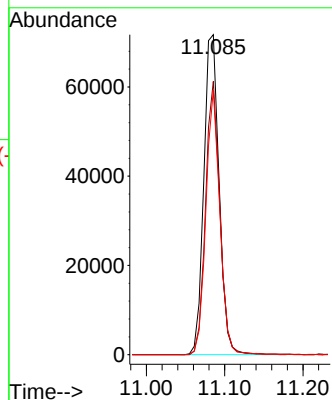
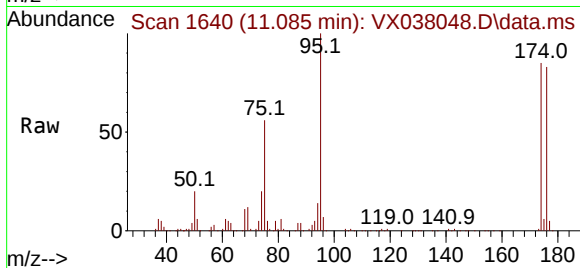
Tgt Ion: 95 Resp: 97309

Ion Ratio Lower Upper

95 100

174 79.3 0.0 135.6

176 75.6 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: VX038048.D

Acq: 03 Oct 2023 19:39

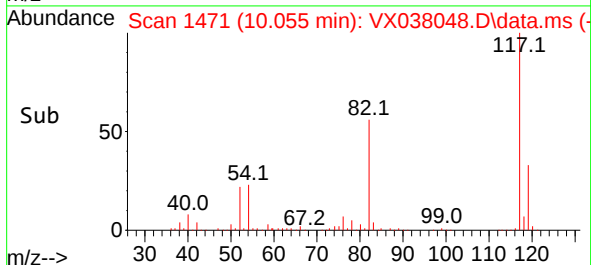
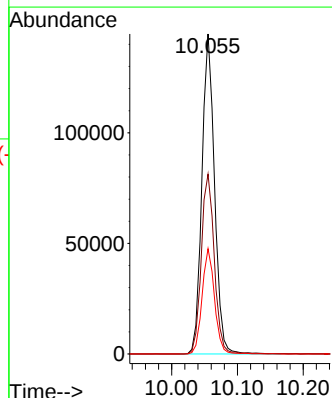
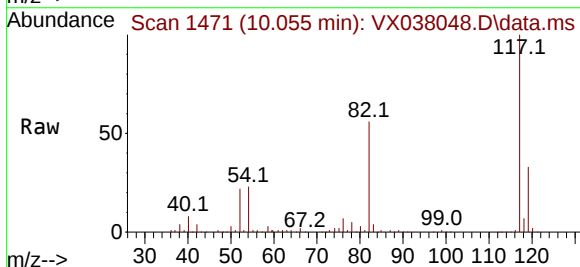
Tgt Ion: 117 Resp: 192808

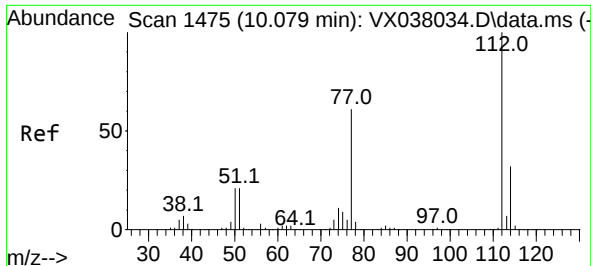
Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 32.9 25.5 38.3

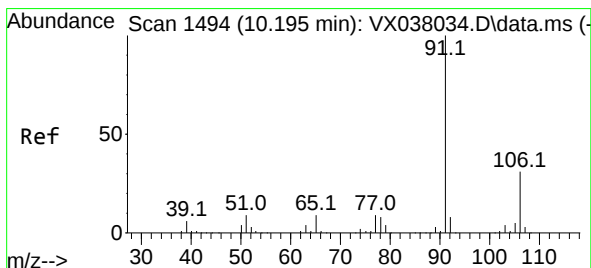
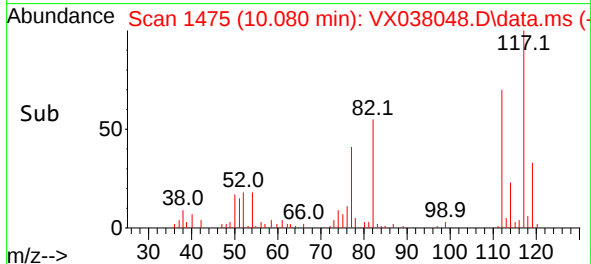
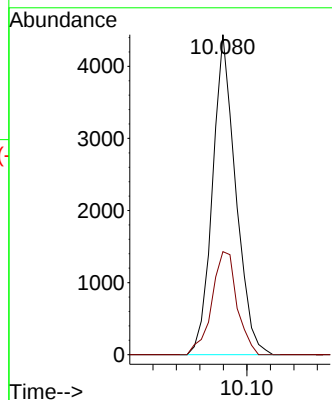
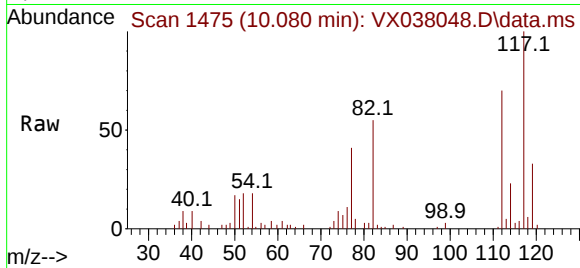




#65
Chlorobenzene
Concen: 1.502 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

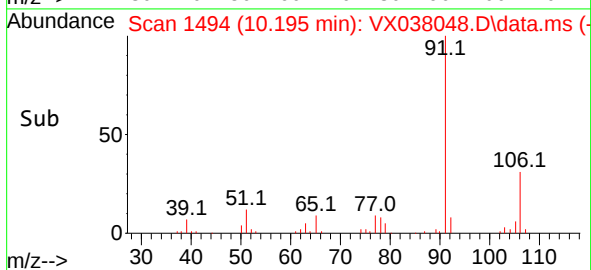
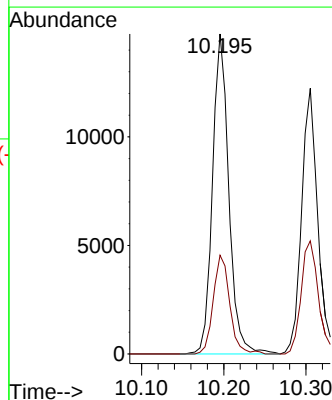
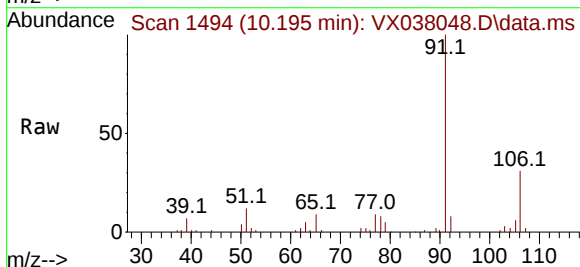
Instrument :
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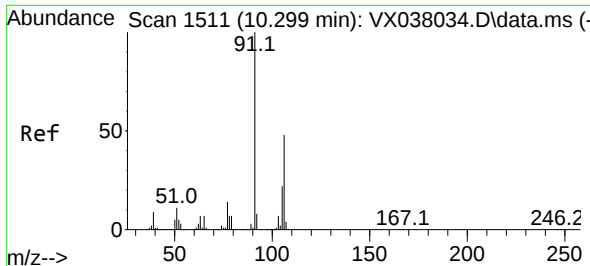
Tgt Ion:112 Resp: 6081
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#67
Ethyl Benzene
Concen: 2.788 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion: 91 Resp: 20300
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

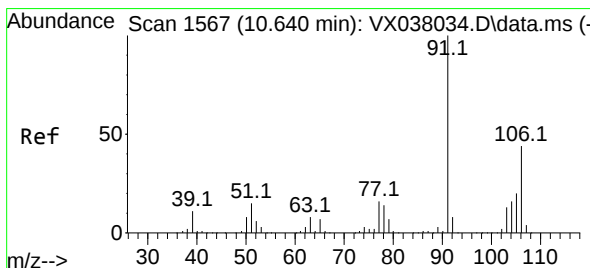
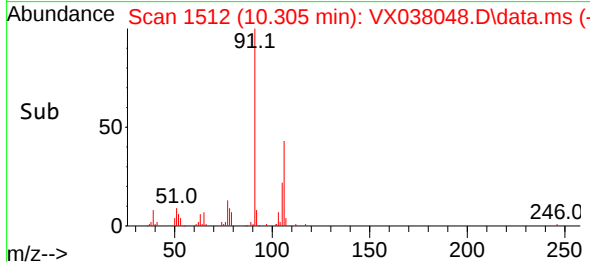
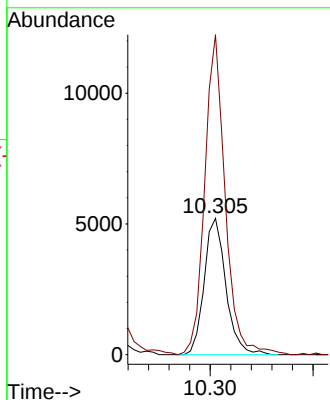
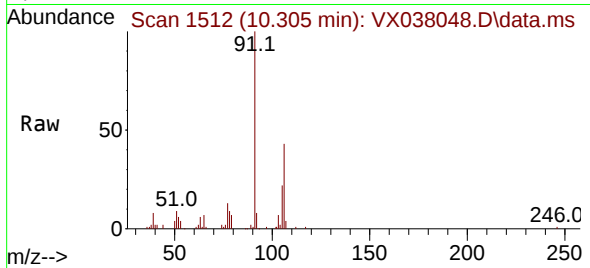




#68
m/p-Xylenes
Concen: 2.750 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

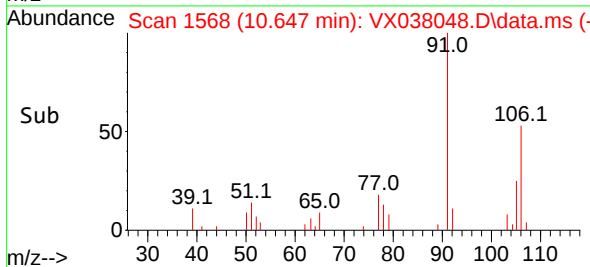
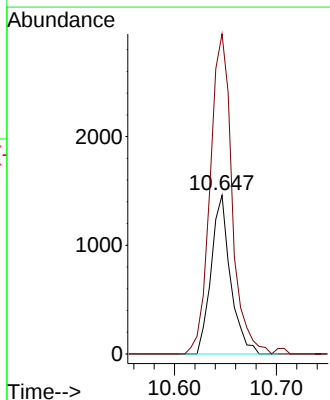
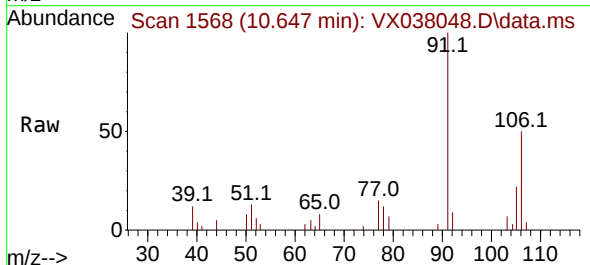
Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

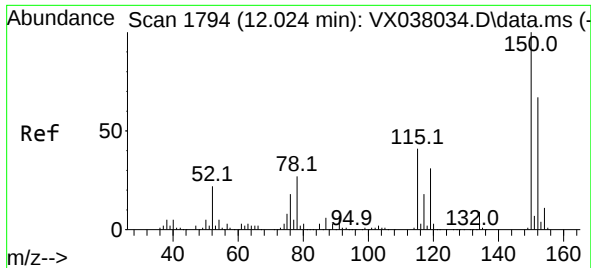
Tgt Ion:106 Resp: 7669
Ion Ratio Lower Upper
106 100
91 221.1 165.5 248.3



#69
o-Xylene
Concen: 0.726 ug/l m
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion:106 Resp: 1922
Ion Ratio Lower Upper
106 100
91 0.0 108.9 326.8#

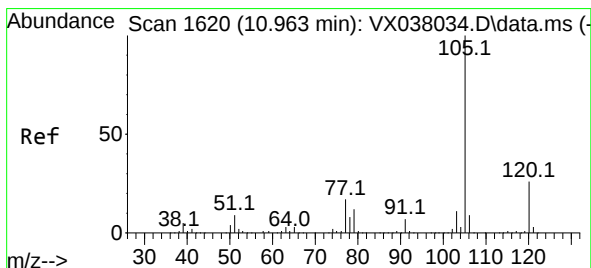
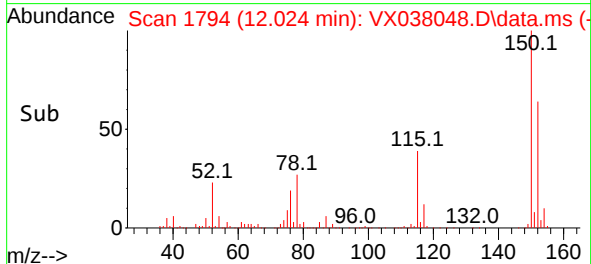
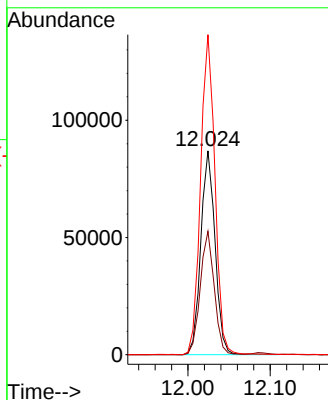
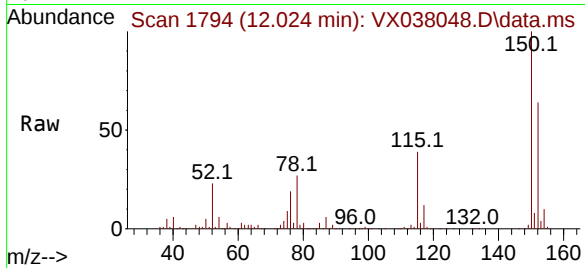




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

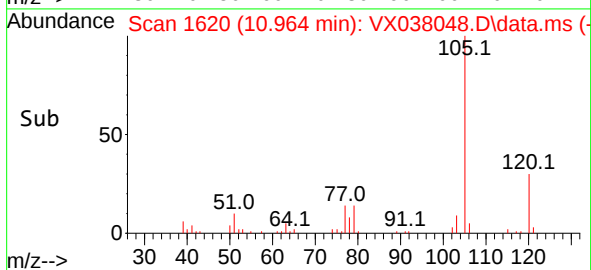
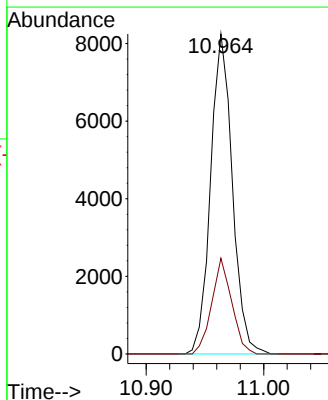
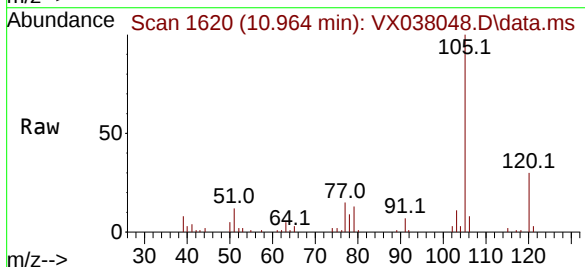
Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

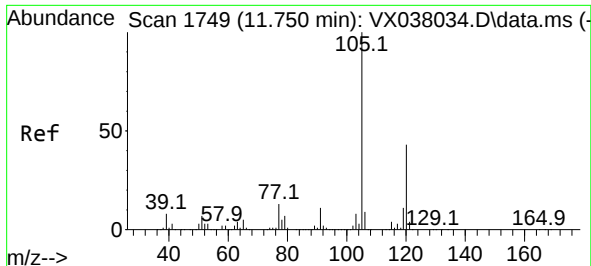
Tgt Ion:152 Resp: 104711
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 158.2 0.0 345.0



#73
Isopropylbenzene
Concen: 1.490 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion:105 Resp: 10587
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

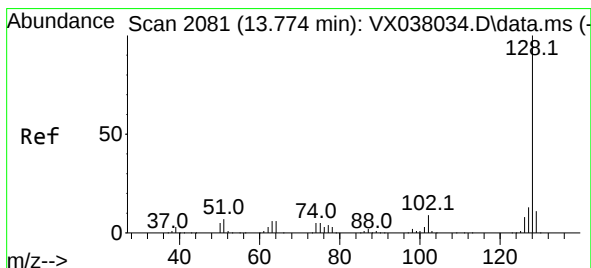
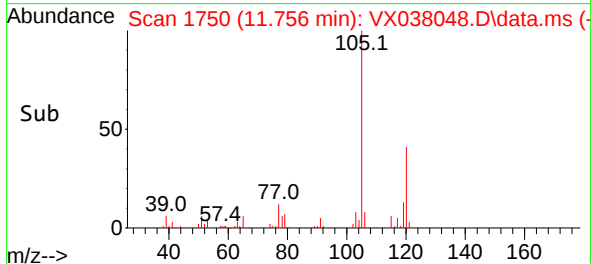
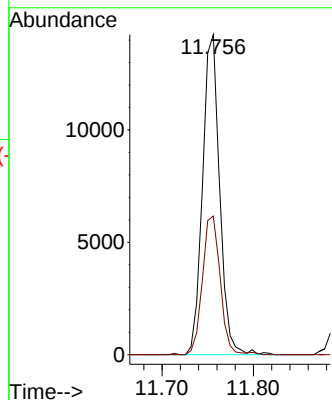
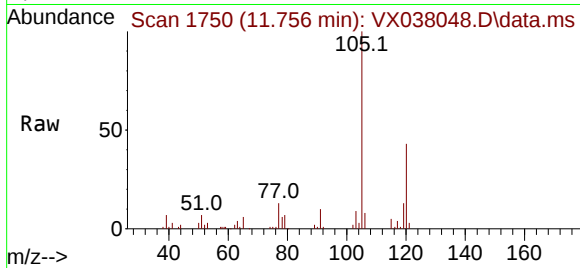




#84
1,2,4-Trimethylbenzene
Concen: 3.036 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
B102-08-1(8-8.5)ME

Tgt Ion:105 Resp: 18519
Ion Ratio Lower Upper
105 100
120 45.3 21.2 63.6



#95
Naphthalene
Concen: 1.313 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038048.D
Acq: 03 Oct 2023 19:39

Tgt Ion:128 Resp: 10209
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 11.1 8.8 13.2

