

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032358.D
 Acq On : 25 Oct 2022 12:53
 Operator : JC/MD
 Sample : N5222-04DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Oct 27 14:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

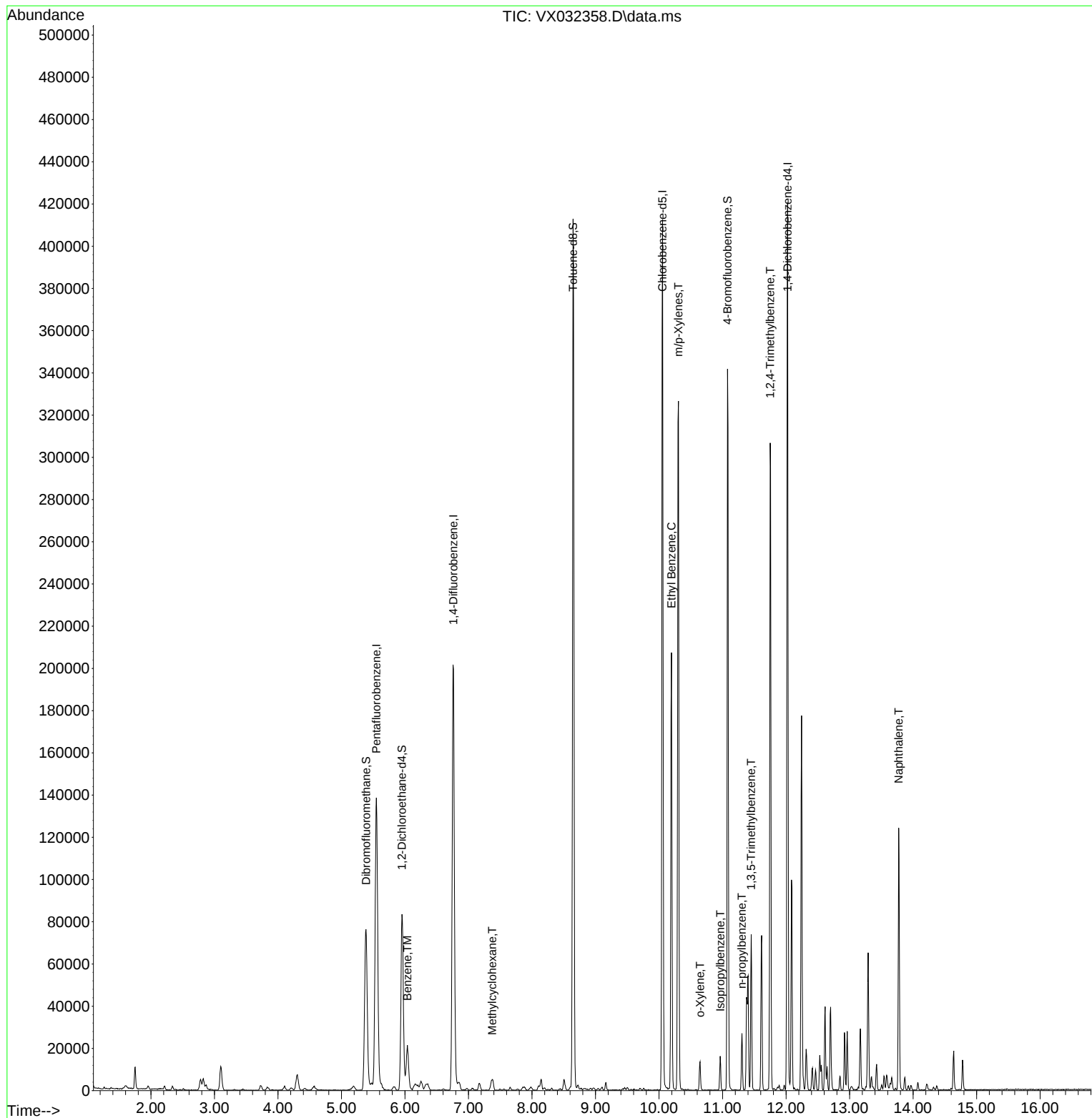
Internal Standards						
1) Pentafluorobenzene	5.550	168	131305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82334	48.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.400%		
35) Dibromofluoromethane	5.385	113	66648	46.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	8.647	98	245240	47.350	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.700%		
62) 4-Bromofluorobenzene	11.079	95	84866	44.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.500%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	2132	0.964	ug/l #	82
40) Benzene	6.037	78	24141	4.500	ug/l	94
67) Ethyl Benzene	10.195	91	115240	17.579	ug/l	99
68) m/p-Xylenes	10.305	106	76884	29.698	ug/l	99
69) o-Xylene	10.646	106	2709	1.092	ug/l	83
73) Isopropylbenzene	10.963	105	7657	1.273	ug/l	97
78) n-propylbenzene	11.305	91	16021	2.326	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	30838	5.934	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134961	26.713	ug/l	100
95) Naphthalene	13.774	128	74397	12.806	ug/l	99

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

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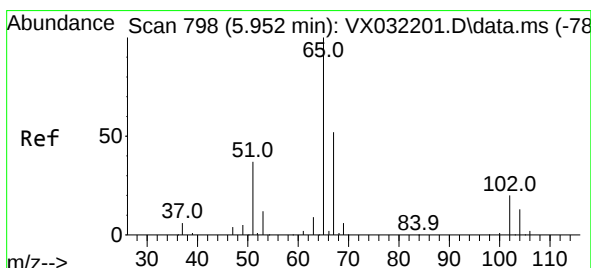
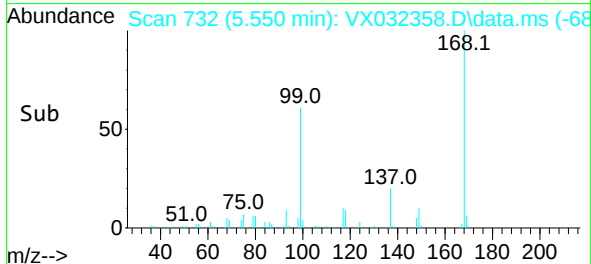
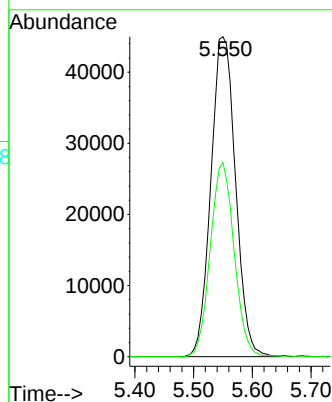
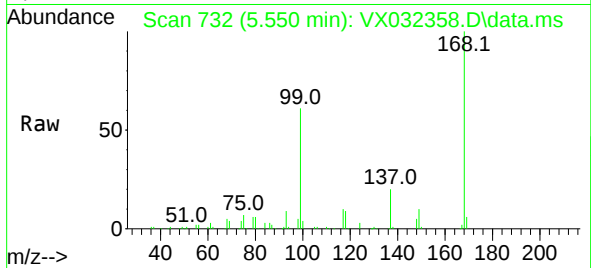




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

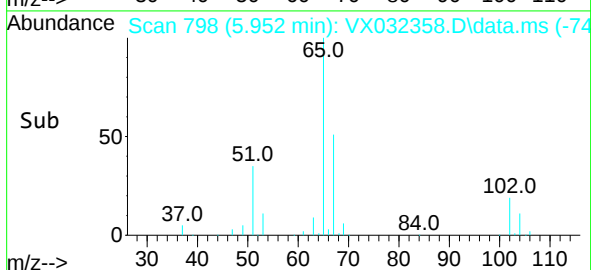
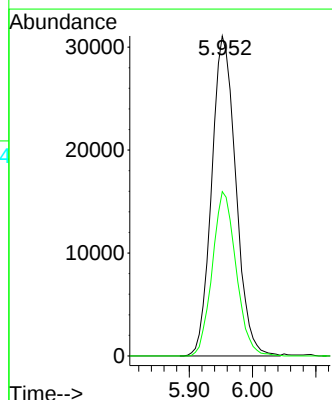
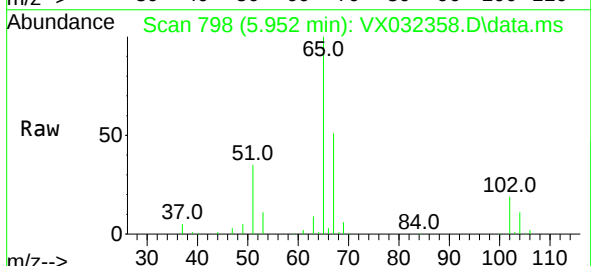
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

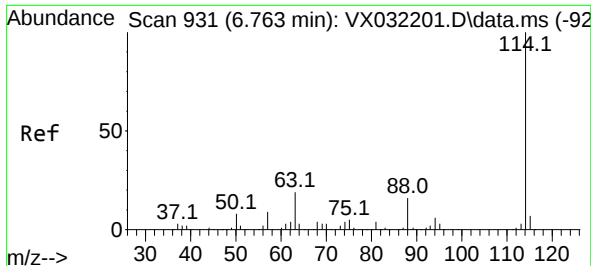
Tgt Ion:168 Resp: 131305
Ion Ratio Lower Upper
168 100
99 60.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 48.201 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion: 65 Resp: 82334
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.6

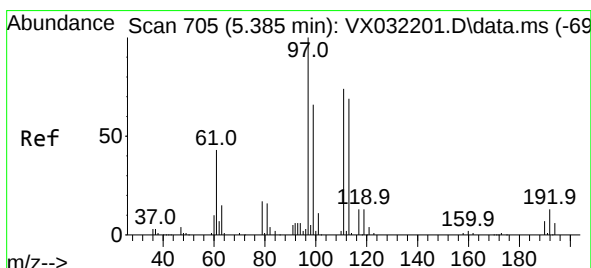
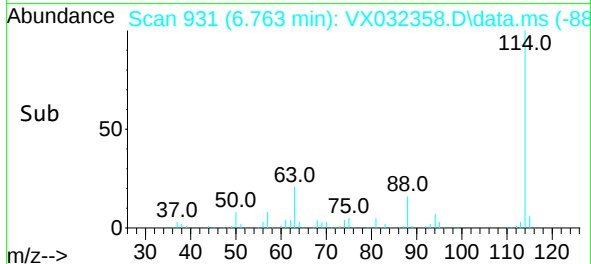
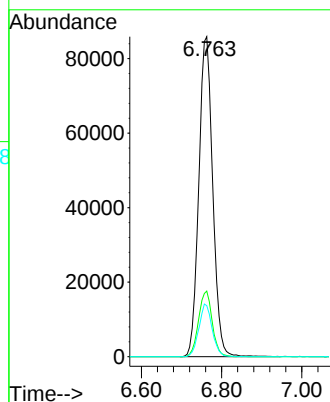
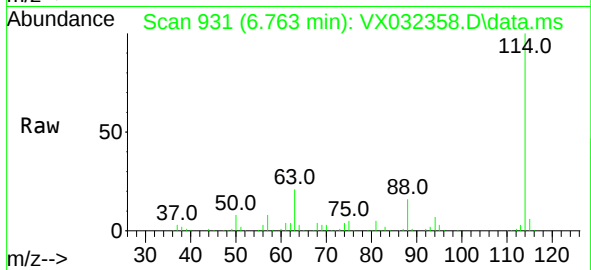




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

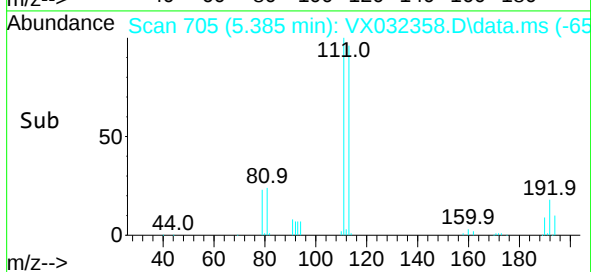
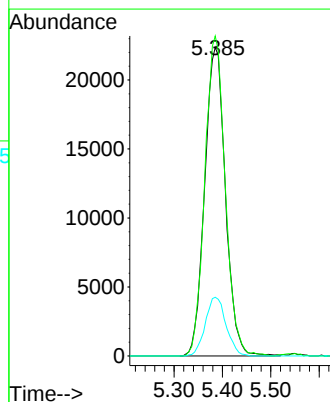
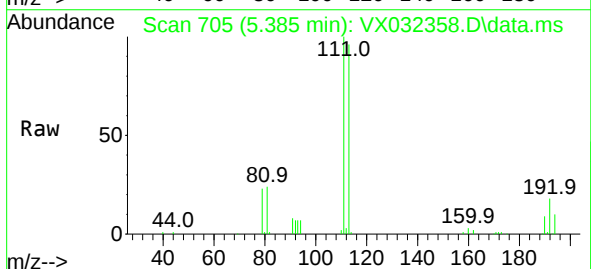
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

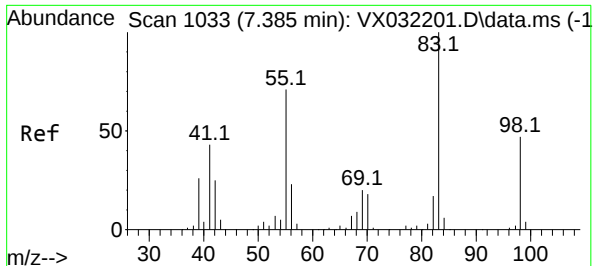
Tgt Ion:114 Resp: 206768
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.321 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion:113 Resp: 66648
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.0 15.5 23.3





#39

Methylcyclohexane

Concen: 0.964 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX032358.D

Acq: 25 Oct 2022 12:53

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

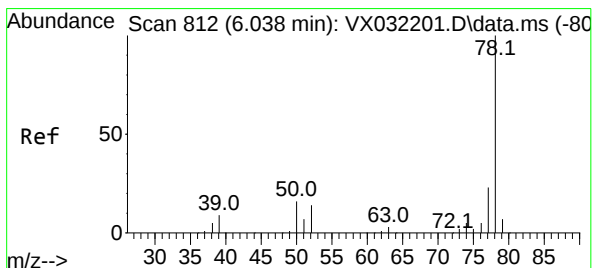
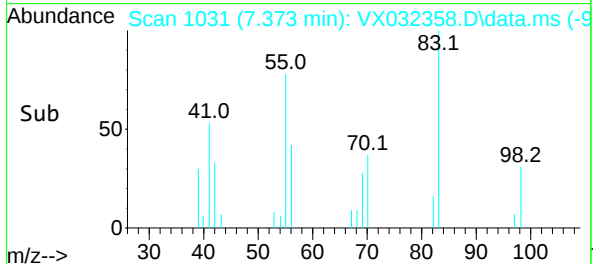
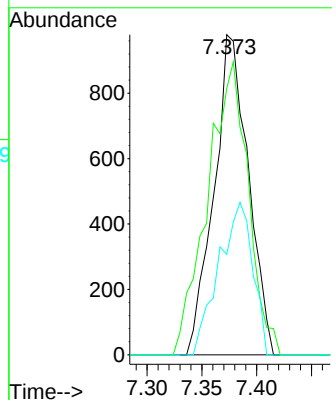
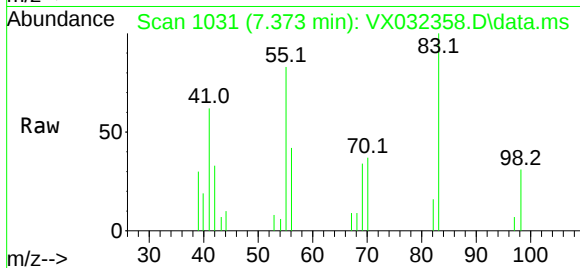
Tgt Ion: 83 Resp: 2132

Ion Ratio Lower Upper

83 100

55 83.2 56.6 85.0

98 31.4 37.4 56.0#



#40

Benzene

Concen: 4.500 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX032358.D

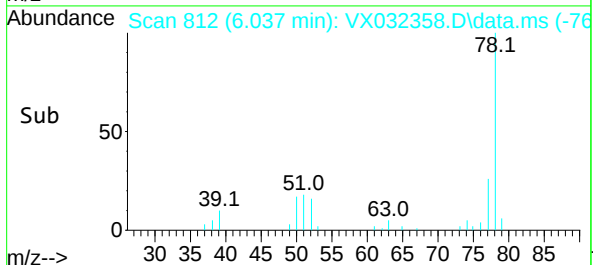
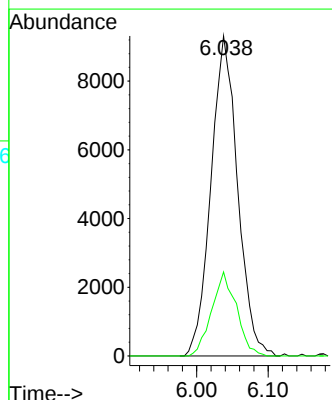
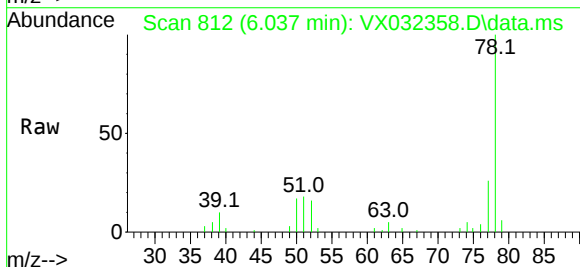
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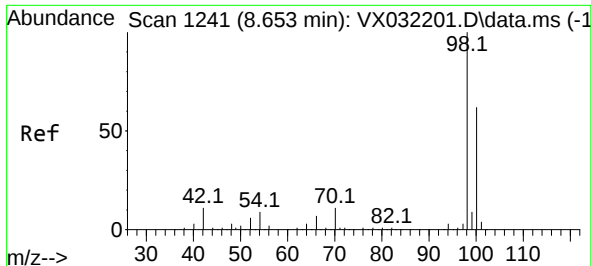
Tgt Ion: 78 Resp: 24141

Ion Ratio Lower Upper

78 100

77 26.2 18.6 27.8

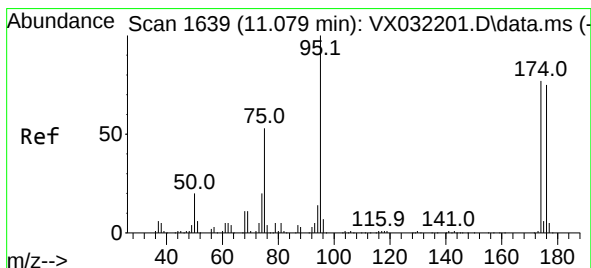
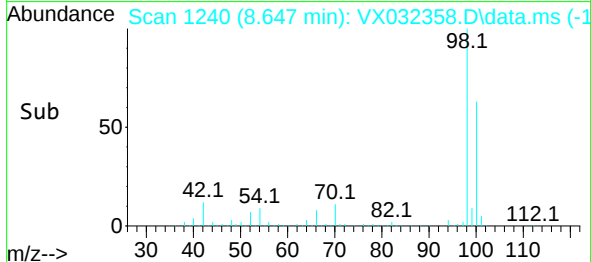
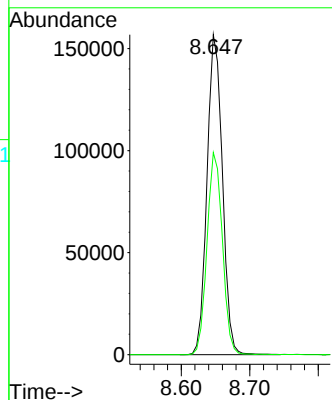
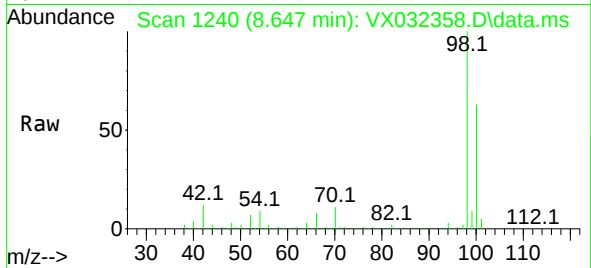




#50
Toluene-d8
Concen: 47.350 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

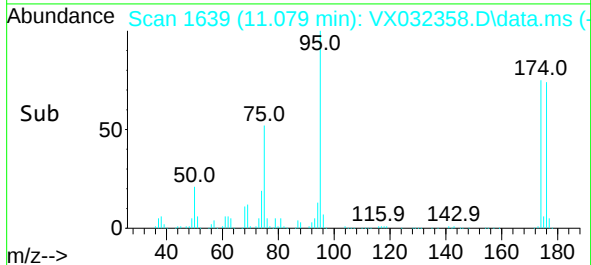
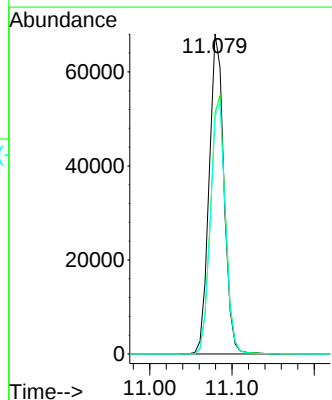
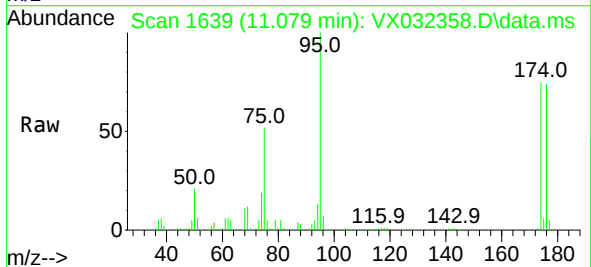
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

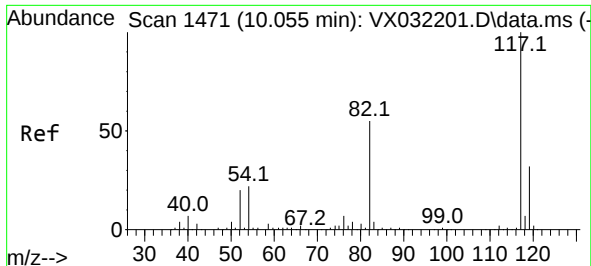
Tgt Ion: 98 Resp: 245240
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion: 95 Resp: 84866
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.8
176 80.0 0.0 161.4

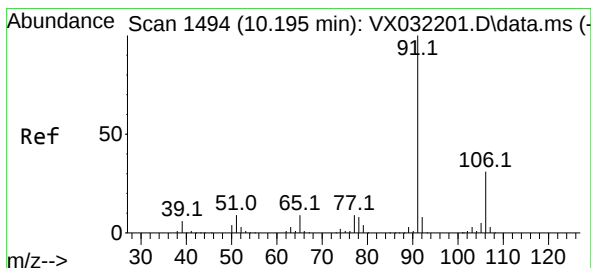
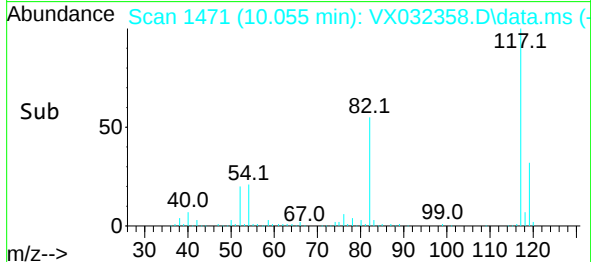
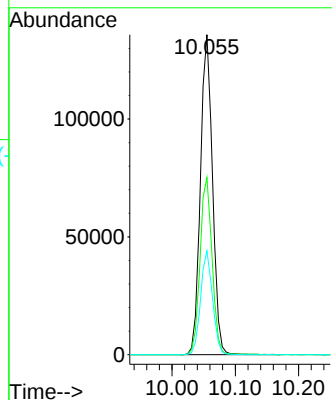
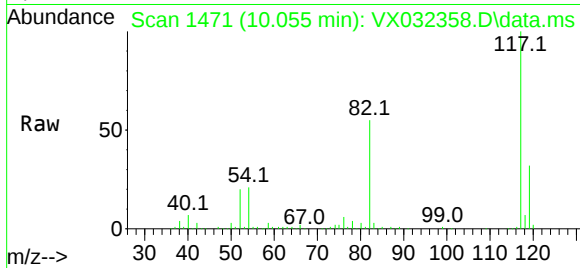




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

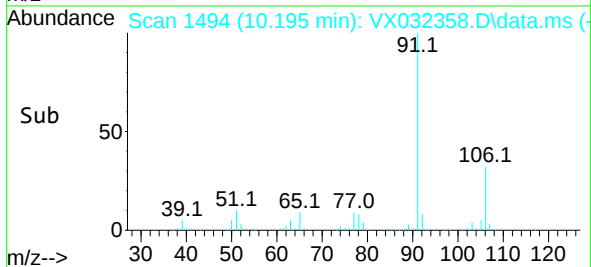
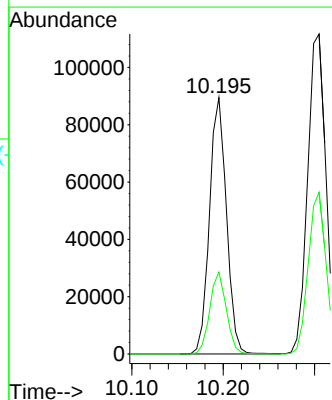
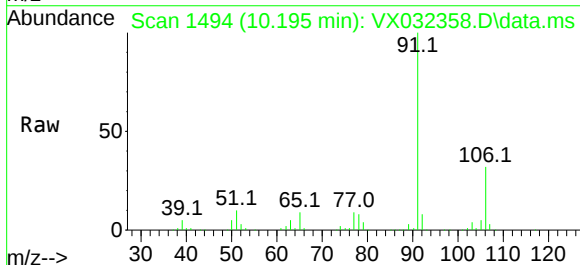
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ClientSampleId :
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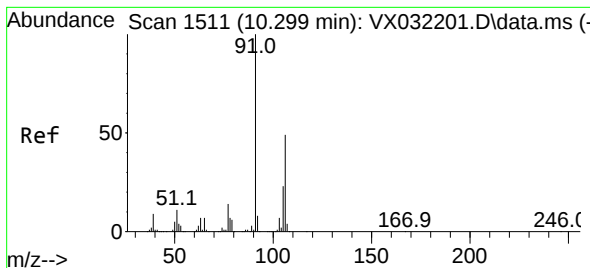
Tgt Ion:117 Resp: 180593
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 17.579 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion: 91 Resp: 115240
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4

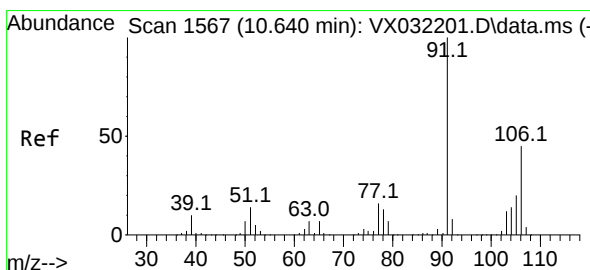
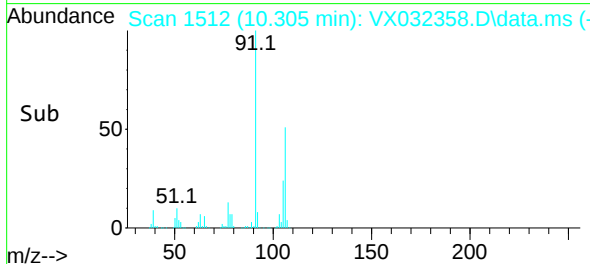
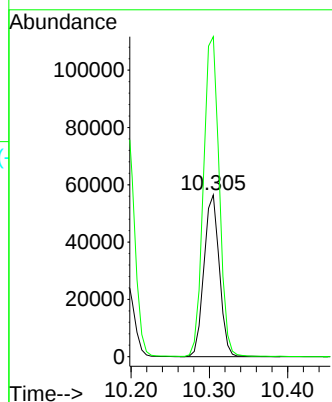
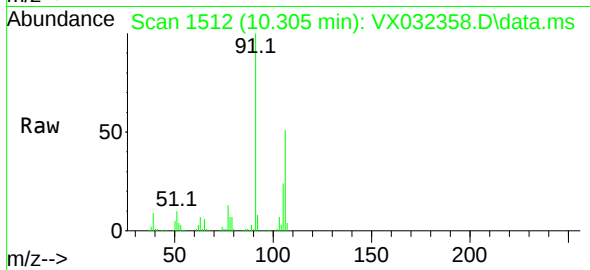




#68
m/p-Xylenes
Concen: 29.698 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

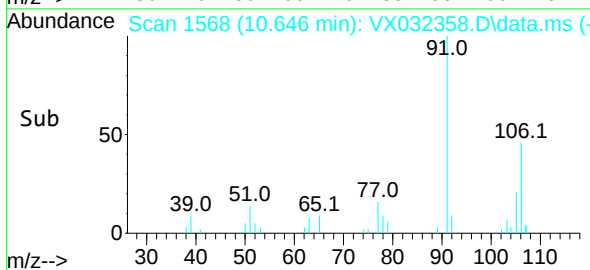
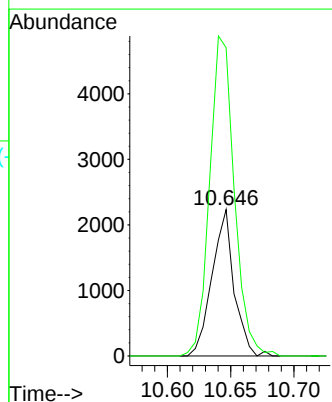
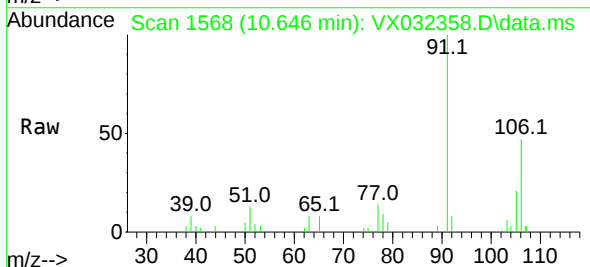
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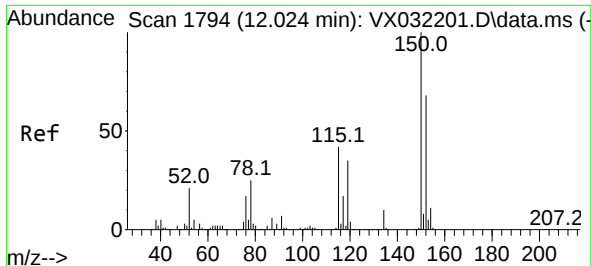
Tgt Ion:106 Resp: 76884
Ion Ratio Lower Upper
106 100
91 202.4 162.6 244.0



#69
o-Xylene
Concen: 1.092 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion:106 Resp: 2709
Ion Ratio Lower Upper
106 100
91 244.3 108.3 324.9

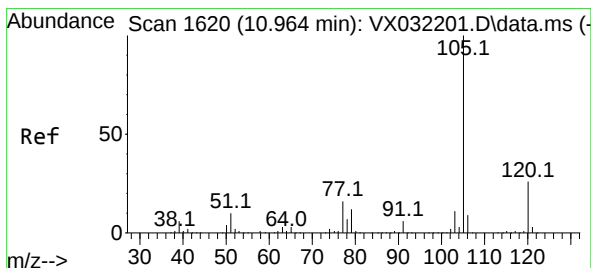
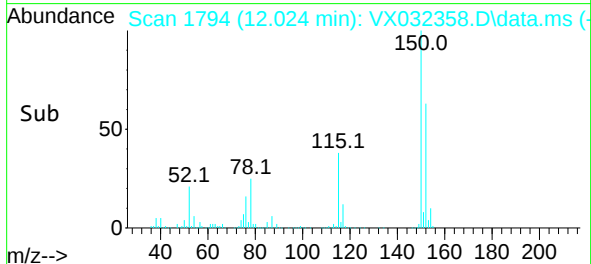
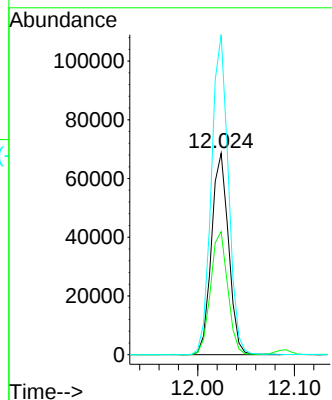
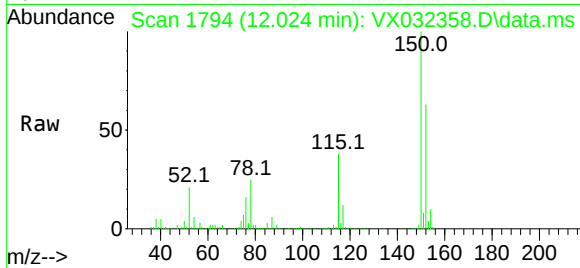




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

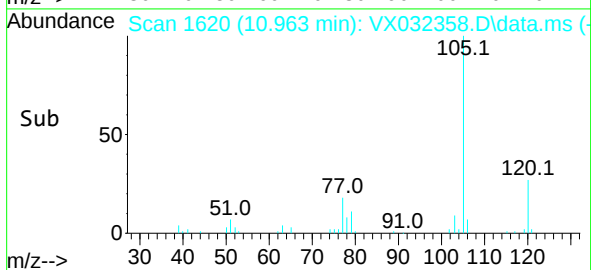
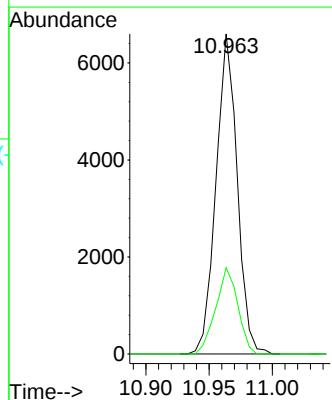
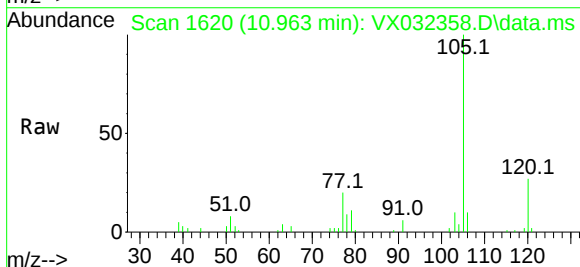
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

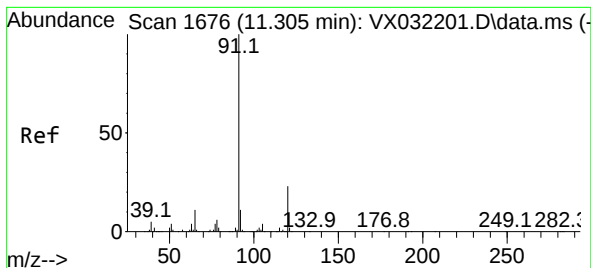
Tgt Ion:152 Resp: 84314
Ion Ratio Lower Upper
152 100
115 61.4 43.1 129.4
150 158.0 0.0 348.6



#73
Isopropylbenzene
Concen: 1.273 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion:105 Resp: 7657
Ion Ratio Lower Upper
105 100
120 28.1 13.2 39.6





#78

n-propylbenzene

Concen: 2.326 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032358.D

Acq: 25 Oct 2022 12:53

Instrument :

MSVOA_X

ClientSampleId :

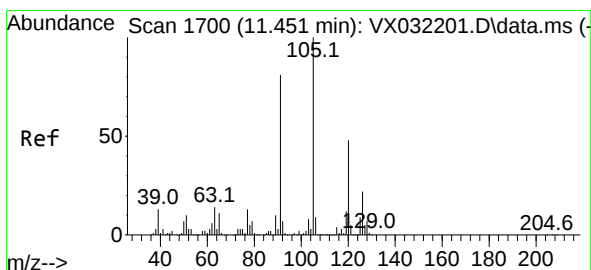
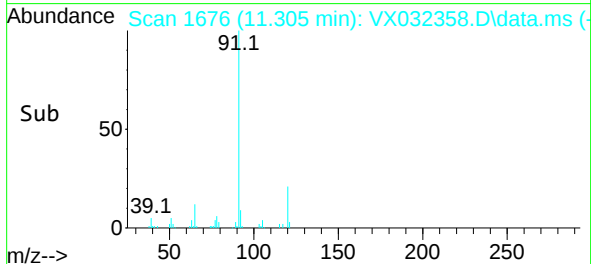
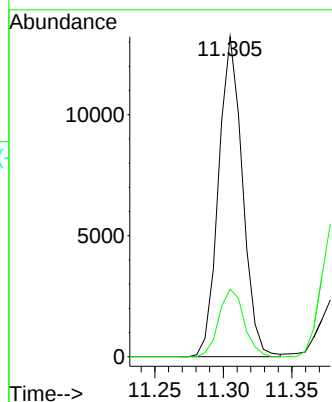
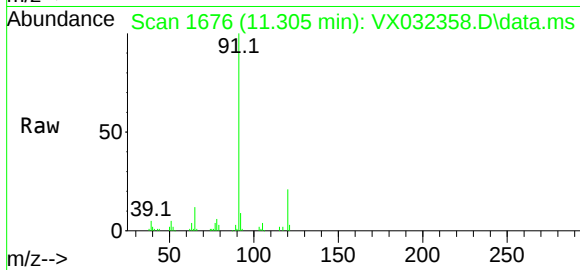
MW-2DL

Tgt Ion: 91 Resp: 16021

Ion Ratio Lower Upper

91 100

120 22.1 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 5.934 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032358.D

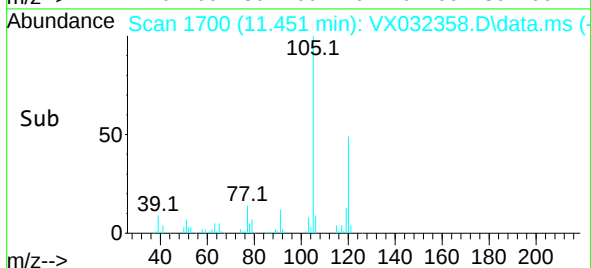
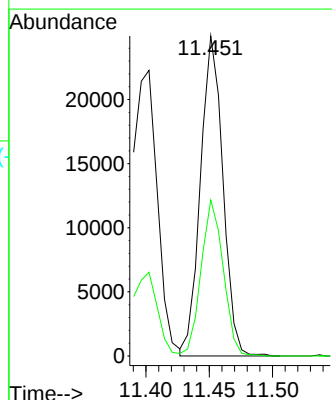
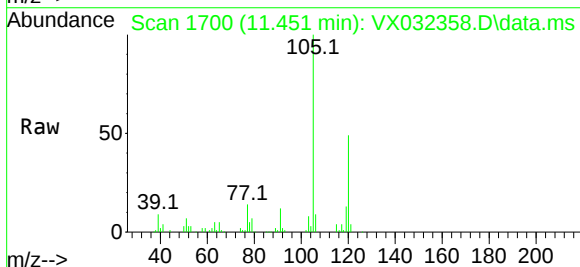
Acq: 25 Oct 2022 12:53

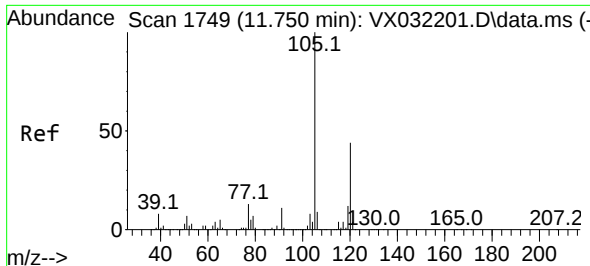
Tgt Ion: 105 Resp: 30838

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.6

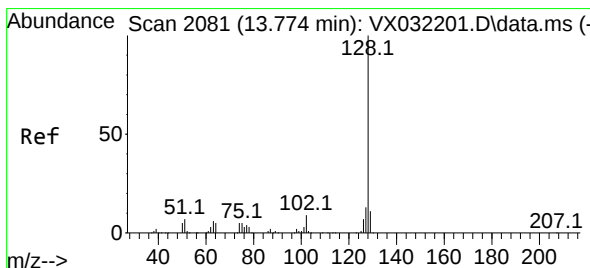
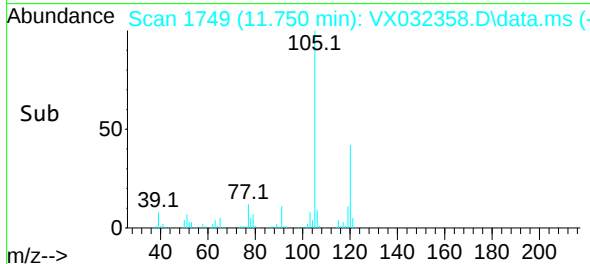
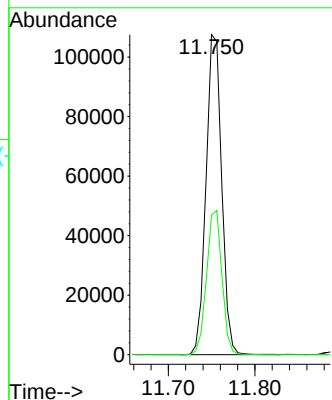
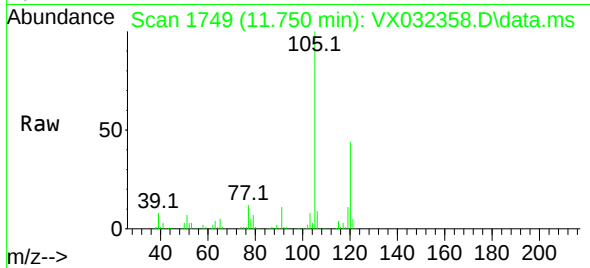




#84
1,2,4-Trimethylbenzene
Concen: 26.713 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tgt Ion:105 Resp: 134961
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.1



#95
Naphthalene
Concen: 12.806 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032358.D
Acq: 25 Oct 2022 12:53

Tgt Ion:128 Resp: 74397
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.7 13.1

