

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032867.D
 Acq On : 16 Nov 2022 14:51
 Operator : JC/MD
 Sample : N5614-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16S

Quant Time: Nov 17 05:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

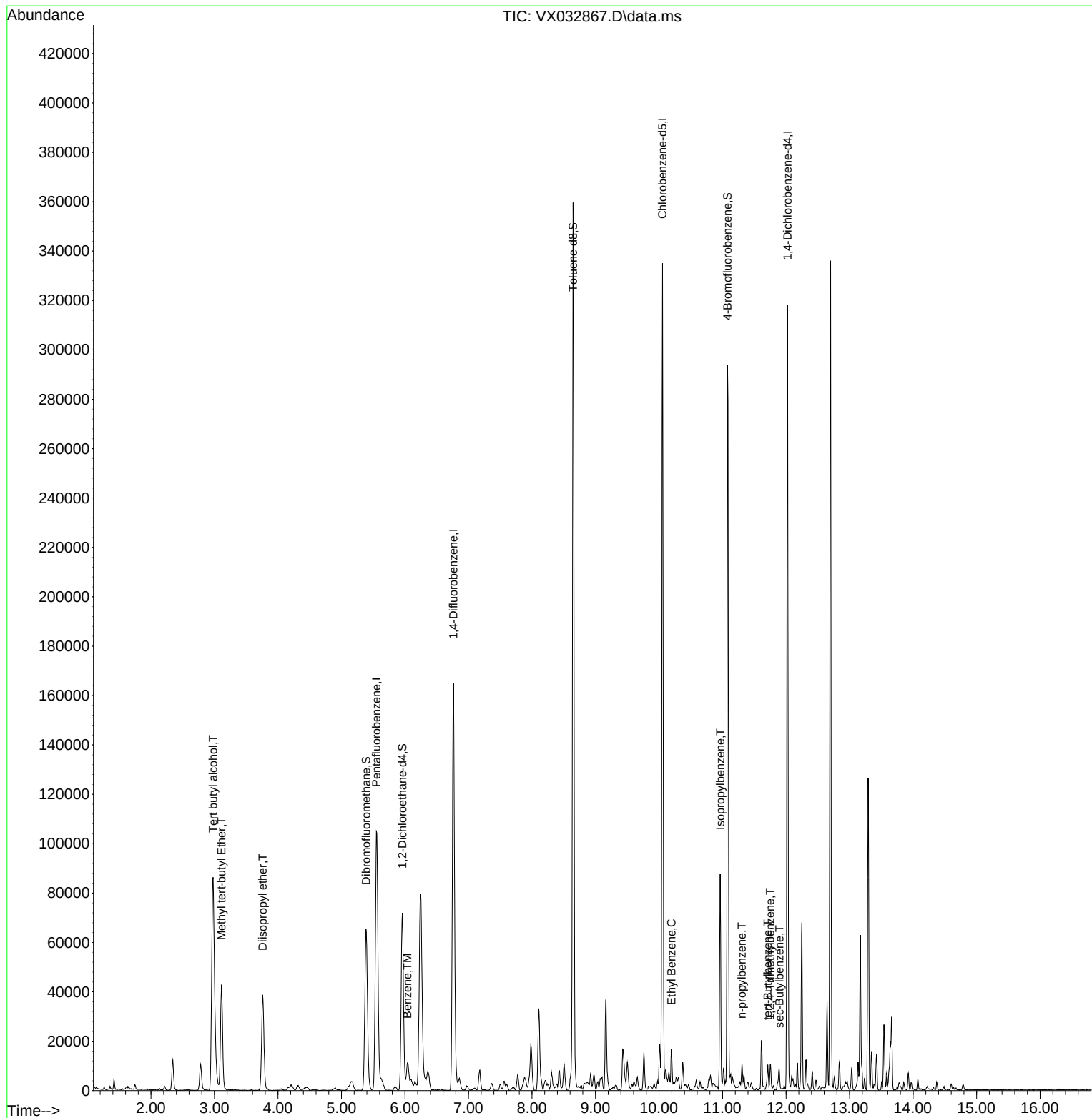
Internal Standards						
1) Pentafluorobenzene	5.550	168	100149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71221	51.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.360%	
35) Dibromofluoromethane	5.385	113	56198	47.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.500%	
50) Toluene-d8	8.647	98	205076	49.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	11.079	95	77750	48.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.260%	
Target Compounds						
11) Tert butyl alcohol	2.977	59	135234	667.697	ug/l	Qvalue 98
19) Methyl tert-butyl Ether	3.111	73	40272	11.408	ug/l #	82
22) Diisopropyl ether	3.757	45	38935	11.243	ug/l	89
40) Benzene	6.037	78	13781	2.940	ug/l	94
67) Ethyl Benzene	10.195	91	9089	1.560	ug/l	95
73) Isopropylbenzene	10.963	105	43076	8.347	ug/l	100
78) n-propylbenzene	11.305	91	5222	0.878	ug/l	98
83) tert-Butylbenzene	11.713	119	3228	0.733	ug/l	75
84) 1,2,4-Trimethylbenzene	11.750	105	5003	1.140	ug/l	95
85) sec-Butylbenzene	11.896	105	2616	0.494	ug/l	83

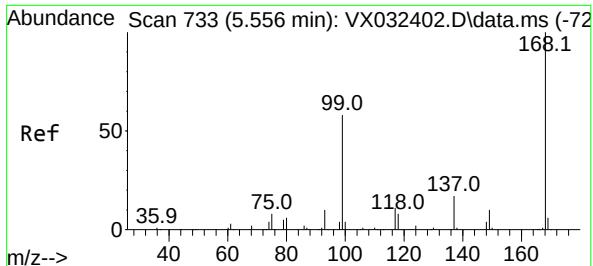
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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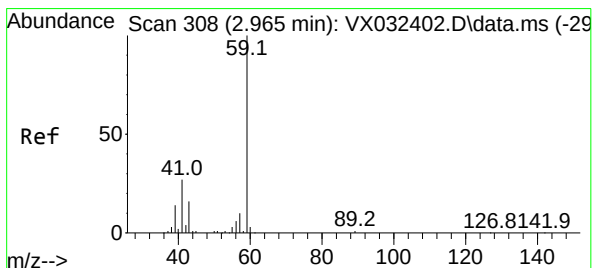
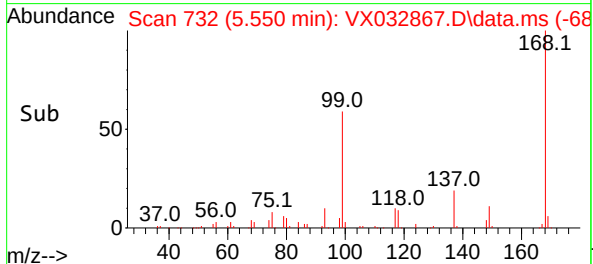
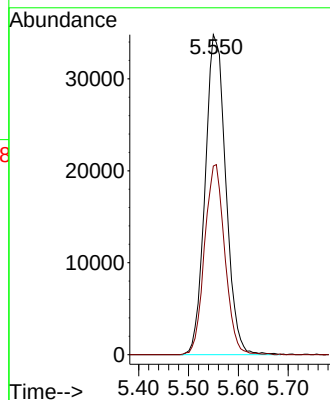
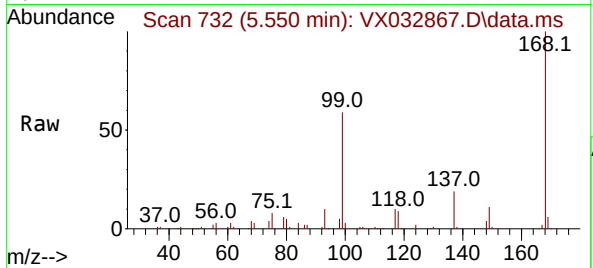




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

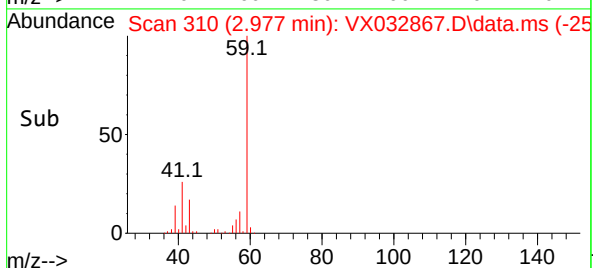
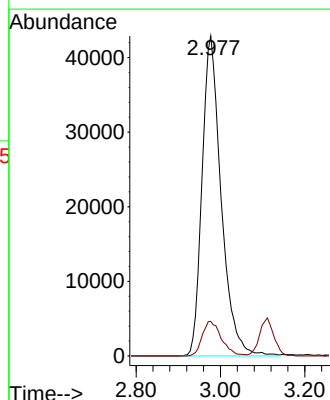
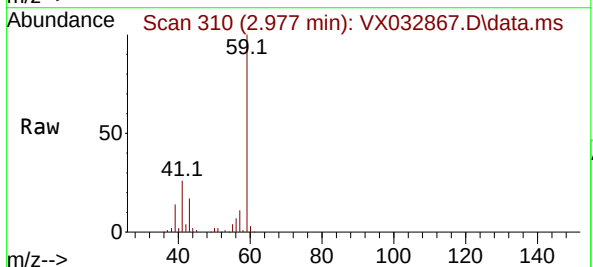
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

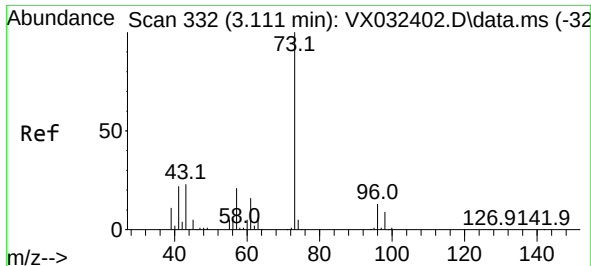
Tgt Ion:168 Resp: 100149
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 667.697 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 59 Resp: 135234
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

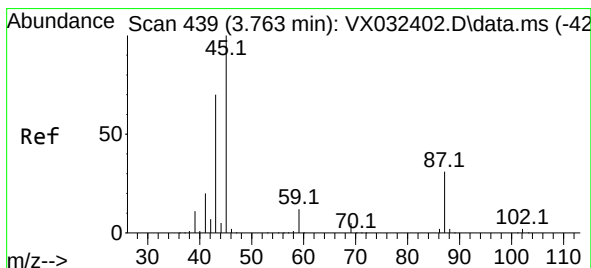
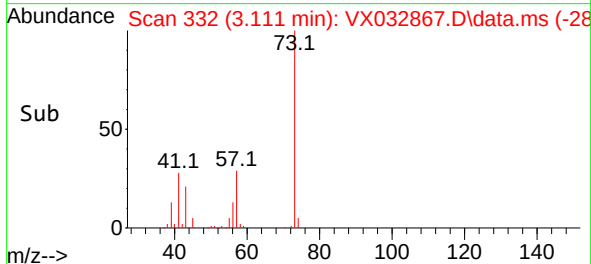
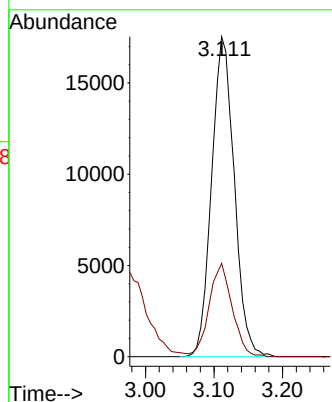
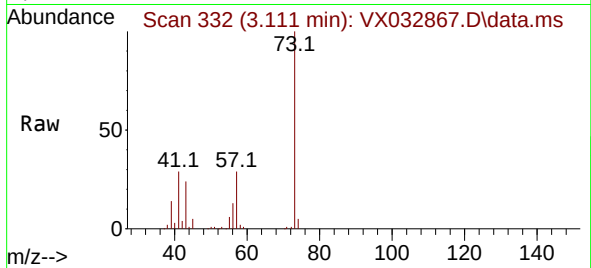




#19
Methyl tert-butyl Ether
Concen: 11.408 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

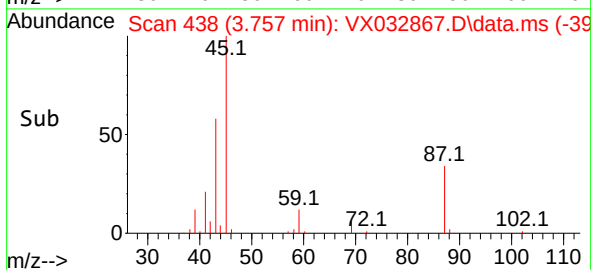
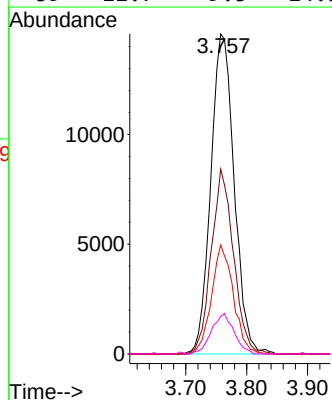
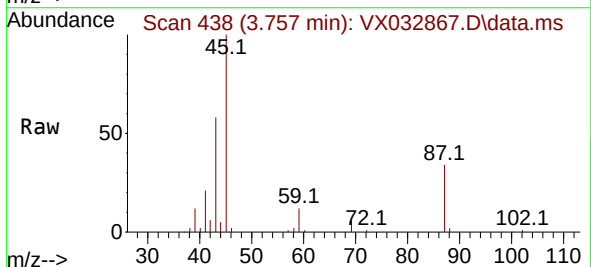
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

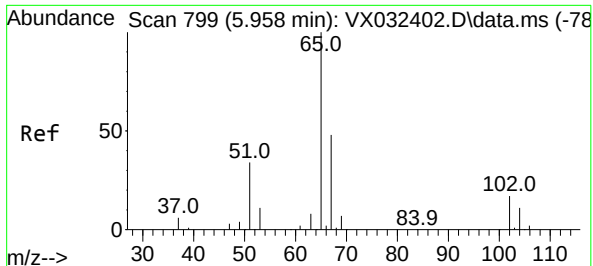
Tgt Ion: 73 Resp: 40272
Ion Ratio Lower Upper
73 100
57 29.1 16.6 25.0#



#22
Diisopropyl ether
Concen: 11.243 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 45 Resp: 38935
Ion Ratio Lower Upper
45 100
43 57.7 56.4 84.6
87 34.0 24.4 36.6
59 11.7 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 51.181 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032867.D

Acq: 16 Nov 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

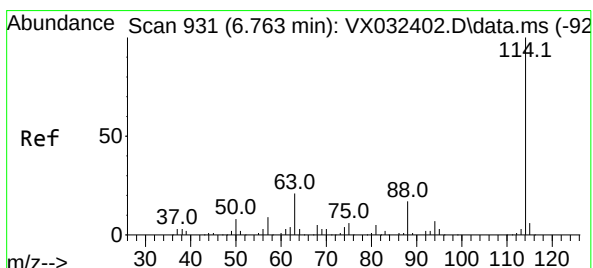
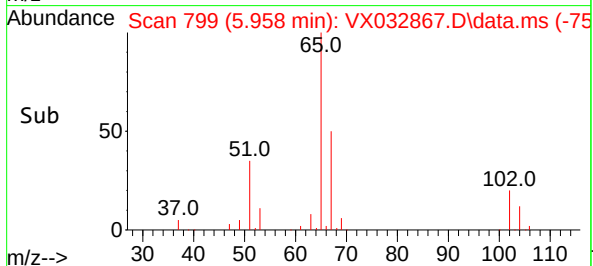
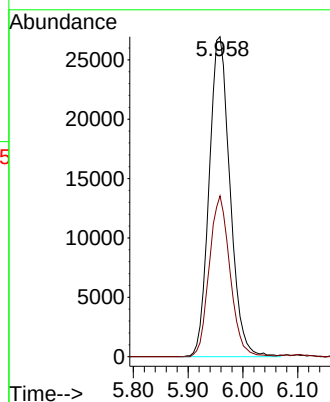
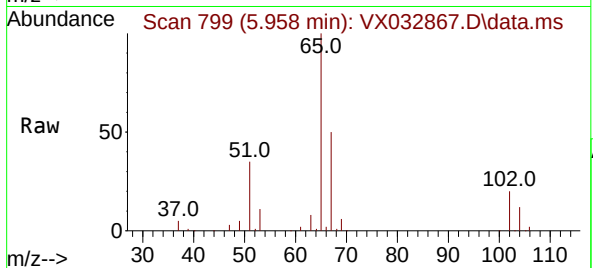
MW-16S

Tgt Ion: 65 Resp: 71221

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032867.D

Acq: 16 Nov 2022 14:51

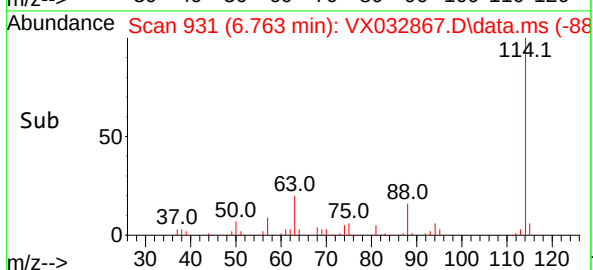
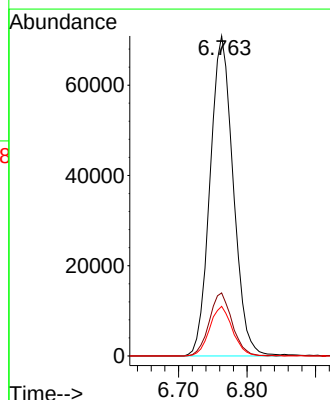
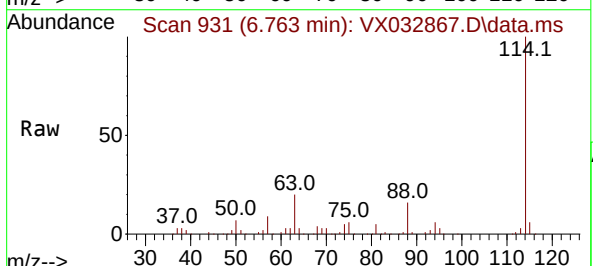
Tgt Ion: 114 Resp: 166742

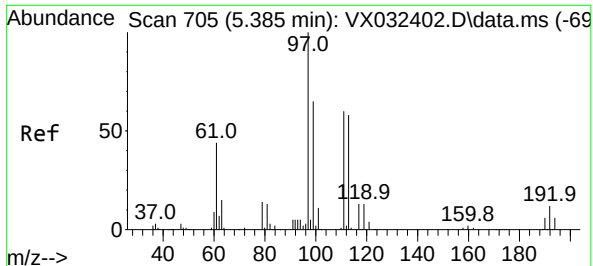
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.5 0.0 33.4

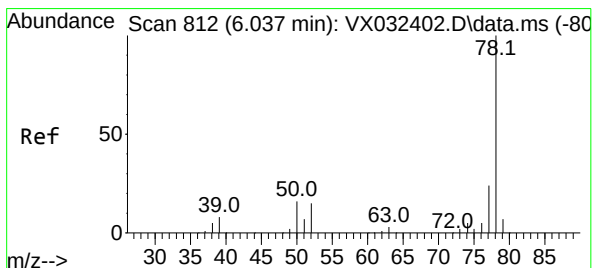
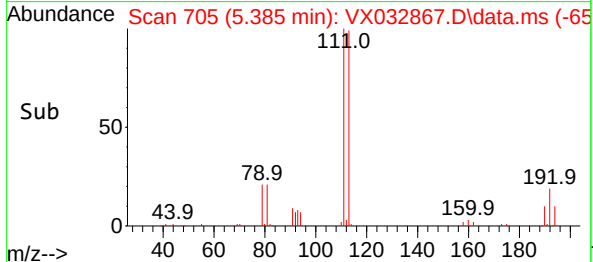
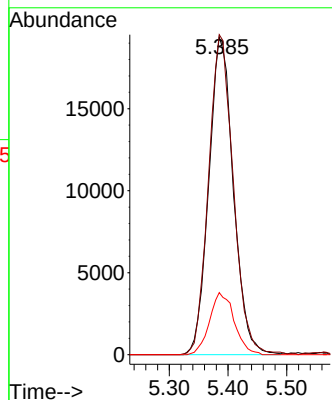
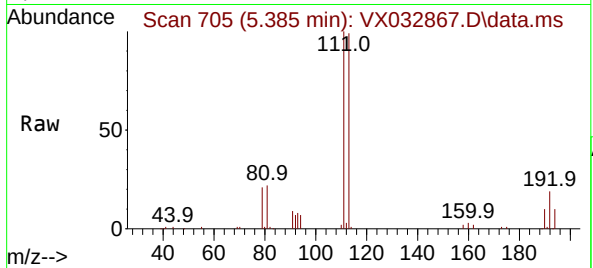




#35
Dibromofluoromethane
Concen: 47.250 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

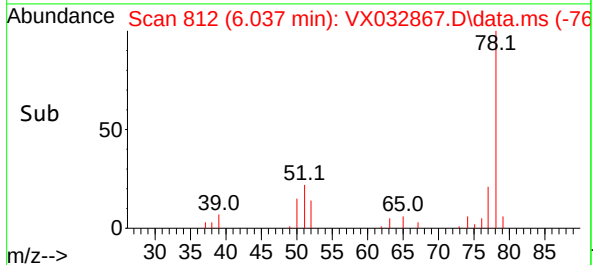
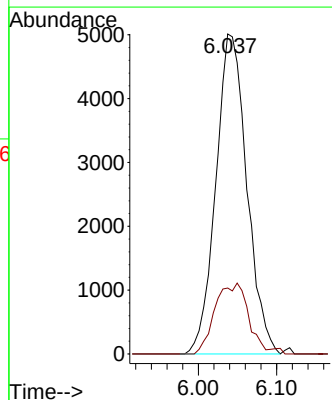
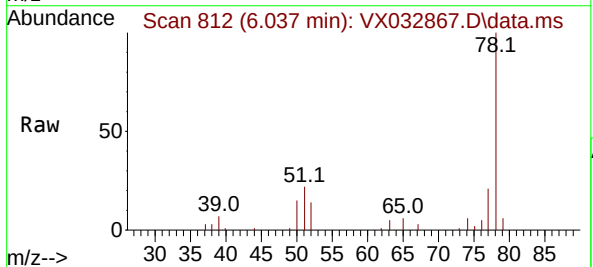
Instrument :
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ClientSampleId :
MW-16S

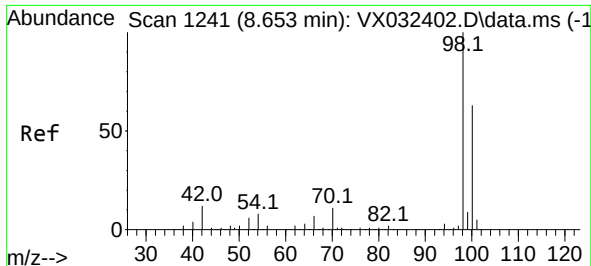
Tgt Ion:113 Resp: 56198
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.7 15.4 23.2



#40
Benzene
Concen: 2.940 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 78 Resp: 13781
Ion Ratio Lower Upper
78 100
77 20.6 19.0 28.4

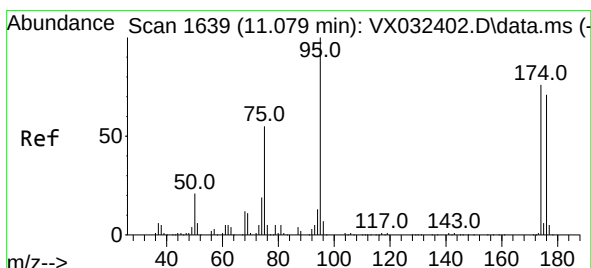
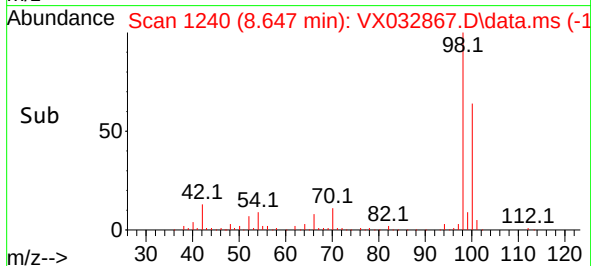
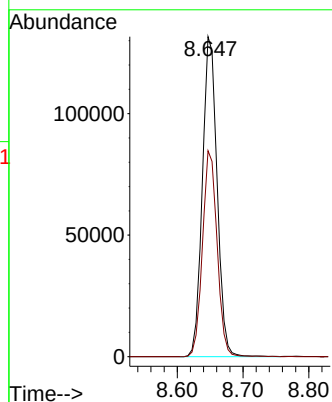
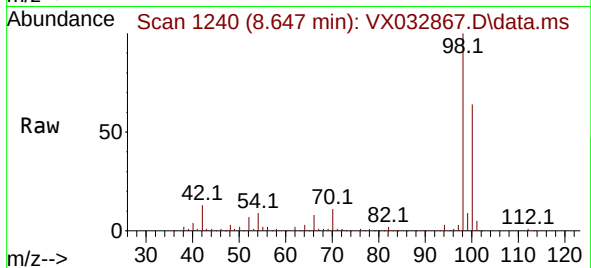




#50
Toluene-d8
Concen: 49.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

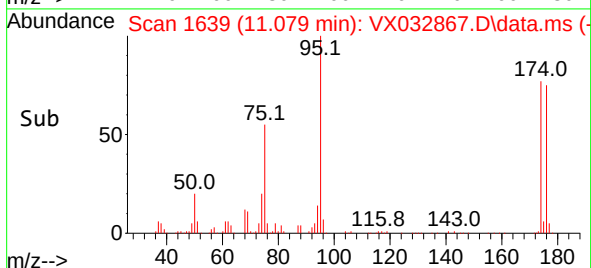
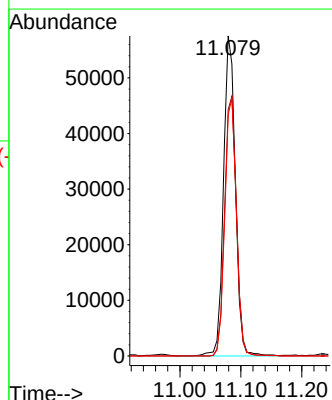
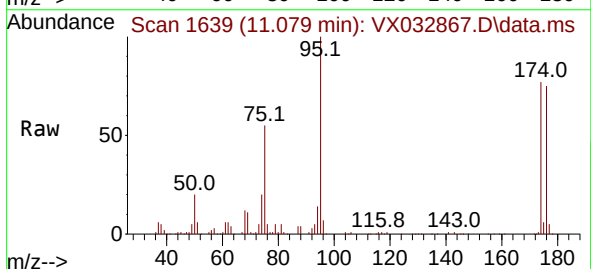
Instrument :
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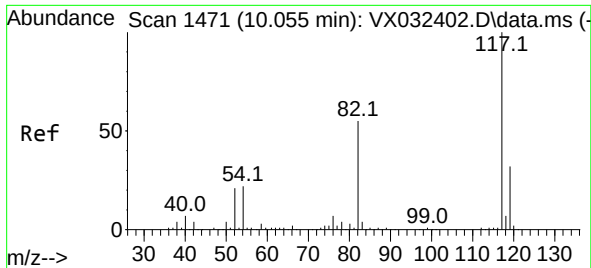
Tgt Ion: 98 Resp: 205076
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 95 Resp: 77750
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.0 0.0 154.4

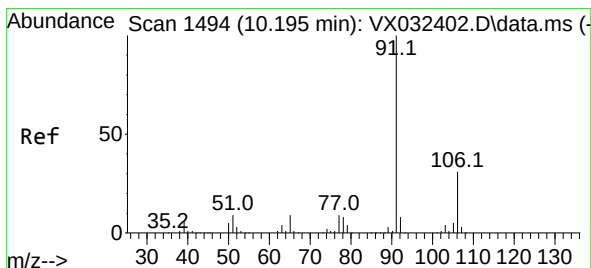
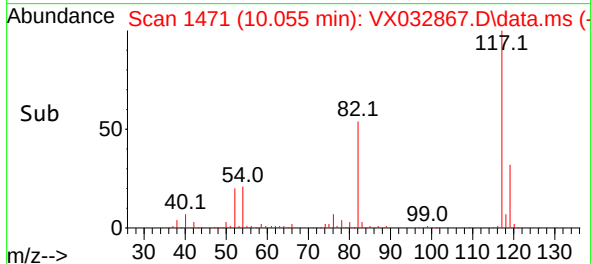
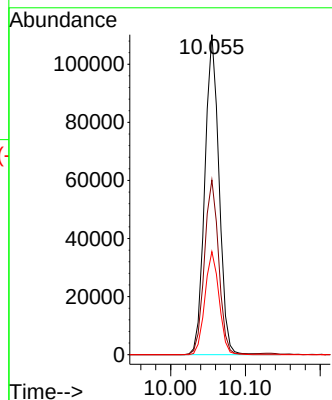
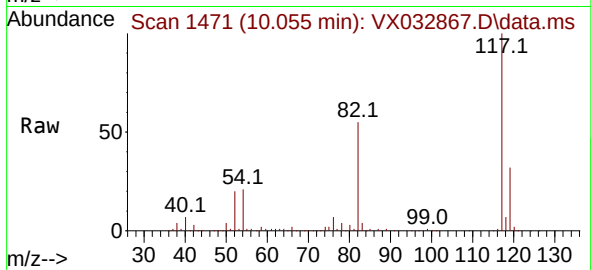




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

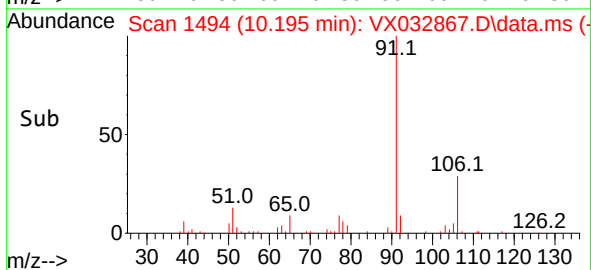
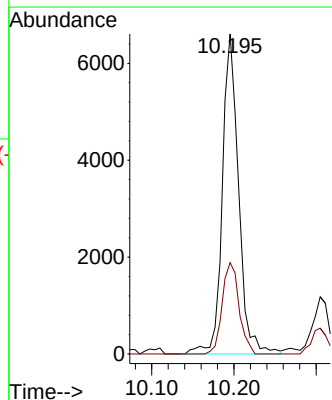
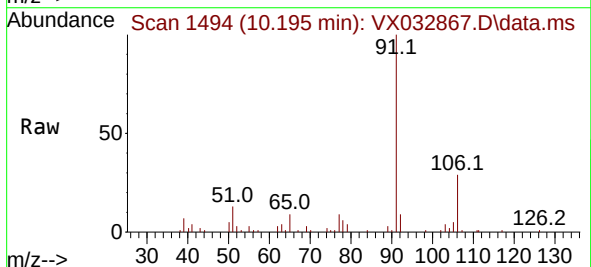
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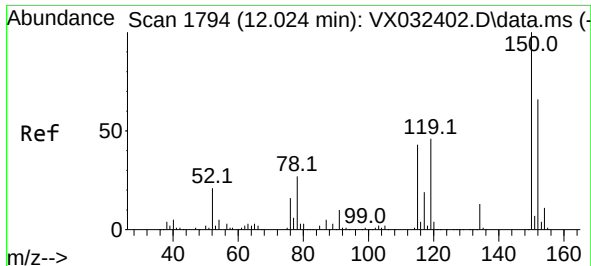
Tgt Ion:117 Resp: 145405
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.2 25.7 38.5



#67
Ethyl Benzene
Concen: 1.560 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 91 Resp: 9089
Ion Ratio Lower Upper
91 100
106 28.5 25.0 37.6

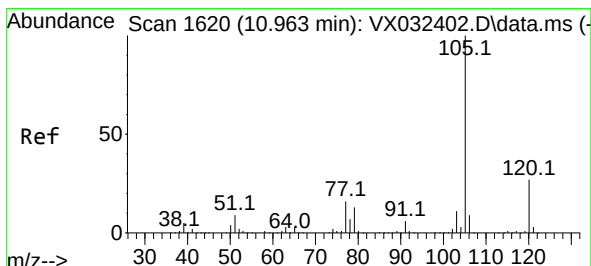
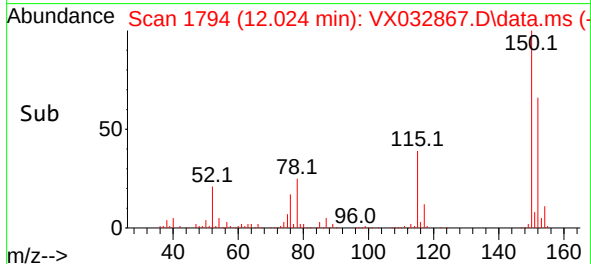
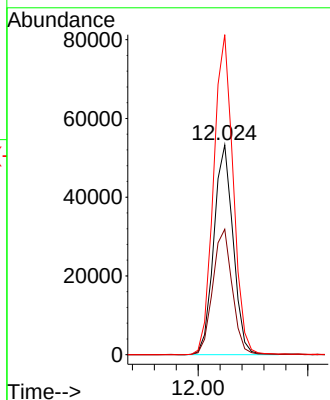
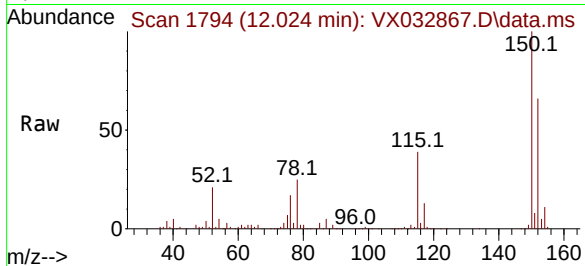




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

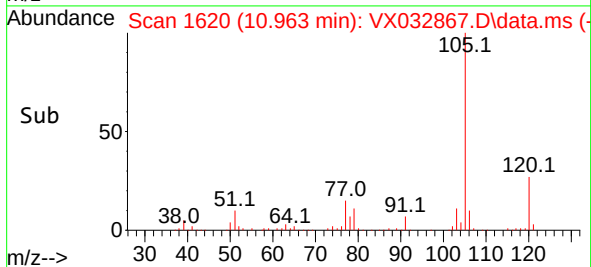
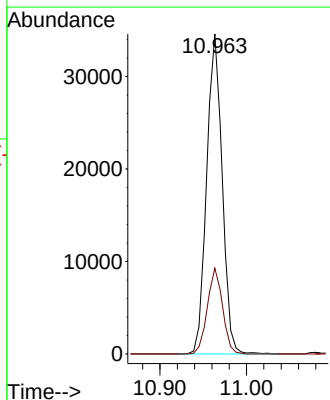
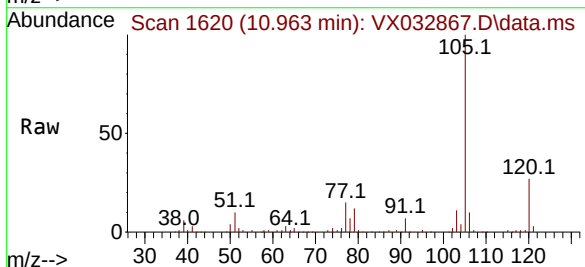
Instrument :
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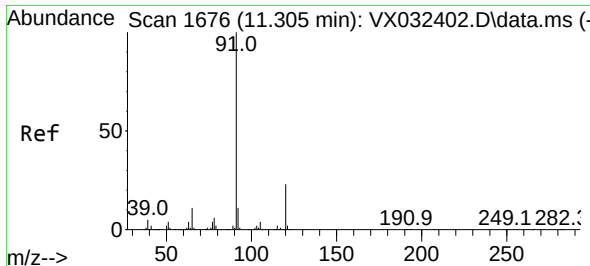
Tgt Ion:152 Resp: 65125
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 155.7 0.0 351.8



#73
Isopropylbenzene
Concen: 8.347 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion:105 Resp: 43076
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

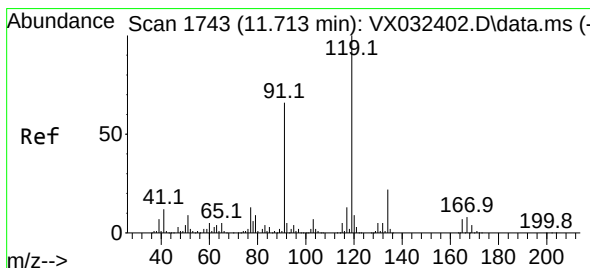
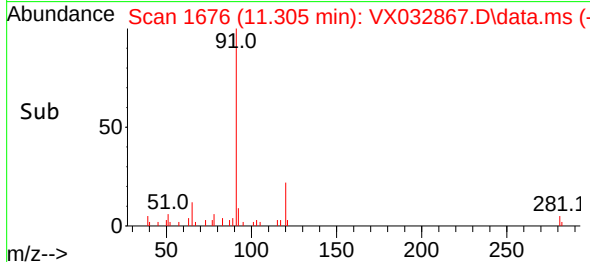
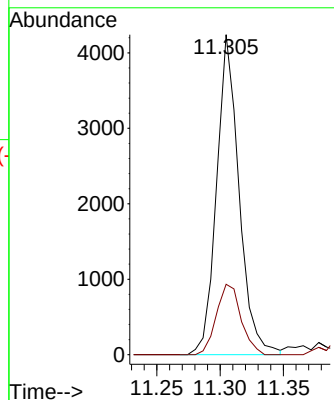
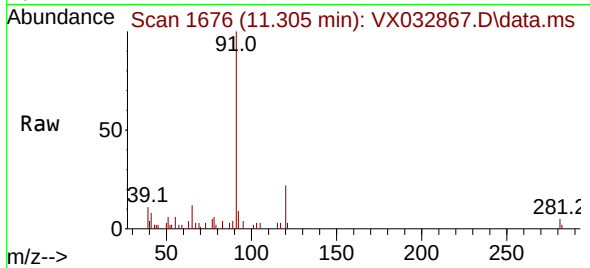




#78
n-propylbenzene
Concen: 0.878 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

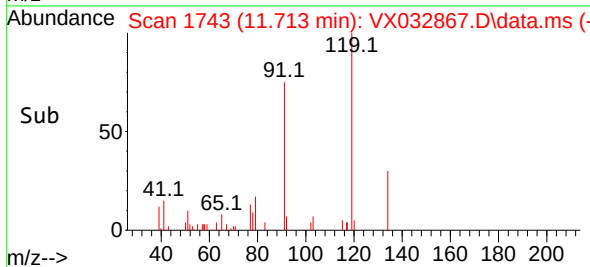
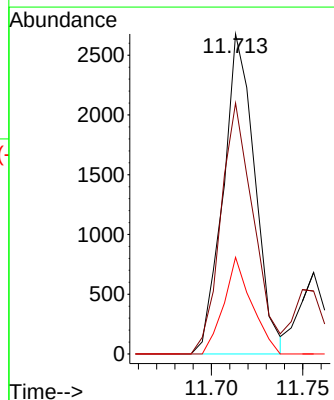
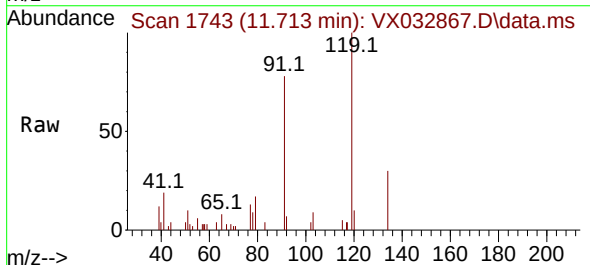
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MSVOA_X
ClientSampleId :
MW-16S

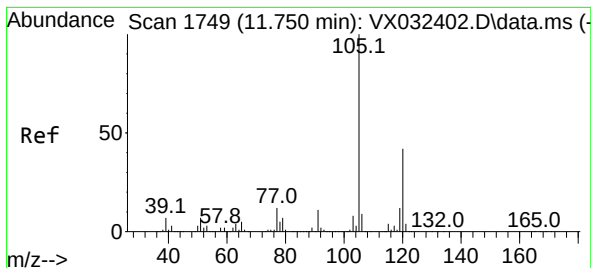
Tgt Ion: 91 Resp: 5222
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8



#83
tert-Butylbenzene
Concen: 0.733 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032867.D
Acq: 16 Nov 2022 14:51

Tgt Ion: 119 Resp: 3228
Ion Ratio Lower Upper
119 100
91 81.4 29.4 88.2
134 26.7 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 1.140 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032867.D

Acq: 16 Nov 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

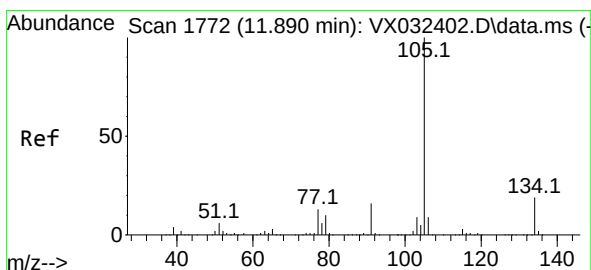
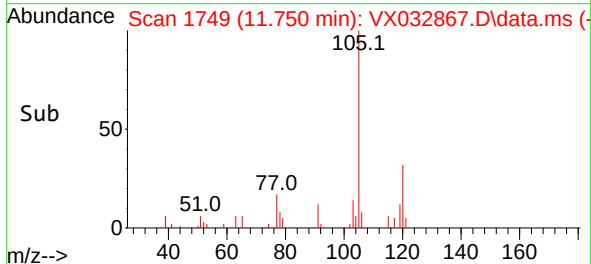
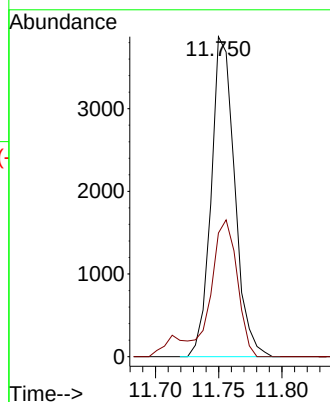
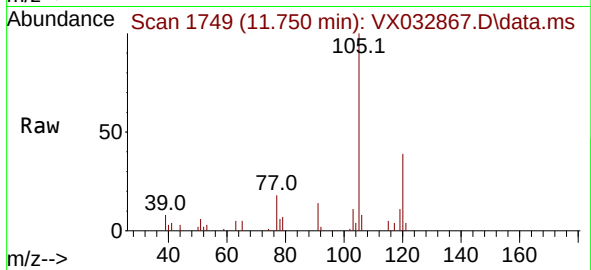
MW-16S

Tgt Ion:105 Resp: 5003

Ion Ratio Lower Upper

105 100

120 46.8 21.9 65.5



#85

sec-Butylbenzene

Concen: 0.494 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX032867.D

Acq: 16 Nov 2022 14:51

Tgt Ion:105 Resp: 2616

Ion Ratio Lower Upper

105 100

134 27.5 9.9 29.7

