

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033062.D
 Acq On : 25 Nov 2022 12:59
 Operator : JC/MD
 Sample : N5741-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31DL

Quant Time: Nov 28 00:46:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

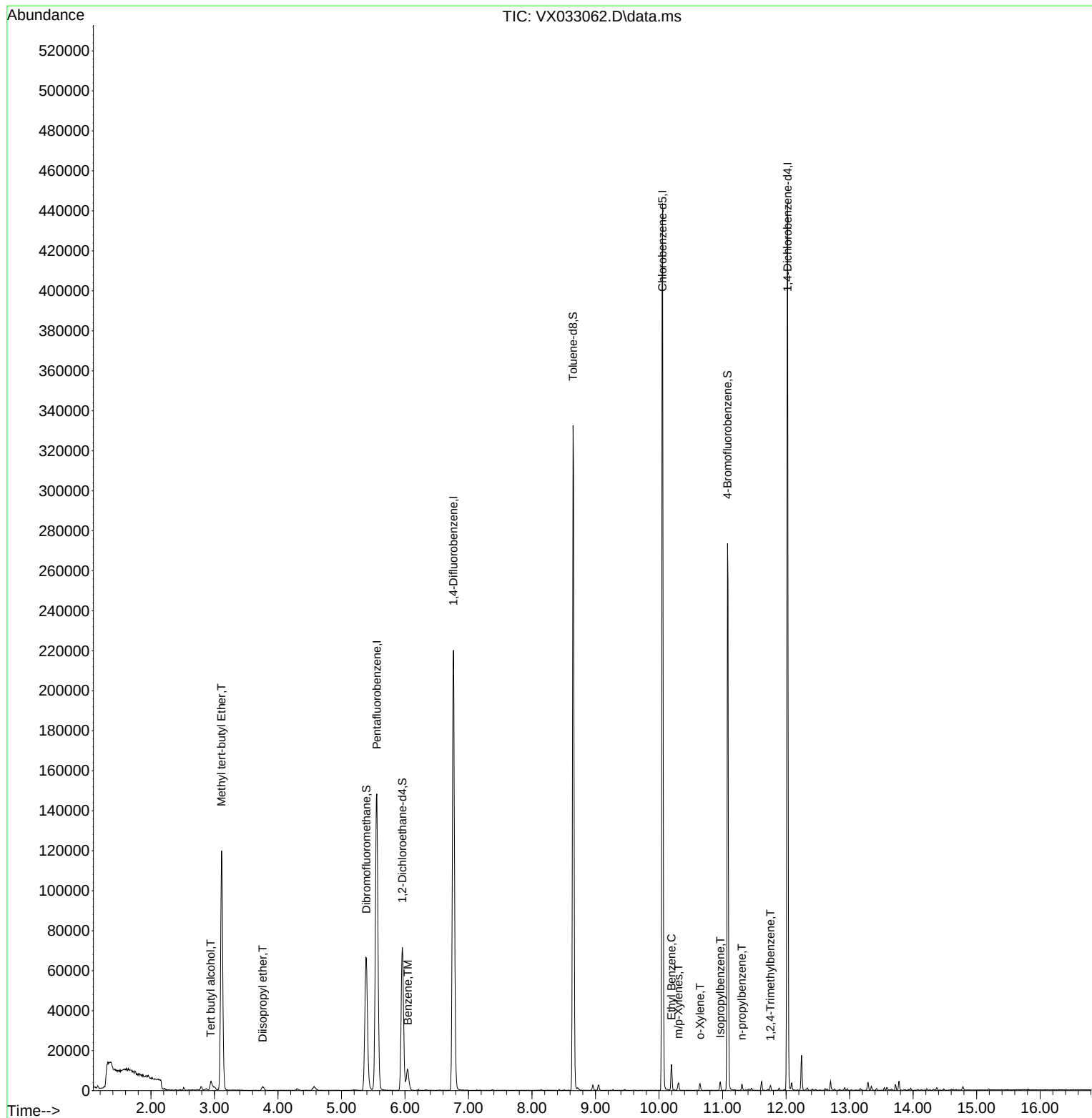
Internal Standards						
1) Pentafluorobenzene	5.556	168	139753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72907	53.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.220%	
35) Dibromofluoromethane	5.391	113	57712	45.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.260%	
50) Toluene-d8	8.647	98	194941	51.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	11.079	95	71279	42.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	5747	26.638	ug/l	# 72
19) Methyl tert-butyl Ether	3.111	73	131117	31.000	ug/l	100
22) Diisopropyl ether	3.757	45	1951	0.455	ug/l	92
40) Benzene	6.043	78	12678	2.236	ug/l	99
67) Ethyl Benzene	10.195	91	7774	1.112	ug/l	95
68) m/p-Xylenes	10.305	106	995	0.363	ug/l	99
69) o-Xylene	10.646	106	876	0.331	ug/l	92
73) Isopropylbenzene	10.963	105	2341	0.356	ug/l	99
78) n-propylbenzene	11.305	91	2236	0.298	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1277	0.232	ug/l	95

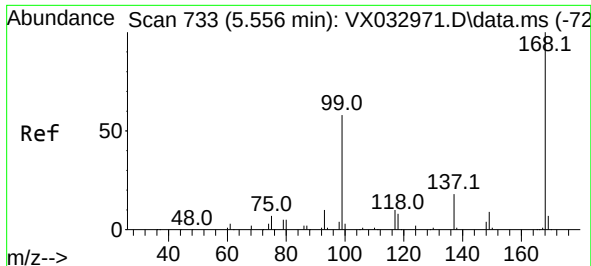
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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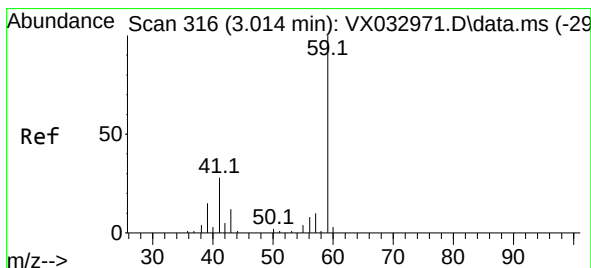
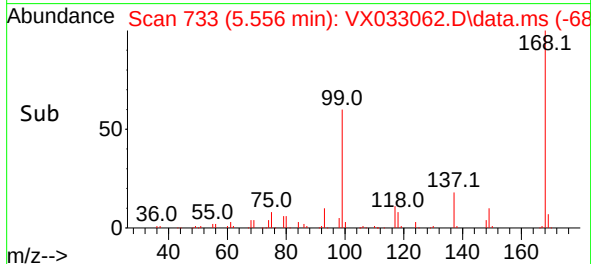
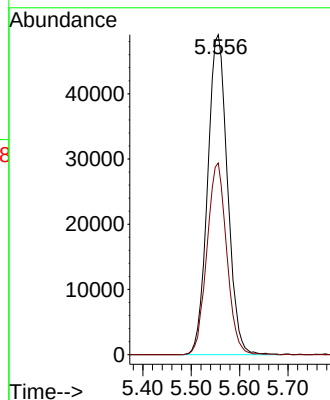
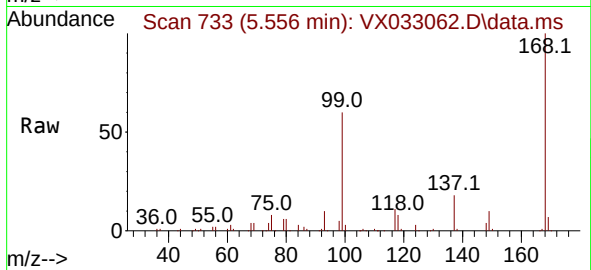




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

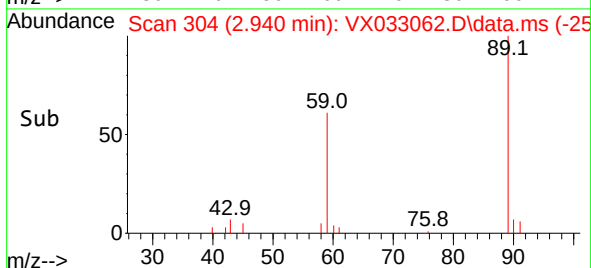
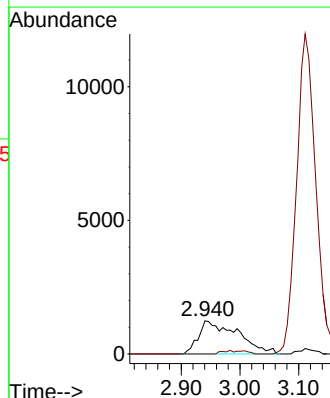
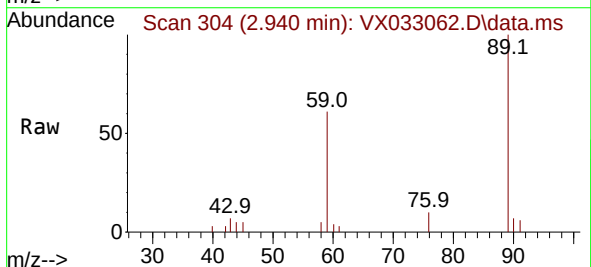
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

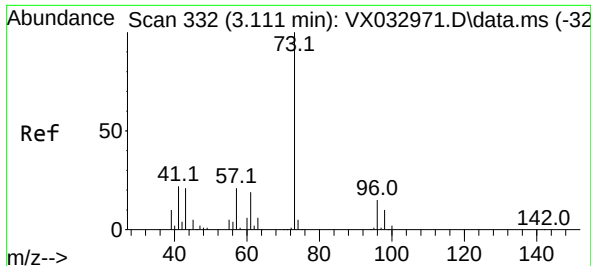
Tgt Ion:168 Resp: 139753
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 26.638 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion: 59 Resp: 5747
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

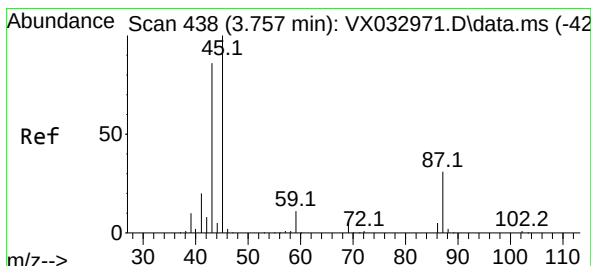
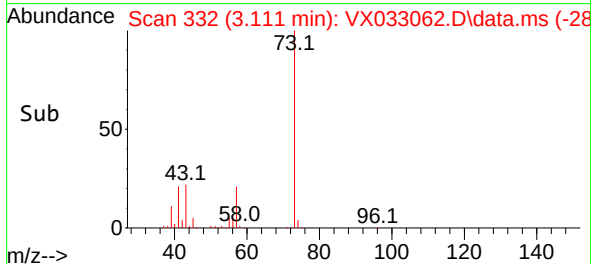
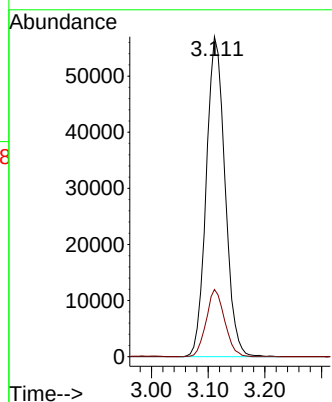
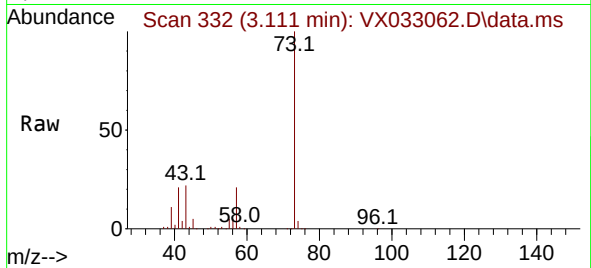




#19
Methyl tert-butyl Ether
Concen: 31.000 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

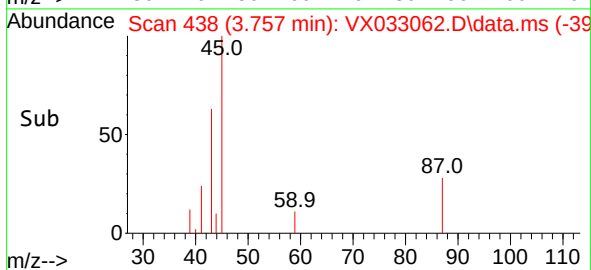
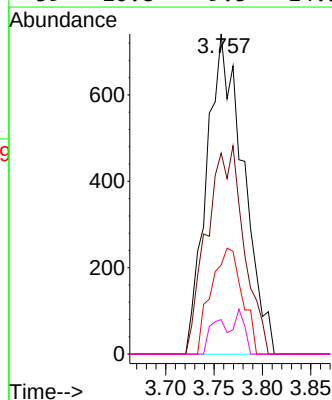
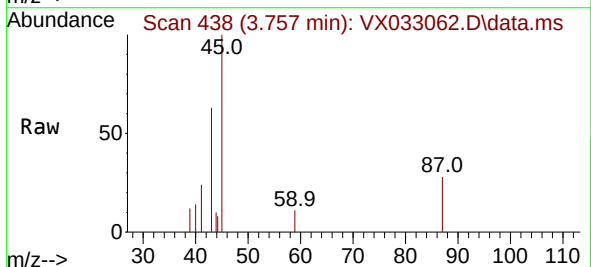
Instrument :
MSVOA_X
ClientSampleId :
MW-31DL

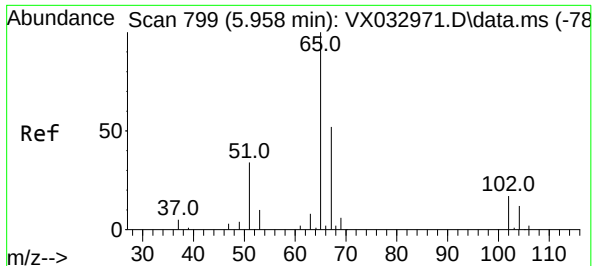
Tgt Ion: 73 Resp: 131117
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#22
Diisopropyl ether
Concen: 0.455 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion: 45 Resp: 1951
Ion Ratio Lower Upper
45 100
43 62.8 56.4 84.6
87 27.8 24.4 36.6
59 10.8 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 53.615 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033062.D

Acq: 25 Nov 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

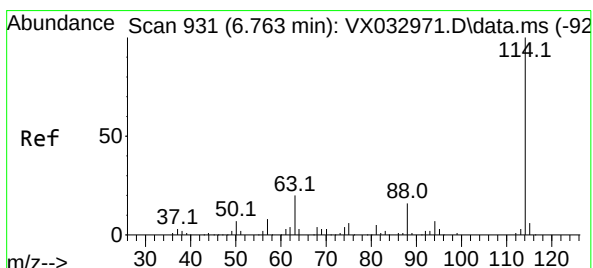
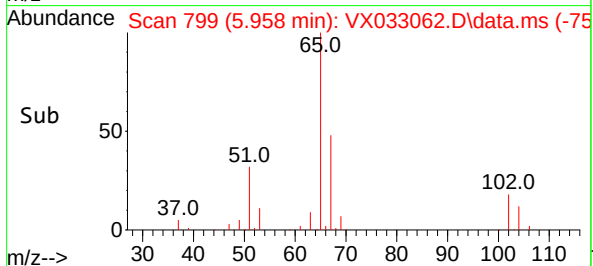
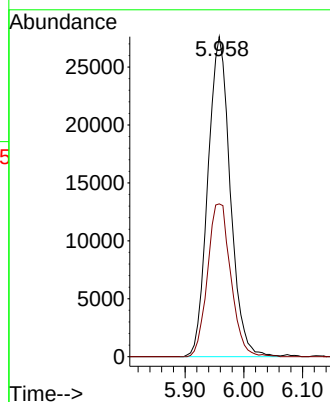
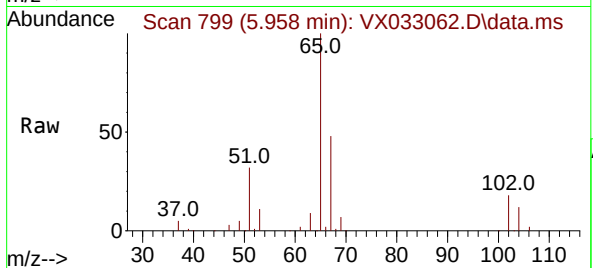
MW-31DL

Tgt Ion: 65 Resp: 72907

Ion Ratio Lower Upper

65 100

67 49.8 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: VX033062.D

Acq: 25 Nov 2022 12:59

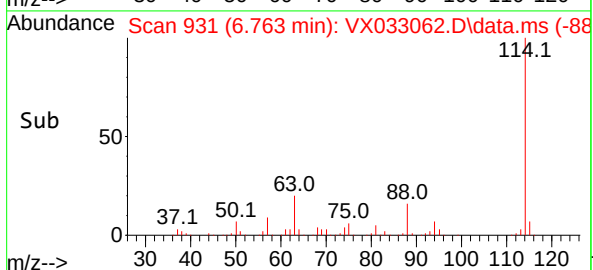
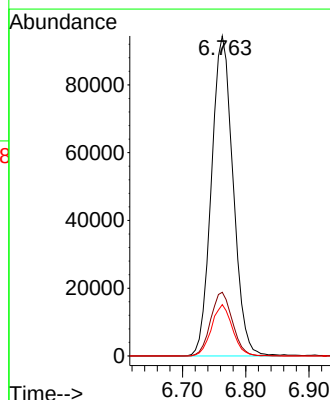
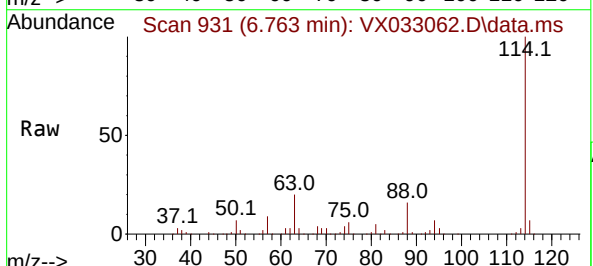
Tgt Ion: 114 Resp: 224338

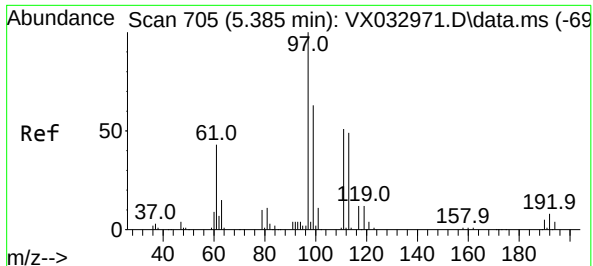
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.0 0.0 33.4

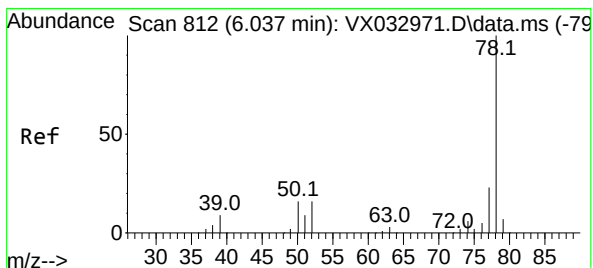
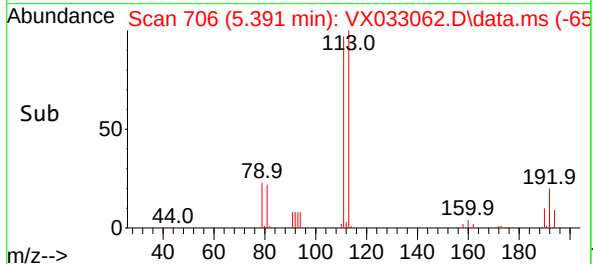
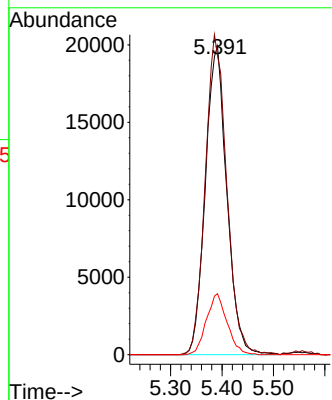
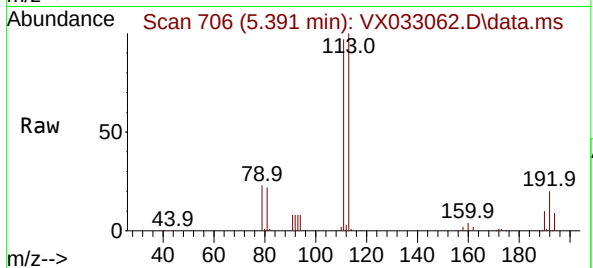




#35
Dibromofluoromethane
Concen: 45.632 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

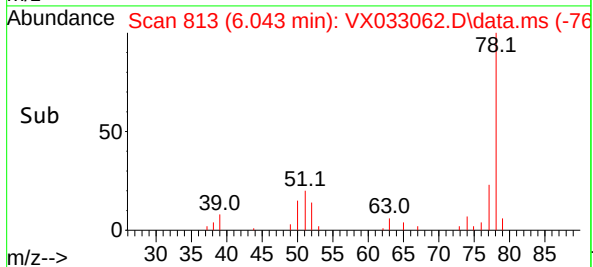
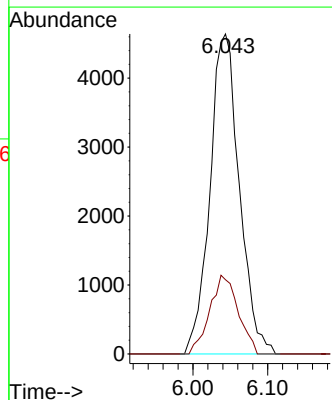
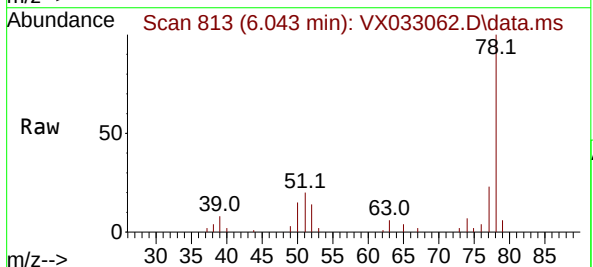
Instrument :
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ClientSampleId :
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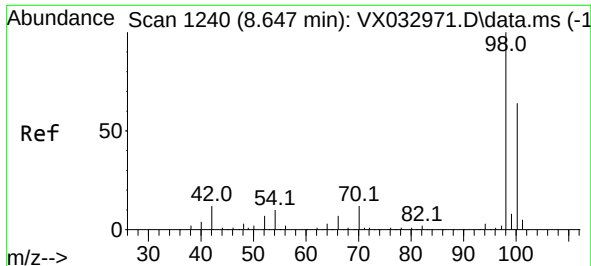
Tgt Ion:113 Resp: 57712
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.1 15.4 23.2



#40
Benzene
Concen: 2.236 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion: 78 Resp: 12678
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

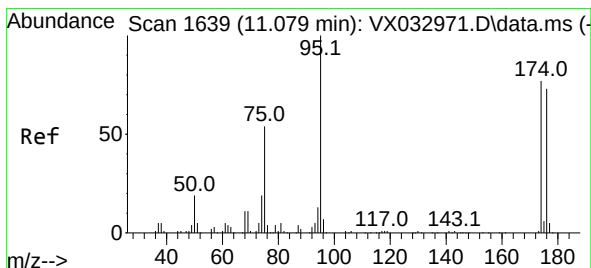
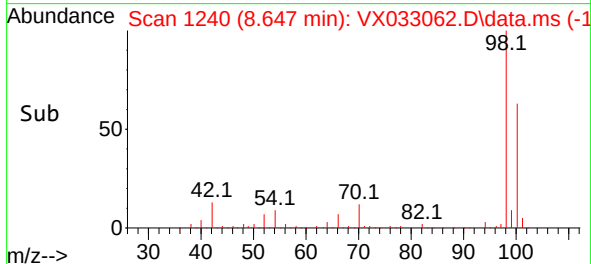
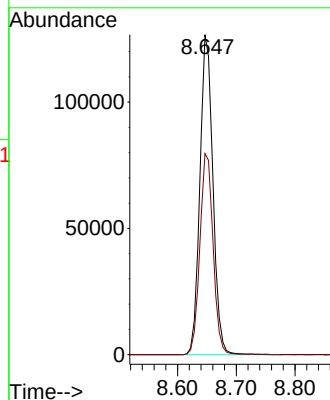
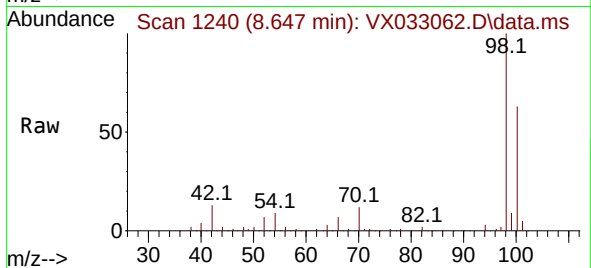




#50
Toluene-d8
Concen: 51.284 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

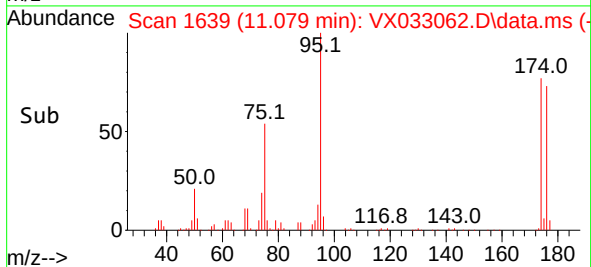
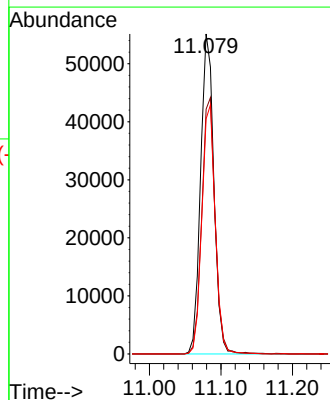
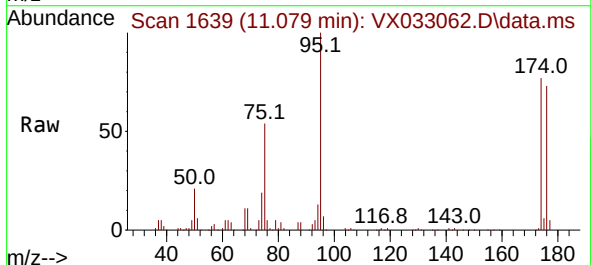
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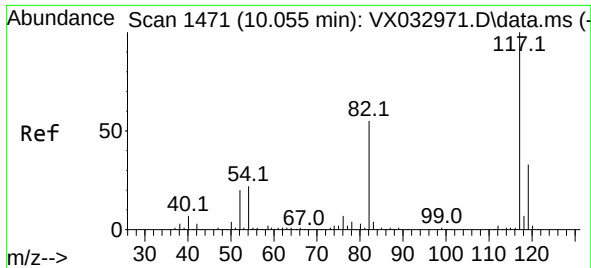
Tgt Ion: 98 Resp: 194941
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion: 95 Resp: 71279
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 78.2 0.0 154.4

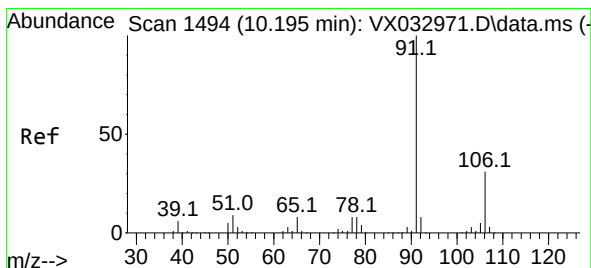
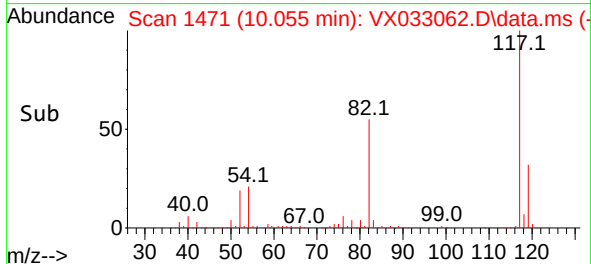
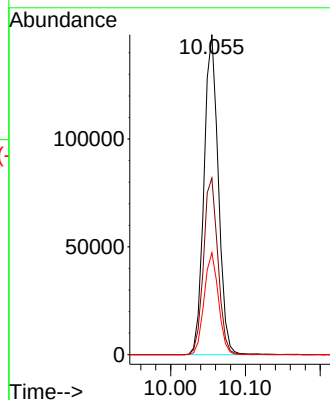
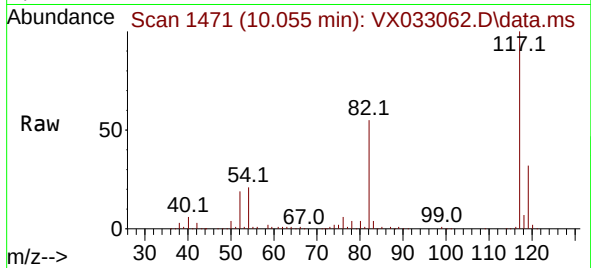




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

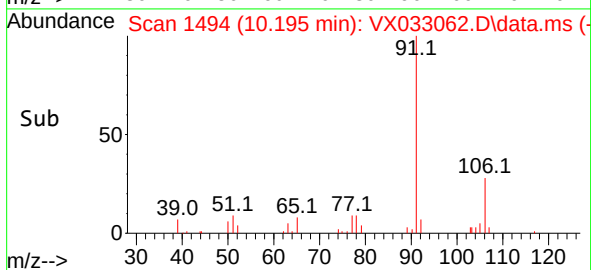
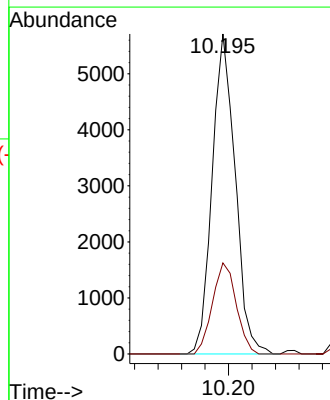
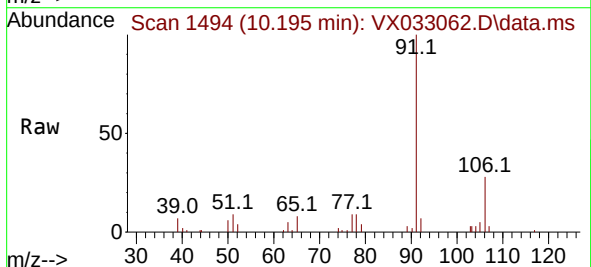
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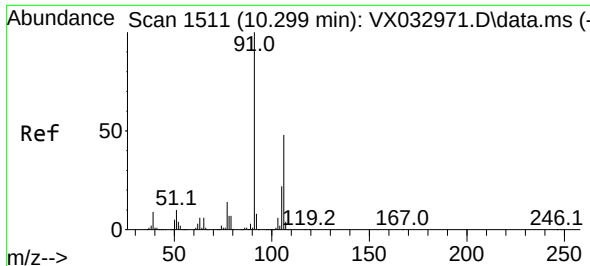
Tgt Ion:117 Resp: 197685
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.9 25.7 38.5



#67
Ethyl Benzene
Concen: 1.112 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion: 91 Resp: 7774
Ion Ratio Lower Upper
91 100
106 28.5 25.0 37.6

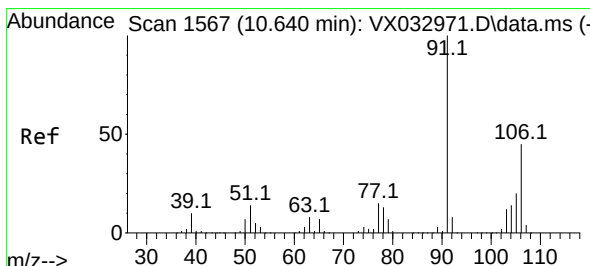
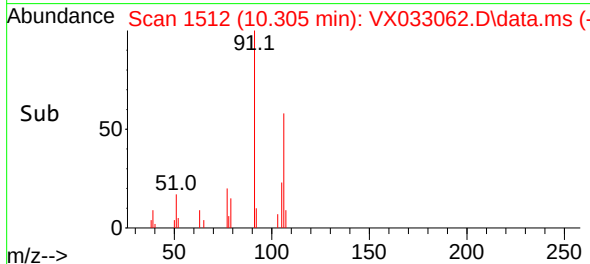
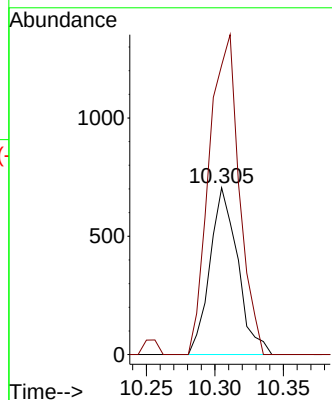
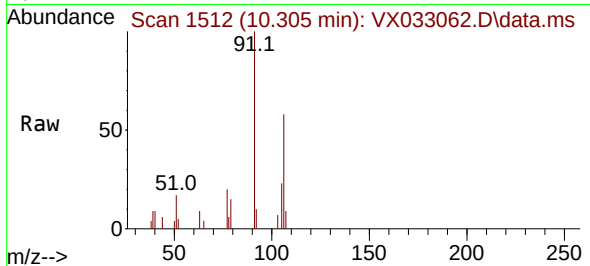




#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

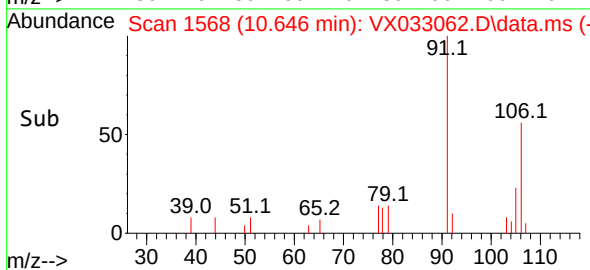
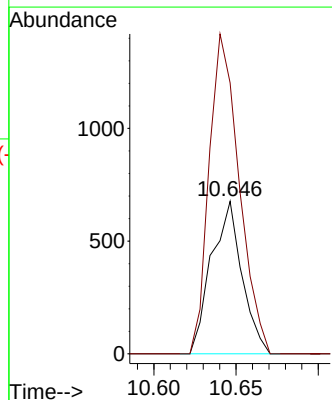
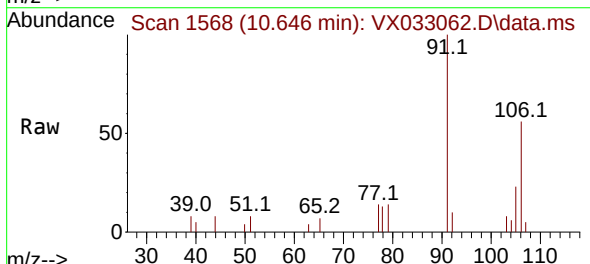
Instrument :
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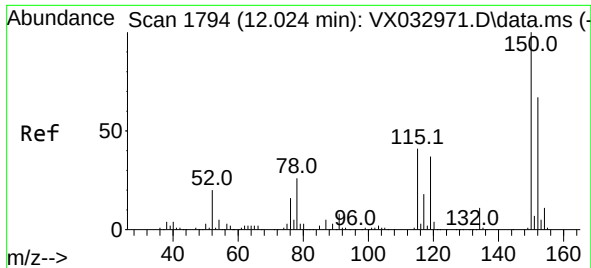
Tgt Ion:106 Resp: 995
Ion Ratio Lower Upper
106 100
91 207.6 164.5 246.7



#69
o-Xylene
Concen: 0.331 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion:106 Resp: 876
Ion Ratio Lower Upper
106 100
91 205.8 109.2 327.6

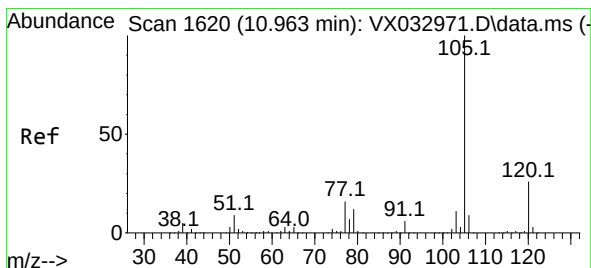
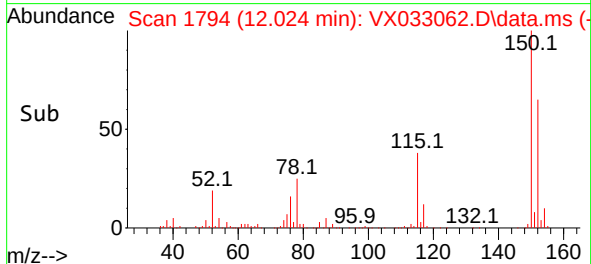
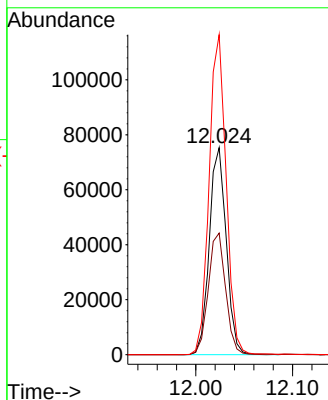
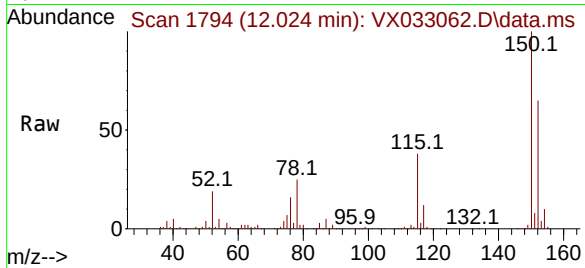




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

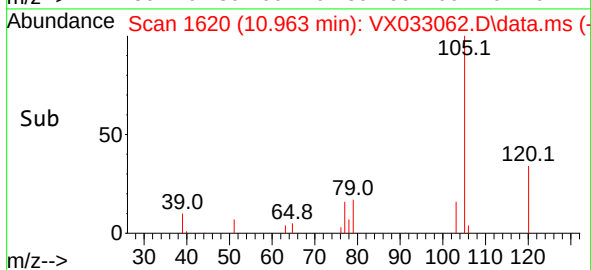
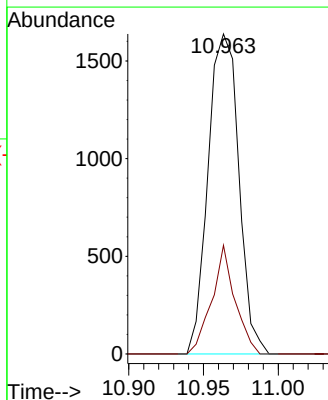
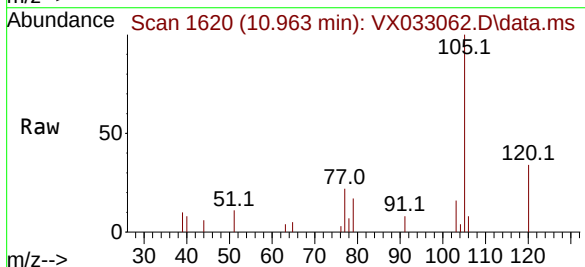
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MSVOA_X
ClientSampleId :
MW-31DL

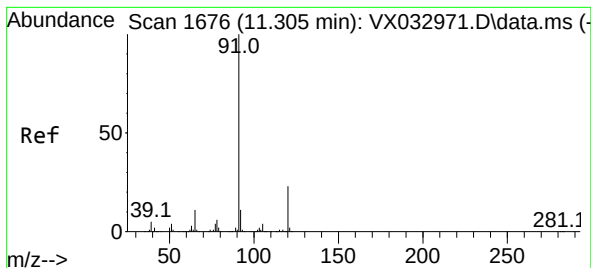
Tgt Ion:152 Resp: 91961
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 155.2 0.0 351.8



#73
Isopropylbenzene
Concen: 0.356 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033062.D
Acq: 25 Nov 2022 12:59

Tgt Ion:105 Resp: 2341
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3





#78

n-propylbenzene

Concen: 0.298 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033062.D

Acq: 25 Nov 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

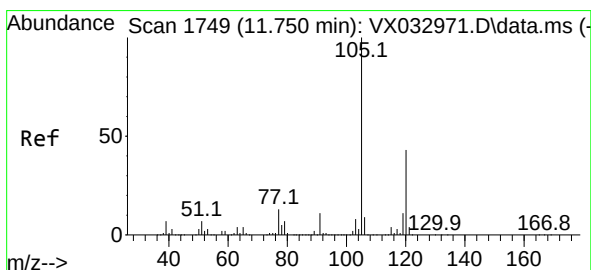
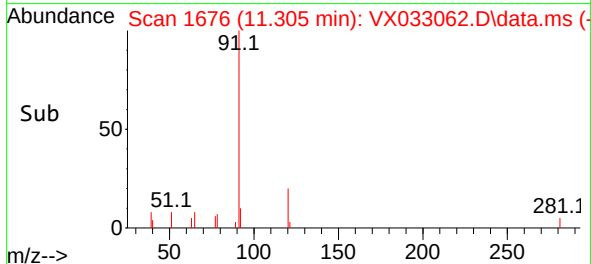
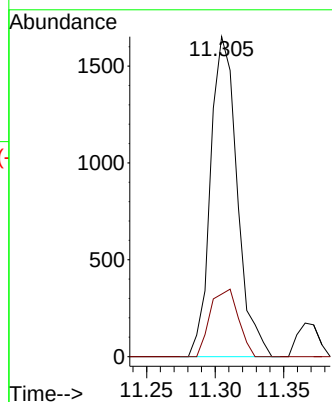
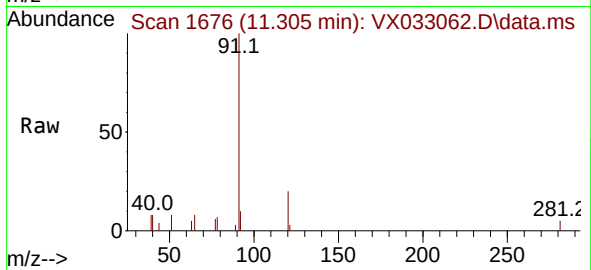
MW-31DL

Tgt Ion: 91 Resp: 2236

Ion Ratio Lower Upper

91 100

120 22.1 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 0.232 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033062.D

Acq: 25 Nov 2022 12:59

Tgt Ion: 105 Resp: 1277

Ion Ratio Lower Upper

105 100

120 47.1 21.9 65.5

