

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033063.D
 Acq On : 25 Nov 2022 13:22
 Operator : JC/MD
 Sample : N5741-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25DL

Quant Time: Nov 28 00:46:22 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)

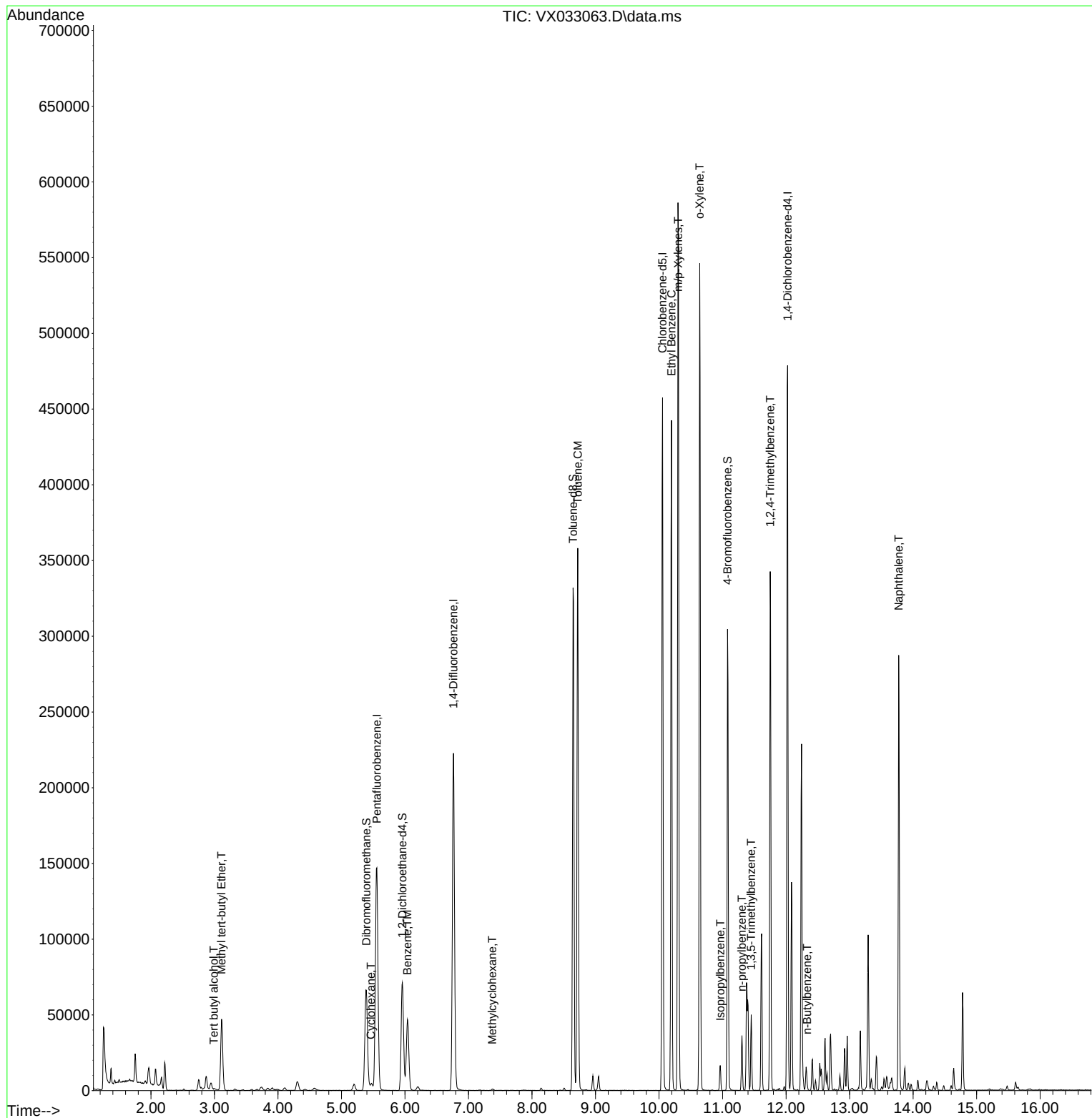
Internal Standards						
1) Pentafluorobenzene	5.556	168	140284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73352	53.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.500%	
35) Dibromofluoromethane	5.391	113	58265	45.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.920%	
50) Toluene-d8	8.647	98	200202	52.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	11.079	95	75349	45.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	1862	8.598	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	49635	11.691	ug/l	94
31) Cyclohexane	5.464	56	3000	1.355	ug/l	98
39) Methylcyclohexane	7.373	83	559	0.242	ug/l	88
40) Benzene	6.038	78	56677	9.973	ug/l	99
52) Toluene	8.720	92	131645	35.210	ug/l	98
67) Ethyl Benzene	10.195	91	242624	34.321	ug/l	99
68) m/p-Xylenes	10.299	106	134868	48.720	ug/l	100
69) o-Xylene	10.640	106	115087	42.967	ug/l	100
73) Isopropylbenzene	10.963	105	8997	1.259	ug/l	100
78) n-propylbenzene	11.305	91	21768	2.665	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	20570	3.428	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	150251	25.108	ug/l	99
89) n-Butylbenzene	12.329	91	2367	0.454	ug/l #	25
95) Naphthalene	13.774	128	172015	26.908	ug/l	100

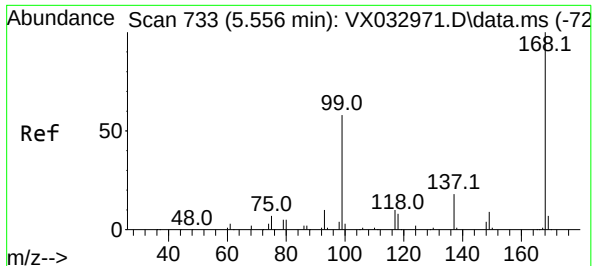
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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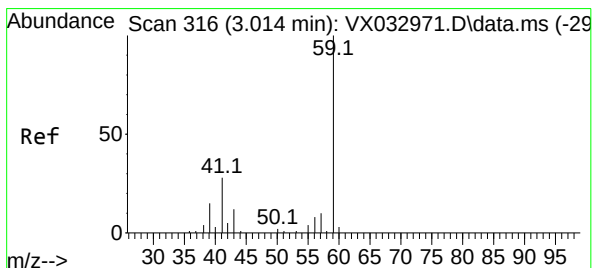
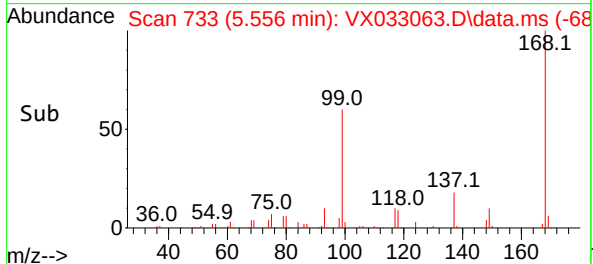
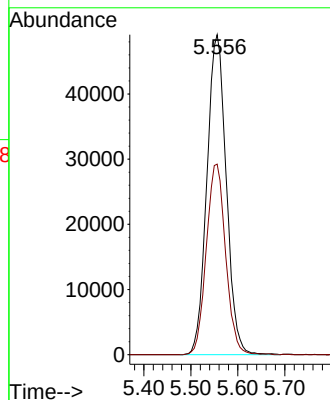
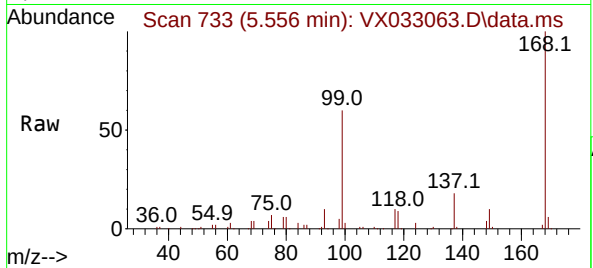




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

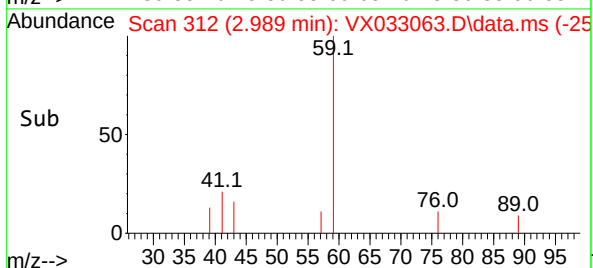
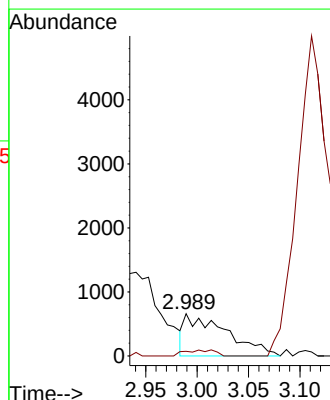
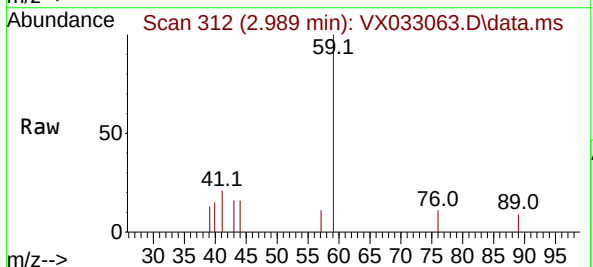
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

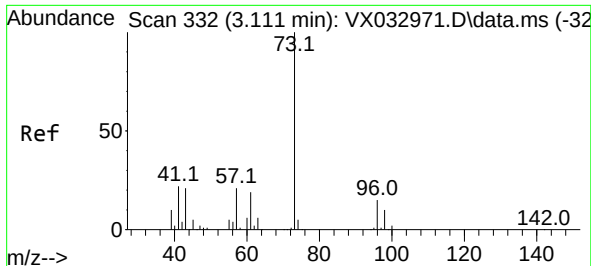
Tgt Ion:168 Resp: 140284
Ion Ratio Lower Upper
168 100
99 59.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.598 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 59 Resp: 1862
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

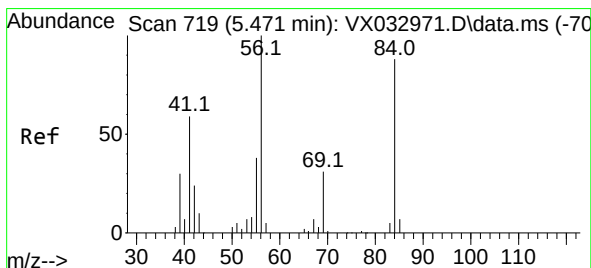
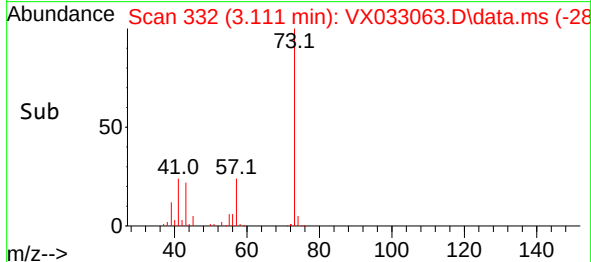
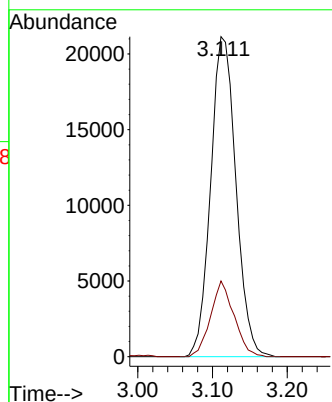
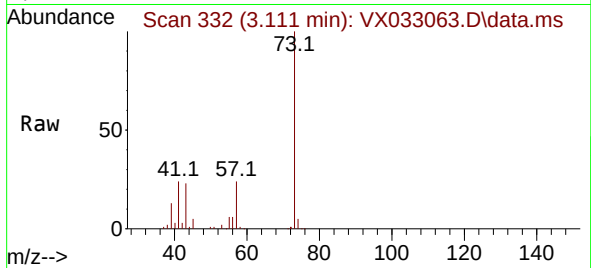




#19
Methyl tert-butyl Ether
Concen: 11.691 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

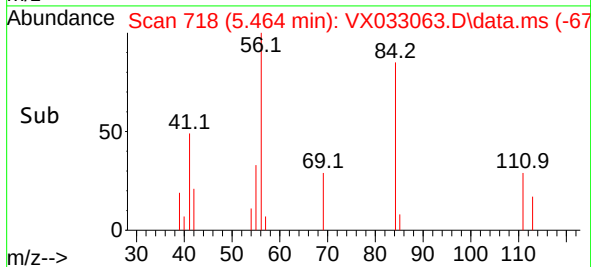
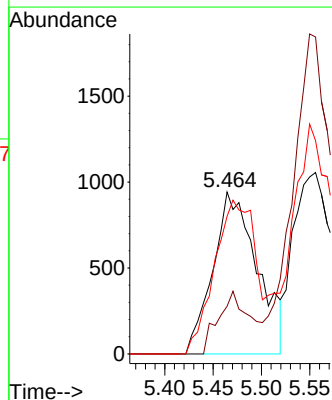
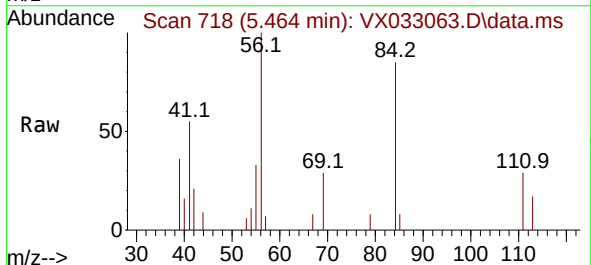
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

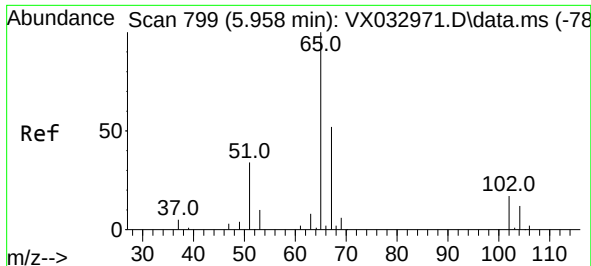
Tgt Ion: 73 Resp: 49635
Ion Ratio Lower Upper
73 100
57 23.6 16.6 25.0



#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 56 Resp: 3000
Ion Ratio Lower Upper
56 100
69 29.4 24.1 36.1
84 85.0 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.746 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033063.D

Acq: 25 Nov 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

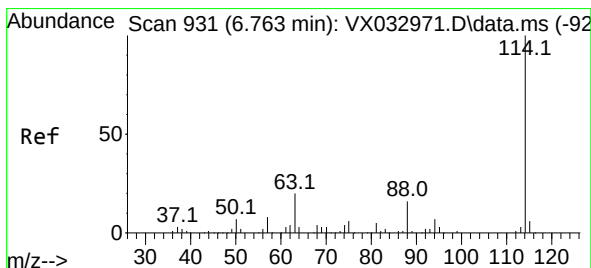
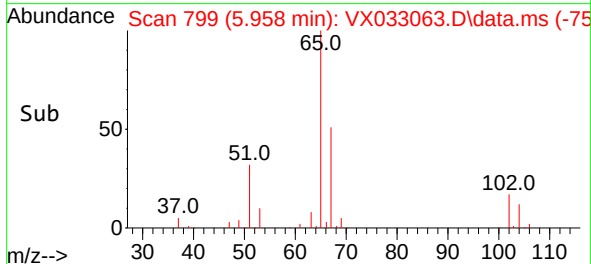
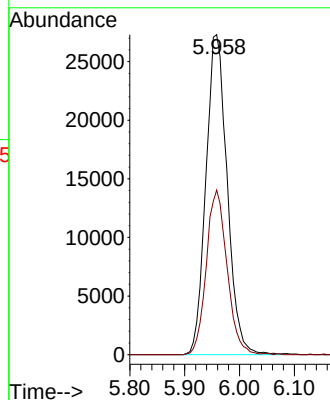
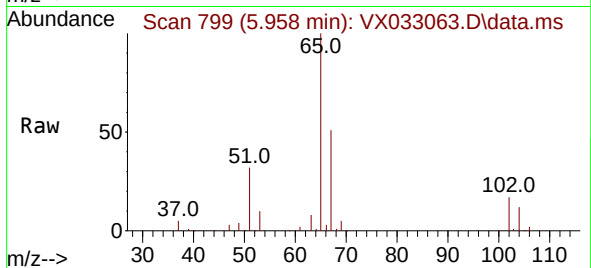
MW-25DL

Tgt Ion: 65 Resp: 73352

Ion Ratio Lower Upper

65 100

67 50.2 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: VX033063.D

Acq: 25 Nov 2022 13:22

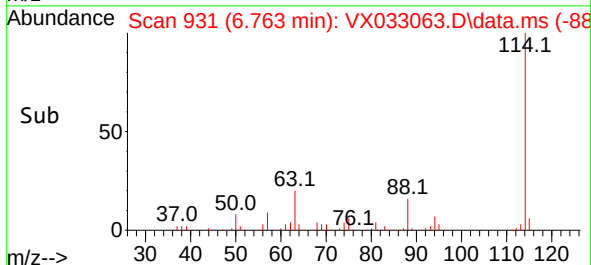
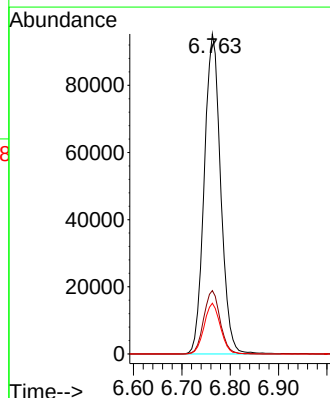
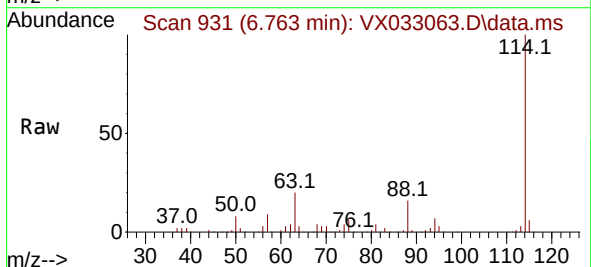
Tgt Ion: 114 Resp: 224852

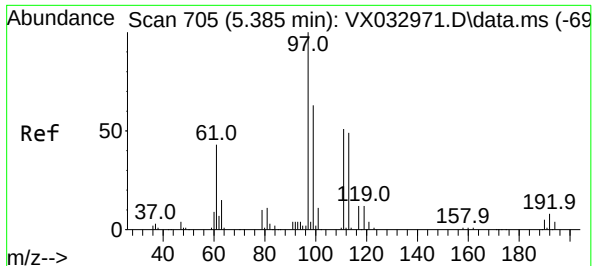
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.8 0.0 33.4

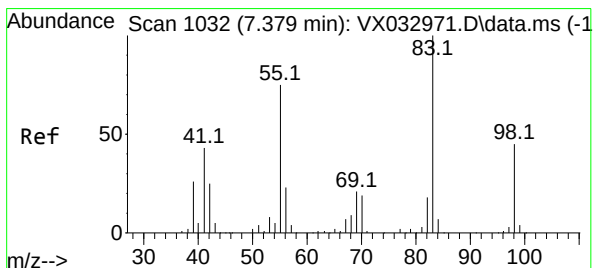
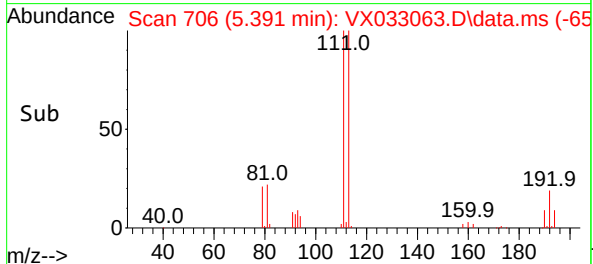
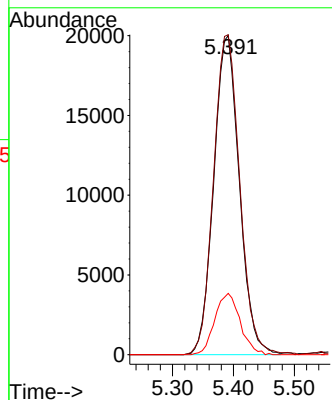
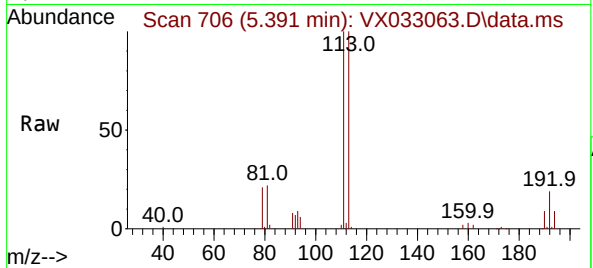




#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

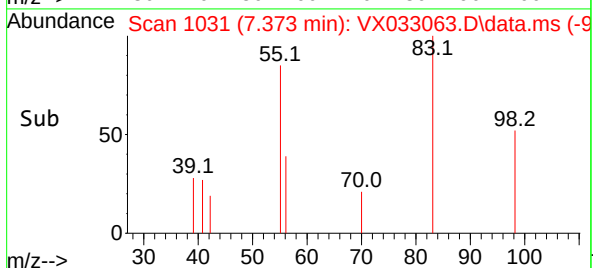
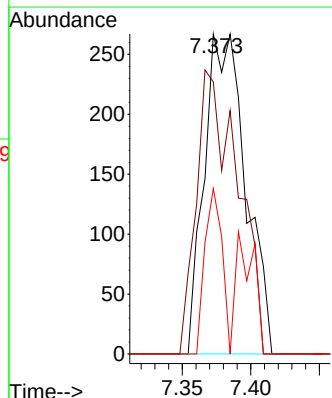
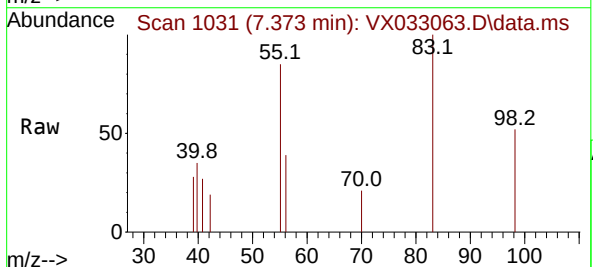
Instrument :
MSVOA_X
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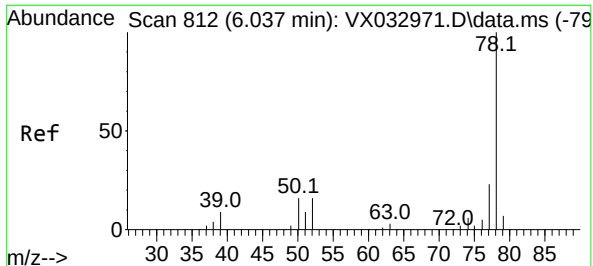
Tgt Ion:113 Resp: 58265
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.1 15.4 23.2



#39
Methylcyclohexane
Concen: 0.242 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 83 Resp: 559
Ion Ratio Lower Upper
83 100
55 85.0 58.4 87.6
98 51.7 37.2 55.8

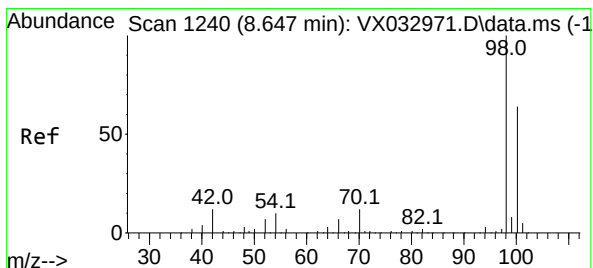
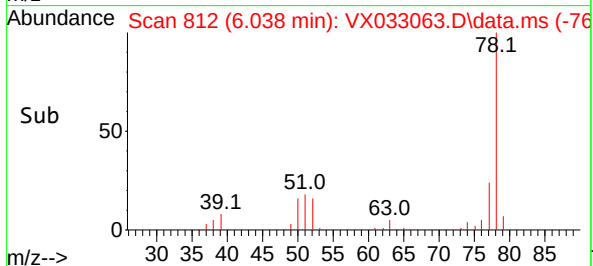
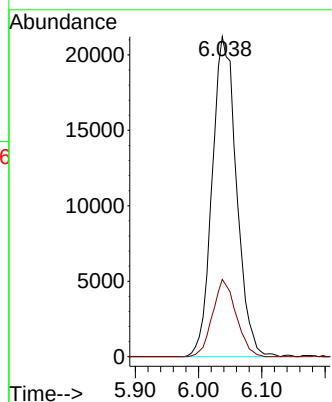
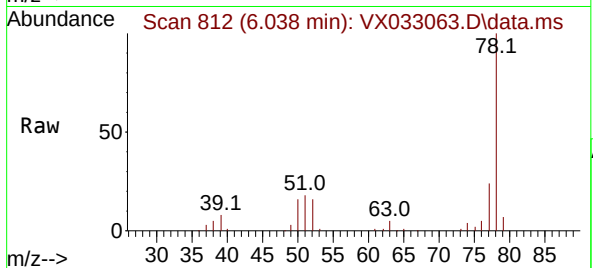




#40
Benzene
Concen: 9.973 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

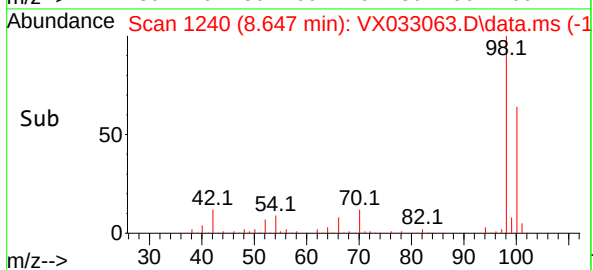
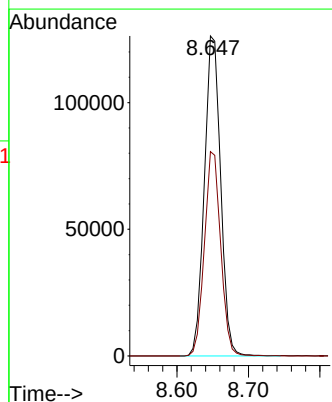
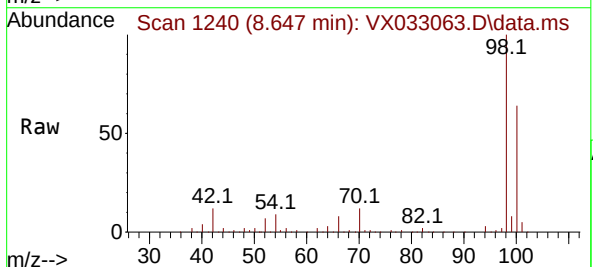
Instrument :
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ClientSampleId :
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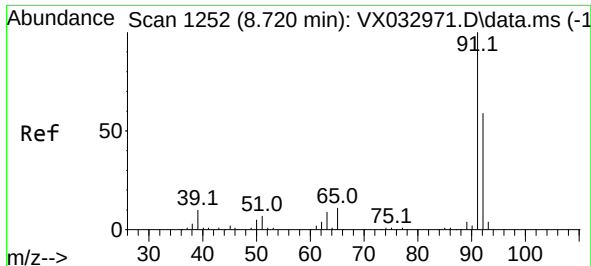
Tgt Ion: 78 Resp: 56677
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



#50
Toluene-d8
Concen: 52.603 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 98 Resp: 200202
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

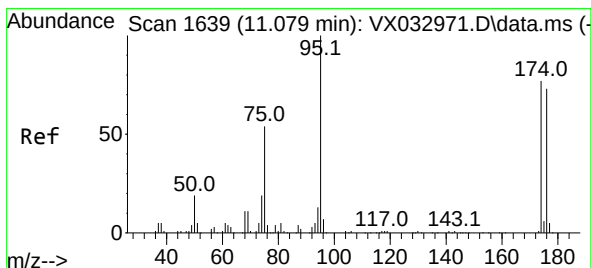
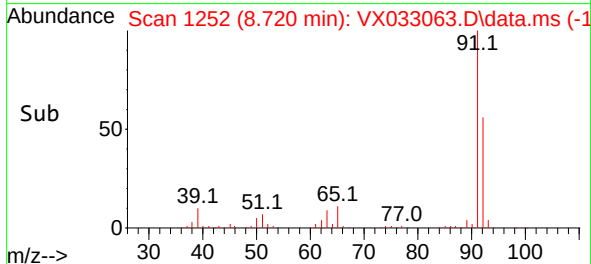
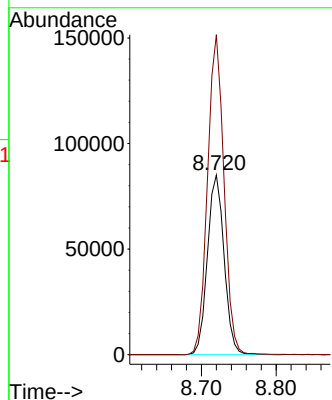
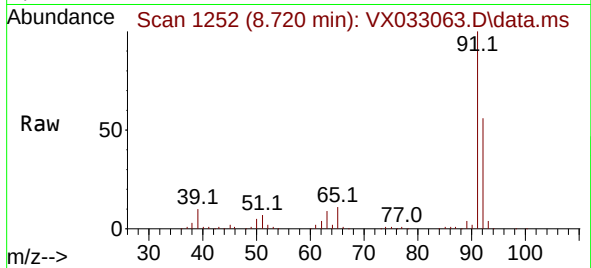




#52
Toluene
Concen: 35.210 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

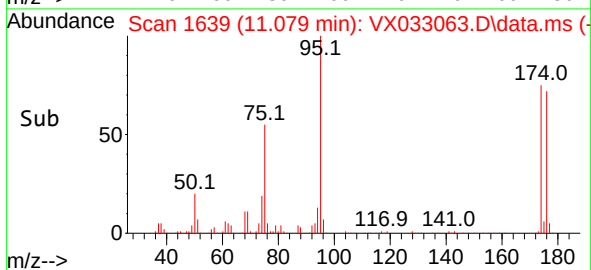
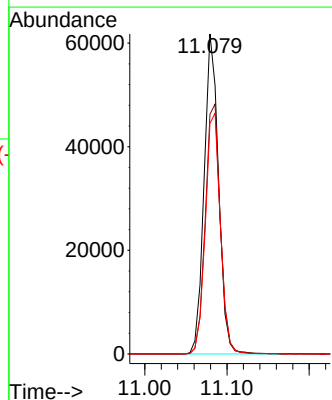
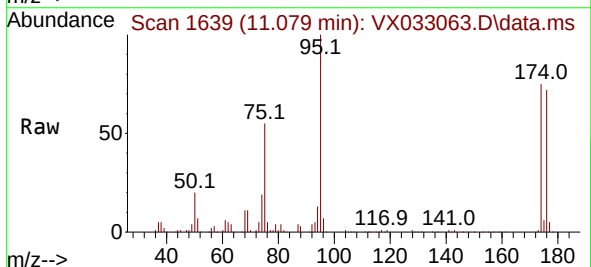
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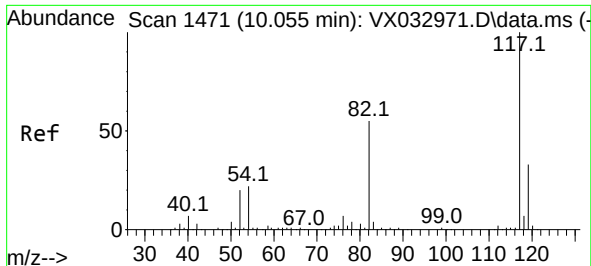
Tgt Ion: 92 Resp: 131645
Ion Ratio Lower Upper
92 100
91 175.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 95 Resp: 75349
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.6 0.0 154.4

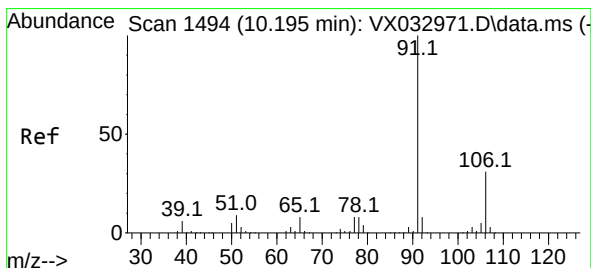
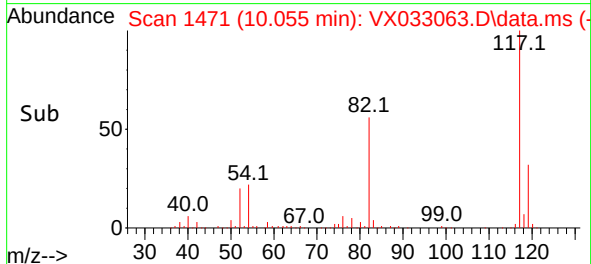
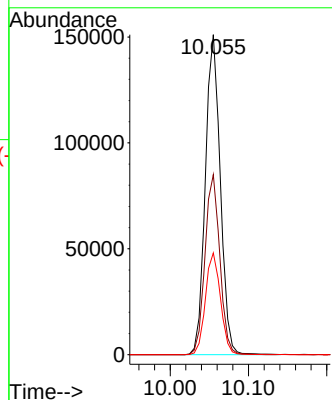
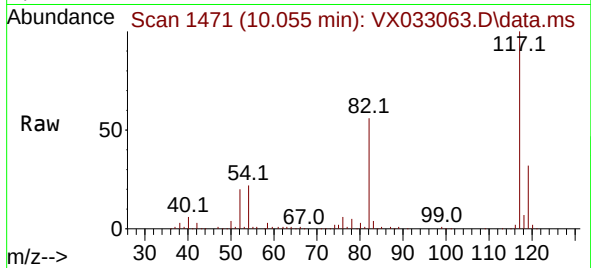




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

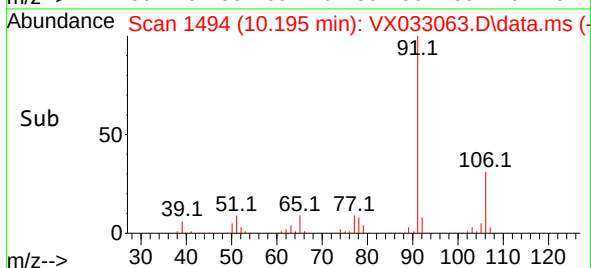
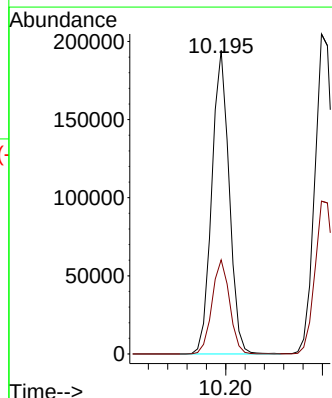
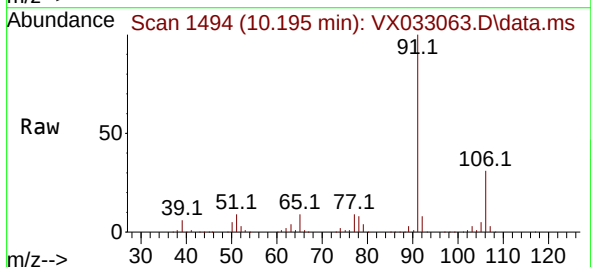
Instrument :
MSVOA_X
ClientSampleId :
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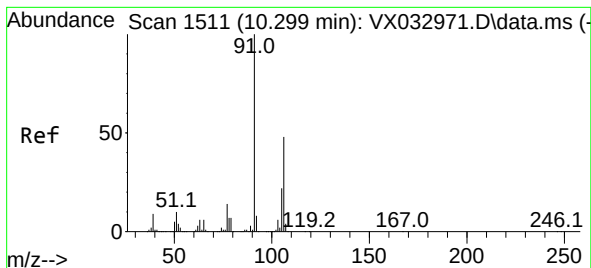
Tgt Ion:117 Resp: 199887
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 31.8 25.7 38.5



#67
Ethyl Benzene
Concen: 34.321 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 91 Resp: 242624
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

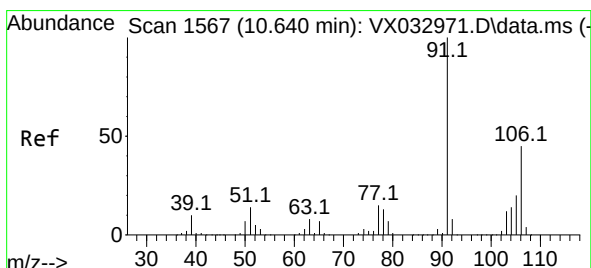
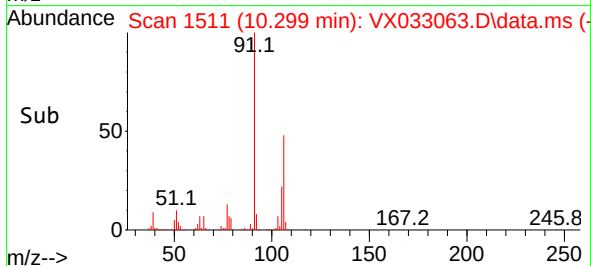
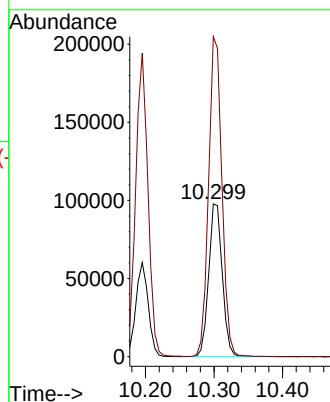
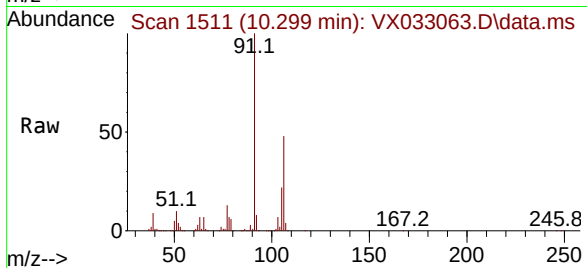




#68
m/p-Xylenes
Concen: 48.720 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

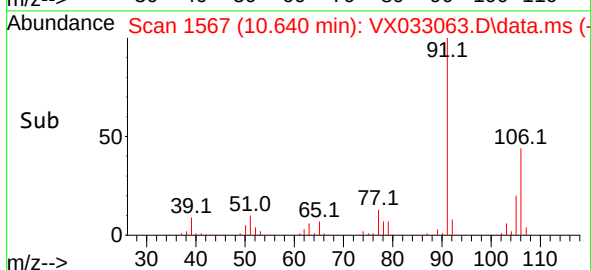
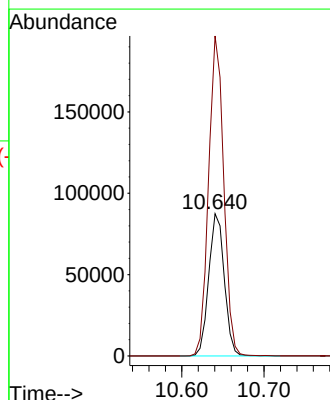
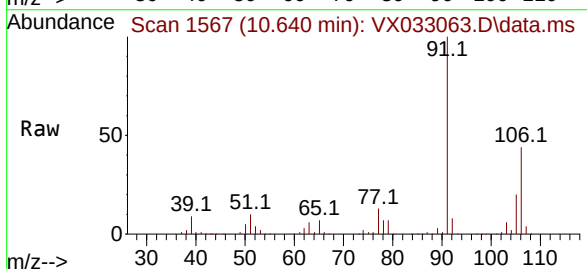
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

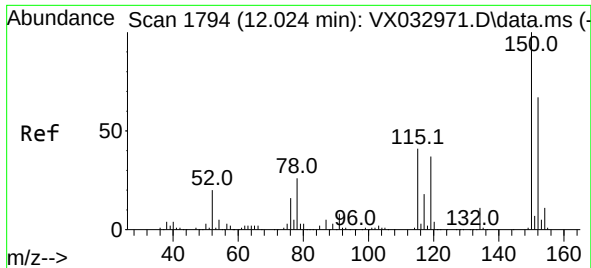
Tgt Ion:106 Resp: 134868
Ion Ratio Lower Upper
106 100
91 206.0 164.5 246.7



#69
o-Xylene
Concen: 42.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion:106 Resp: 115087
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6

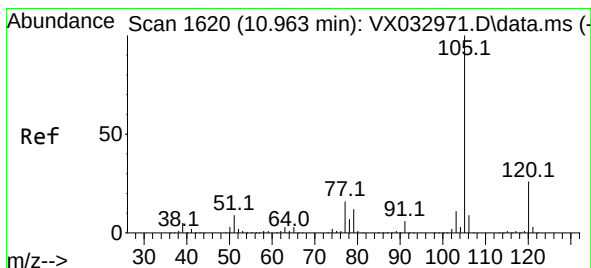
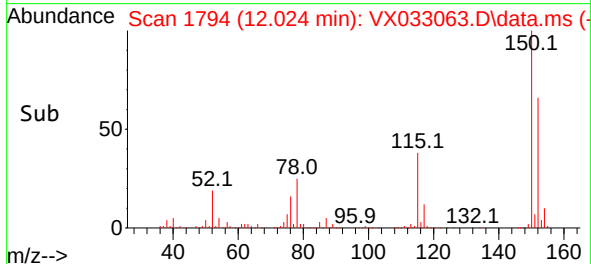
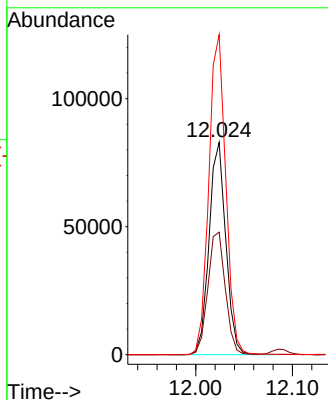
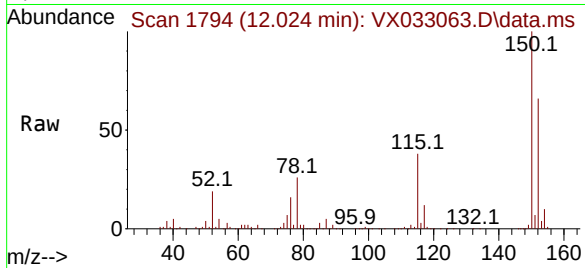




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

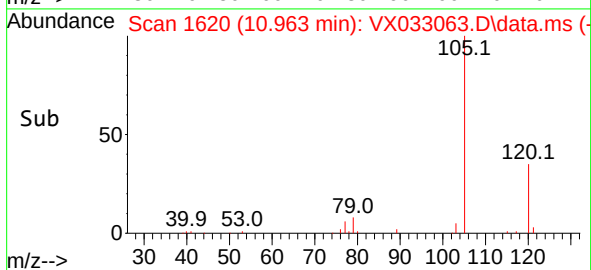
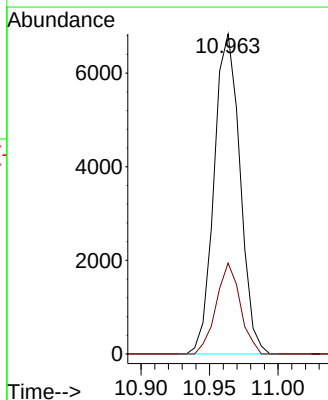
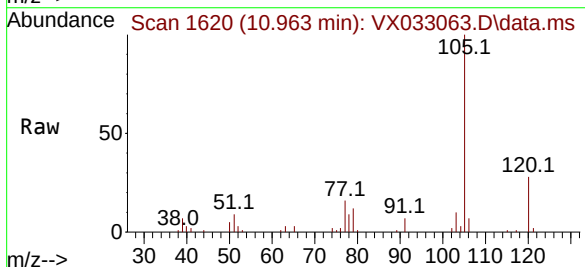
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

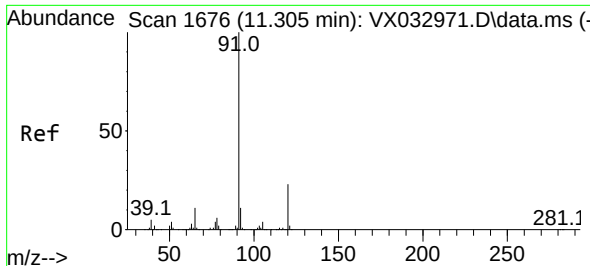
Tgt Ion:152 Resp: 99972
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 152.9 0.0 351.8



#73
Isopropylbenzene
Concen: 1.259 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion:105 Resp: 8997
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

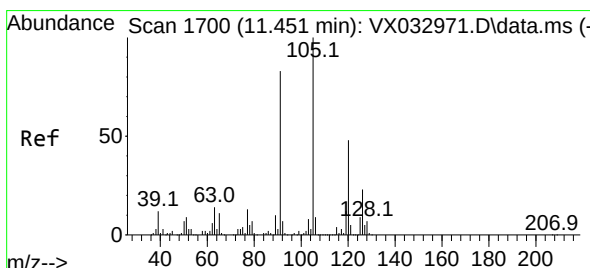
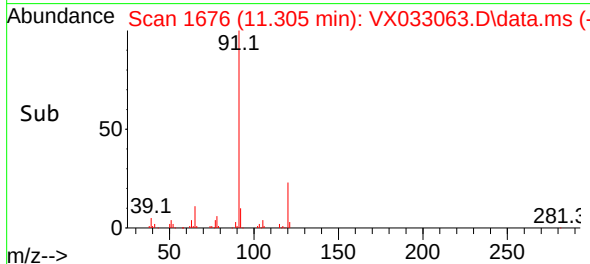
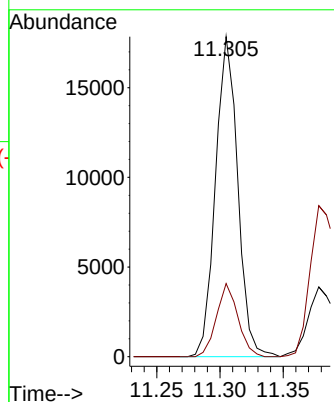
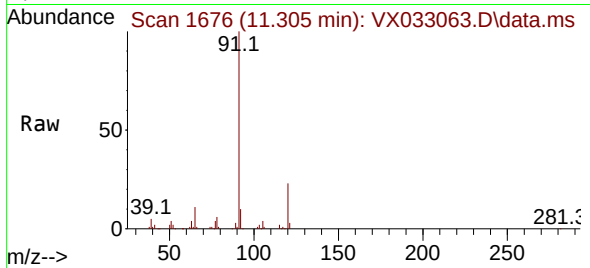




#78
n-propylbenzene
Concen: 2.665 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

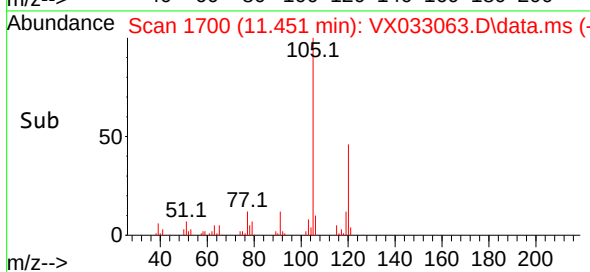
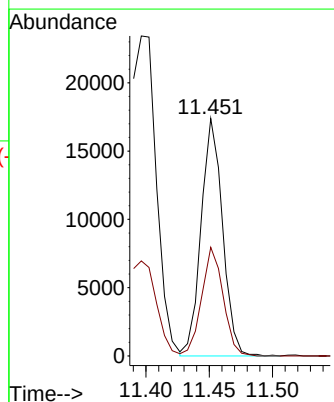
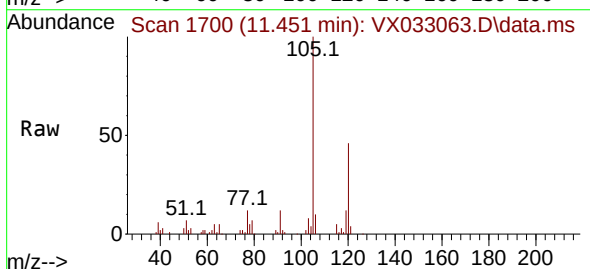
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

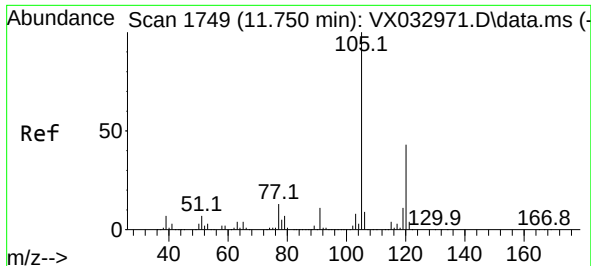
Tgt Ion: 91 Resp: 21768
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.428 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 105 Resp: 20570
Ion Ratio Lower Upper
105 100
120 45.8 23.6 71.0

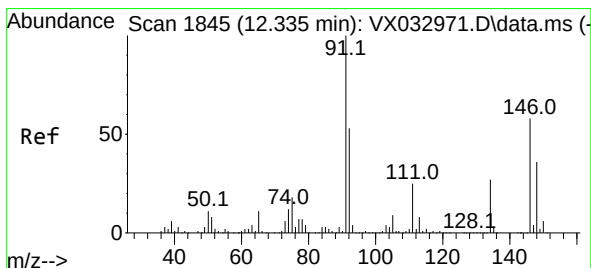
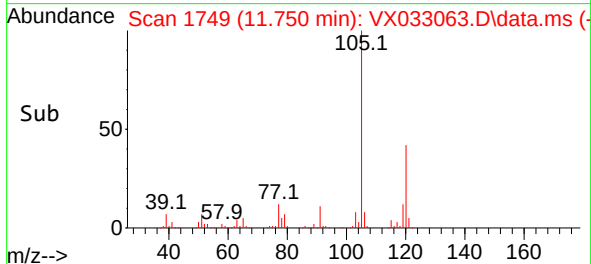
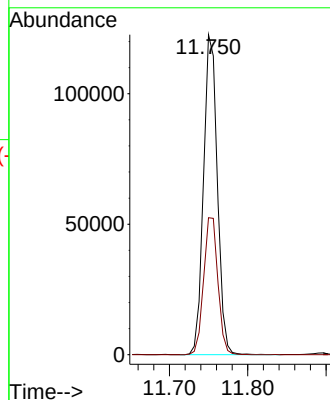
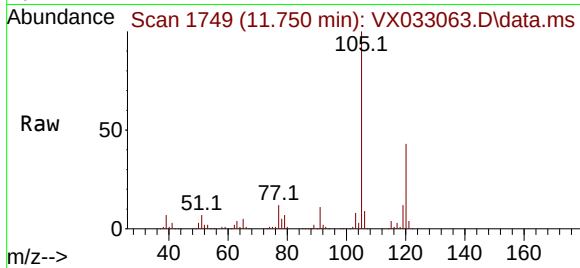




#84
1,2,4-Trimethylbenzene
Concen: 25.108 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

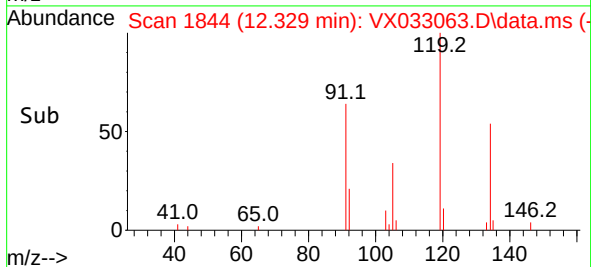
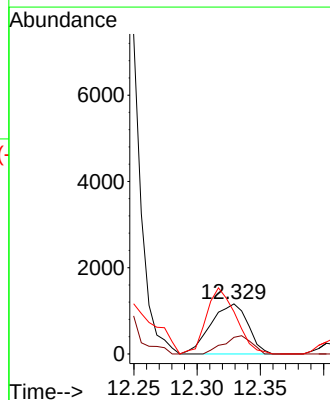
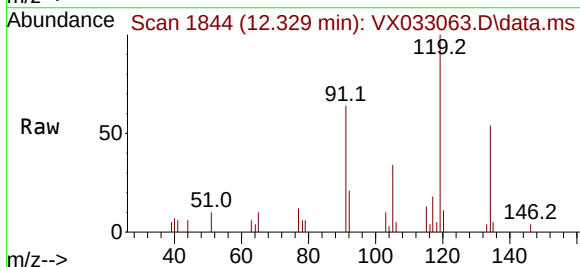
Instrument :
MSVOA_X
ClientSampleId :
MW-25DL

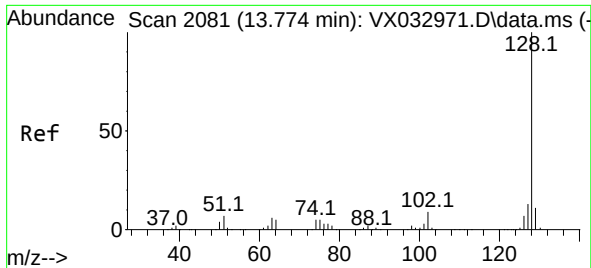
Tgt Ion:105 Resp: 150251
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5



#89
n-Butylbenzene
Concen: 0.454 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033063.D
Acq: 25 Nov 2022 13:22

Tgt Ion: 91 Resp: 2367
Ion Ratio Lower Upper
91 100
92 27.6 26.2 78.6
134 105.4 12.9 38.6#





#95

Naphthalene

Concen: 26.908 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033063.D

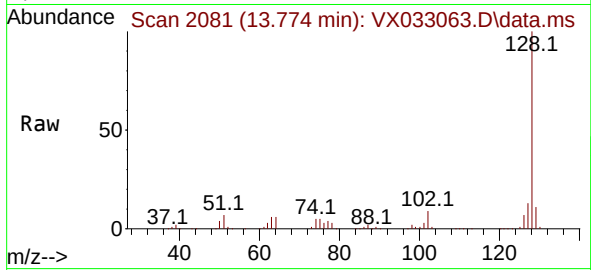
Acq: 25 Nov 2022 13:22

Instrument :

MSVOA_X

ClientSampleId :

MW-25DL



Tgt Ion:128 Resp: 172015

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 8.9 13.3

