

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030998.D
 Acq On : 01 Sep 2022 00:09
 Operator : JC/MD
 Sample : N4380-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Sep 01 02:43:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

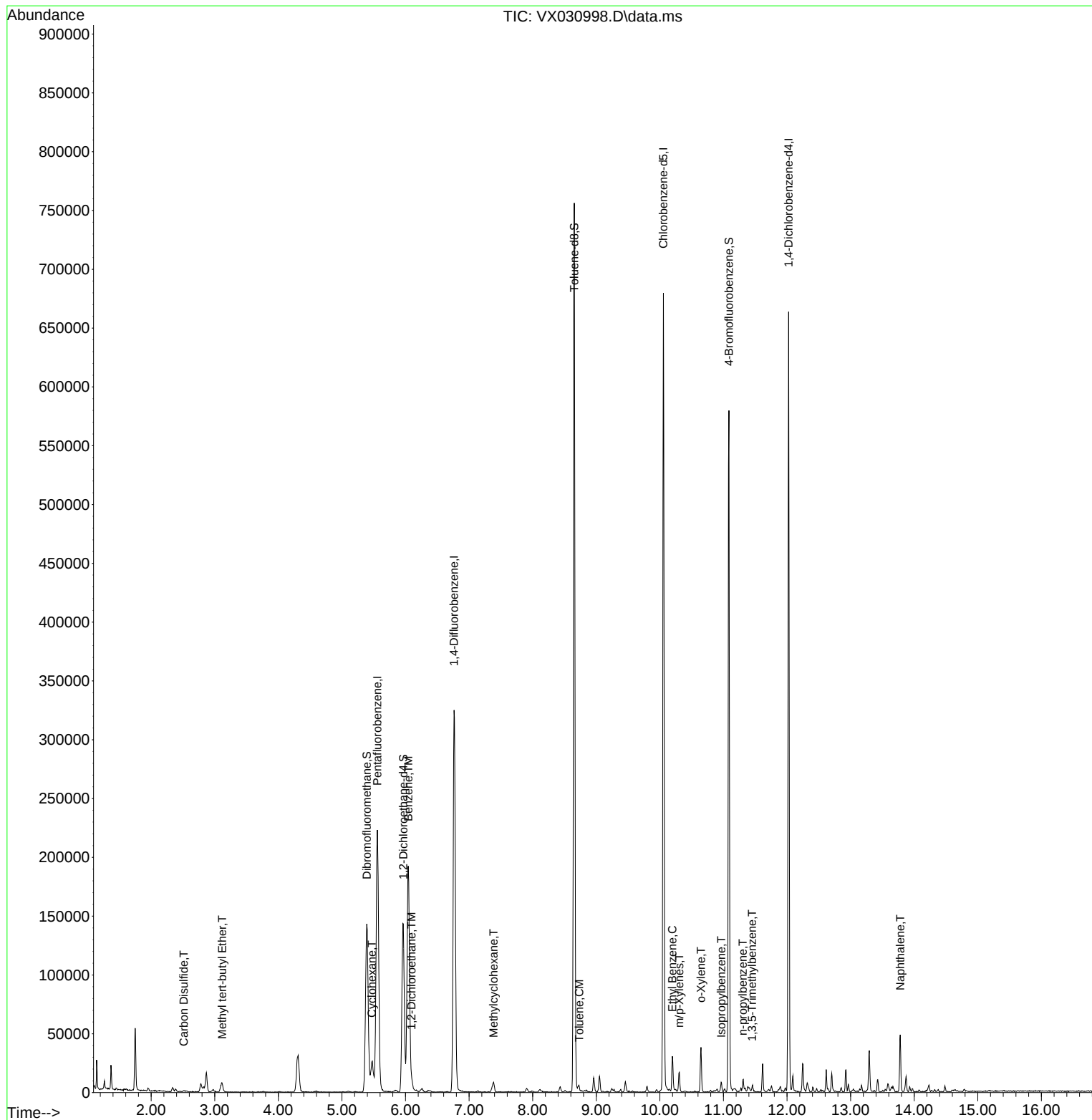
Internal Standards						
1) Pentafluorobenzene	5.556	168	220566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139809	44.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.380%
35) Dibromofluoromethane	5.391	113	130339	48.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.653	98	485988	49.068	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.085	95	164209	46.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	1681	0.238	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	4918	0.563	ug/l #	24
31) Cyclohexane	5.471	56	16689	3.564	ug/l	93
39) Methylcyclohexane	7.385	83	3624	0.745	ug/l	96
40) Benzene	6.044	78	250569	21.871	ug/l	96
42) 1,2-Dichloroethane	6.092	62	9865	2.592	ug/l	98
52) Toluene	8.732	92	1789	0.256	ug/l	95
67) Ethyl Benzene	10.195	91	18171	1.342	ug/l	98
68) m/p-Xylenes	10.305	106	4223	0.823	ug/l	95
69) o-Xylene	10.647	106	8469	1.687	ug/l	97
73) Isopropylbenzene	10.964	105	4161	0.366	ug/l	90
78) n-propylbenzene	11.305	91	5984	0.449	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	2496	0.260	ug/l	98
95) Naphthalene	13.780	128	31773	2.520	ug/l	98

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

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Quant Title : SW846 8260
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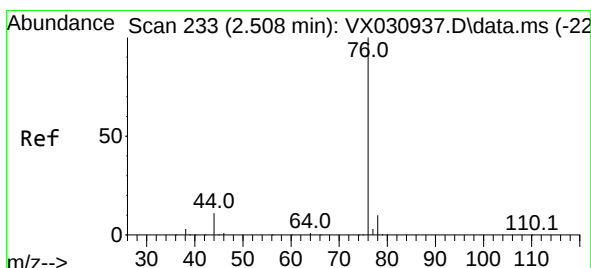
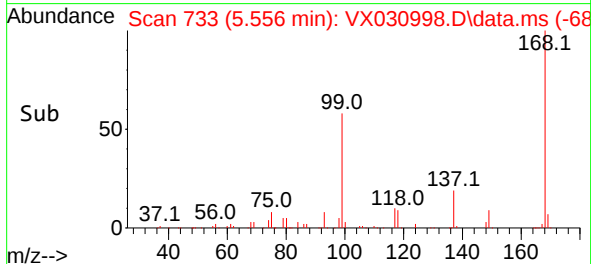
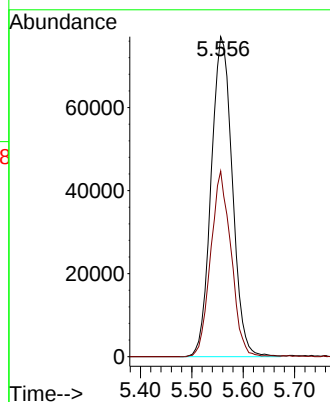
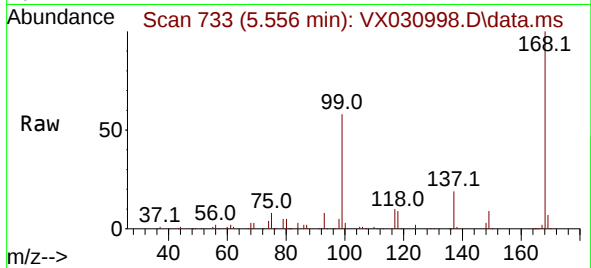




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

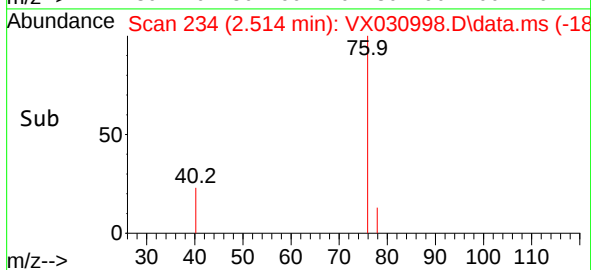
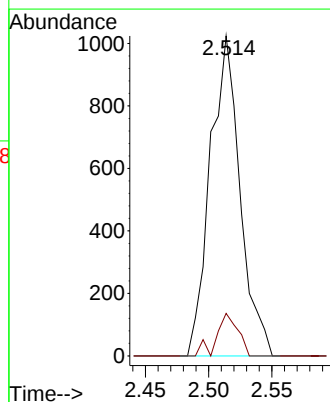
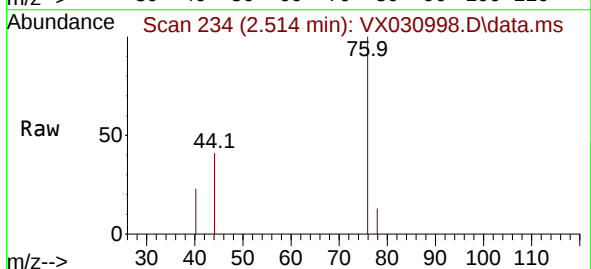
Instrument :
MSVOA_X
ClientSampleId :
MW-25

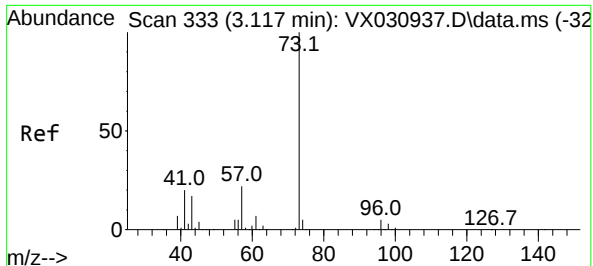
Tgt Ion:168 Resp: 220566
Ion Ratio Lower Upper
168 100
99 58.0 44.0 66.0



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 76 Resp: 1681
Ion Ratio Lower Upper
76 100
78 13.3 7.8 11.6#

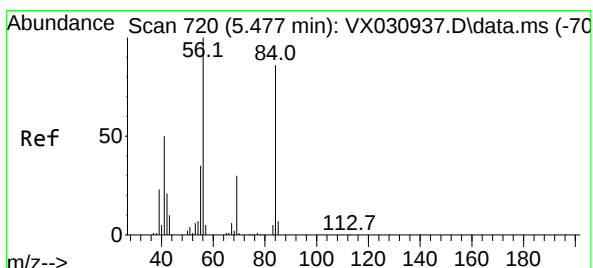
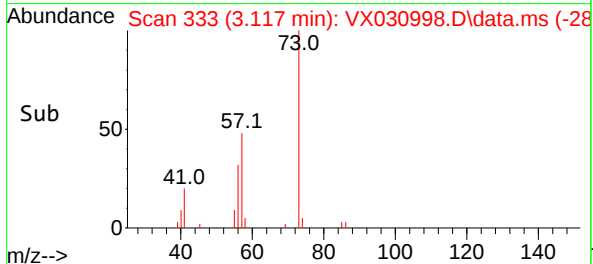
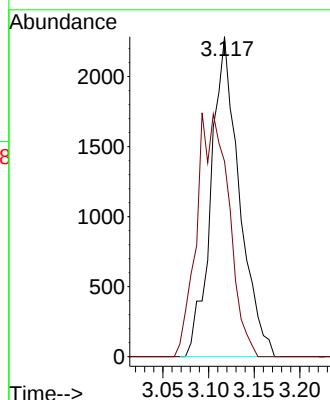
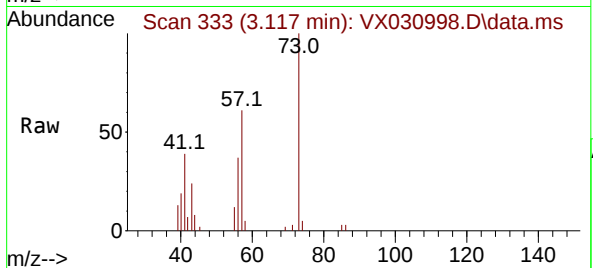




#19
Methyl tert-butyl Ether
Concen: 0.563 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

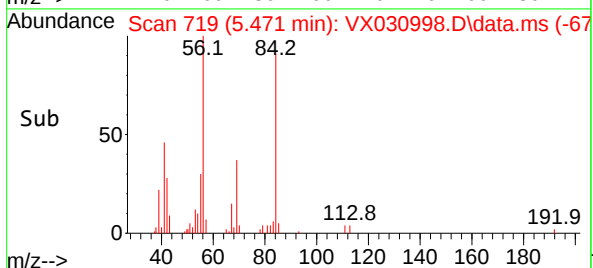
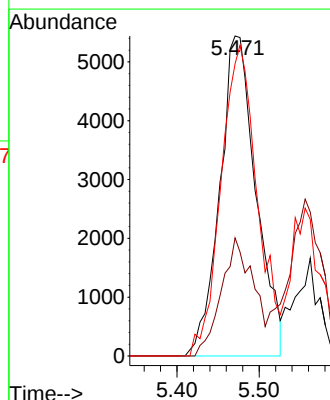
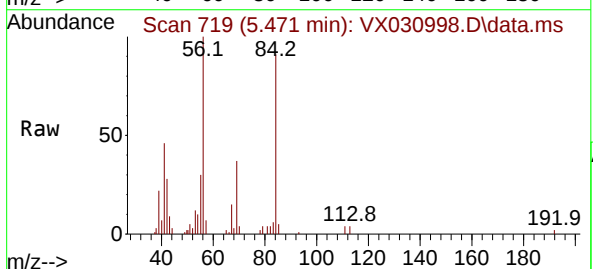
Instrument :
MSVOA_X
ClientSampleId :
MW-25

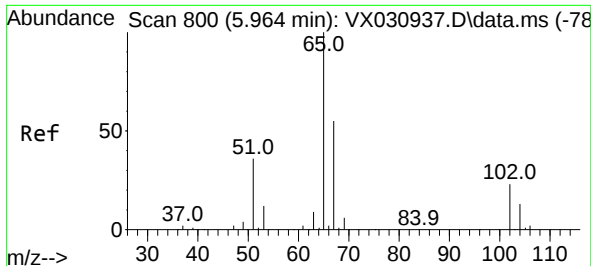
Tgt Ion: 73 Resp: 4918
Ion Ratio Lower Upper
73 100
57 61.1 19.0 28.6#



#31
Cyclohexane
Concen: 3.564 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 56 Resp: 16689
Ion Ratio Lower Upper
56 100
69 36.9 25.4 38.0
84 91.3 68.9 103.3

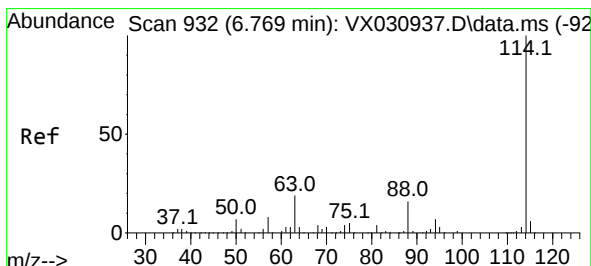
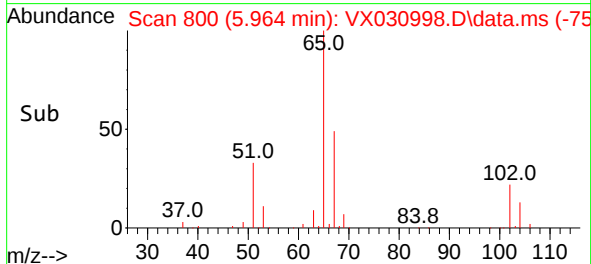
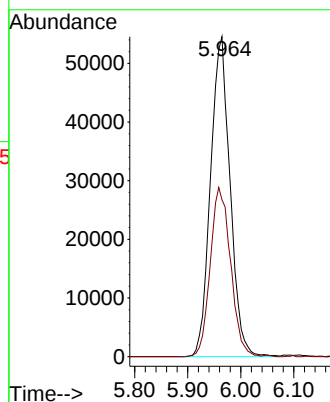
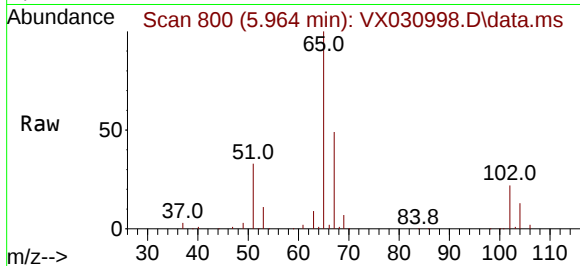




#33
 1,2-Dichloroethane-d4
 Concen: 44.194 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030998.D
 Acq: 01 Sep 2022 00:09

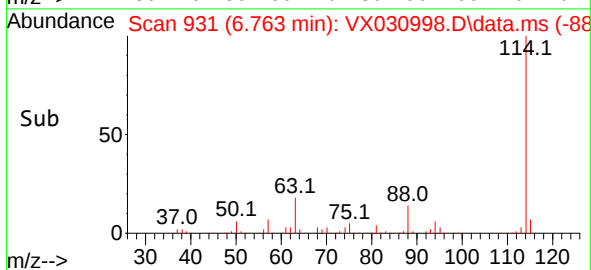
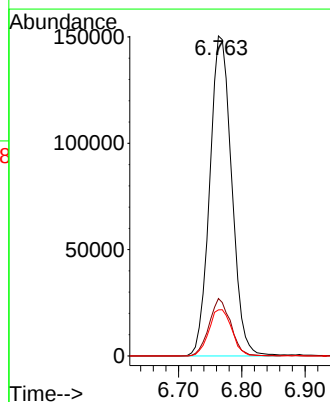
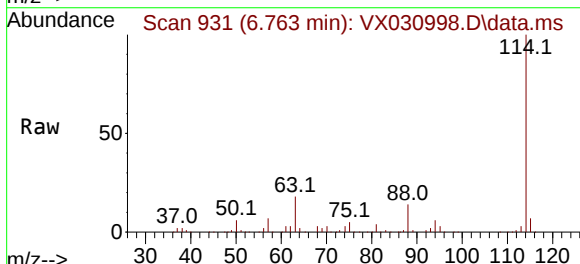
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

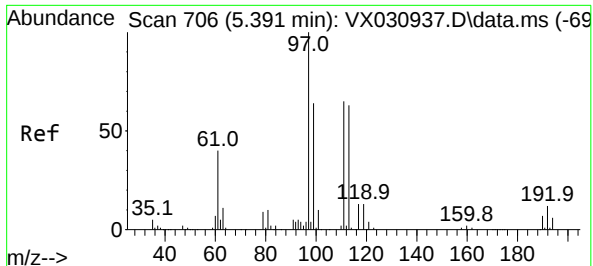
Tgt Ion: 65 Resp: 139809
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030998.D
 Acq: 01 Sep 2022 00:09

Tgt Ion: 114 Resp: 362811
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.4
 88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.735 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030998.D

Acq: 01 Sep 2022 00:09

Instrument :

MSVOA_X

ClientSampleId :

MW-25

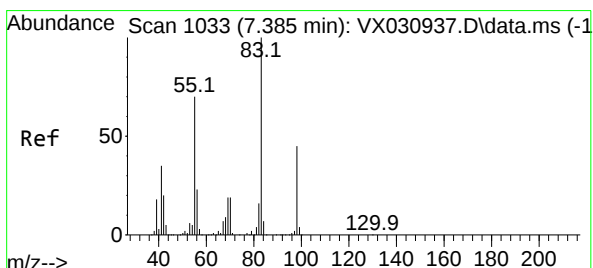
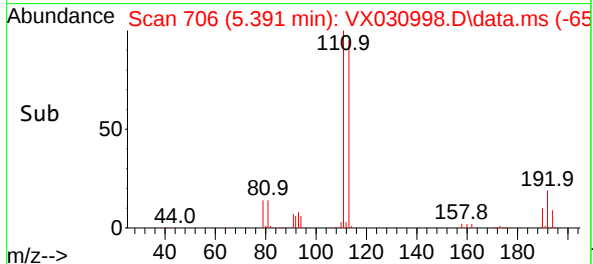
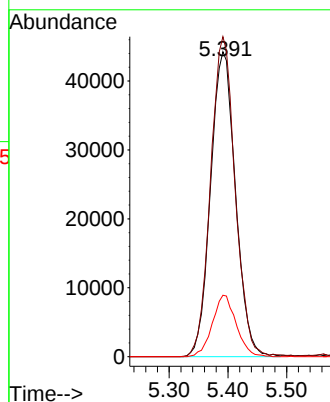
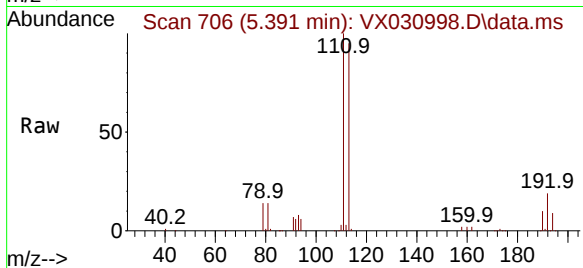
Tgt Ion:113 Resp: 130339

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 19.3 14.8 22.2



#39

Methylcyclohexane

Concen: 0.745 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030998.D

Acq: 01 Sep 2022 00:09

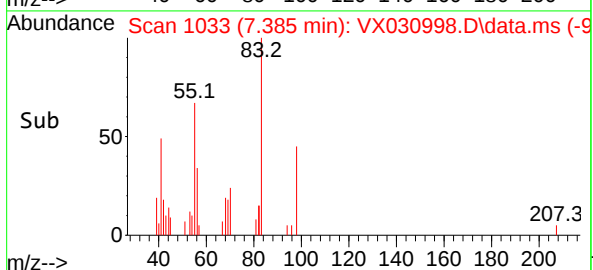
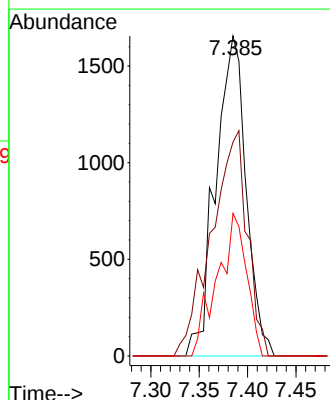
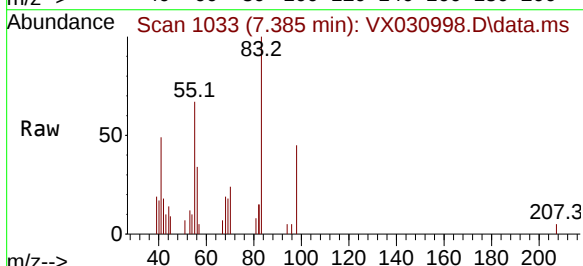
Tgt Ion: 83 Resp: 3624

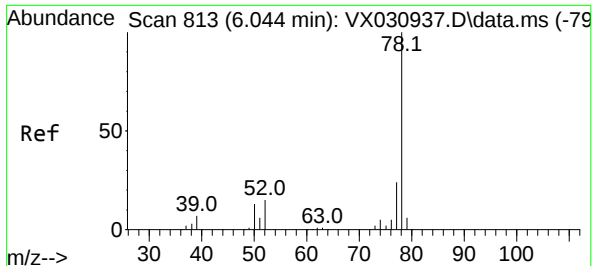
Ion Ratio Lower Upper

83 100

55 66.8 57.7 86.5

98 44.6 36.5 54.7

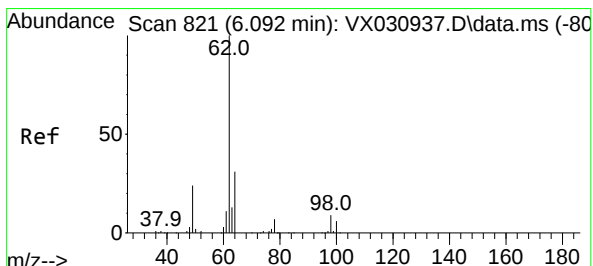
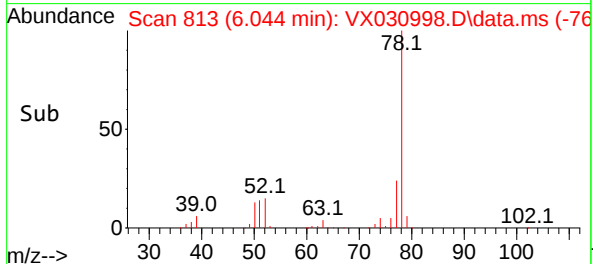
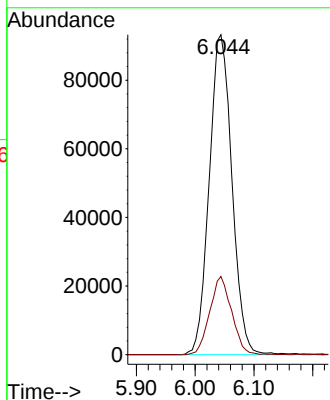
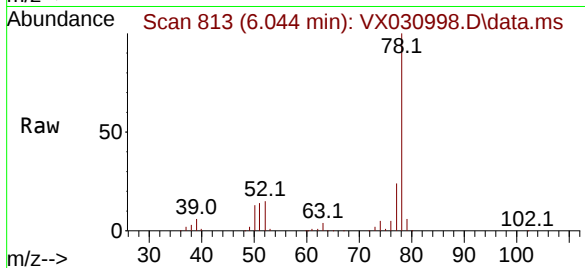




#40
Benzene
Concen: 21.871 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

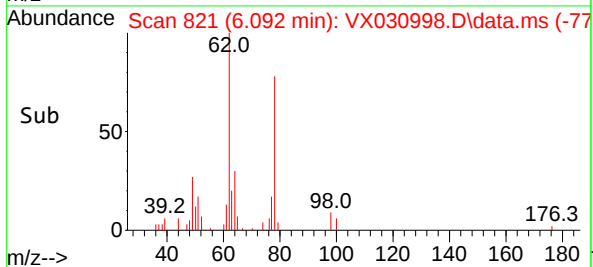
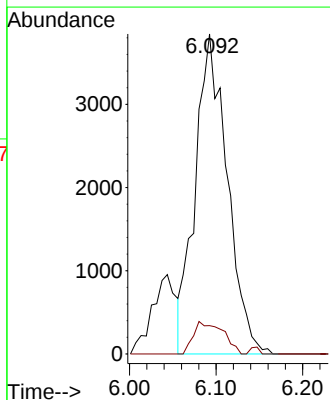
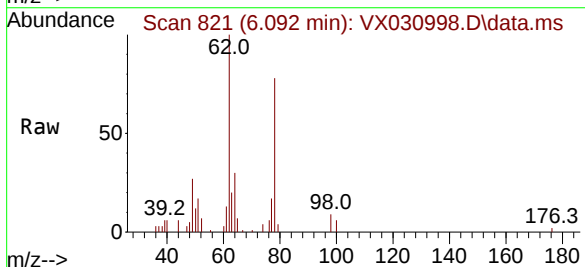
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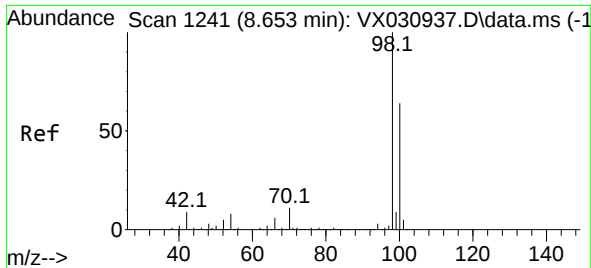
Tgt Ion: 78 Resp: 250569
Ion Ratio Lower Upper
78 100
77 24.4 18.0 27.0



#42
1,2-Dichloroethane
Concen: 2.592 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 62 Resp: 9865
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2

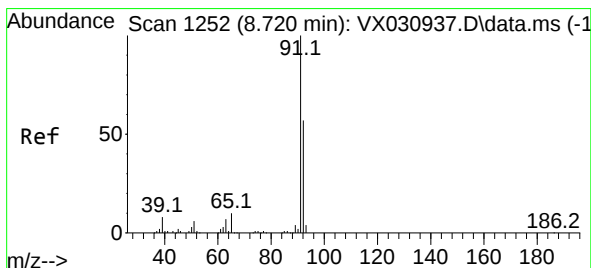
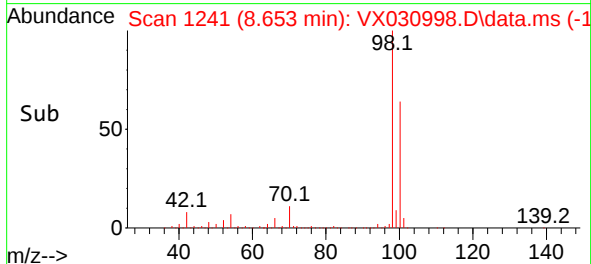
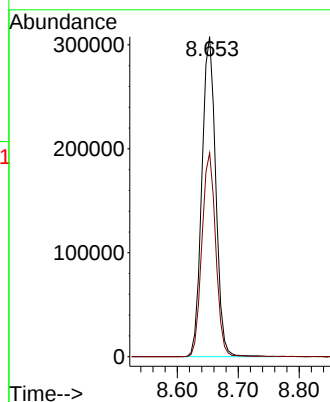
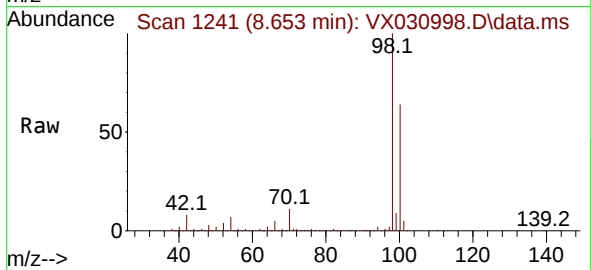




#50
Toluene-d8
Concen: 49.068 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

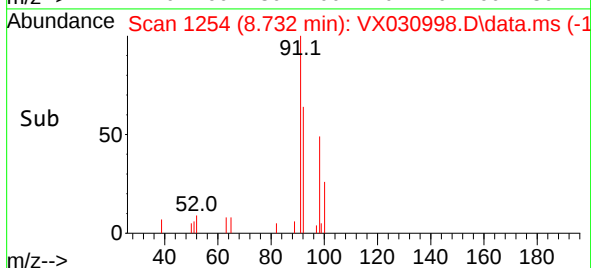
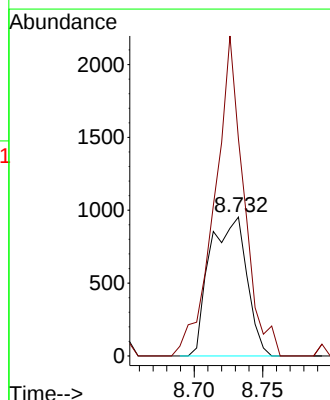
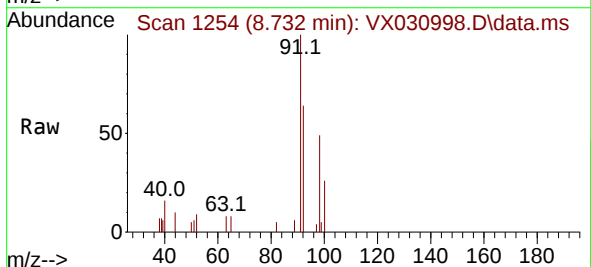
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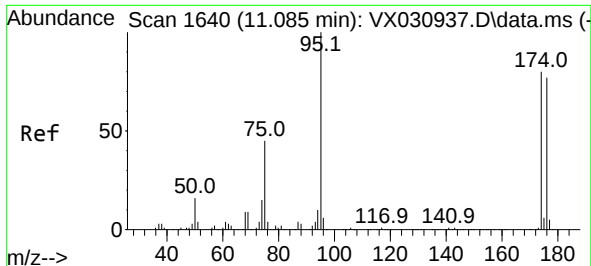
Tgt Ion: 98 Resp: 485988
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#52
Toluene
Concen: 0.256 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 92 Resp: 1789
Ion Ratio Lower Upper
92 100
91 181.6 139.2 208.8

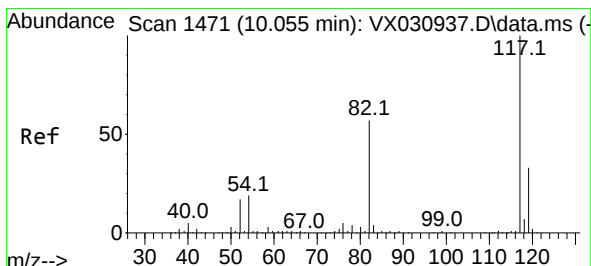
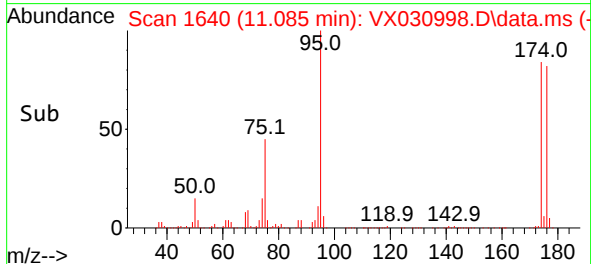
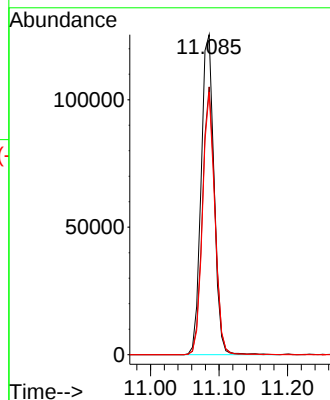
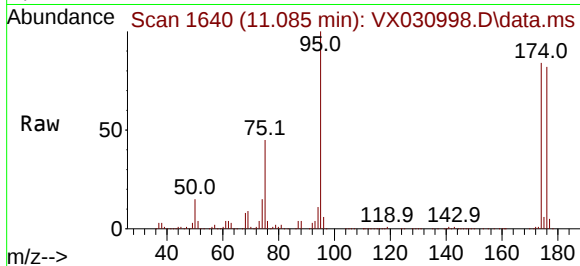




#62
4-Bromofluorobenzene
Concen: 46.557 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

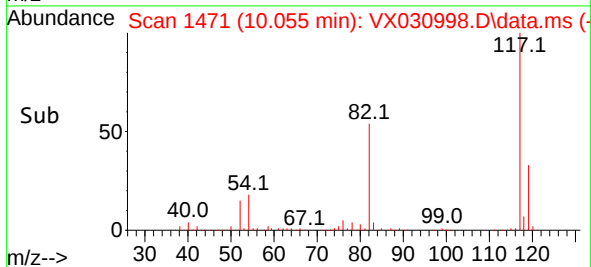
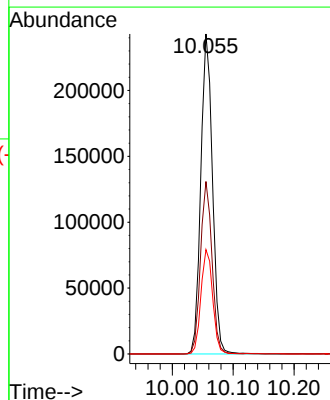
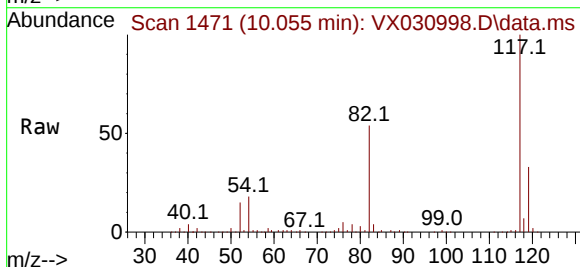
Instrument :
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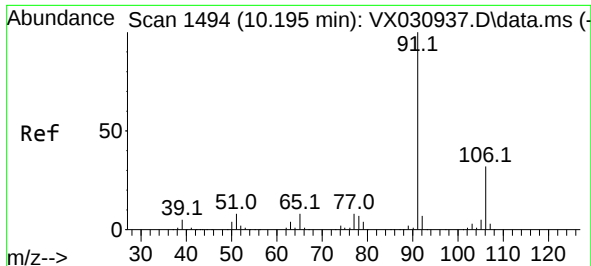
Tgt Ion: 95 Resp: 164209
Ion Ratio Lower Upper
95 100
174 81.5 0.0 149.0
176 78.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 117 Resp: 322864
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.6 25.4 38.2





#67

Ethyl Benzene

Concen: 1.342 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030998.D

Acq: 01 Sep 2022 00:09

Instrument :

MSVOA_X

ClientSampleId :

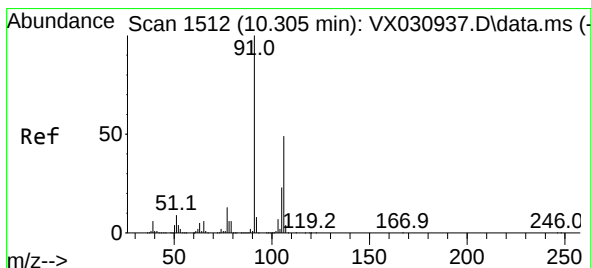
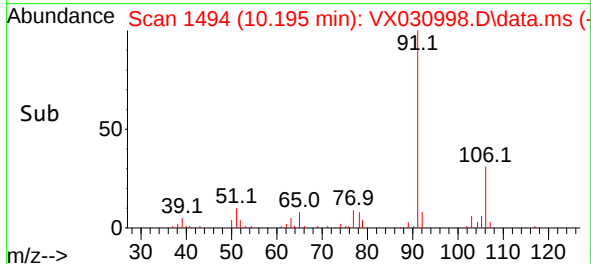
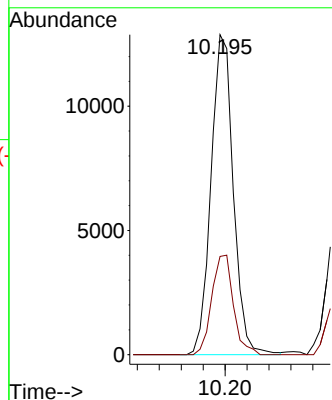
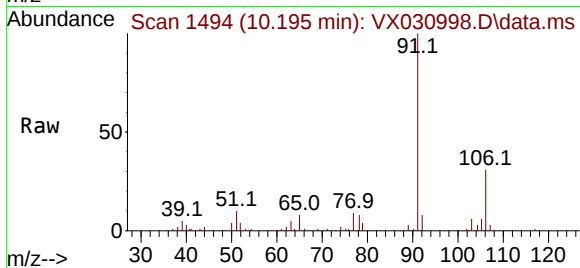
MW-25

Tgt Ion: 91 Resp: 18171

Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



#68

m/p-Xylenes

Concen: 0.823 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030998.D

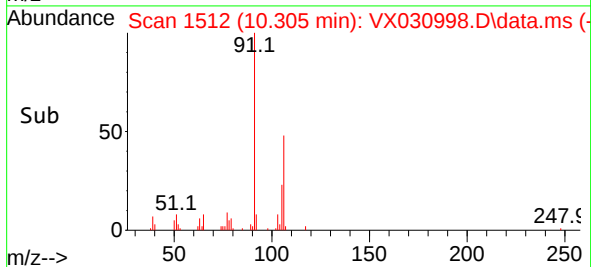
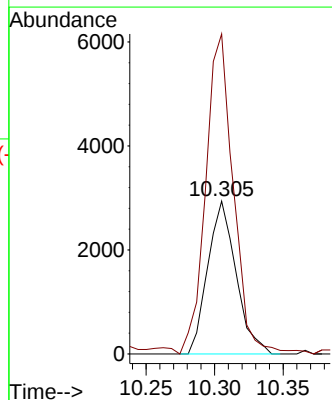
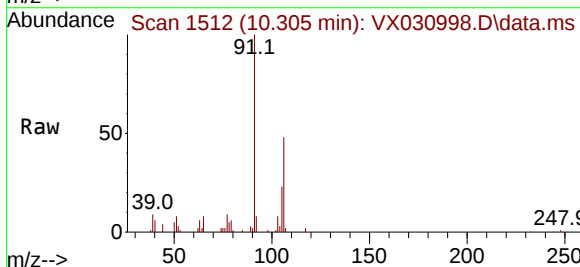
Acq: 01 Sep 2022 00:09

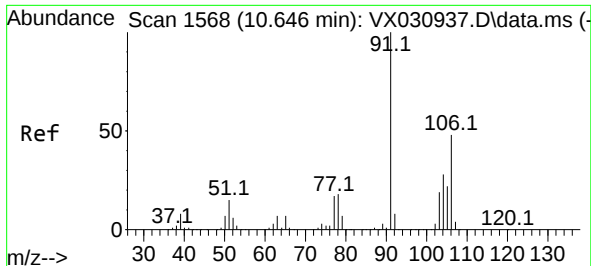
Tgt Ion: 106 Resp: 4223

Ion Ratio Lower Upper

106 100

91 205.0 158.2 237.4

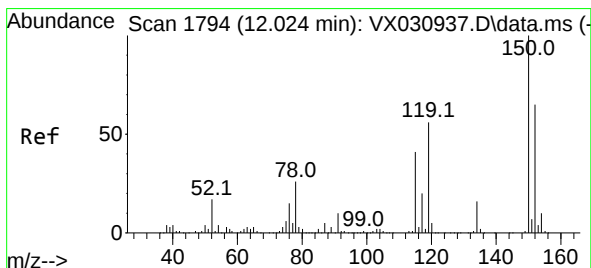
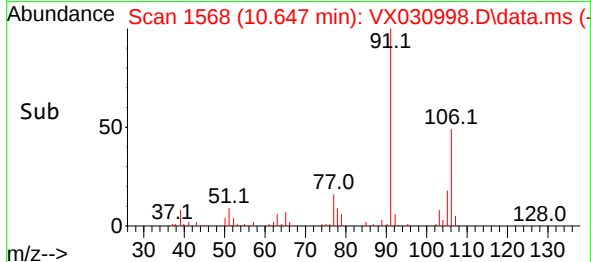
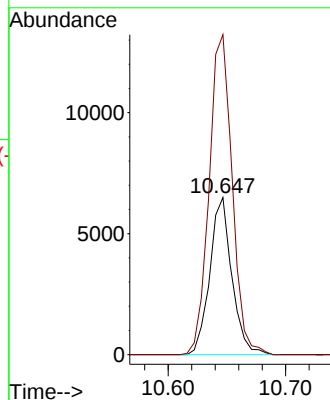
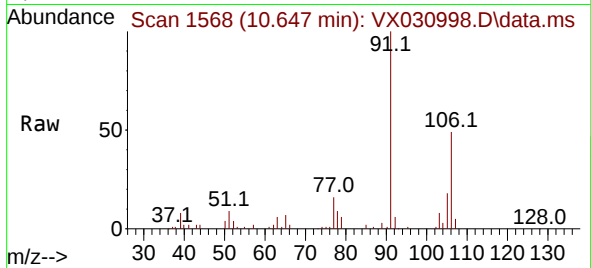




#69
o-Xylene
Concen: 1.687 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

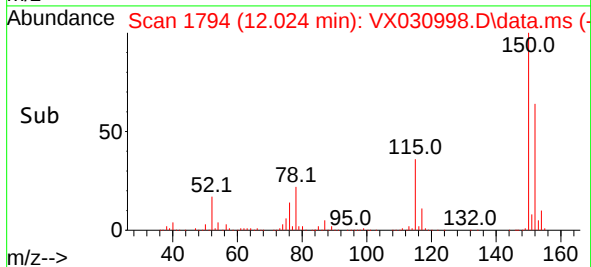
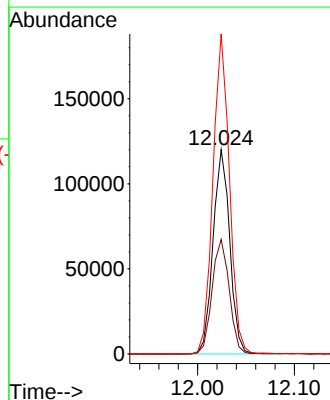
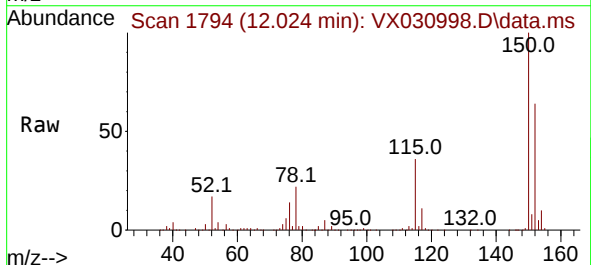
Instrument :
MSVOA_X
ClientSampleId :
MW-25

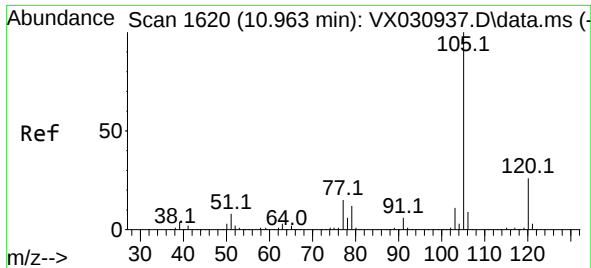
Tgt Ion:106 Resp: 8469
Ion Ratio Lower Upper
106 100
91 212.9 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion:152 Resp: 143830
Ion Ratio Lower Upper
152 100
115 57.8 40.5 121.5
150 154.9 0.0 347.0

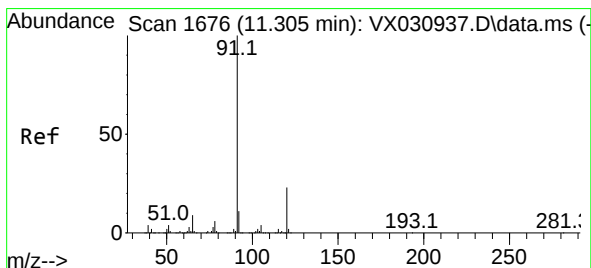
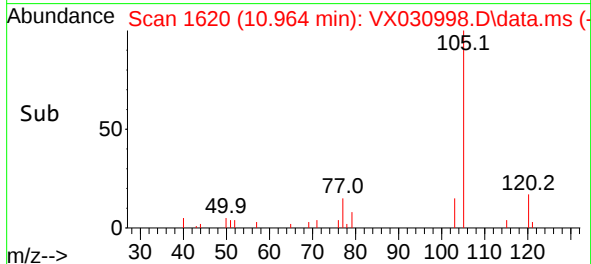
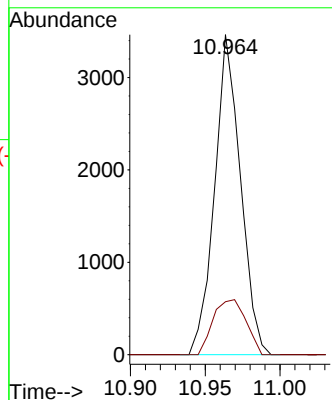
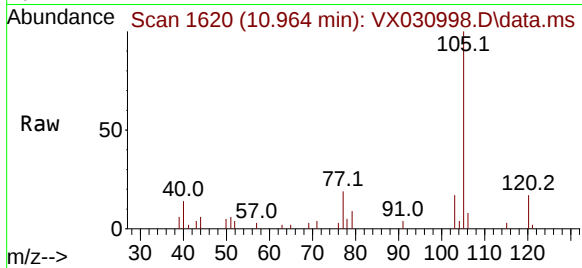




#73
Isopropylbenzene
Concen: 0.366 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

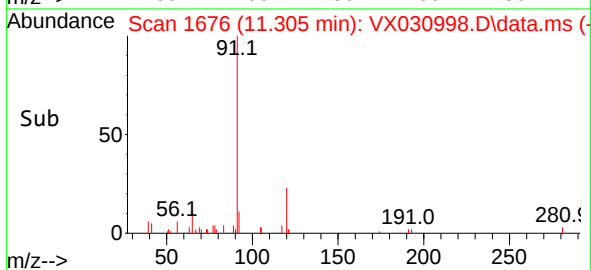
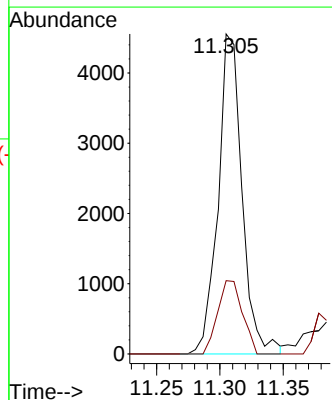
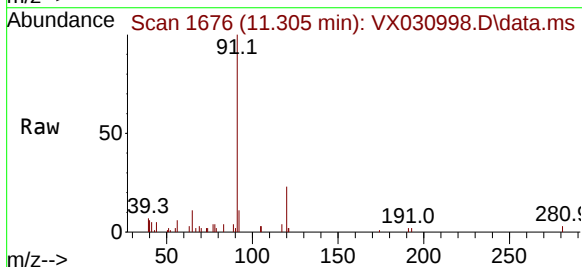
Instrument :
MSVOA_X
ClientSampleId :
MW-25

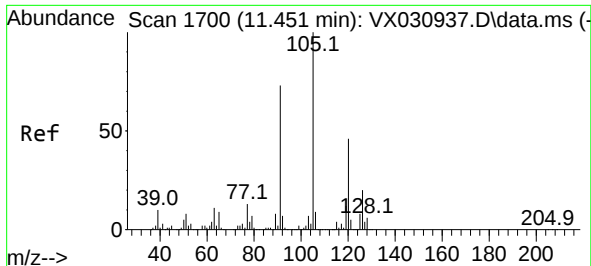
Tgt Ion:105 Resp: 4161
Ion Ratio Lower Upper
105 100
120 21.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.449 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion: 91 Resp: 5984
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

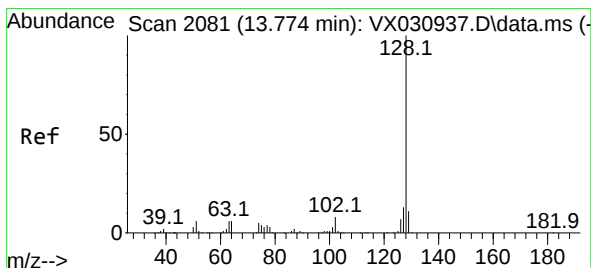
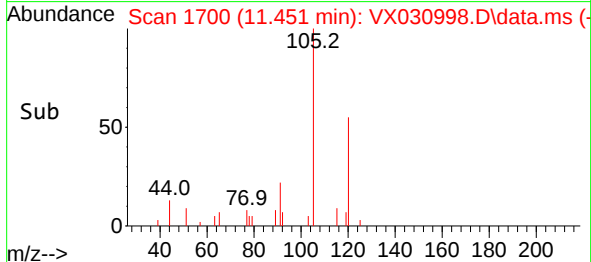
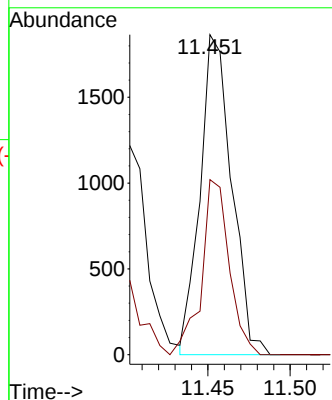
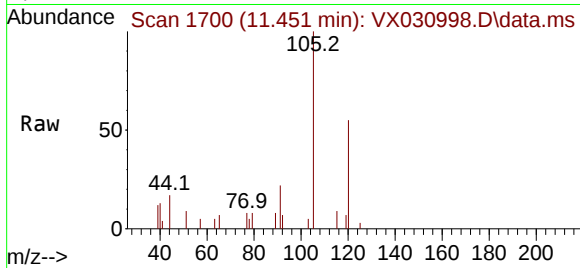




#80
1,3,5-Trimethylbenzene
Concen: 0.260 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Tgt Ion:105 Resp: 2496
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.2



#95
Naphthalene
Concen: 2.520 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX030998.D
Acq: 01 Sep 2022 00:09

Tgt Ion:128 Resp: 31773
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 12.4 8.6 13.0

