

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029620.D
 Acq On : 20 Jun 2022 14:06
 Operator : JC/MD
 Sample : N3290-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

Quant Time: Jun 21 01:50:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	270003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155817	43.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.200%
35) Dibromofluoromethane	5.391	113	135823	45.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.653	98	516287	47.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.079	95	188088	45.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%

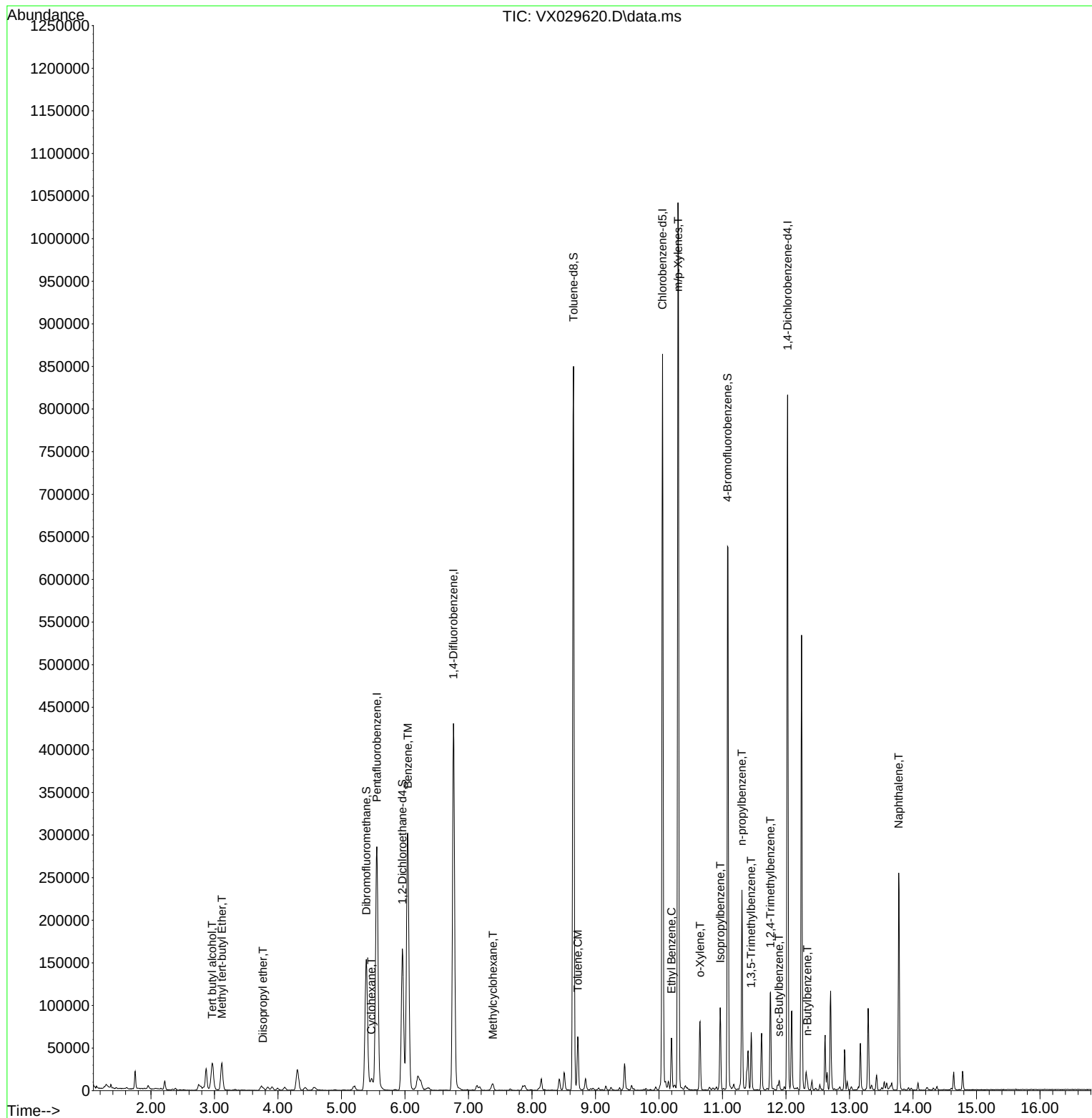
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	45314	50.806	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	33789	3.558	ug/l	92
22) Diisopropyl ether	3.764	45	2700	0.309	ug/l #	94
31) Cyclohexane	5.471	56	9783	2.039	ug/l	96
39) Methylcyclohexane	7.385	83	3332	0.660	ug/l	92
40) Benzene	6.044	78	390333	32.542	ug/l	99
52) Toluene	8.720	92	24555	3.197	ug/l	99
67) Ethyl Benzene	10.195	91	36460	2.614	ug/l	96
68) m/p-Xylenes	10.299	106	248857	45.743	ug/l	95
69) o-Xylene	10.647	106	18536	3.449	ug/l	98
73) Isopropylbenzene	10.964	105	51192	3.964	ug/l	99
78) n-propylbenzene	11.305	91	139262	9.574	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29200	2.685	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	53899	4.969	ug/l	98
85) sec-Butylbenzene	11.890	105	4964	0.378	ug/l	96
89) n-Butylbenzene	12.335	91	6568	0.707	ug/l #	61
95) Naphthalene	13.774	128	158421	13.112	ug/l	99

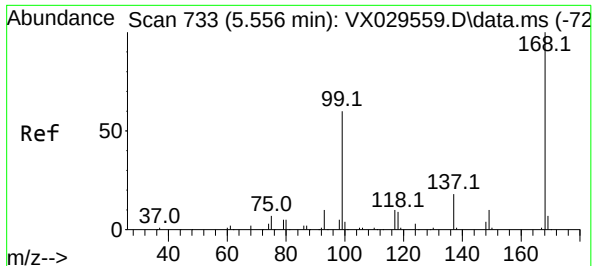
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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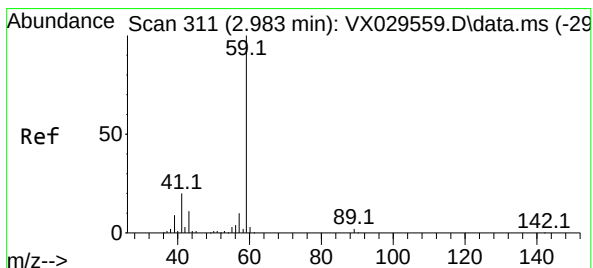
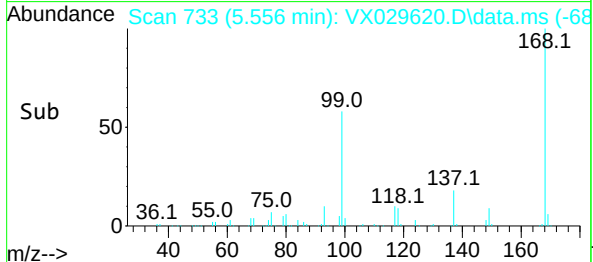
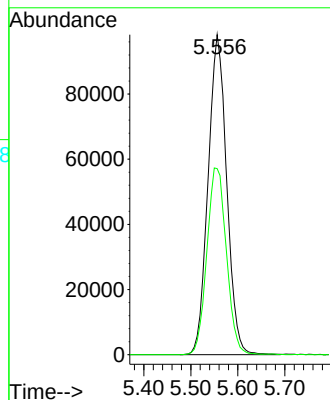
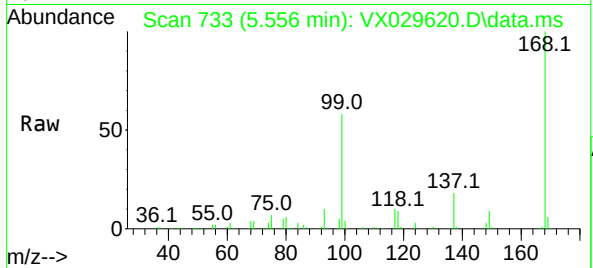




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

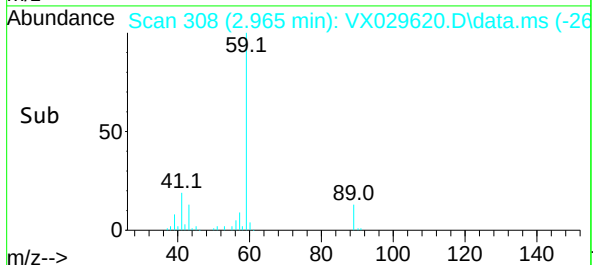
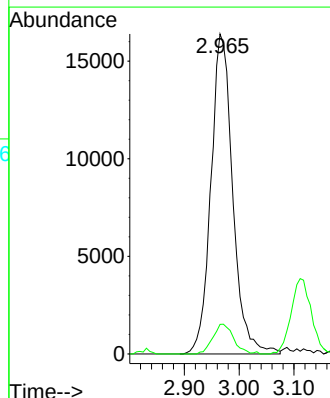
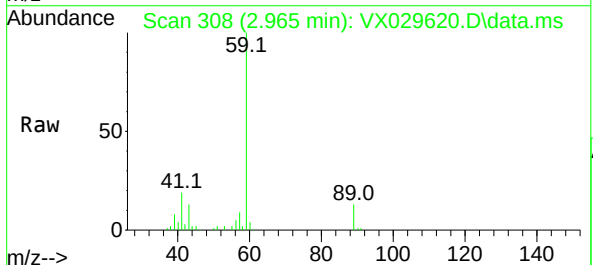
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

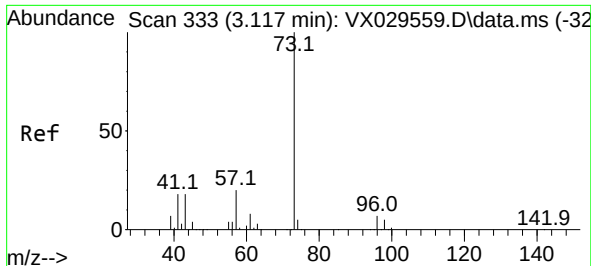
Tgt Ion:168 Resp: 270003
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5



#11
Tert butyl alcohol
Concen: 50.806 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 59 Resp: 45314
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

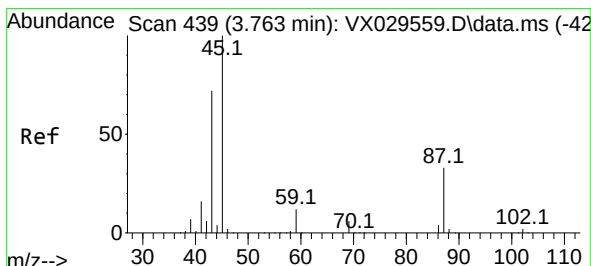
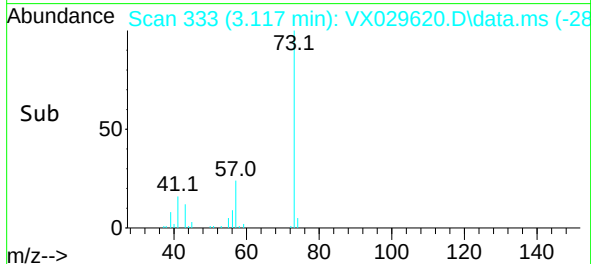
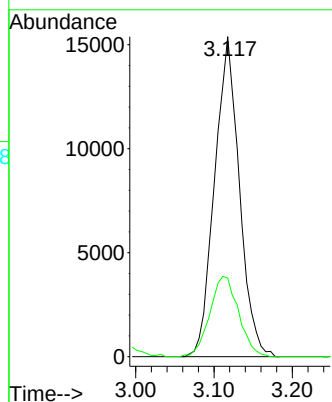
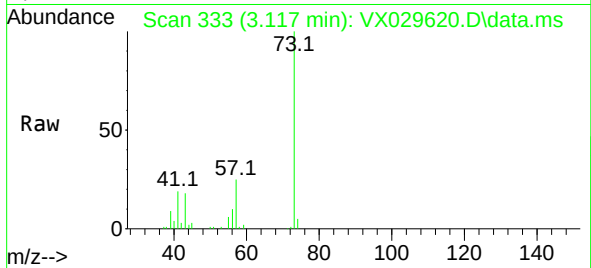




#19
Methyl tert-butyl Ether
Concen: 3.558 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

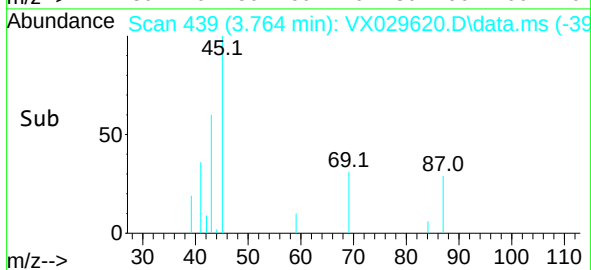
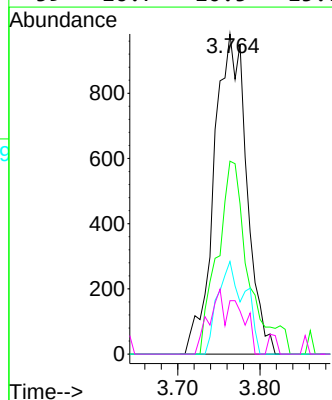
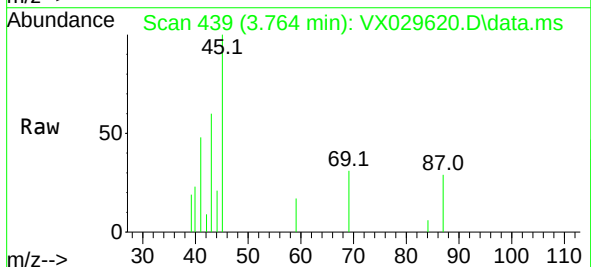
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

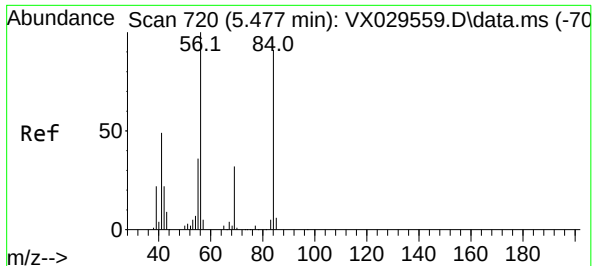
Tgt Ion: 73 Resp: 33789
Ion Ratio Lower Upper
73 100
57 24.5 16.8 25.2



#22
Diisopropyl ether
Concen: 0.309 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 45 Resp: 2700
Ion Ratio Lower Upper
45 100
43 60.3 50.8 76.2
87 28.9 26.6 39.8
59 16.7 10.5 15.7#

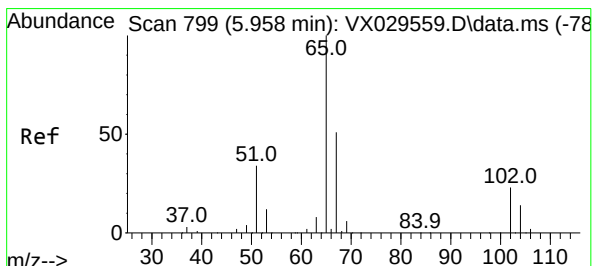
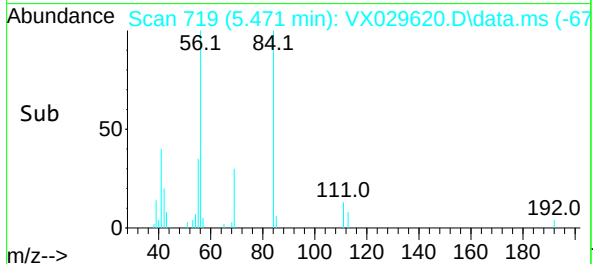
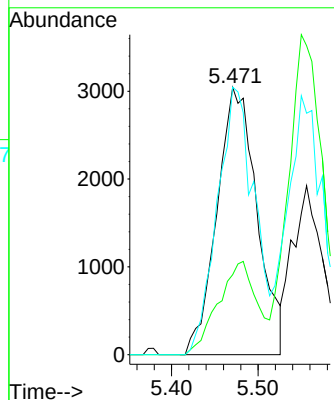
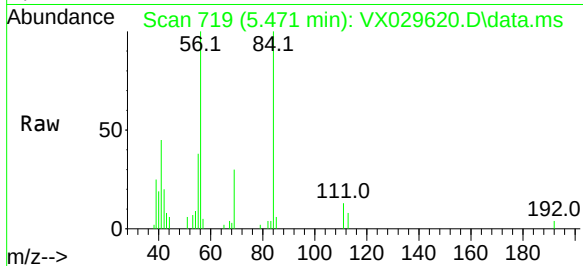




#31
Cyclohexane
Concen: 2.039 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

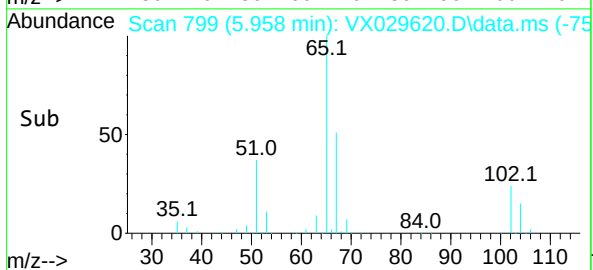
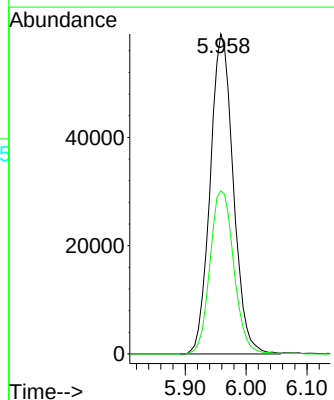
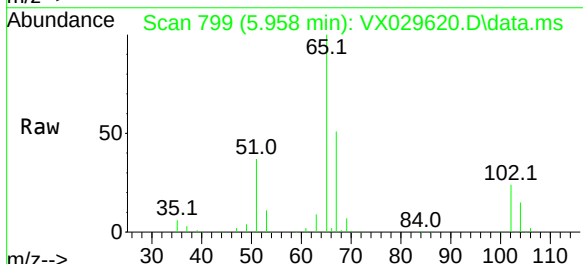
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

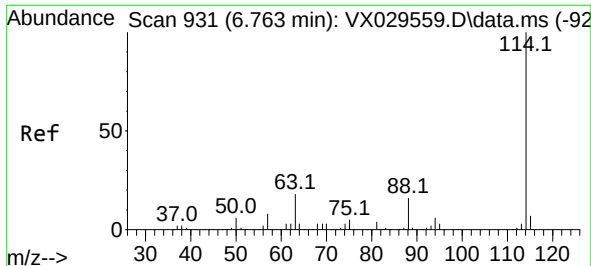
Tgt Ion: 56 Resp: 9783
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 100.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.596 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 65 Resp: 155817
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

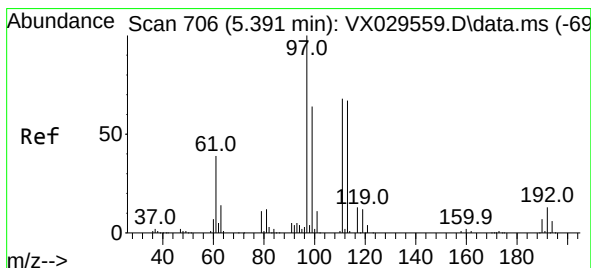
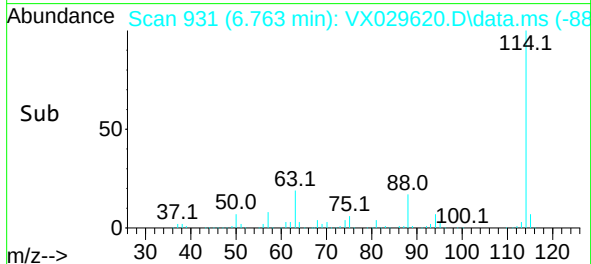
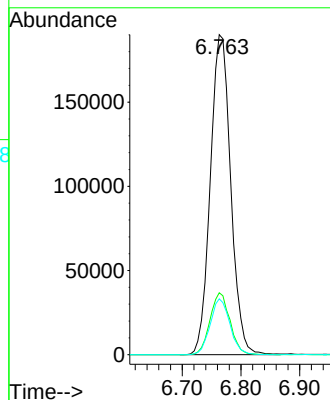
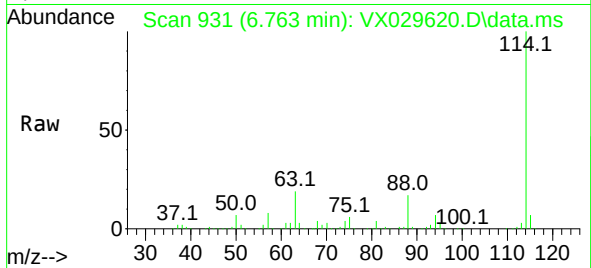




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

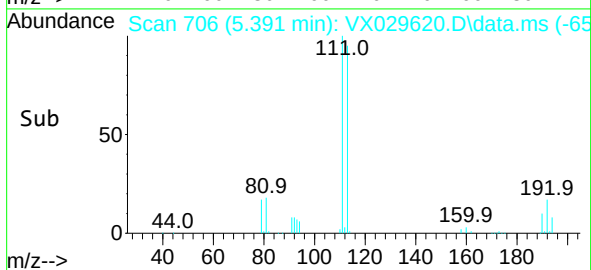
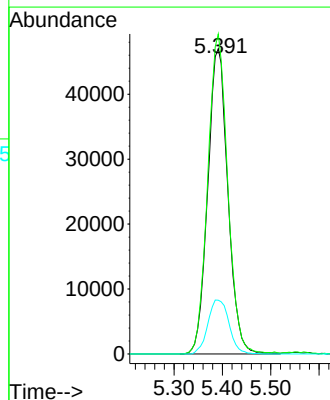
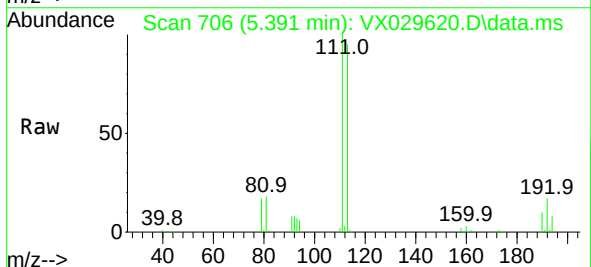
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

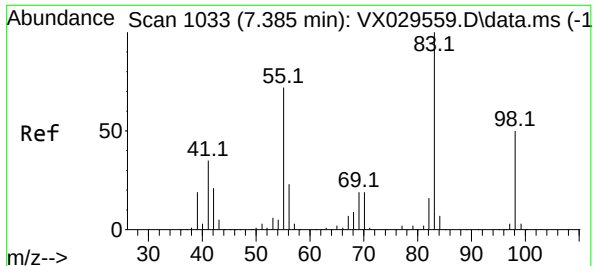
Tgt Ion:114 Resp: 458778
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.429 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion:113 Resp: 135823
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.6 16.9 25.3





#39

Methylcyclohexane

Concen: 0.660 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029620.D

Acq: 20 Jun 2022 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

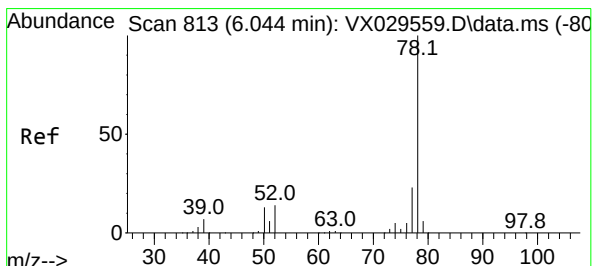
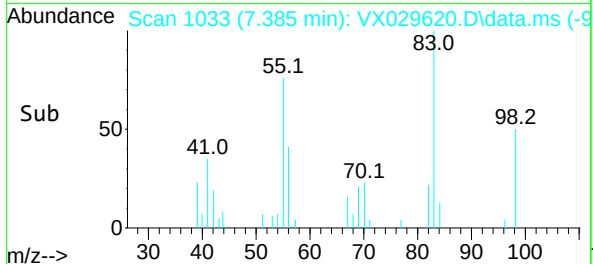
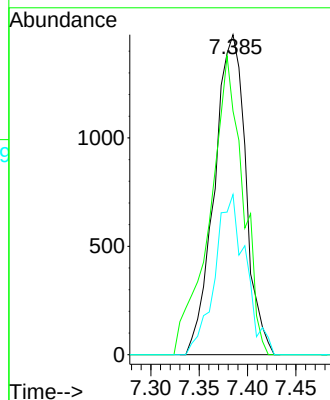
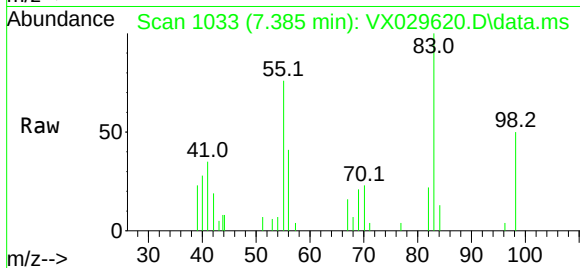
Tgt Ion: 83 Resp: 3332

Ion Ratio Lower Upper

83 100

55 76.2 54.6 81.8

98 50.1 37.4 56.2



#40

Benzene

Concen: 32.542 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029620.D

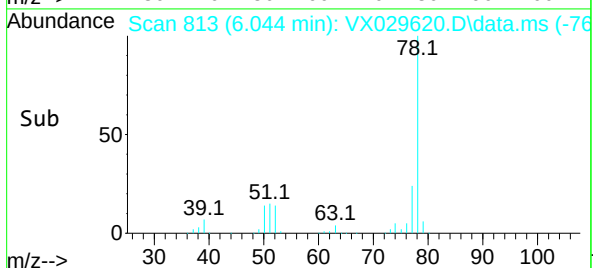
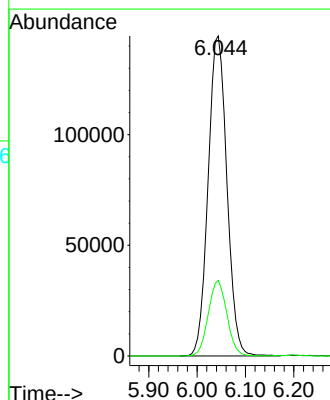
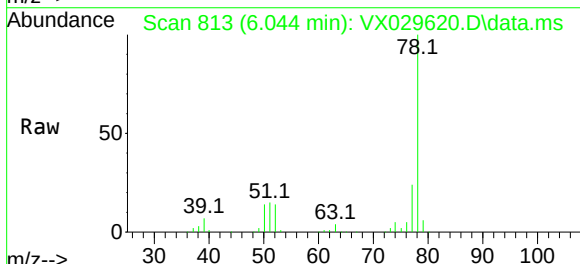
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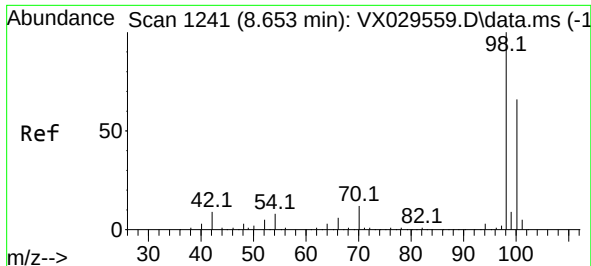
Tgt Ion: 78 Resp: 390333

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

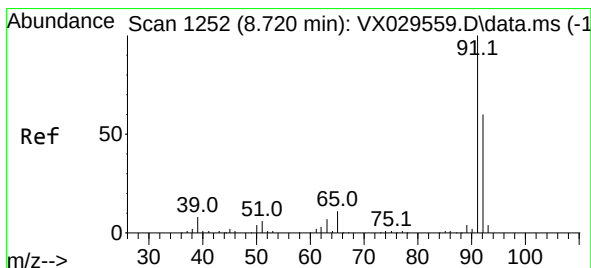
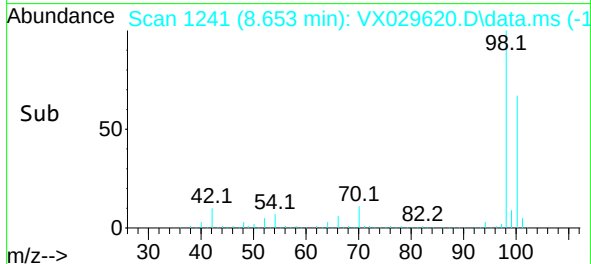
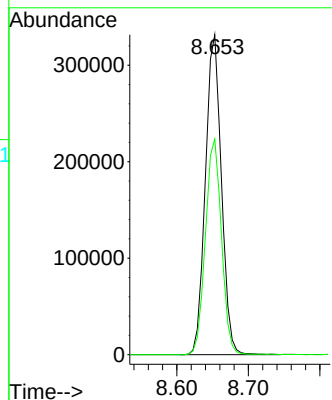
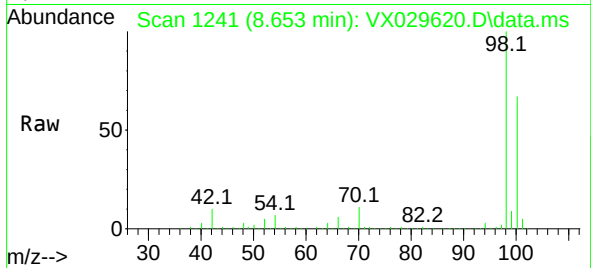




#50
Toluene-d8
Concen: 47.269 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

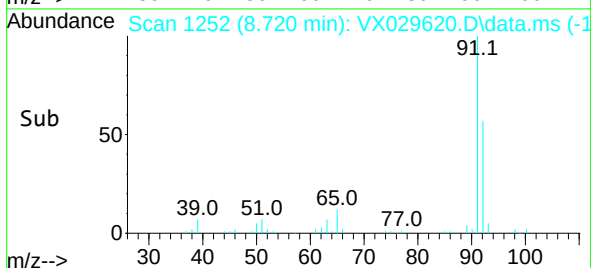
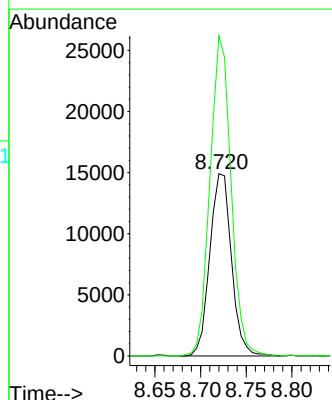
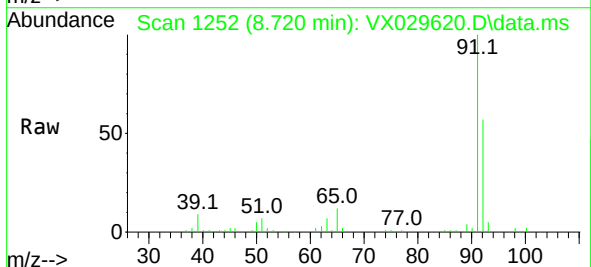
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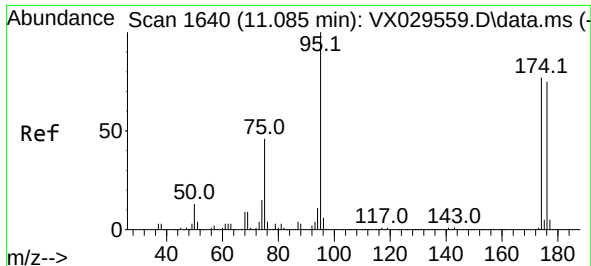
Tgt Ion: 98 Resp: 516287
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#52
Toluene
Concen: 3.197 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 92 Resp: 24555
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3

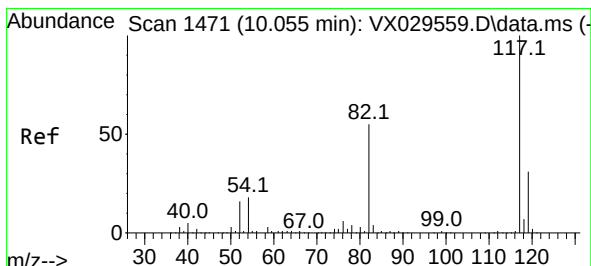
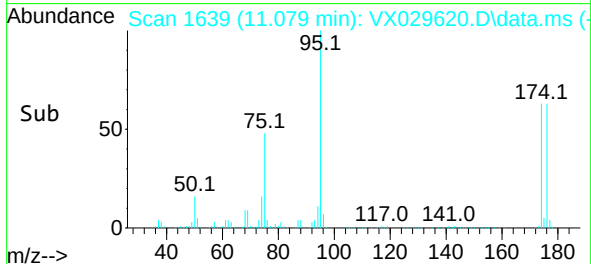
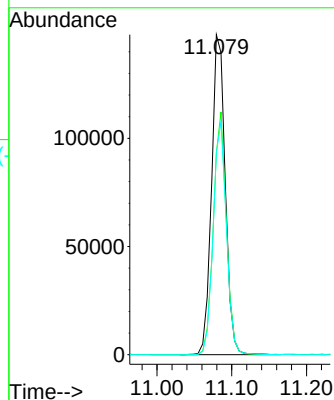
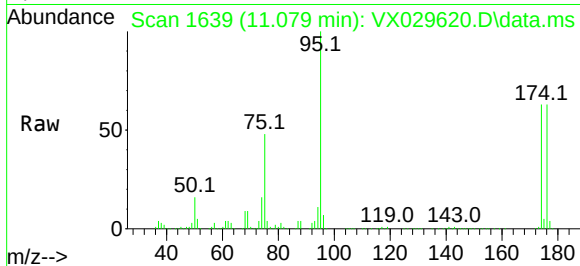




#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

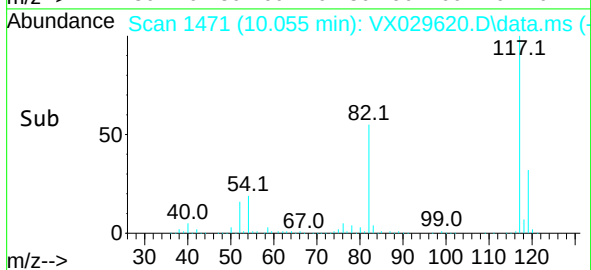
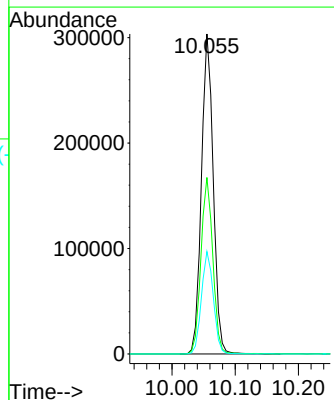
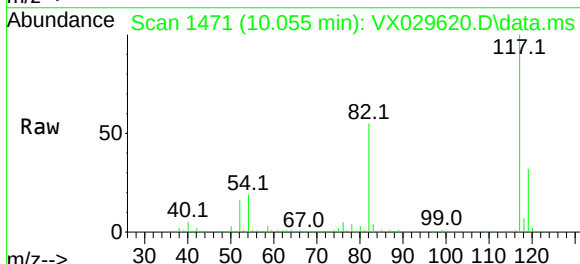
Instrument :
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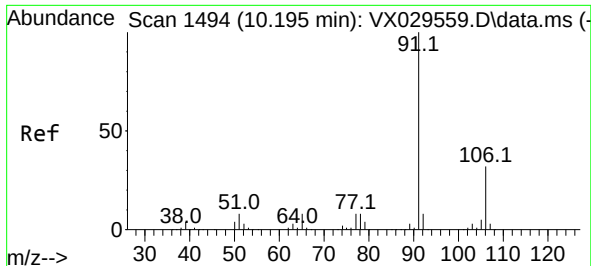
Tgt Ion: 95 Resp: 188088
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 70.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 117 Resp: 395214
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.0 24.8 37.2

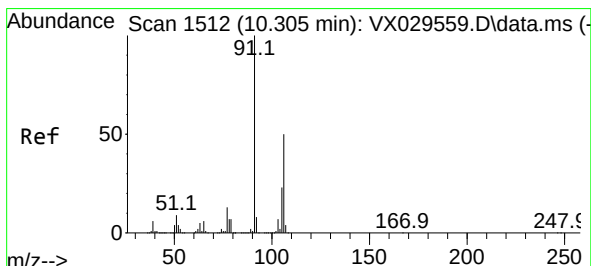
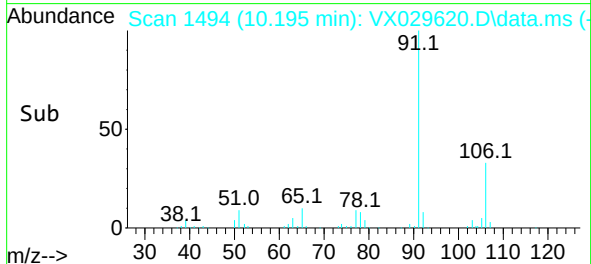
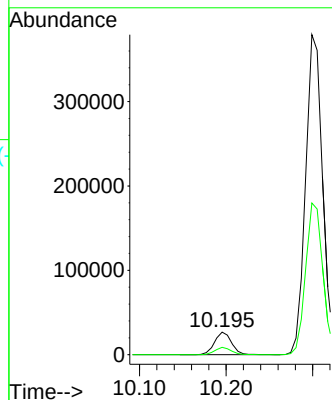
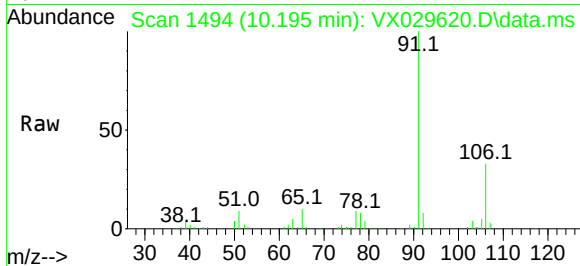




#67
Ethyl Benzene
Concen: 2.614 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

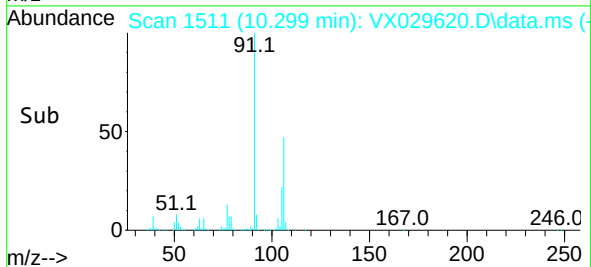
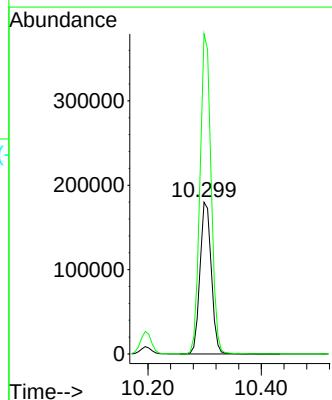
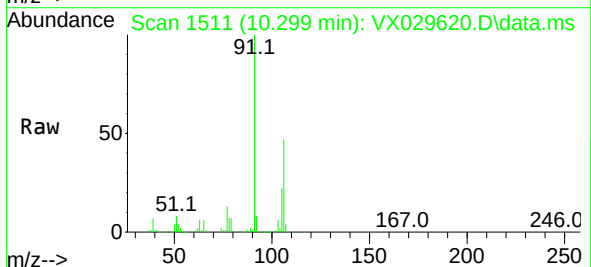
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

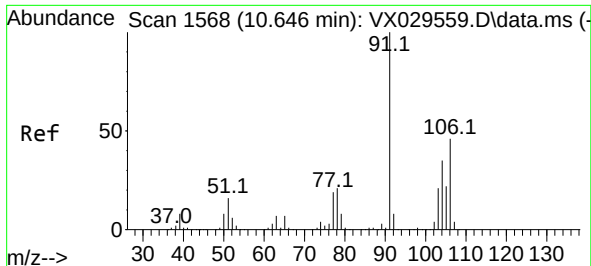
Tgt Ion: 91 Resp: 36460
Ion Ratio Lower Upper
91 100
106 32.9 24.6 36.8



#68
m/p-Xylenes
Concen: 45.743 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion: 106 Resp: 248857
Ion Ratio Lower Upper
106 100
91 207.9 160.4 240.6

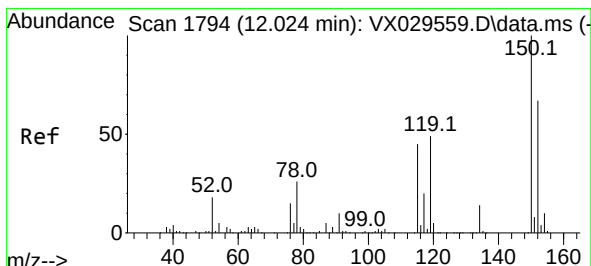
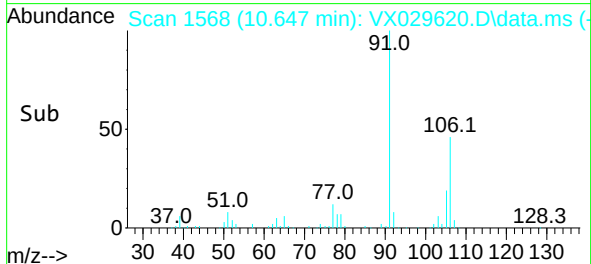
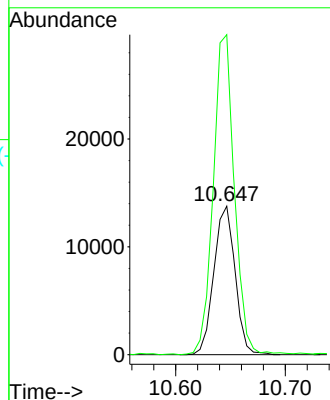
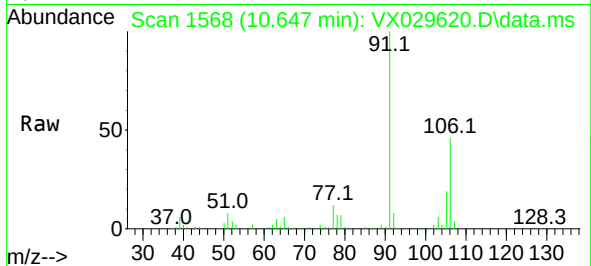




#69
o-Xylene
Concen: 3.449 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

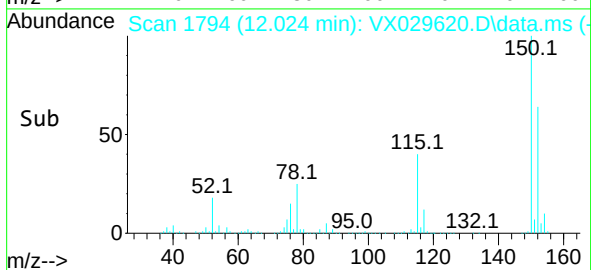
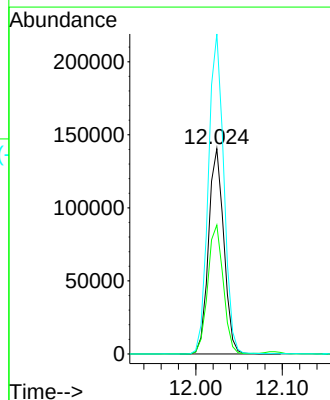
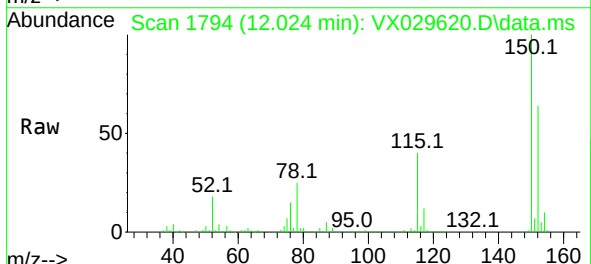
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

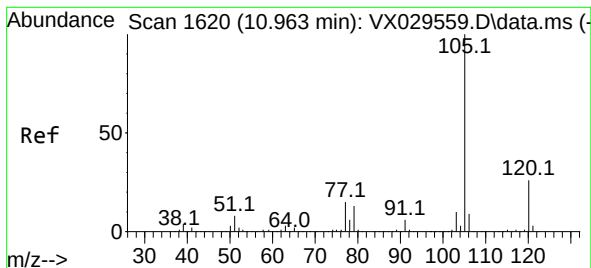
Tgt Ion:106 Resp: 18536
Ion Ratio Lower Upper
106 100
91 215.3 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion:152 Resp: 172251
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 157.9 0.0 338.2





#73

Isopropylbenzene

Concen: 3.964 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX029620.D

Acq: 20 Jun 2022 14:06

Instrument :

MSVOA_X

ClientSampleId :

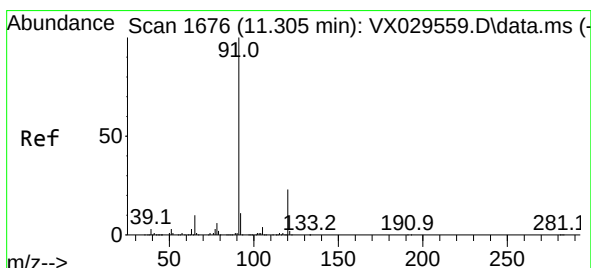
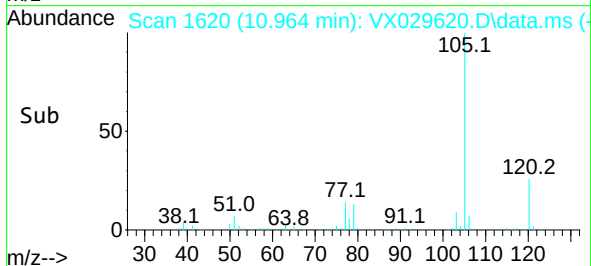
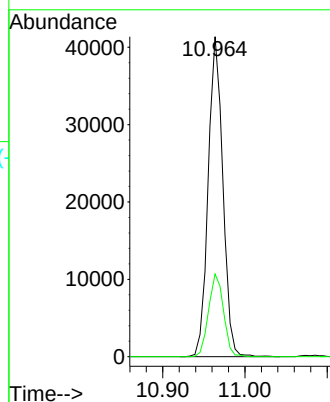
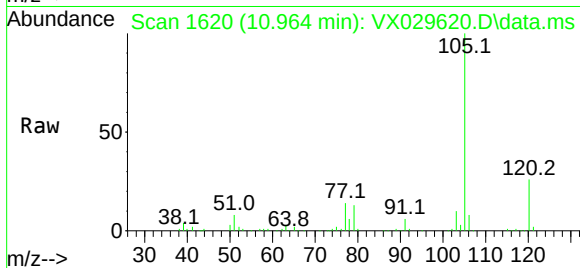
MW-10DL

Tgt Ion:105 Resp: 51192

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



#78

n-propylbenzene

Concen: 9.574 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029620.D

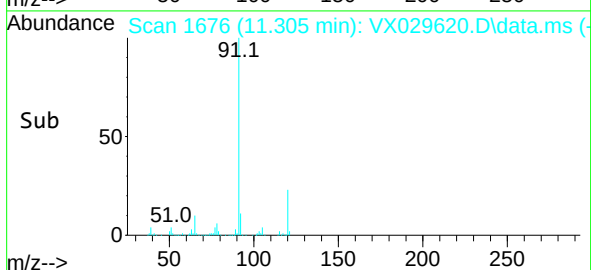
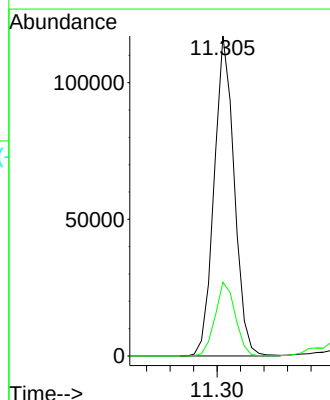
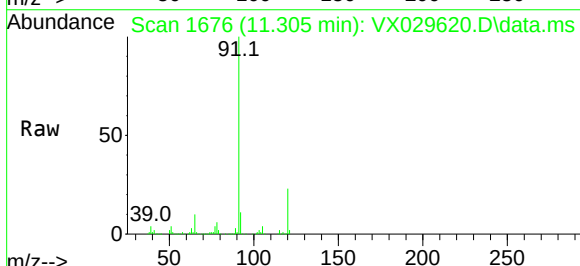
Acq: 20 Jun 2022 14:06

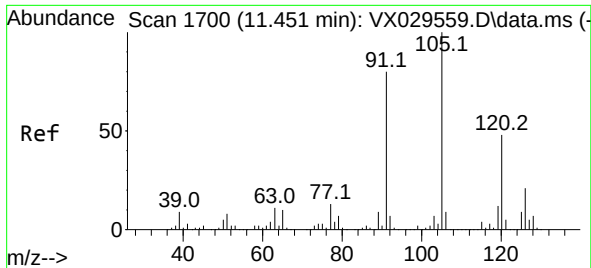
Tgt Ion: 91 Resp: 139262

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

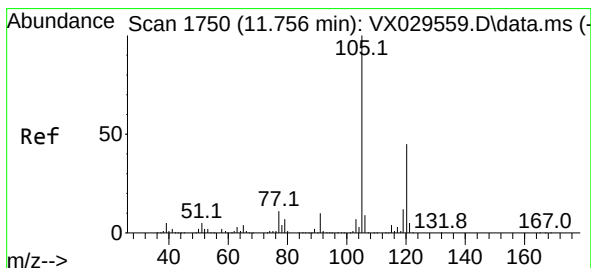
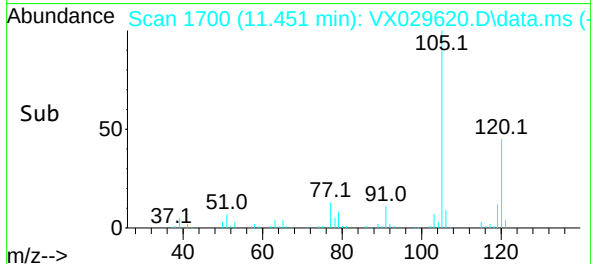
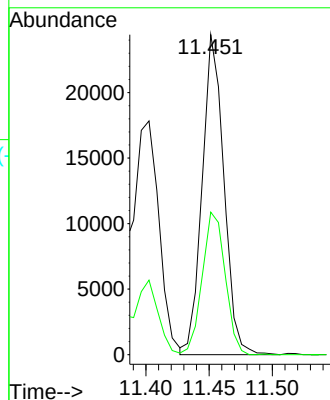
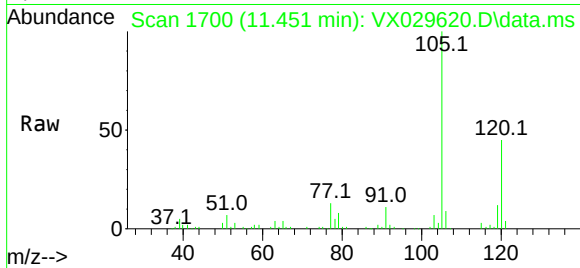




#80
1,3,5-Trimethylbenzene
Concen: 2.685 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

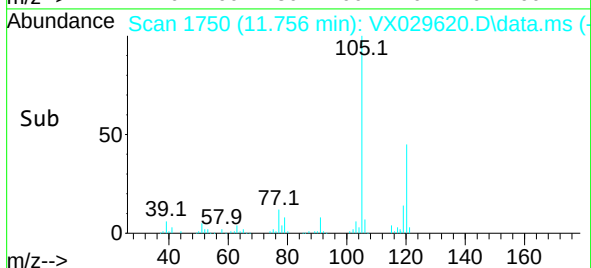
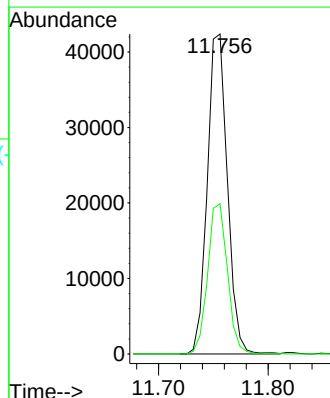
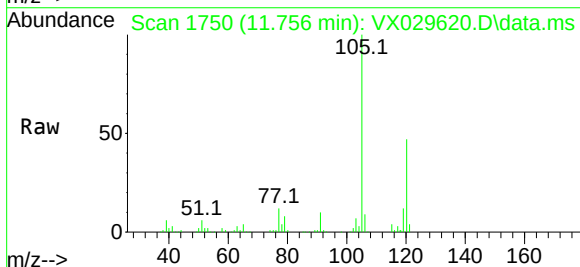
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

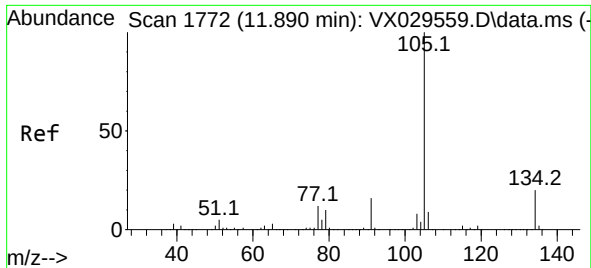
Tgt Ion:105 Resp: 29200
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 4.969 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029620.D
Acq: 20 Jun 2022 14:06

Tgt Ion:105 Resp: 53899
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8

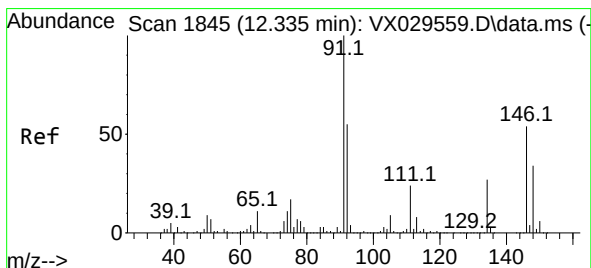
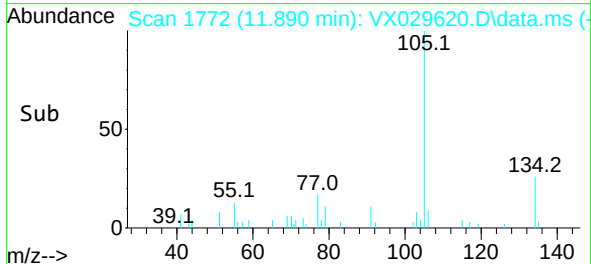
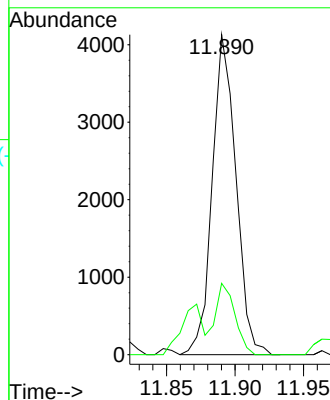
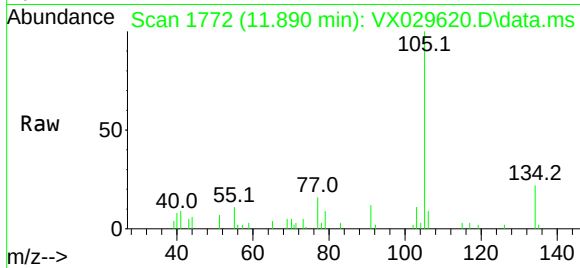




#85
 sec-Butylbenzene
 Concen: 0.378 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX029620.D
 Acq: 20 Jun 2022 14:06

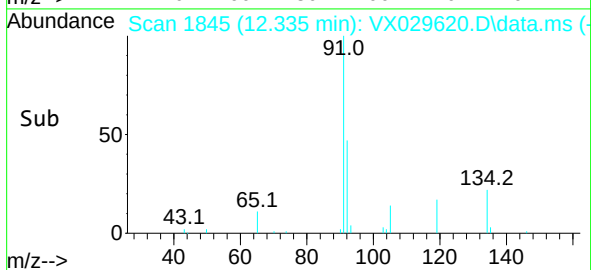
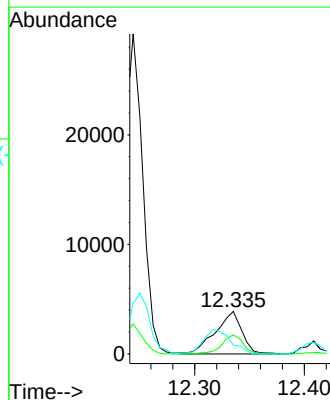
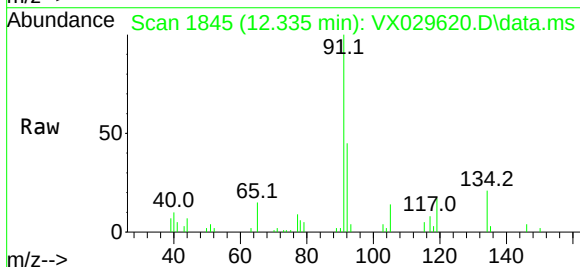
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

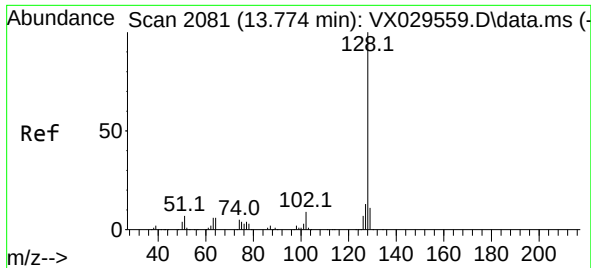
Tgt Ion:105 Resp: 4964
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.2 30.4



#89
 n-Butylbenzene
 Concen: 0.707 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029620.D
 Acq: 20 Jun 2022 14:06

Tgt Ion: 91 Resp: 6568
 Ion Ratio Lower Upper
 91 100
 92 35.6 27.8 83.3
 134 58.3 13.3 39.8#





#95

Naphthalene

Concen: 13.112 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX029620.D

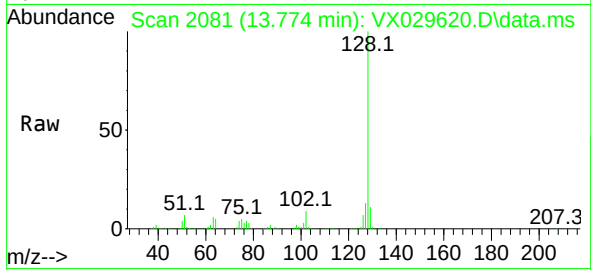
Acq: 20 Jun 2022 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL



Tgt Ion:128 Resp: 158421

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 11.0 8.7 13.1

