

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042144.D
 Acq On : 02 Jul 2024 16:55
 Operator : JC/MD
 Sample : P3092-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-20240626-ADL

Quant Time: Jul 03 03:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

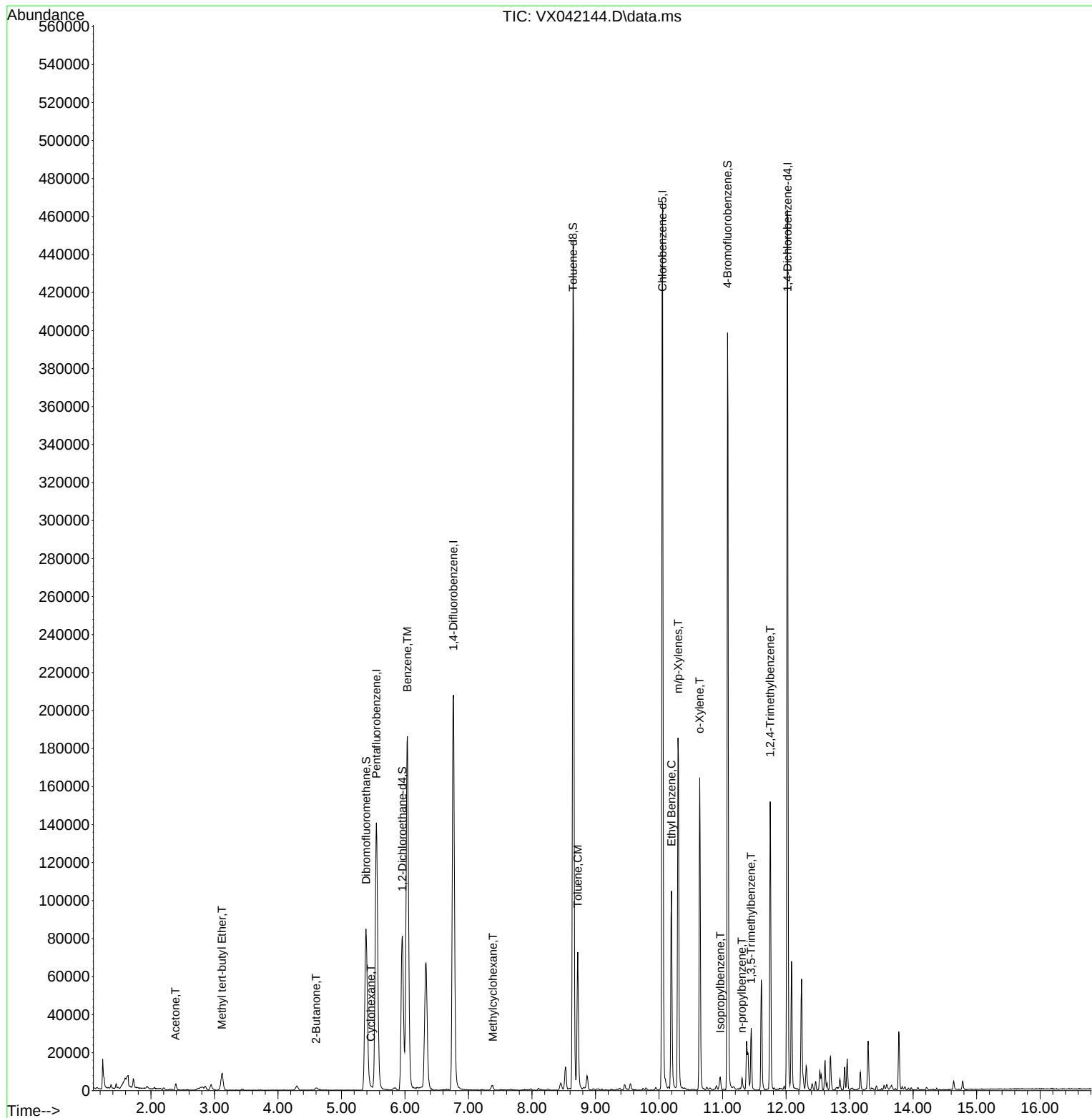
Internal Standards						
1) Pentafluorobenzene	5.550	168	155181	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	238765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78287	43.750	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.500%
35) Dibromofluoromethane	5.385	113	75461	44.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.080%
50) Toluene-d8	8.647	98	275663	46.317	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	102577	46.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3593	4.573	ug/l	# 86
19) Methyl tert-butyl Ether	3.117	73	10050	2.273	ug/l	# 90
25) 2-Butanone	4.599	43	2198	1.798	ug/l	95
31) Cyclohexane	5.464	56	798	0.381	ug/l	93
39) Methylcyclohexane	7.385	83	1136	0.499	ug/l	87
40) Benzene	6.037	78	241130	39.741	ug/l	100
52) Toluene	8.720	92	29285	7.580	ug/l	100
67) Ethyl Benzene	10.195	91	62641	8.344	ug/l	100
68) m/p-Xylenes	10.299	106	48367	15.961	ug/l	92
69) o-Xylene	10.640	106	38242	12.747	ug/l	93
73) Isopropylbenzene	10.963	105	3362	0.490	ug/l	97
78) n-propylbenzene	11.305	91	3814	0.512	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	15164	2.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	69677	12.151	ug/l	93

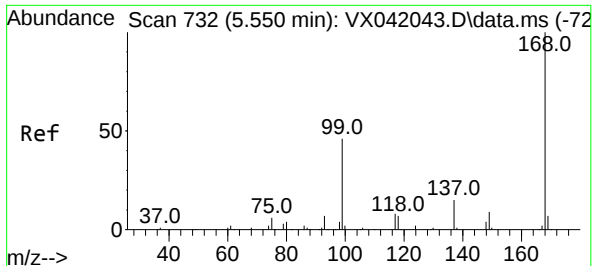
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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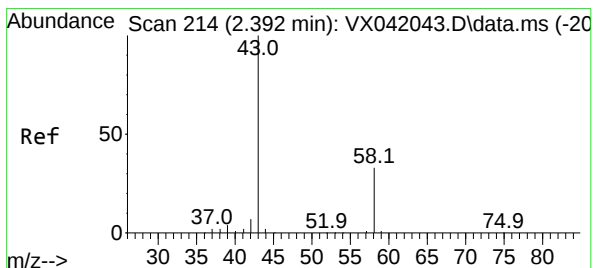
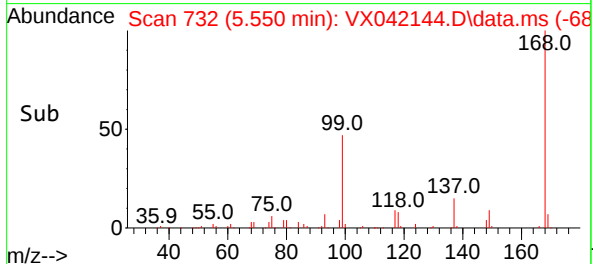
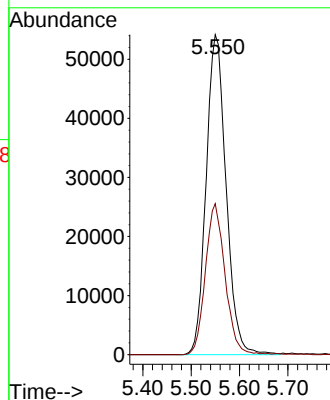
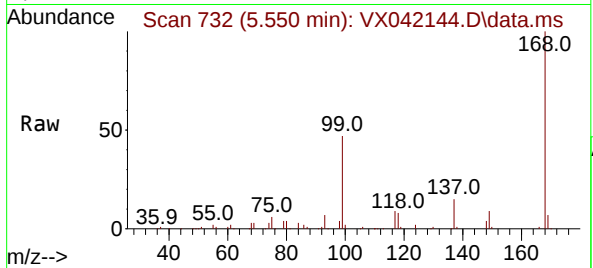




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

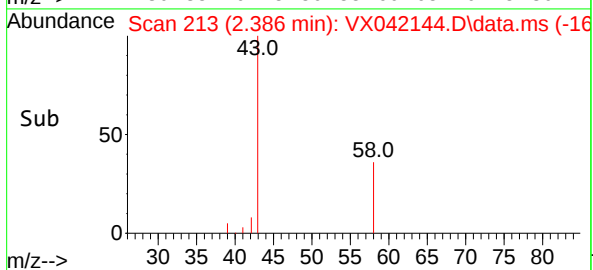
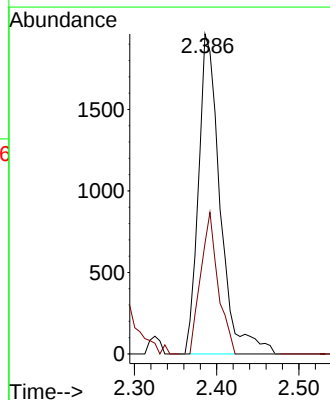
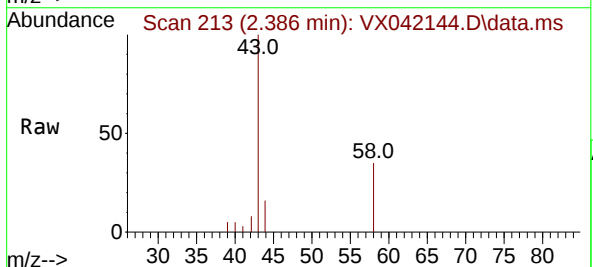
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-ADL

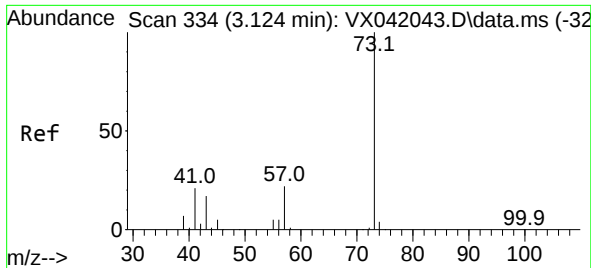
Tgt Ion:168 Resp: 155181
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0#



#16
Acetone
Concen: 4.573 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#

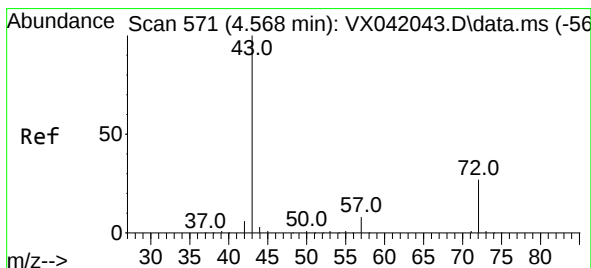
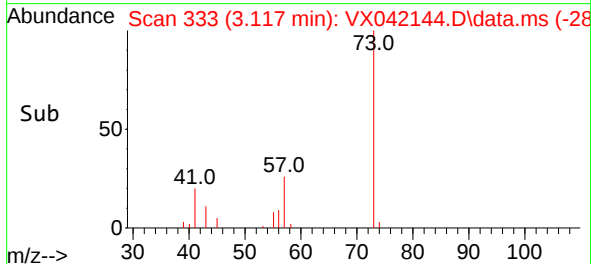
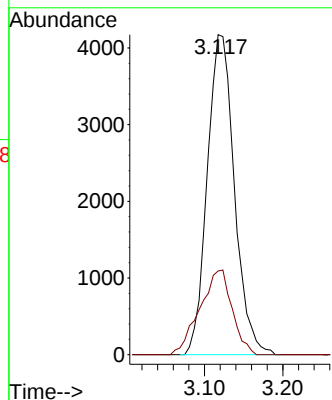
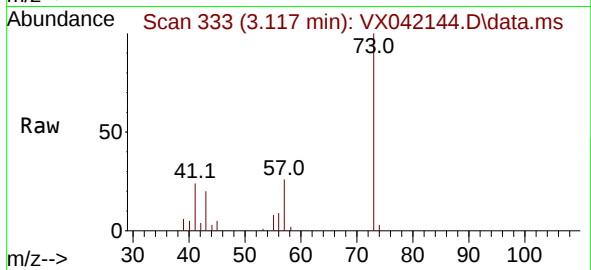




#19
Methyl tert-butyl Ether
Concen: 2.273 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

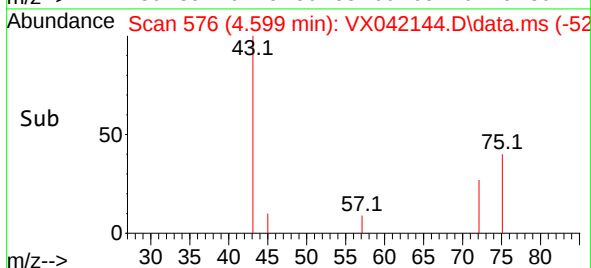
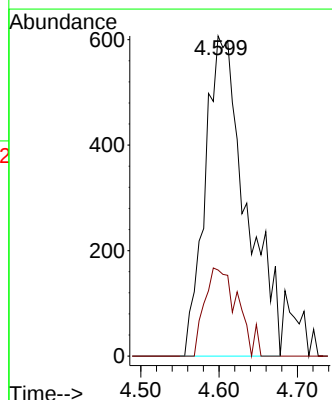
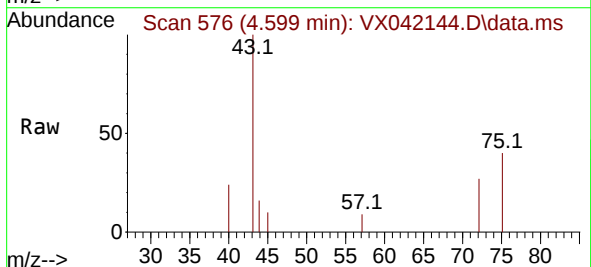
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-ADL

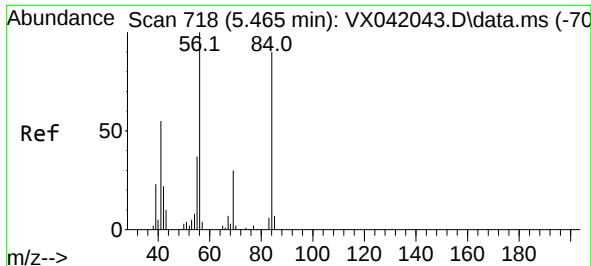
Tgt Ion: 73 Resp: 10050
Ion Ratio Lower Upper
73 100
57 26.1 17.3 25.9#



#25
2-Butanone
Concen: 1.798 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.024 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2





#31
Cyclohexane

Concen: 0.381 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042144.D

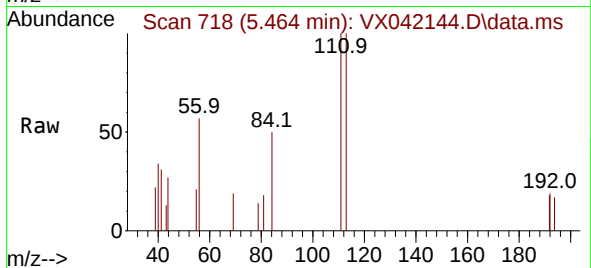
Acq: 02 Jul 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

MW6-20240626-ADL



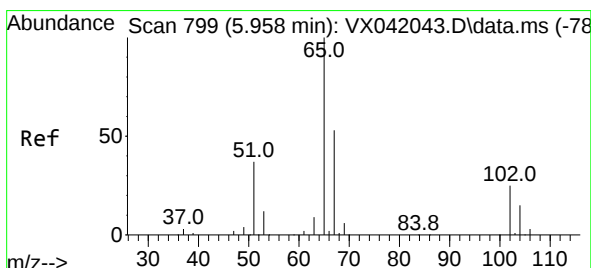
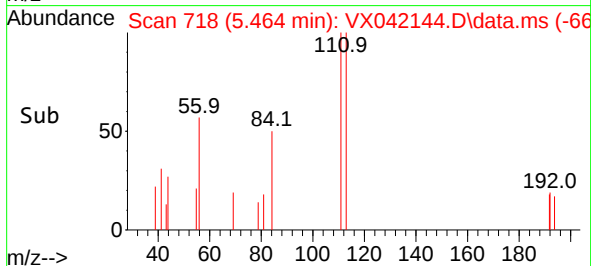
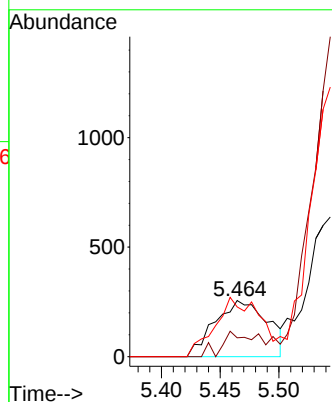
Tgt Ion: 56 Resp: 798

Ion Ratio Lower Upper

56 100

69 33.6 23.4 35.2

84 88.7 65.9 98.9



#33

1,2-Dichloroethane-d4

Concen: 43.750 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042144.D

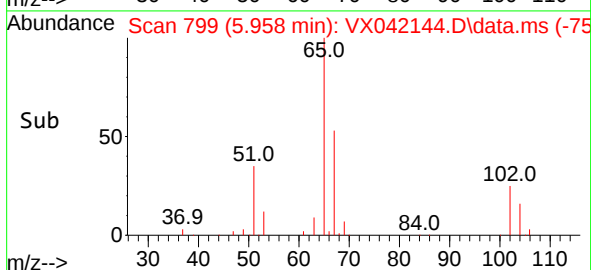
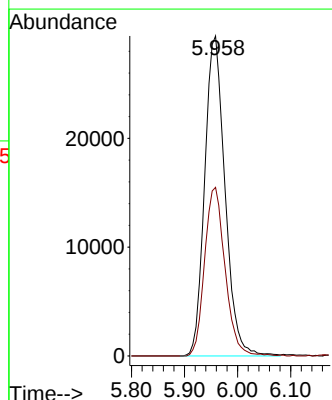
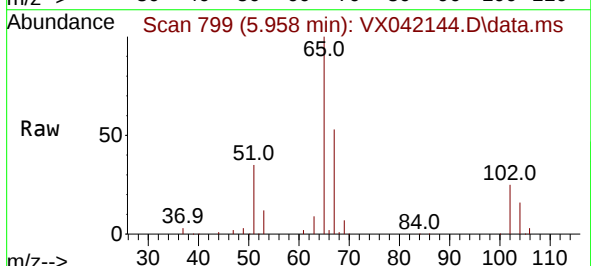
Acq: 02 Jul 2024 16:55

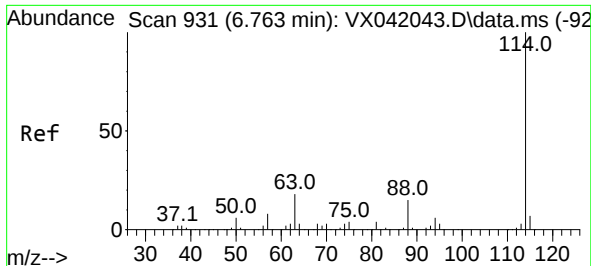
Tgt Ion: 65 Resp: 78287

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2

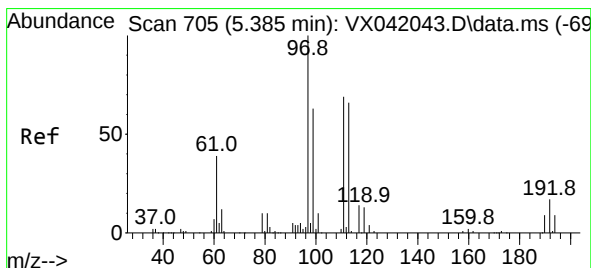
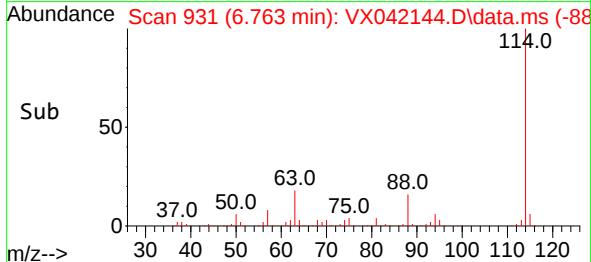
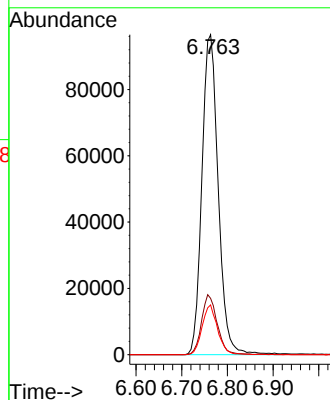
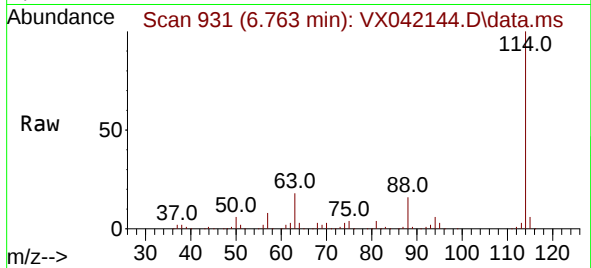




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

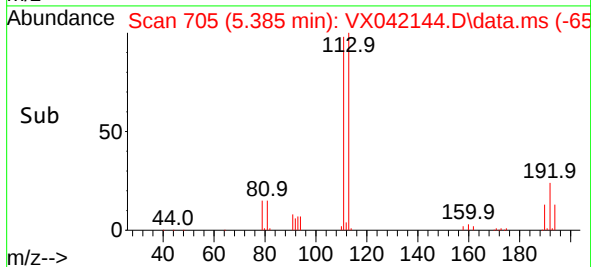
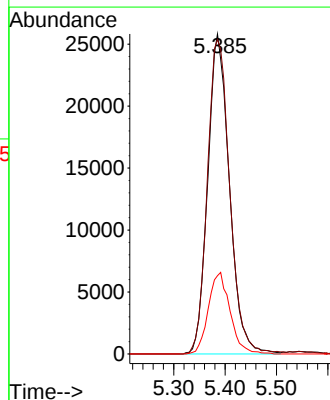
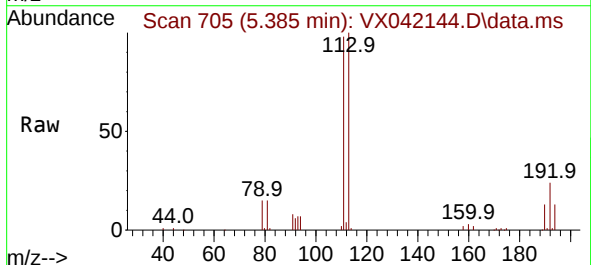
Instrument :
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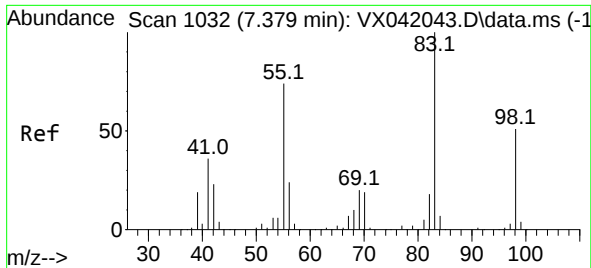
Tgt Ion:114 Resp: 238765
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.542 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion:113 Resp: 75461
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.5 13.3 19.9#

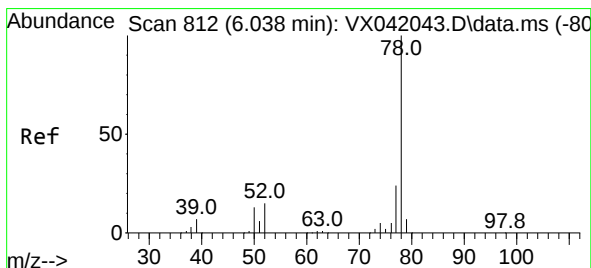
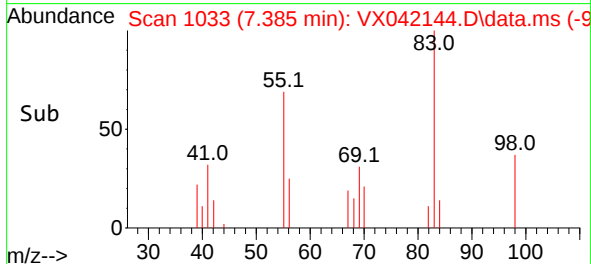
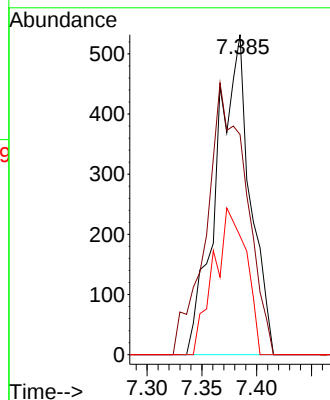
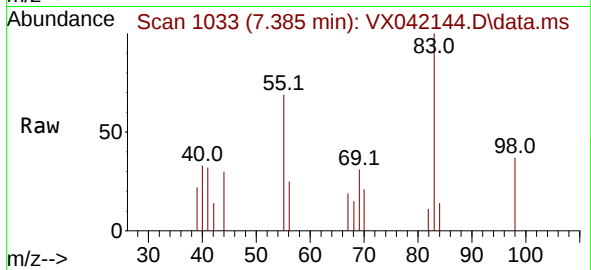




#39
Methylcyclohexane
Concen: 0.499 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

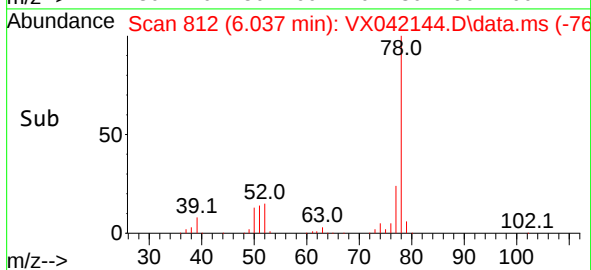
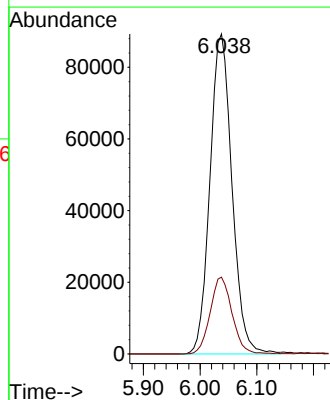
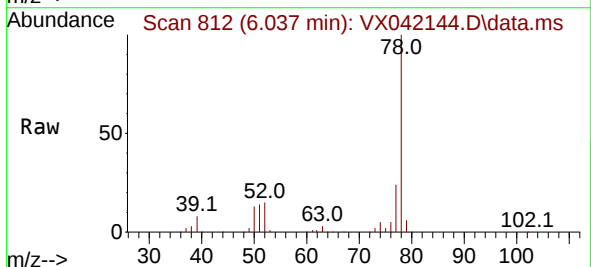
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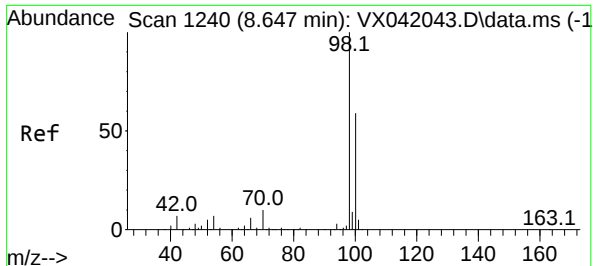
Tgt Ion: 83 Resp: 1136
Ion Ratio Lower Upper
83 100
55 68.8 64.6 97.0
98 37.0 36.7 55.1



#40
Benzene
Concen: 39.741 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 78 Resp: 241130
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

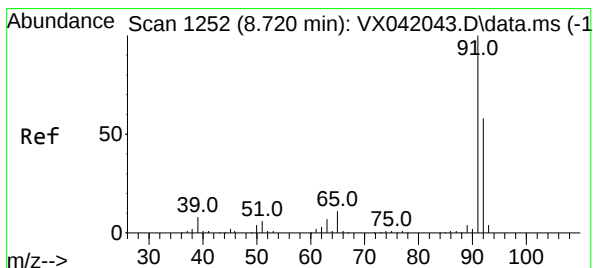
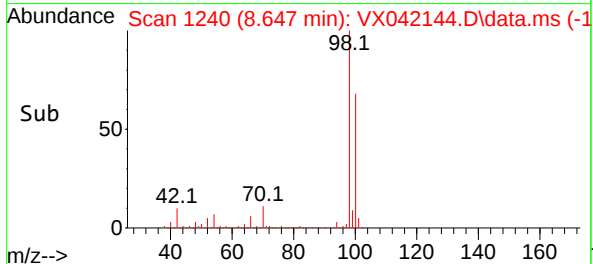
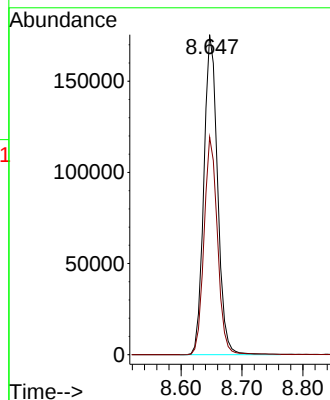
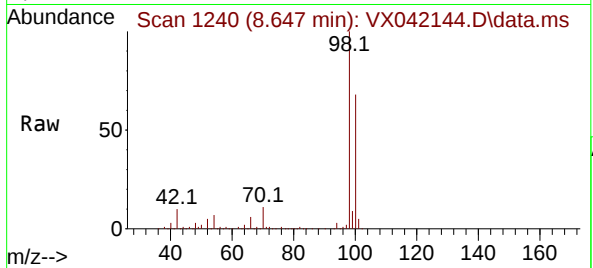




#50
Toluene-d8
Concen: 46.317 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

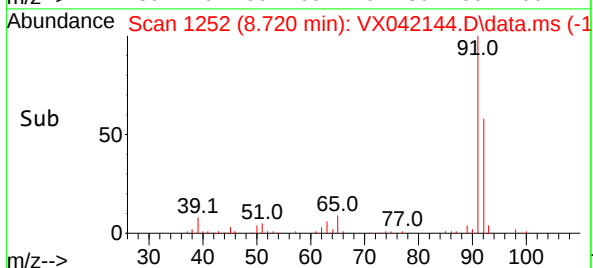
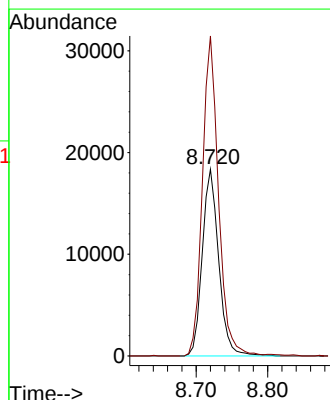
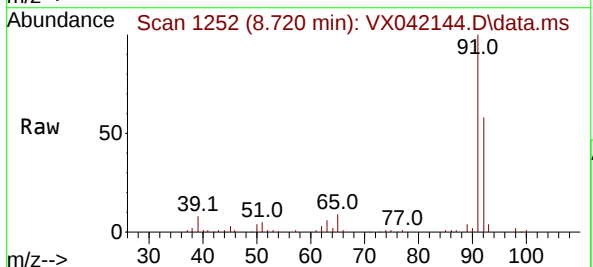
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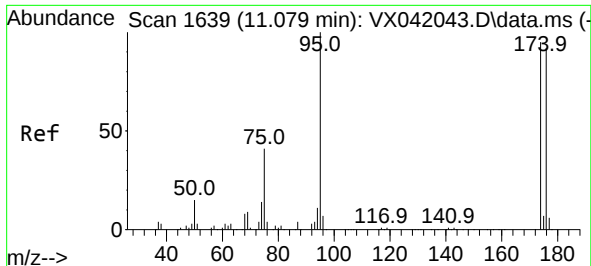
Tgt Ion: 98 Resp: 275663
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#52
Toluene
Concen: 7.580 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 92 Resp: 29285
Ion Ratio Lower Upper
92 100
91 167.4 134.2 201.2

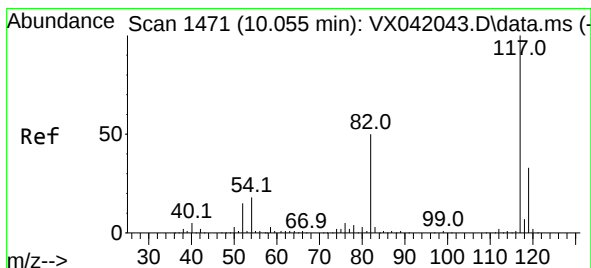
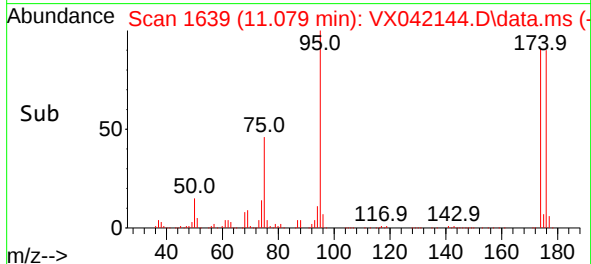
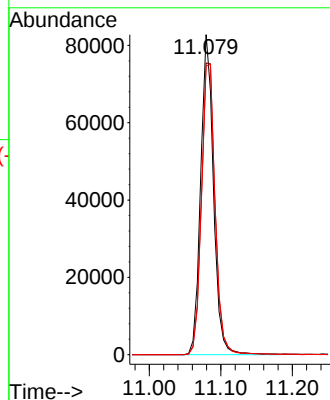
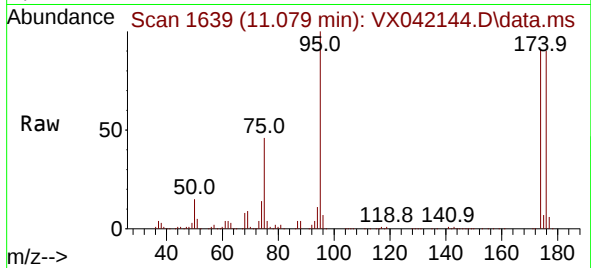




#62
4-Bromofluorobenzene
Concen: 46.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

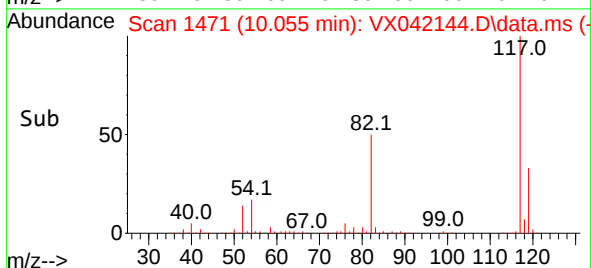
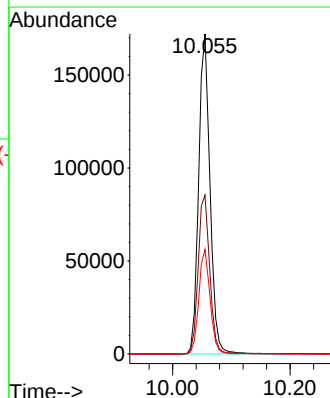
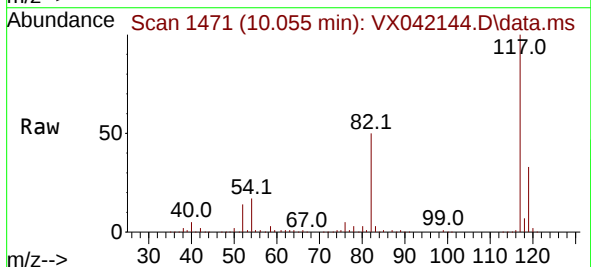
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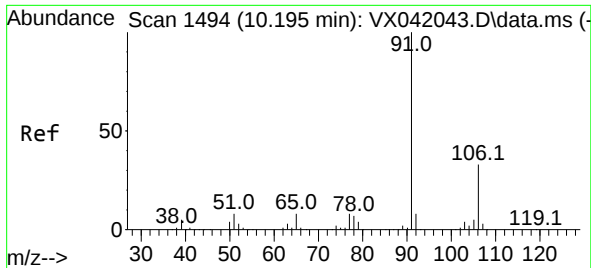
Tgt Ion: 95 Resp: 102577
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 97.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 117 Resp: 230324
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.7 25.5 38.3

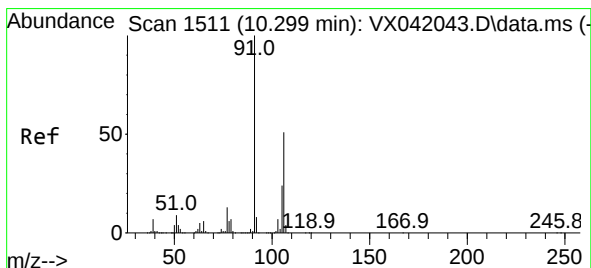
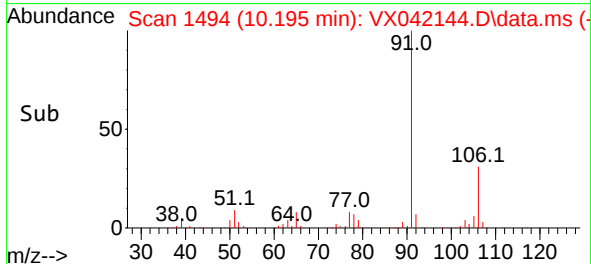
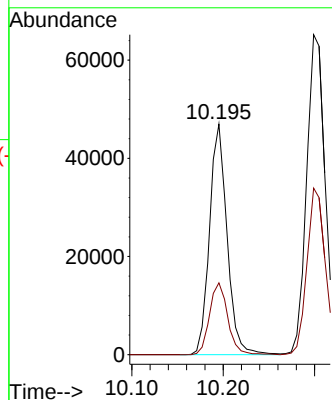
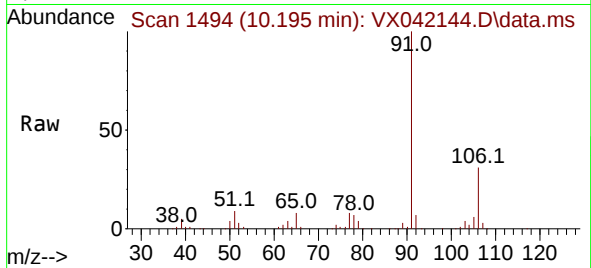




#67
Ethyl Benzene
Concen: 8.344 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

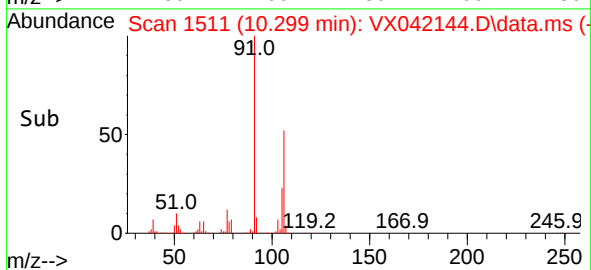
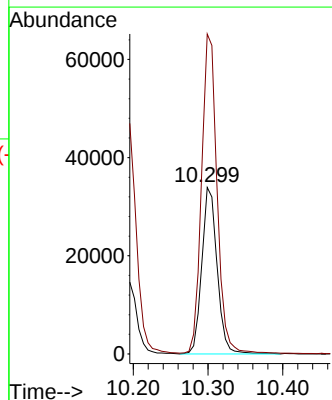
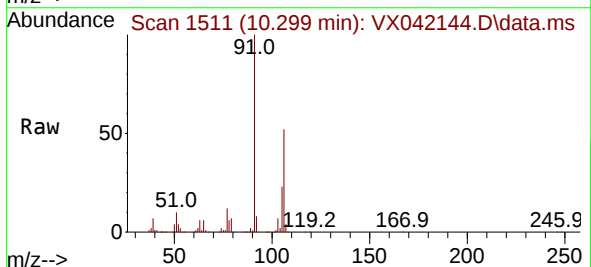
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-ADL

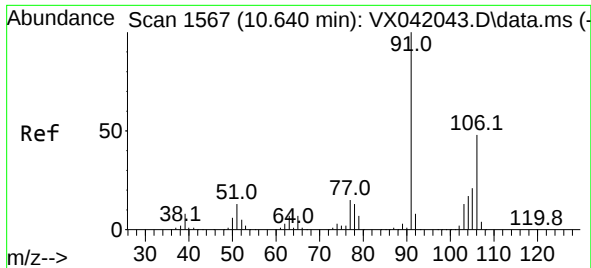
Tgt Ion: 91 Resp: 62641
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 15.961 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion: 106 Resp: 48367
Ion Ratio Lower Upper
106 100
91 194.6 165.5 248.3

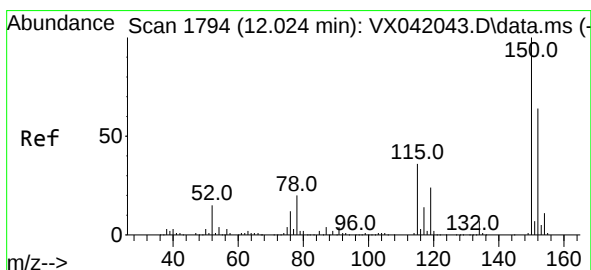
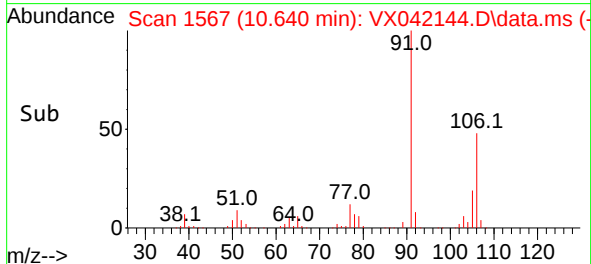
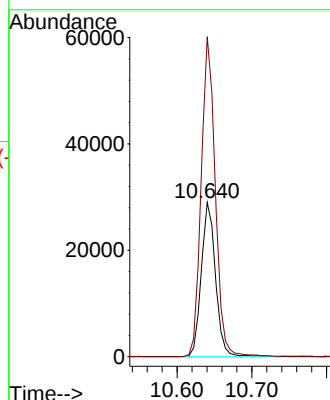
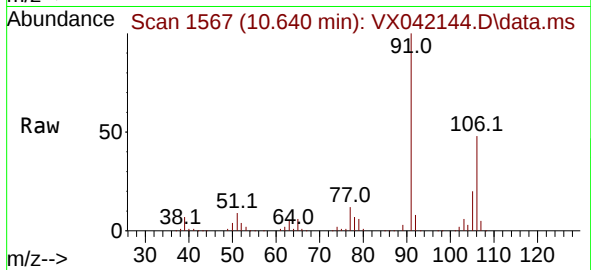




#69
o-Xylene
Concen: 12.747 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

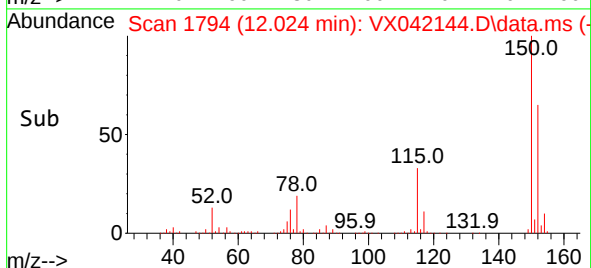
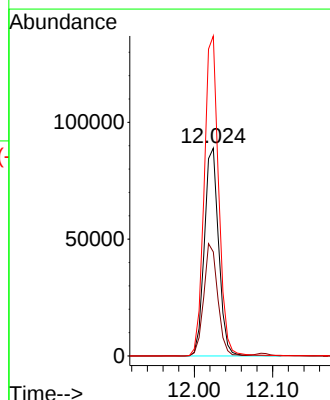
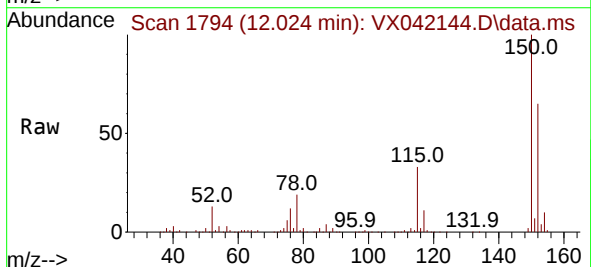
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-ADL

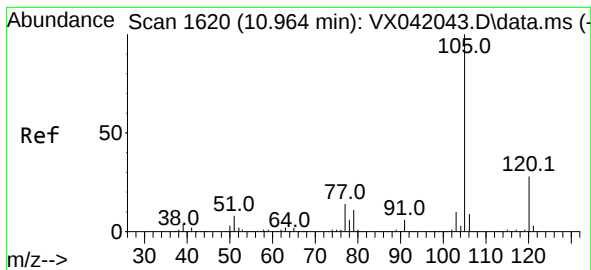
Tgt Ion:106 Resp: 38242
Ion Ratio Lower Upper
106 100
91 206.5 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion:152 Resp: 112858
Ion Ratio Lower Upper
152 100
115 52.7 43.3 129.9
150 154.8 0.0 345.0





#73

Isopropylbenzene

Concen: 0.490 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042144.D

Acq: 02 Jul 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

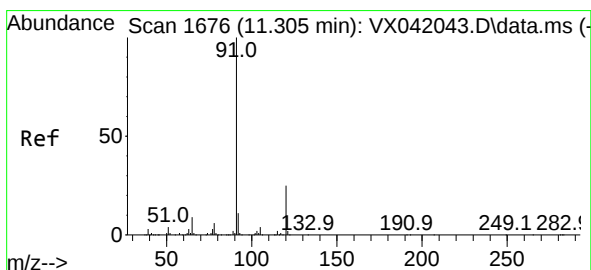
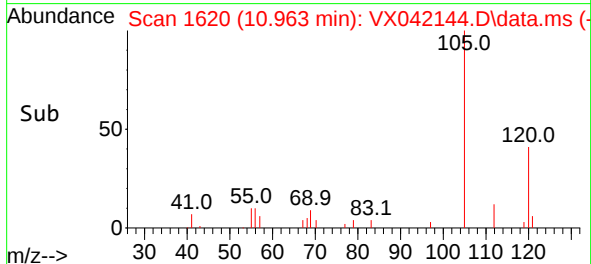
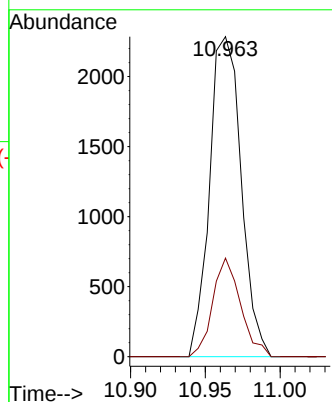
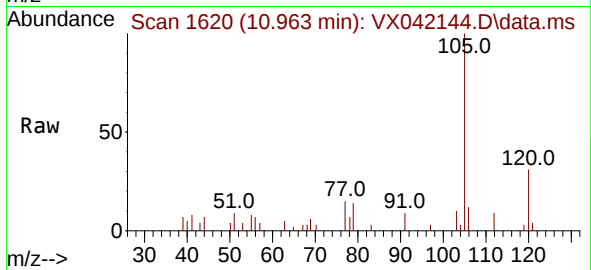
MW6-20240626-ADL

Tgt Ion:105 Resp: 3362

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



#78

n-propylbenzene

Concen: 0.512 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042144.D

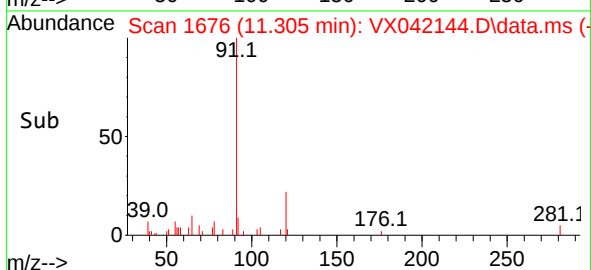
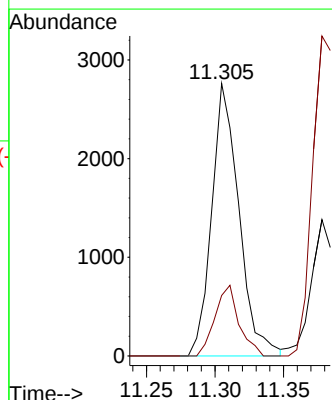
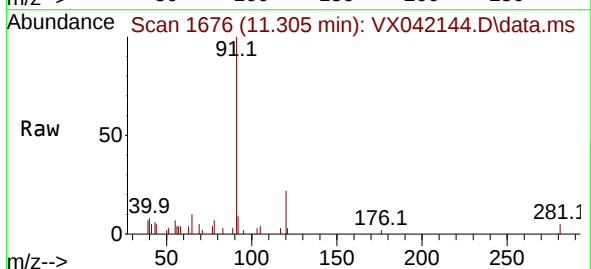
Acq: 02 Jul 2024 16:55

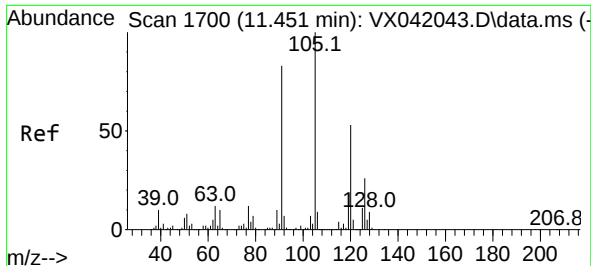
Tgt Ion: 91 Resp: 3814

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

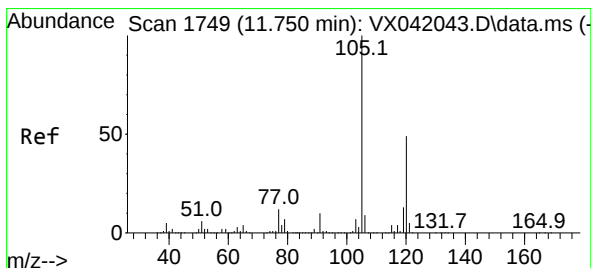
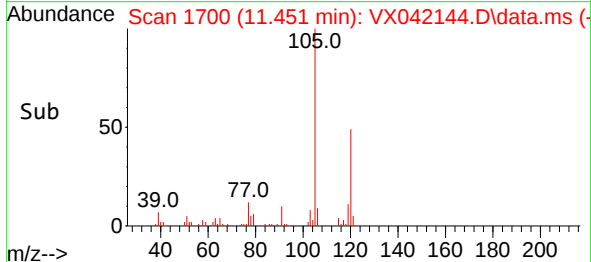
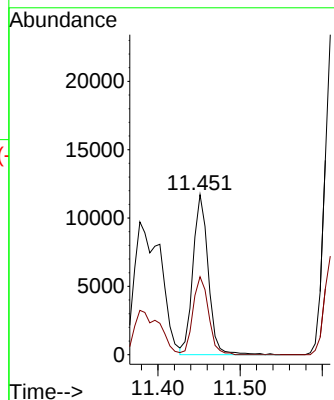
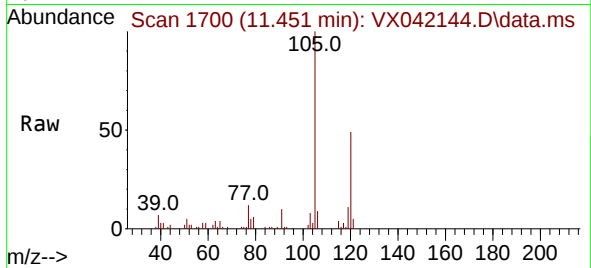




#80
1,3,5-Trimethylbenzene
Concen: 2.653 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-ADL

Tgt Ion:105 Resp: 15164
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 12.151 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042144.D
Acq: 02 Jul 2024 16:55

Tgt Ion:105 Resp: 69677
Ion Ratio Lower Upper
105 100
120 47.0 21.2 63.6

