

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042133.D
 Acq On : 02 Jul 2024 12:38
 Operator : JC/MD
 Sample : P3092-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-20240626DL

Quant Time: Jul 03 03:32:01 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)

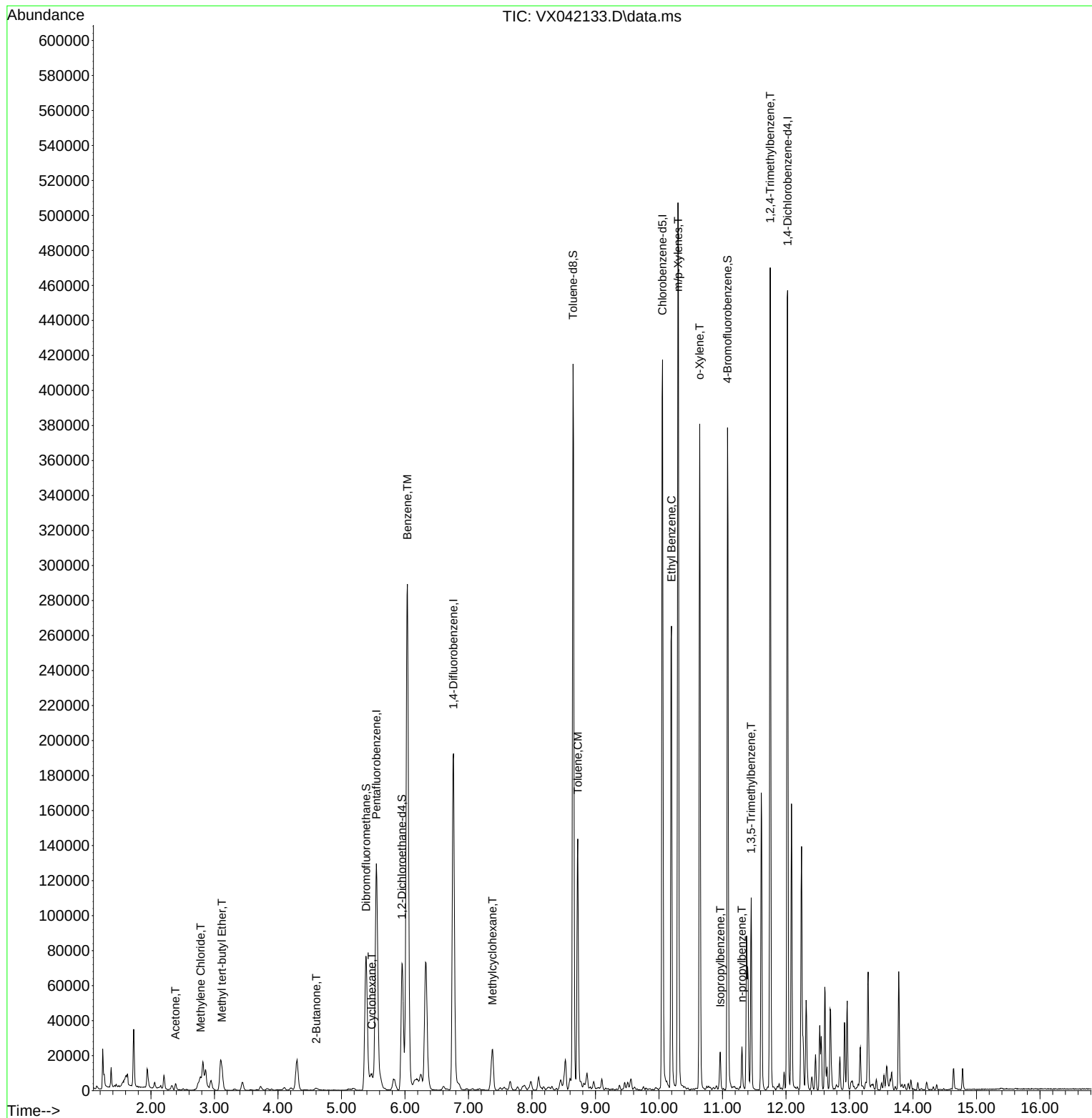
Internal Standards						
1) Pentafluorobenzene	5.550	168	141994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69428	42.402	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.800%
35) Dibromofluoromethane	5.385	113	68911	44.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	258800	47.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.079	95	98382	48.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4091	5.690	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	10888	2.691	ug/l #	34
20) Methylene Chloride	2.782	84	1703	1.082	ug/l #	86
25) 2-Butanone	4.605	43	2038	1.822	ug/l #	79
31) Cyclohexane	5.477	56	6299	3.290	ug/l	93
39) Methylcyclohexane	7.379	83	10536	5.040	ug/l	97
40) Benzene	6.038	78	373880	67.061	ug/l	99
52) Toluene	8.720	92	58062	16.354	ug/l	98
67) Ethyl Benzene	10.195	91	161670	22.953	ug/l	97
68) m/p-Xylenes	10.299	106	127518	44.848	ug/l	91
69) o-Xylene	10.640	106	86127	30.595	ug/l	92
73) Isopropylbenzene	10.964	105	11089	1.638	ug/l	97
78) n-propylbenzene	11.305	91	14583	1.985	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	46698	8.282	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	203413	35.959	ug/l	92

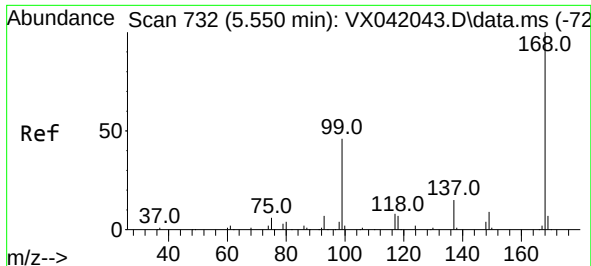
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
Data File : VX042133.D
Acq On : 02 Jul 2024 12:38
Operator : JC/MD
Sample : P3092-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

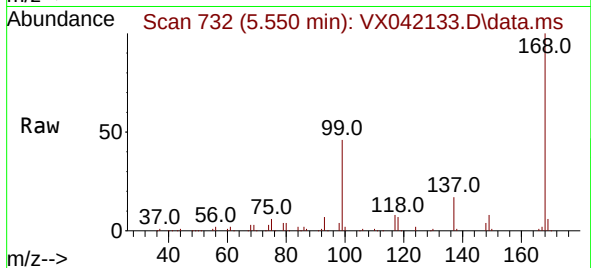
Quant Time: Jul 03 03:32:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



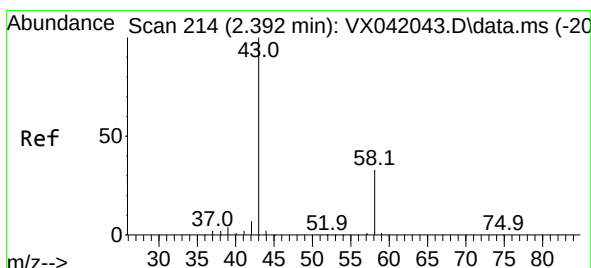
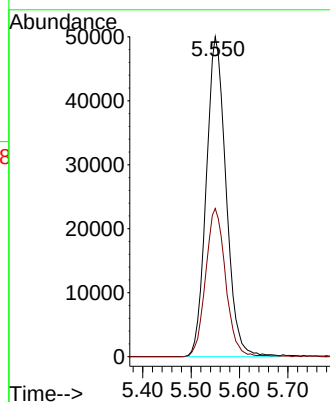
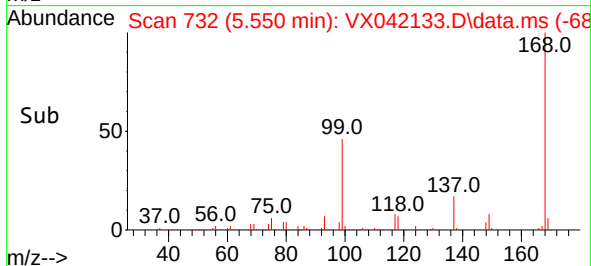


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

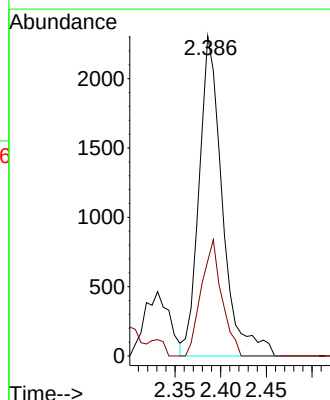
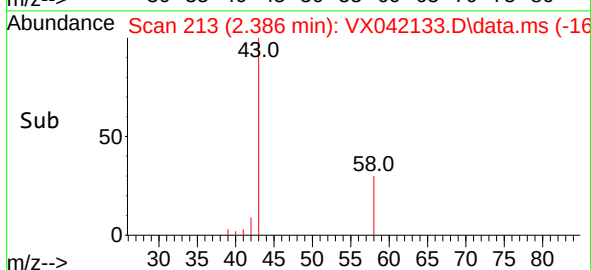
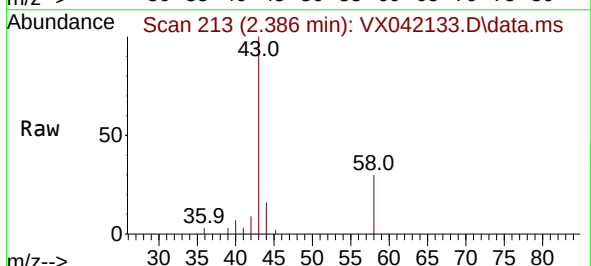


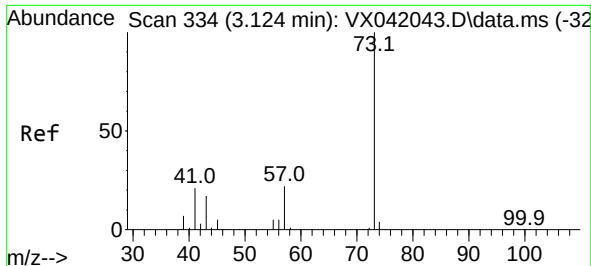
Tgt Ion:168 Resp: 141994
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#16
Acetone
Concen: 5.690 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 43 Resp: 4091
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9

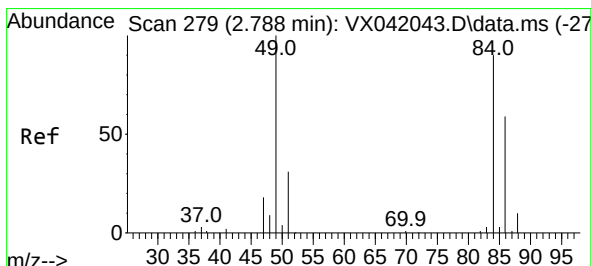
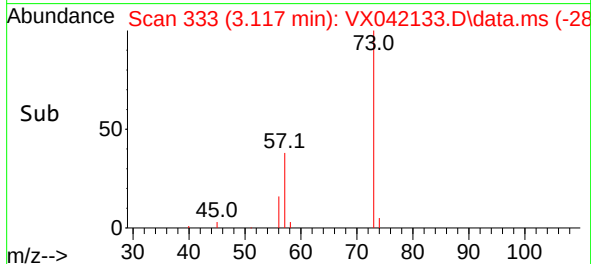
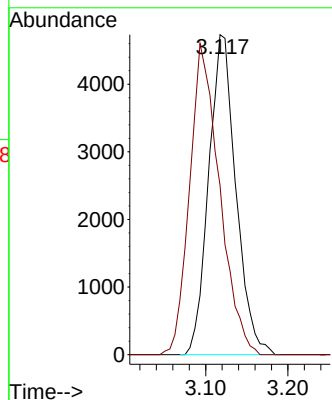
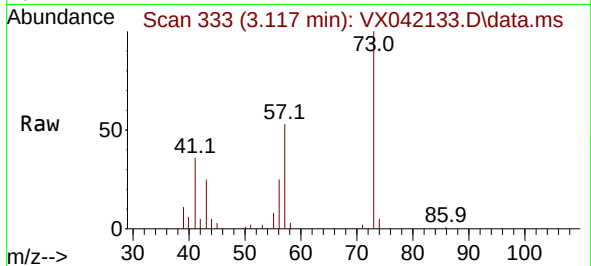




#19
Methyl tert-butyl Ether
Concen: 2.691 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

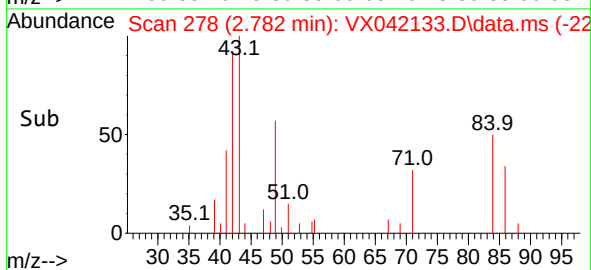
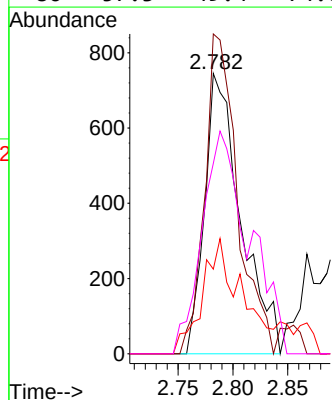
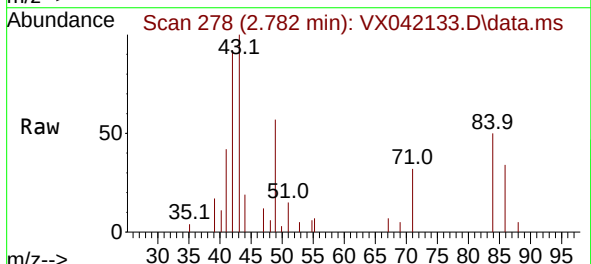
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

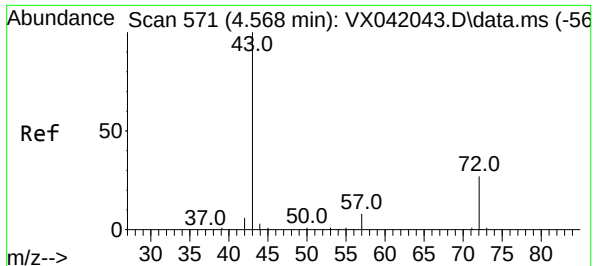
Tgt Ion: 73 Resp: 10888
Ion Ratio Lower Upper
73 100
57 52.9 17.3 25.9#



#20
Methylene Chloride
Concen: 1.082 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 84 Resp: 1703
Ion Ratio Lower Upper
84 100
49 114.1 103.6 155.4
51 23.1 33.8 50.6#
86 57.3 49.4 74.0

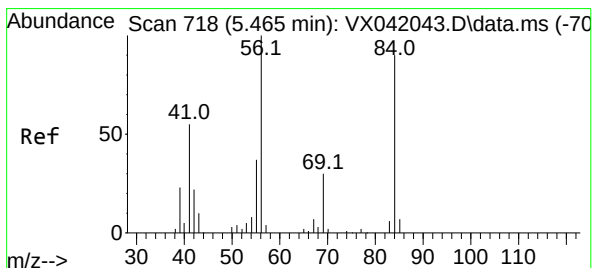
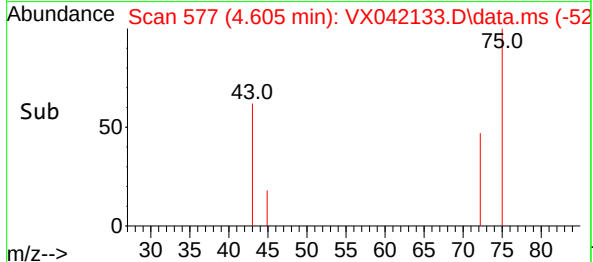
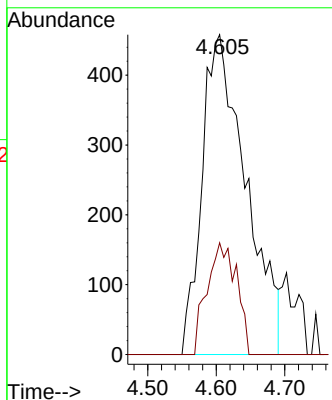
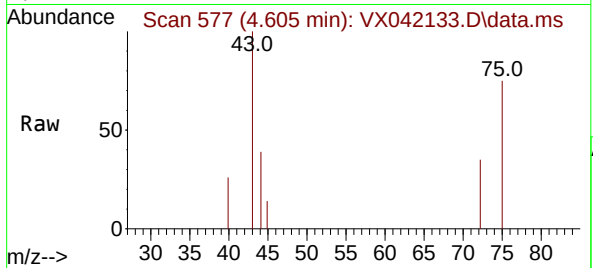




#25
2-Butanone
Concen: 1.822 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

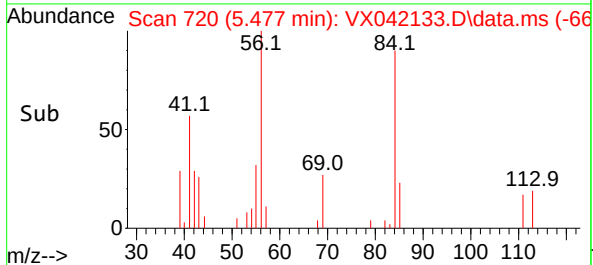
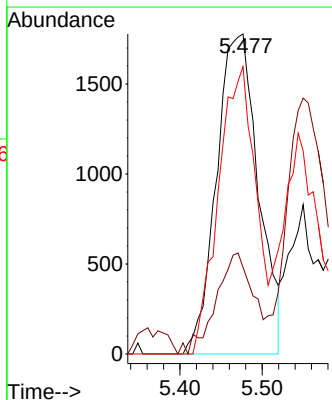
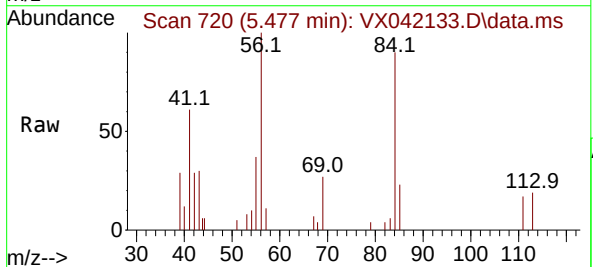
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

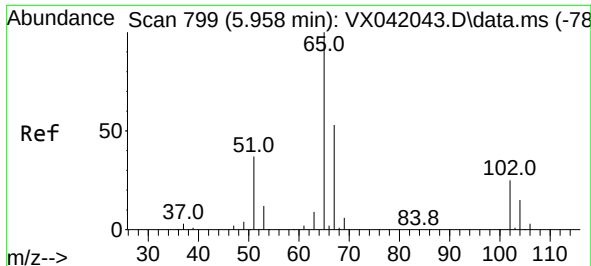
Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
72 34.9 19.4 29.2#



#31
Cyclohexane
Concen: 3.290 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 56 Resp: 6299
Ion Ratio Lower Upper
56 100
69 27.1 23.4 35.2
84 89.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 42.402 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042133.D

Acq: 02 Jul 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

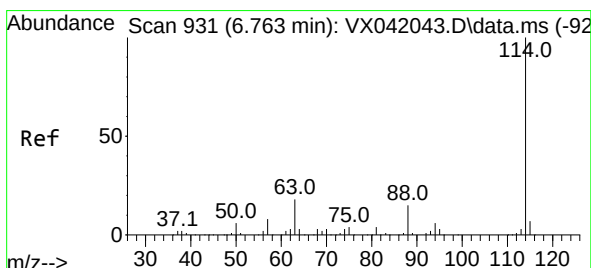
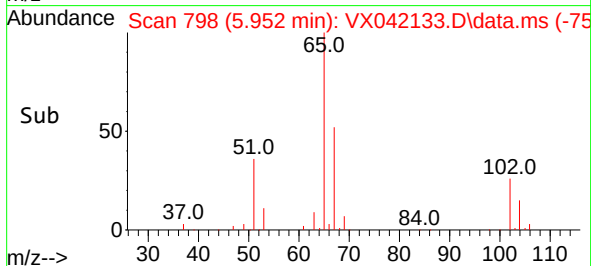
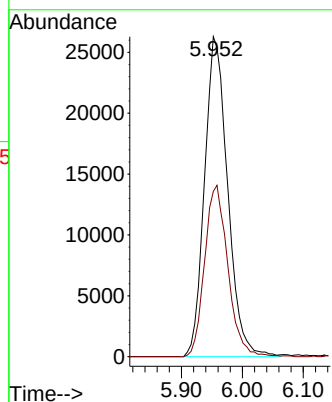
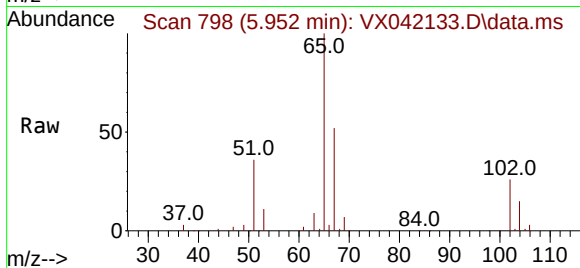
MW6-20240626DL

Tgt Ion: 65 Resp: 69428

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042133.D

Acq: 02 Jul 2024 12:38

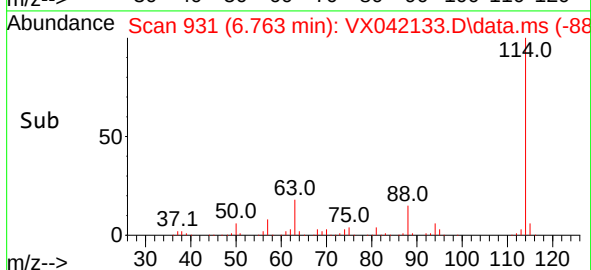
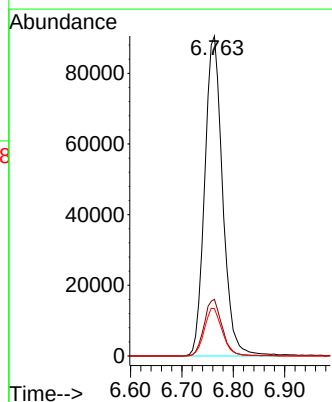
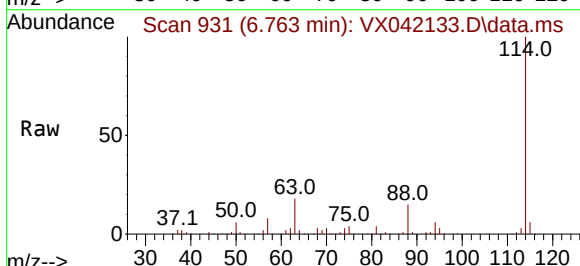
Tgt Ion: 114 Resp: 219394

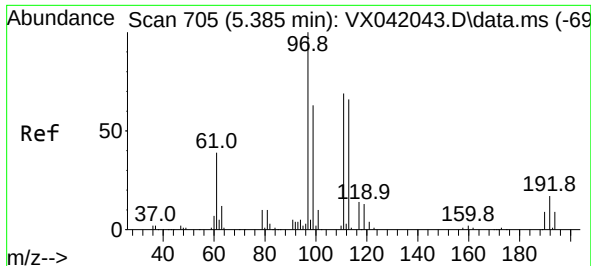
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.8 0.0 36.6

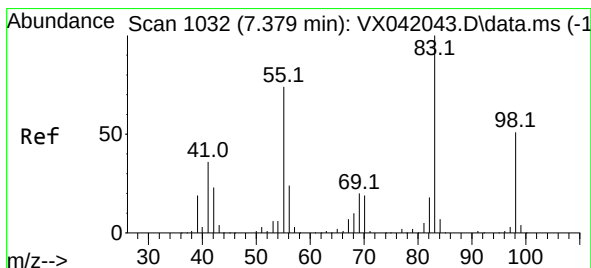
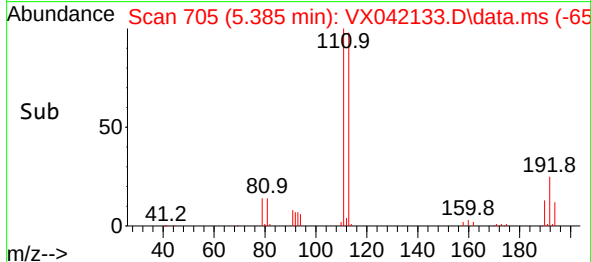
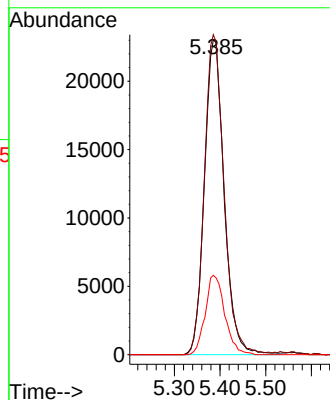
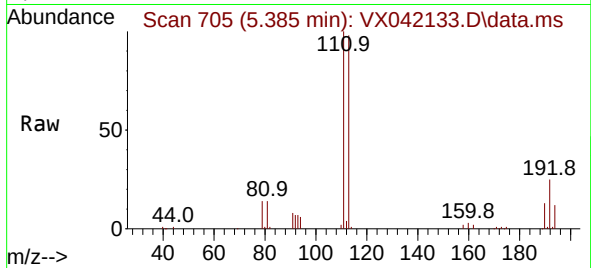




#35
Dibromofluoromethane
Concen: 44.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

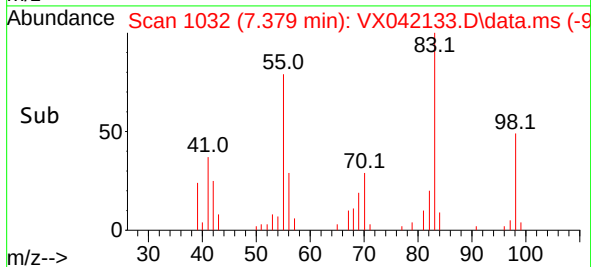
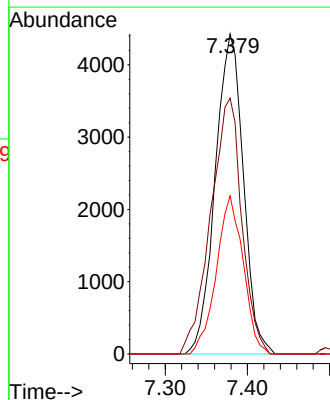
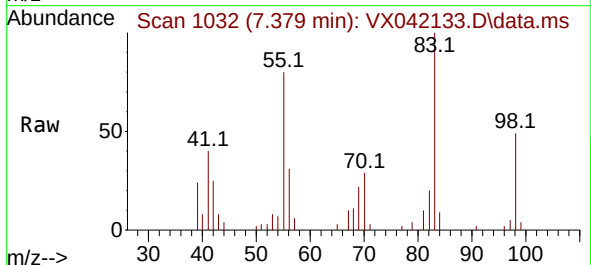
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

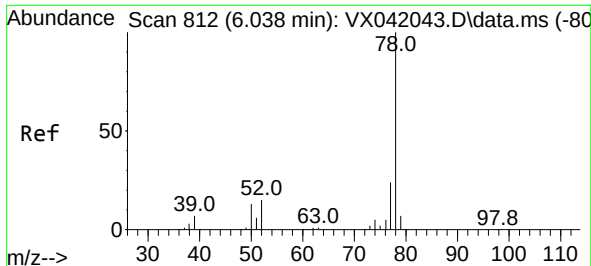
Tgt Ion:113 Resp: 68911
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.0 13.3 19.9#



#39
Methylcyclohexane
Concen: 5.040 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 83 Resp: 10536
Ion Ratio Lower Upper
83 100
55 79.9 64.6 97.0
98 49.4 36.7 55.1

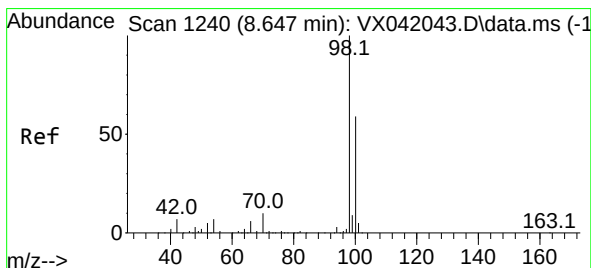
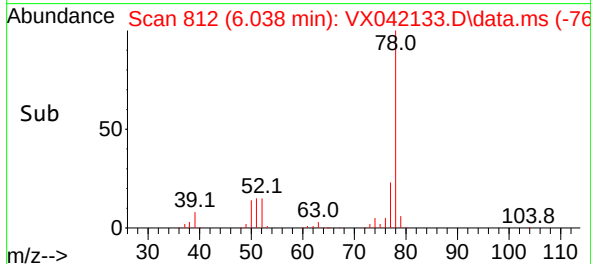
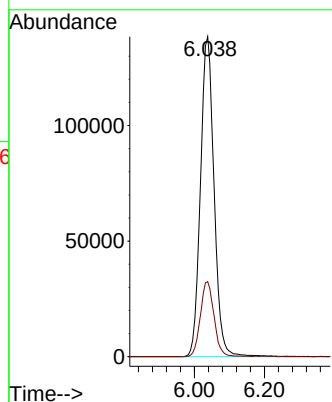
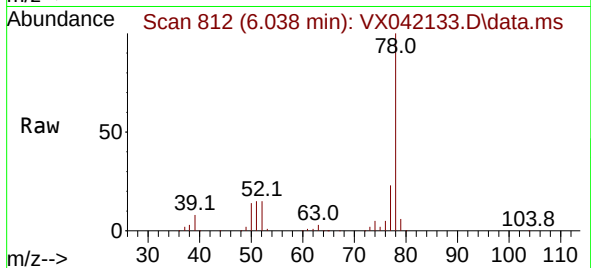




#40
Benzene
Concen: 67.061 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

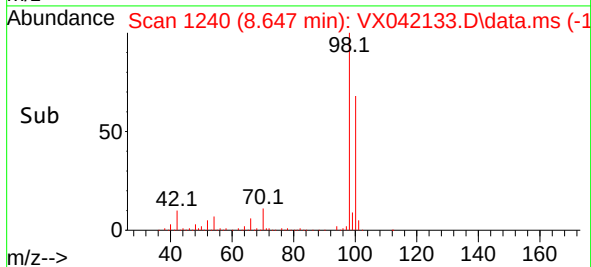
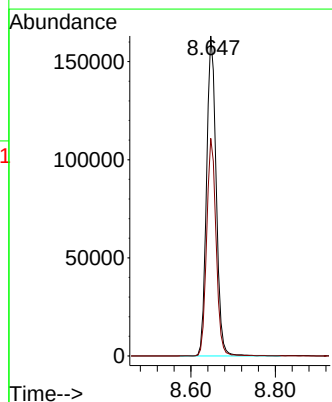
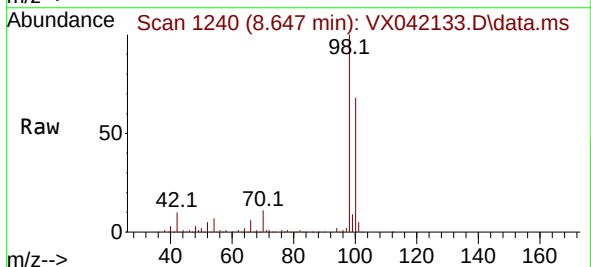
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

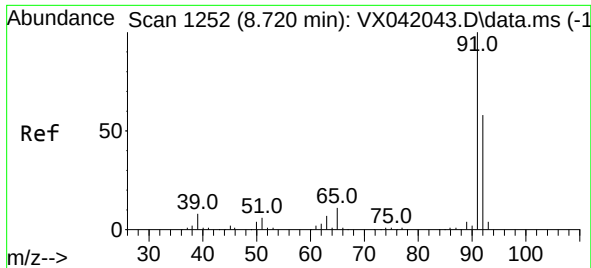
Tgt Ion: 78 Resp: 373880
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



#50
Toluene-d8
Concen: 47.323 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 98 Resp: 258800
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

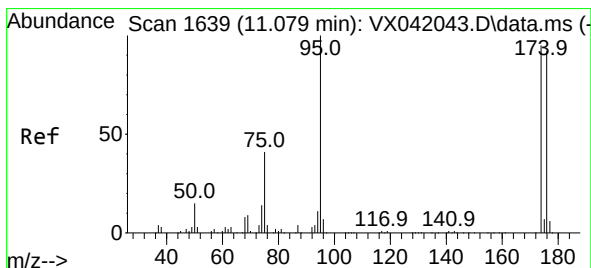
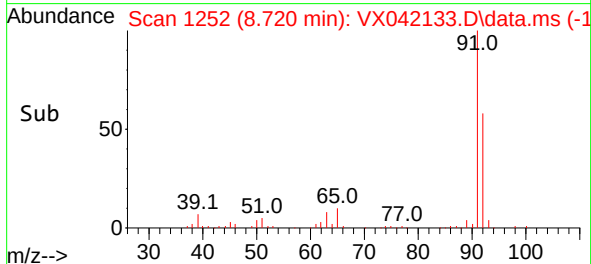
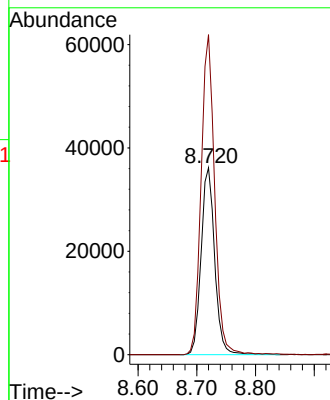
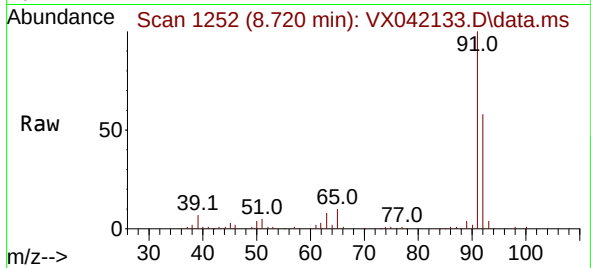




#52
Toluene
Concen: 16.354 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

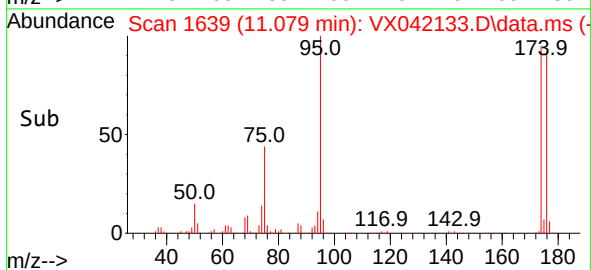
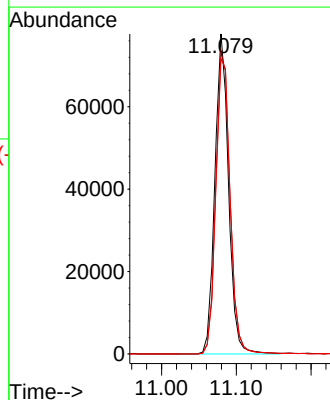
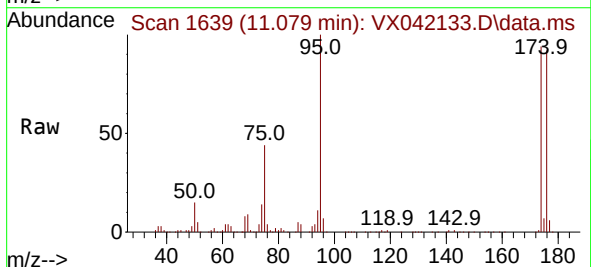
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

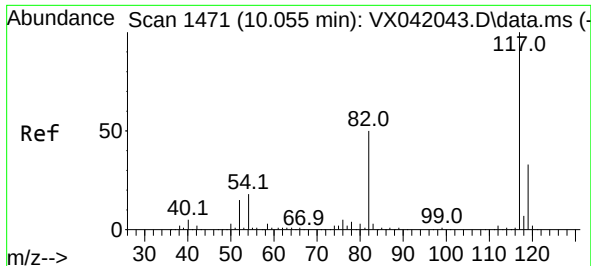
Tgt Ion: 92 Resp: 58062
Ion Ratio Lower Upper
92 100
91 170.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 95 Resp: 98382
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 97.1 0.0 131.0

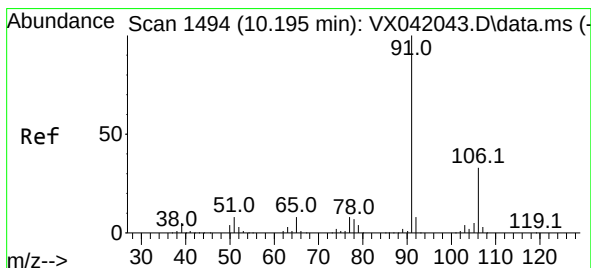
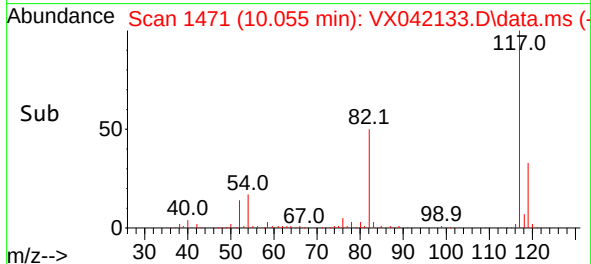
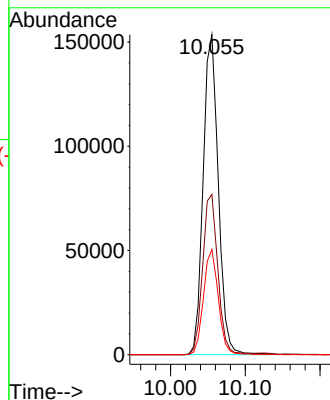
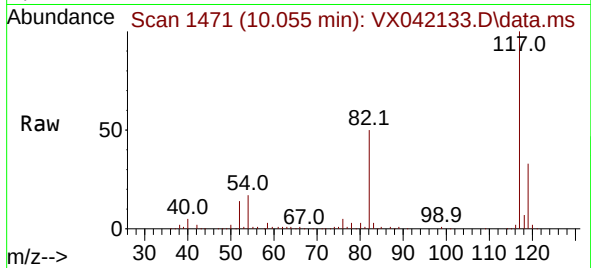




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

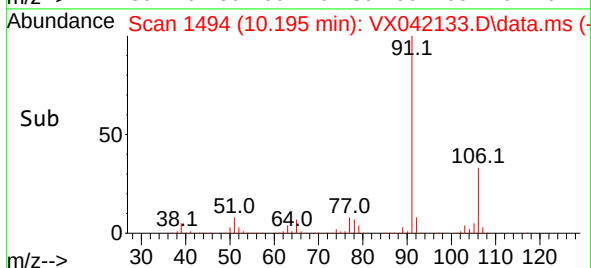
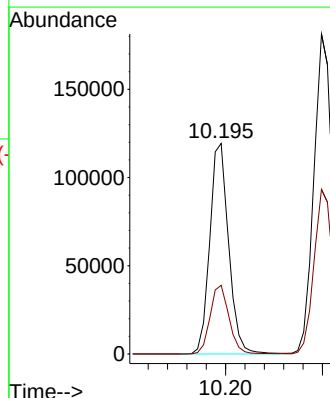
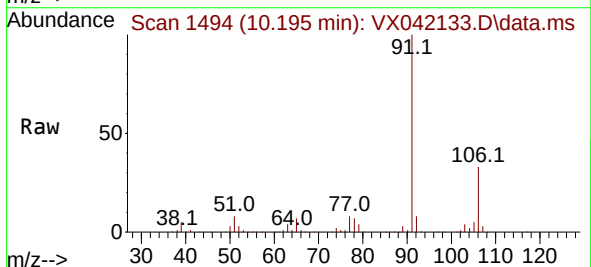
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

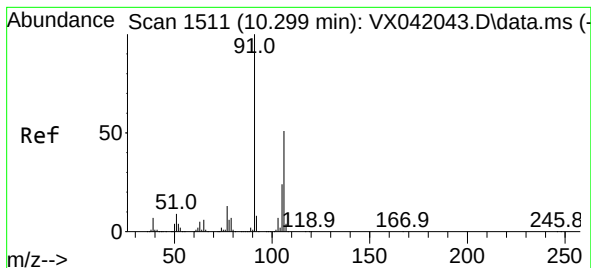
Tgt Ion:117 Resp: 216109
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 22.953 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

Tgt Ion: 91 Resp: 161670
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3





#68

m/p-Xylenes

Concen: 44.848 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042133.D

Acq: 02 Jul 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

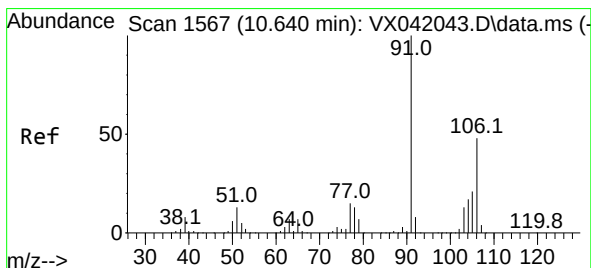
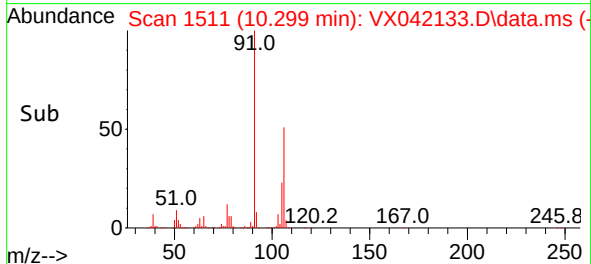
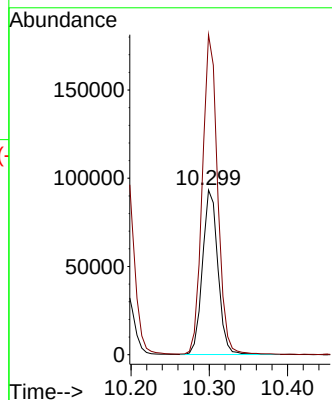
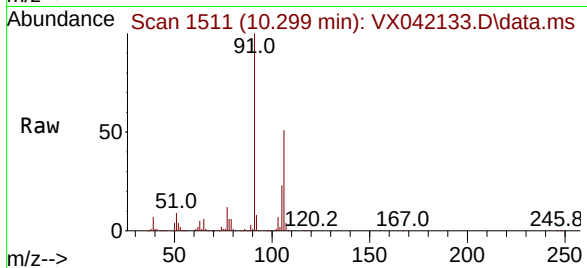
MW6-20240626DL

Tgt Ion:106 Resp: 127518

Ion Ratio Lower Upper

106 100

91 193.0 165.5 248.3



#69

o-Xylene

Concen: 30.595 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042133.D

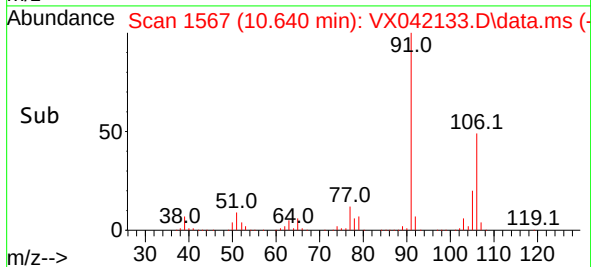
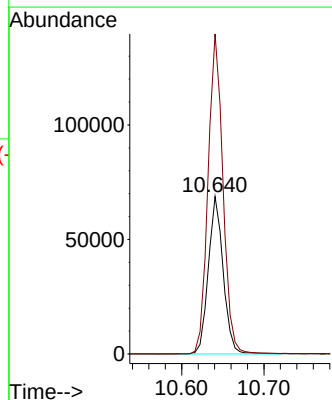
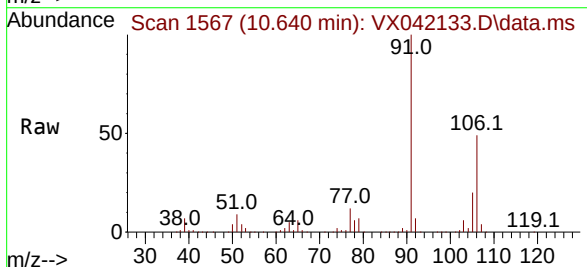
Acq: 02 Jul 2024 12:38

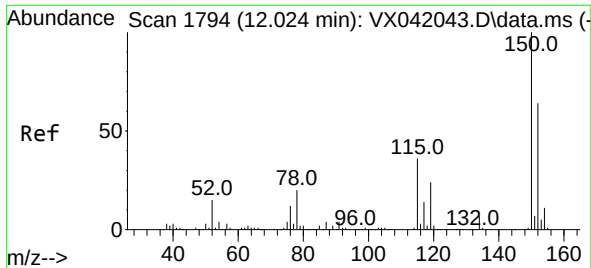
Tgt Ion:106 Resp: 86127

Ion Ratio Lower Upper

106 100

91 204.3 108.9 326.8

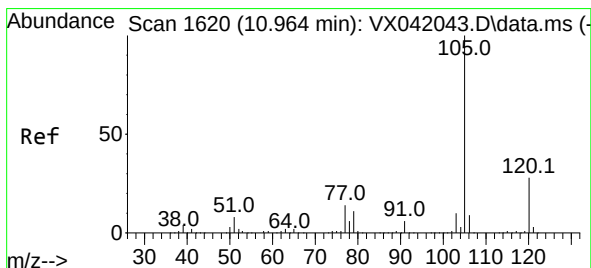
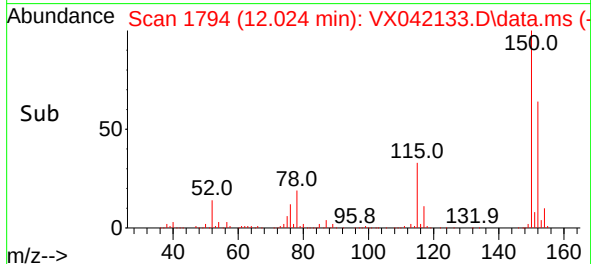
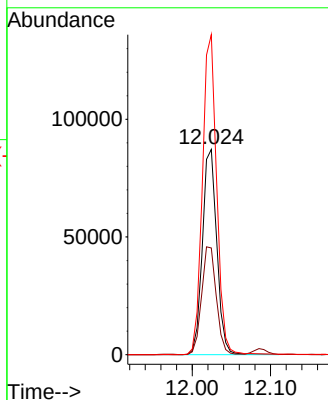
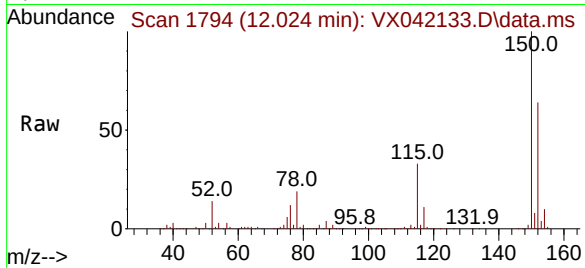




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042133.D
 Acq: 02 Jul 2024 12:38

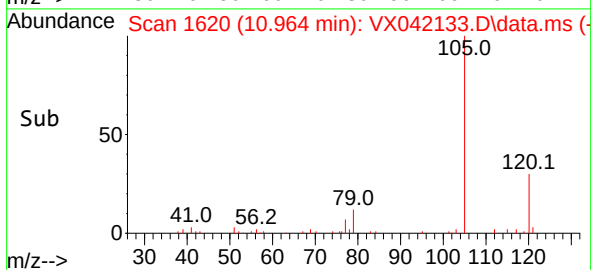
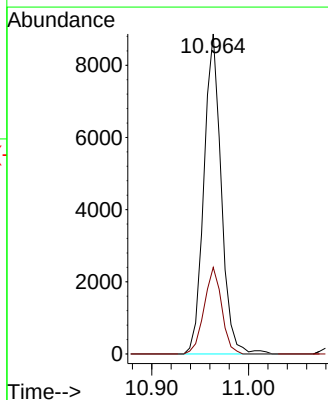
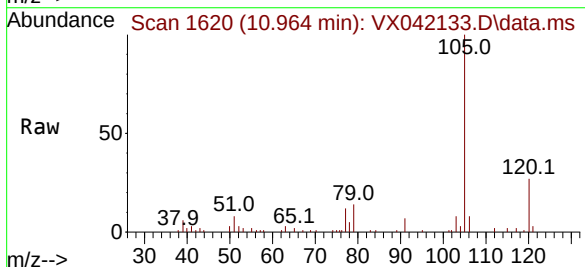
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-20240626DL

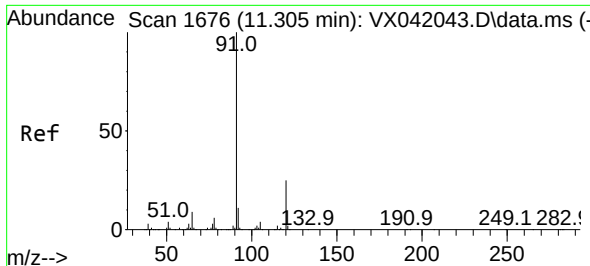
Tgt Ion:152 Resp: 111331
 Ion Ratio Lower Upper
 152 100
 115 53.5 43.3 129.9
 150 154.2 0.0 345.0



#73
 Isopropylbenzene
 Concen: 1.638 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX042133.D
 Acq: 02 Jul 2024 12:38

Tgt Ion:105 Resp: 11089
 Ion Ratio Lower Upper
 105 100
 120 27.3 12.9 38.6

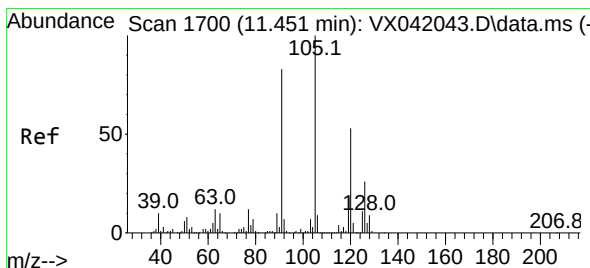
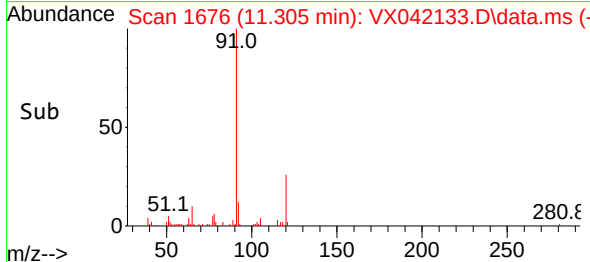
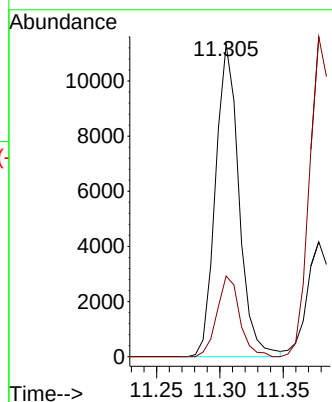
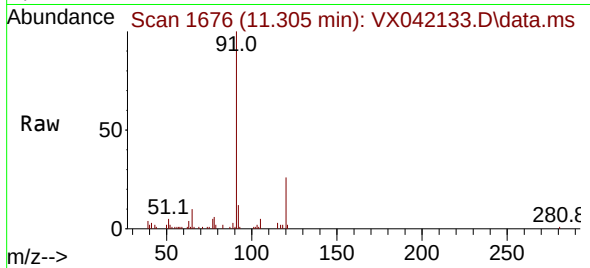




#78
n-propylbenzene
Concen: 1.985 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

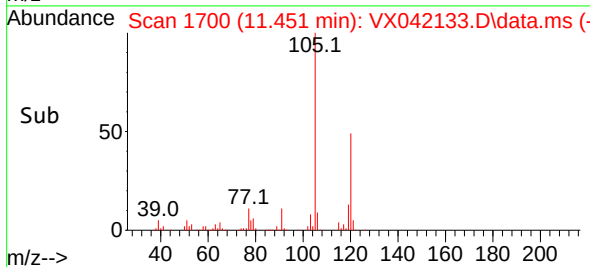
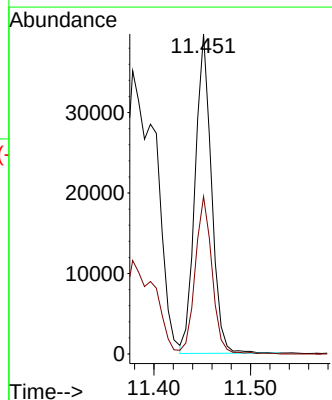
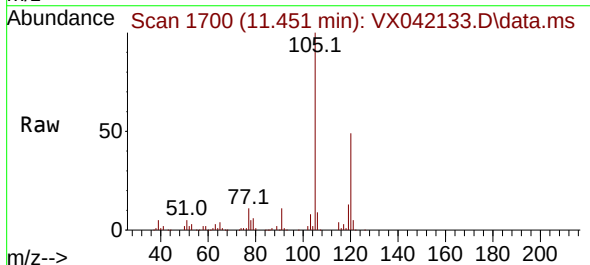
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626DL

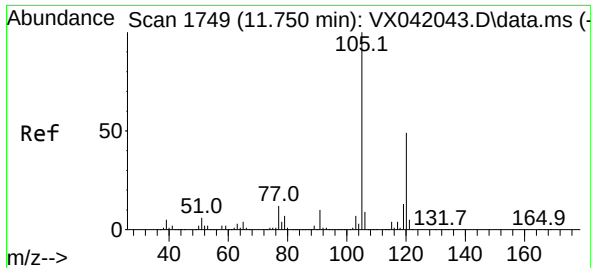
Tgt Ion: 91 Resp: 14583
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 8.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042133.D
Acq: 02 Jul 2024 12:38

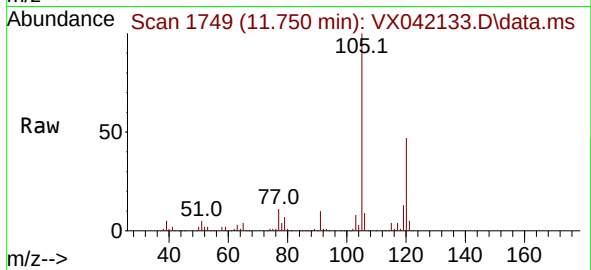
Tgt Ion: 105 Resp: 46698
Ion Ratio Lower Upper
105 100
120 50.7 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 35.959 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042133.D
 Acq: 02 Jul 2024 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-20240626DL



Tgt Ion:105 Resp: 203413
 Ion Ratio Lower Upper
 105 100
 120 47.6 21.2 63.6

