

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042167.D
 Acq On : 03 Jul 2024 16:22
 Operator : JC/MD
 Sample : P3119-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-20240627

Quant Time: Jul 04 07:28:02 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)

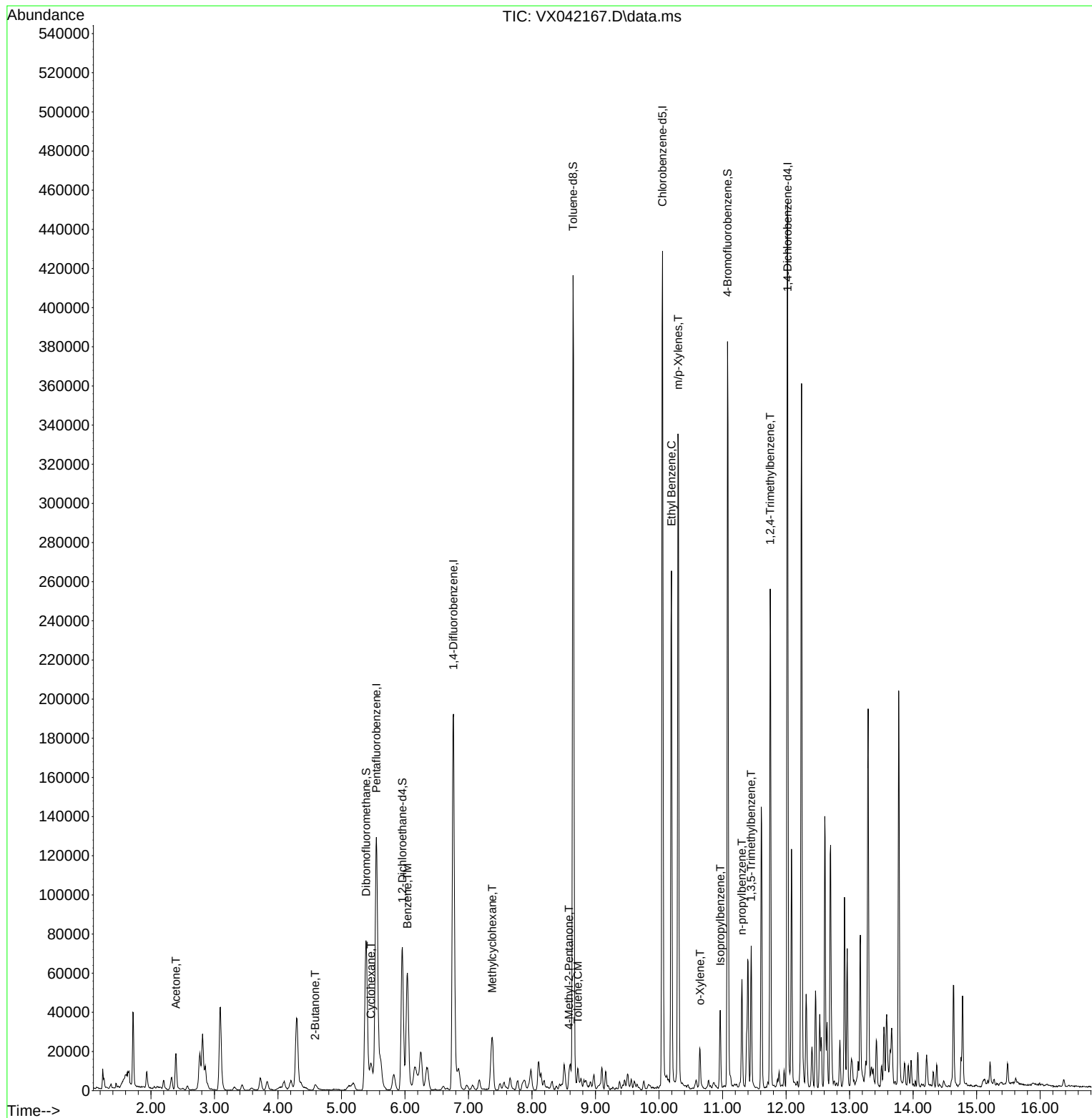
Internal Standards						
1) Pentafluorobenzene	5.550	168	143729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69460	41.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.820%
35) Dibromofluoromethane	5.385	113	67398	43.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.600%
50) Toluene-d8	8.647	98	259596	47.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.079	95	100483	49.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.700%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	22262	30.590	ug/l	# 88
25) 2-Butanone	4.586	43	6940	6.130	ug/l	93
31) Cyclohexane	5.464	56	9413	4.856	ug/l	# 87
39) Methylcyclohexane	7.373	83	11846	5.667	ug/l	94
40) Benzene	6.037	78	78754	14.127	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	4117	1.808	ug/l	94
52) Toluene	8.720	92	4206	1.185	ug/l	96
67) Ethyl Benzene	10.195	91	157576	22.163	ug/l	96
68) m/p-Xylenes	10.299	106	85498	29.790	ug/l	91
69) o-Xylene	10.646	106	5069	1.784	ug/l	97
73) Isopropylbenzene	10.963	105	21004	3.181	ug/l	94
78) n-propylbenzene	11.305	91	33807	4.718	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	31008	5.637	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	116908	21.185	ug/l	92

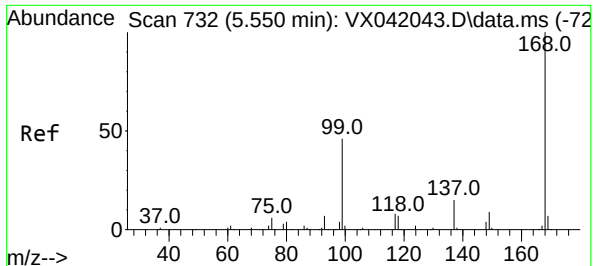
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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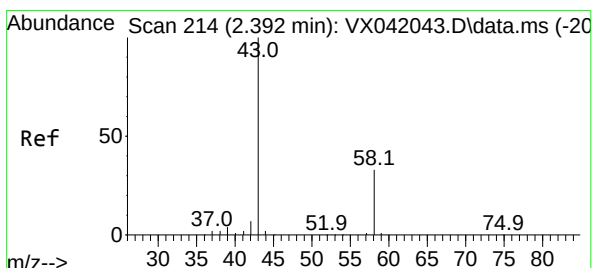
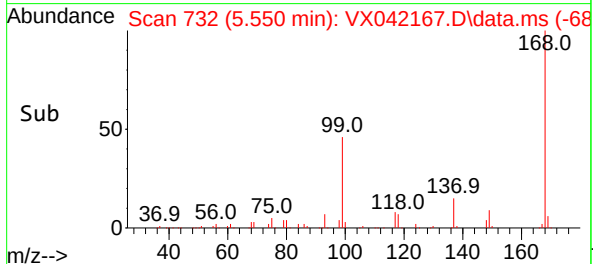
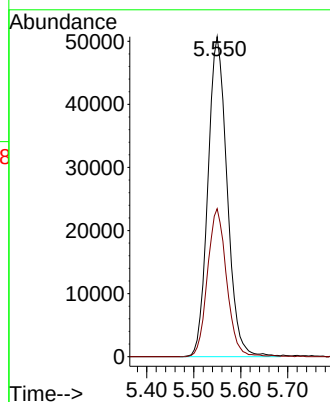
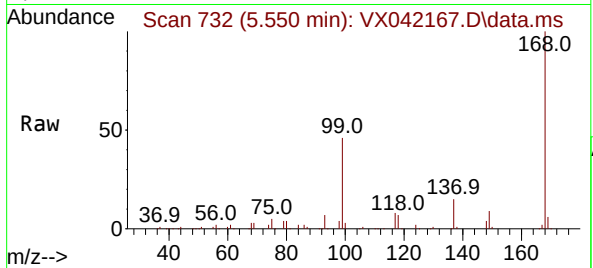




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

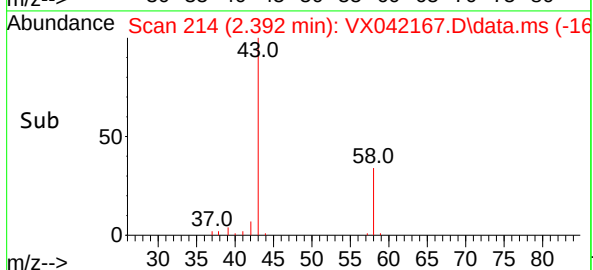
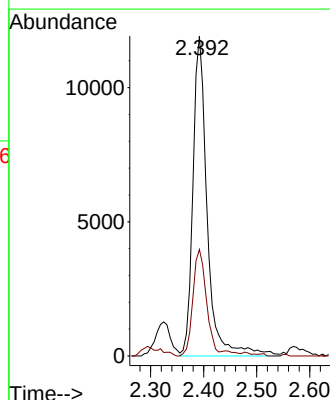
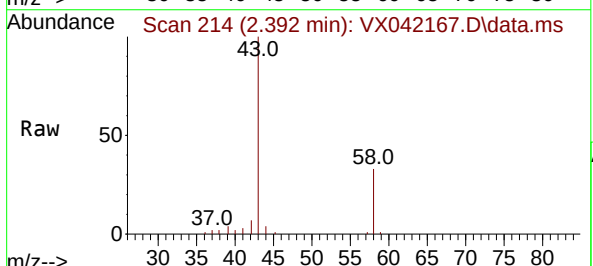
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

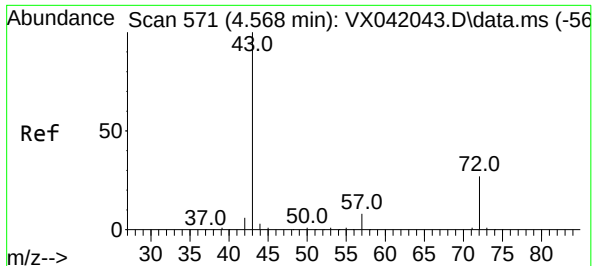
Tgt Ion:168 Resp: 143729
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#16
Acetone
Concen: 30.590 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 43 Resp: 22262
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

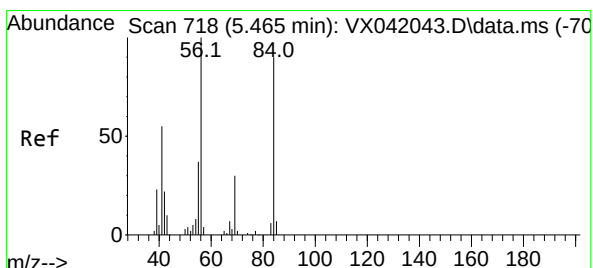
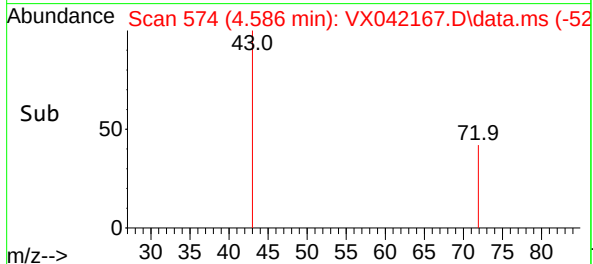
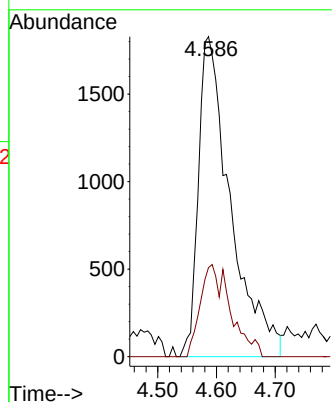
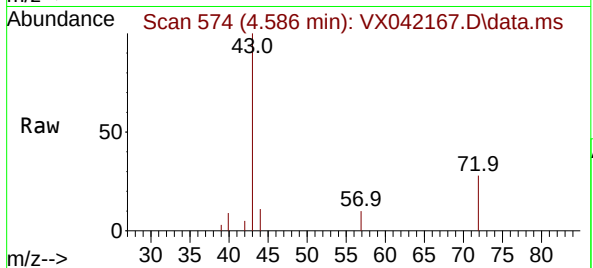




#25
2-Butanone
Concen: 6.130 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.012 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

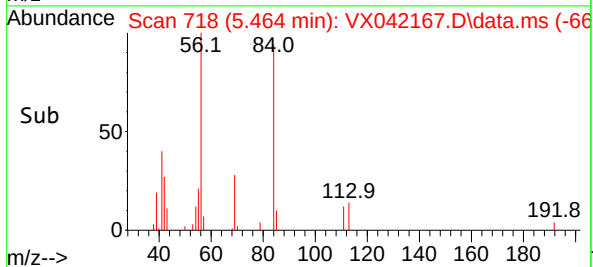
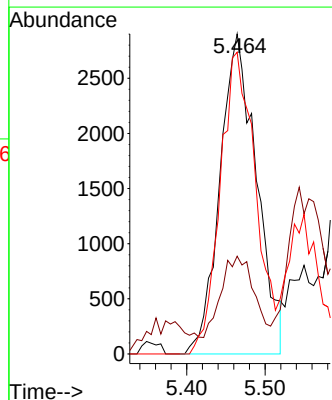
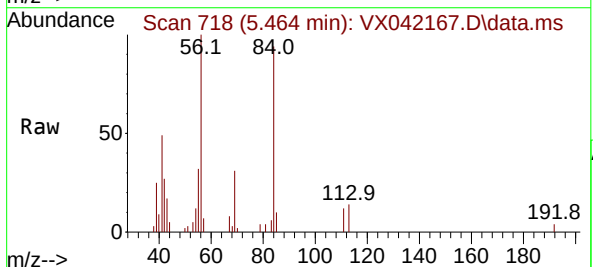
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

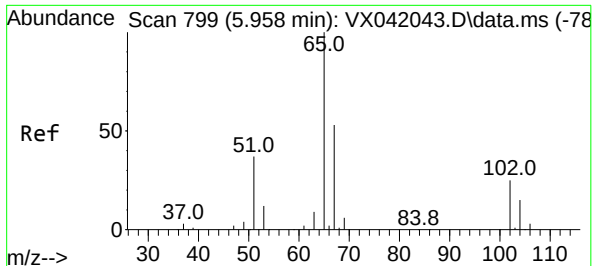
Tgt Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2



#31
Cyclohexane
Concen: 4.856 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 56 Resp: 9413
Ion Ratio Lower Upper
56 100
69 22.1 23.4 35.2#
84 94.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 41.910 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042167.D

Acq: 03 Jul 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

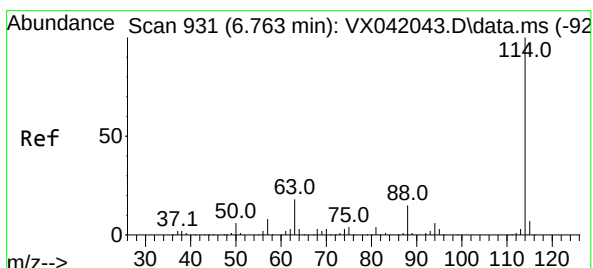
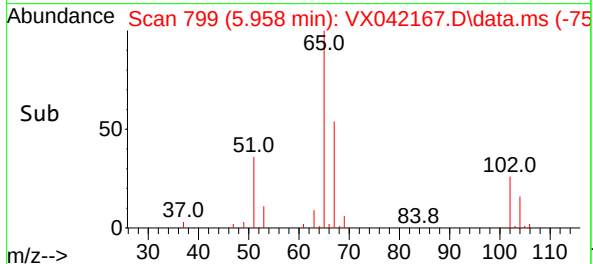
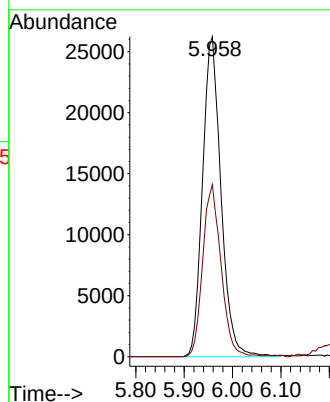
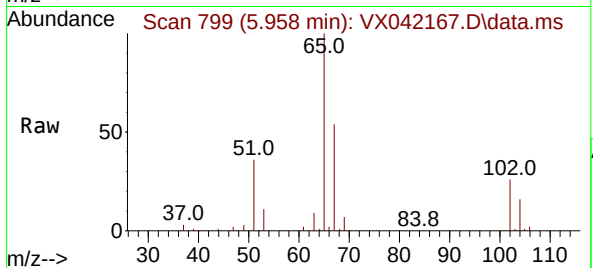
MW2-20240627

Tgt Ion: 65 Resp: 69460

Ion Ratio Lower Upper

65 100

67 53.4 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: VX042167.D

Acq: 03 Jul 2024 16:22

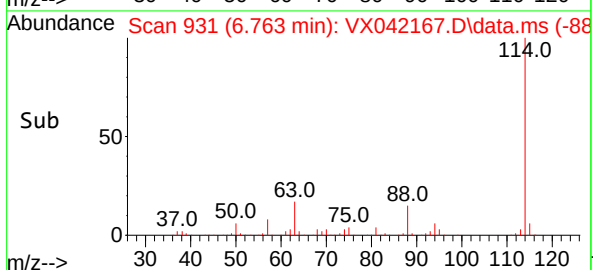
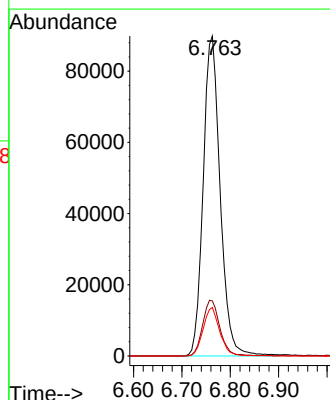
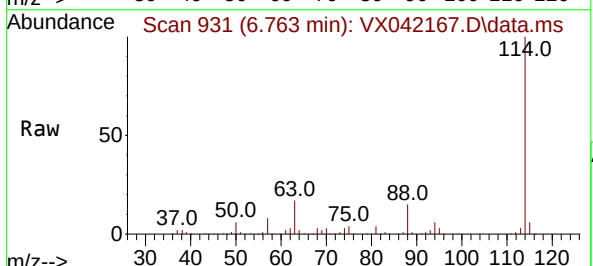
Tgt Ion: 114 Resp: 219365

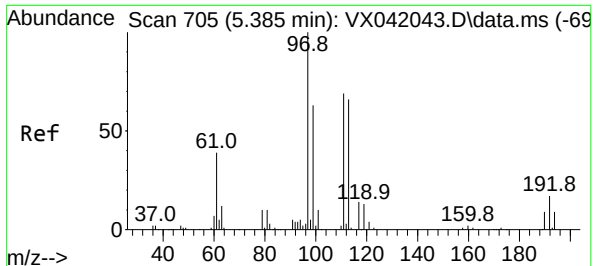
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 15.2 0.0 36.6

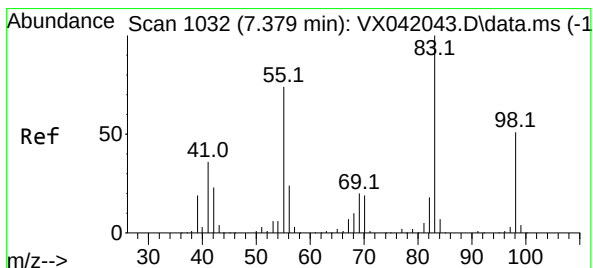
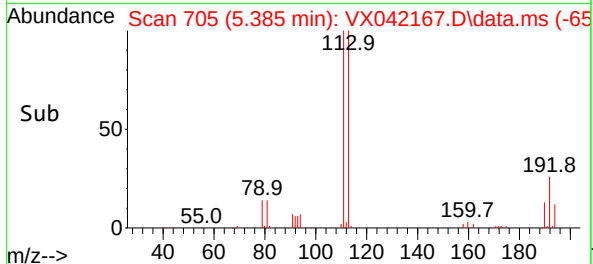
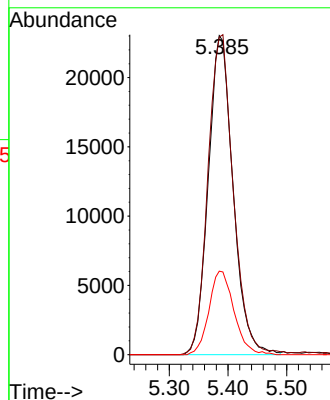
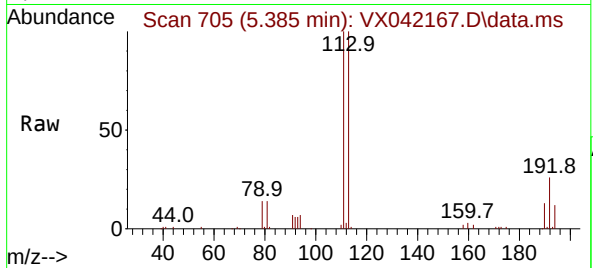




#35
Dibromofluoromethane
Concen: 43.301 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

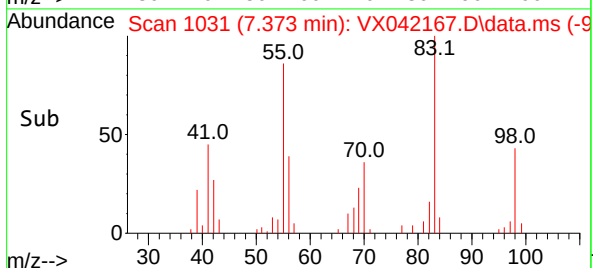
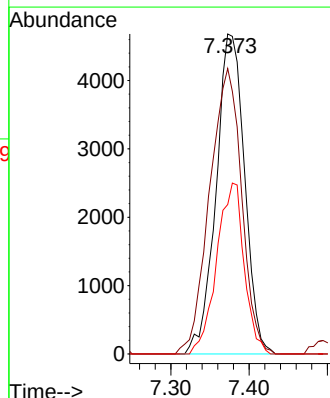
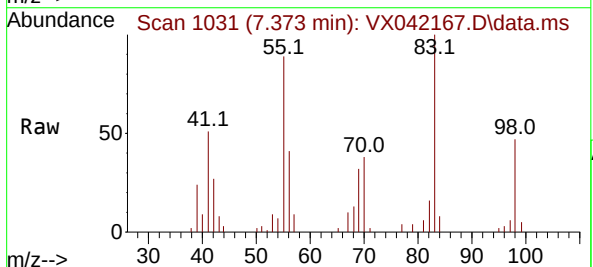
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

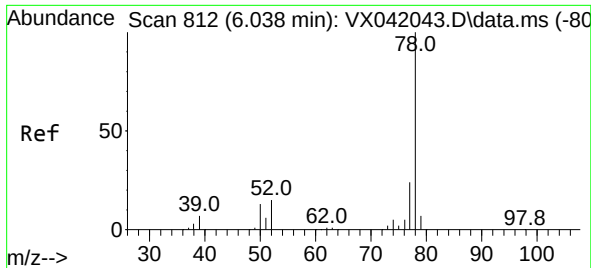
Tgt Ion:113 Resp: 67398
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 26.5 13.3 19.9#



#39
Methylcyclohexane
Concen: 5.667 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 83 Resp: 11846
Ion Ratio Lower Upper
83 100
55 89.2 64.6 97.0
98 46.7 36.7 55.1

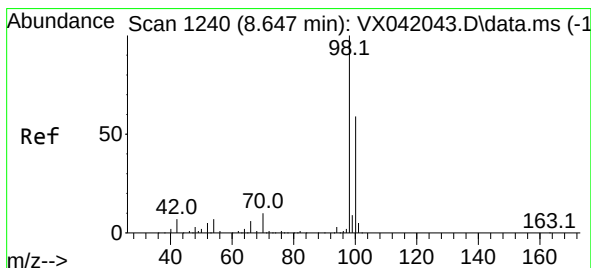
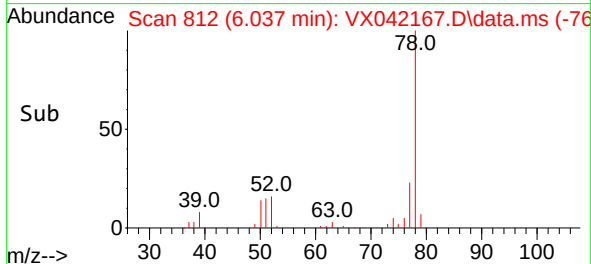
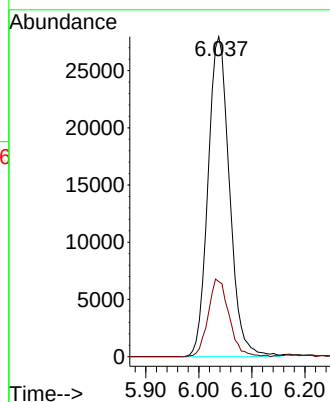
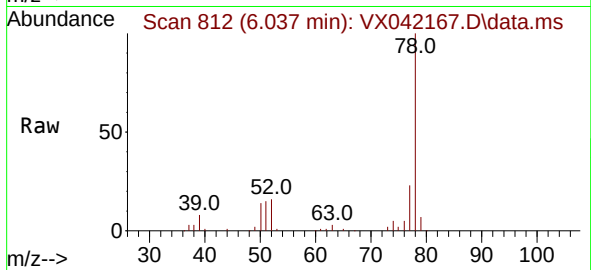




#40
Benzene
Concen: 14.127 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

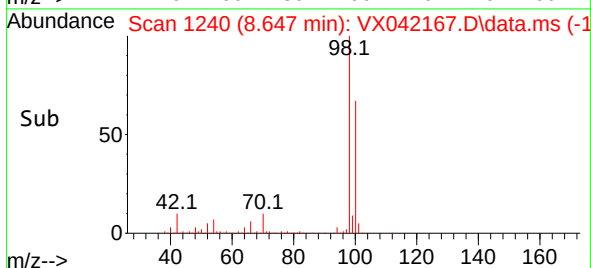
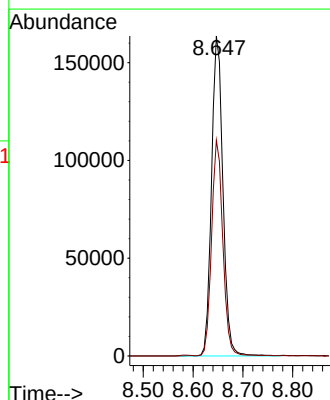
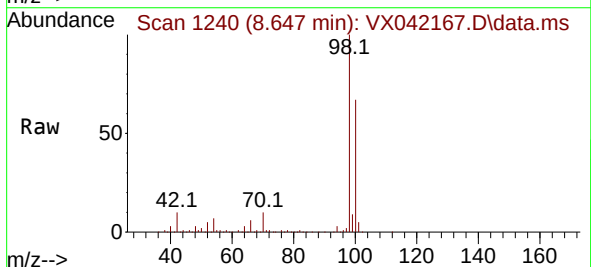
Instrument :
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ClientSampleId :
MW2-20240627

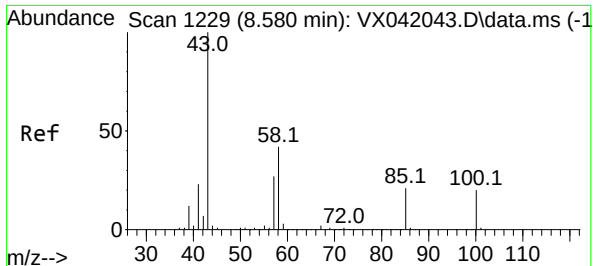
Tgt Ion: 78 Resp: 78754
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



#50
Toluene-d8
Concen: 47.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 98 Resp: 259596
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

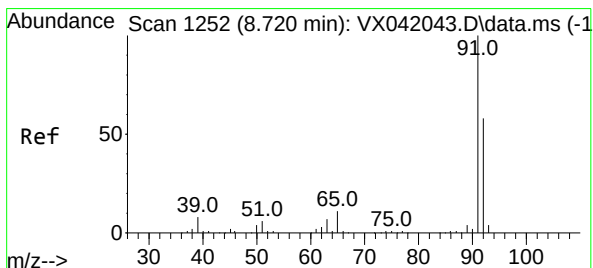
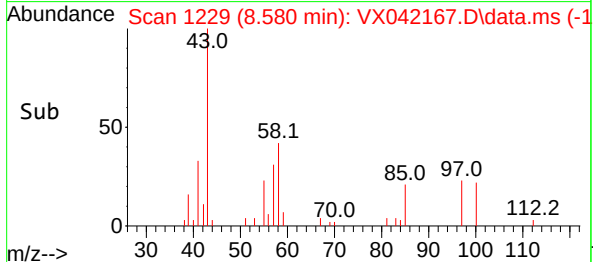
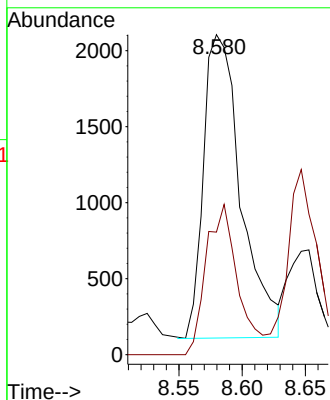
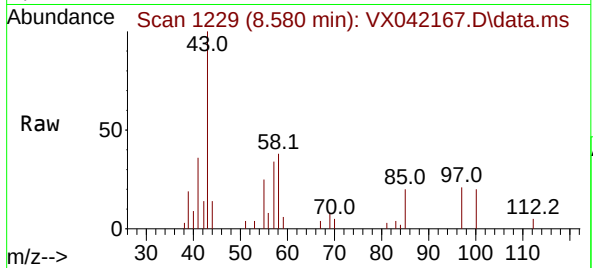




#51
4-Methyl-2-Pentanone
Concen: 1.808 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

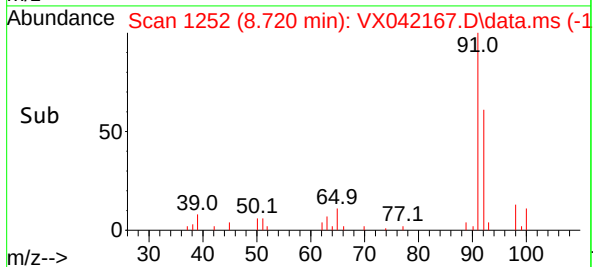
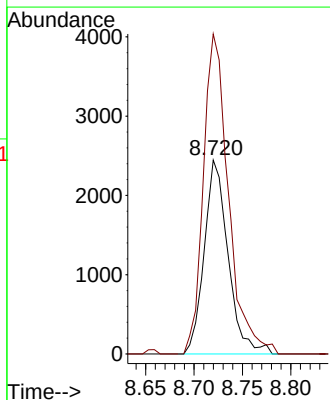
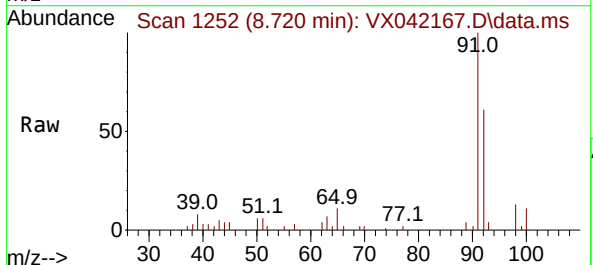
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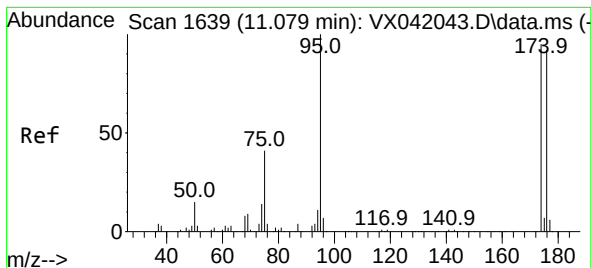
Tgt Ion: 43 Resp: 4117
Ion Ratio Lower Upper
43 100
58 41.7 30.4 45.6



#52
Toluene
Concen: 1.185 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 92 Resp: 4206
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2

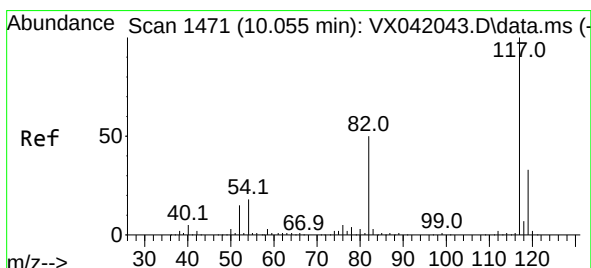
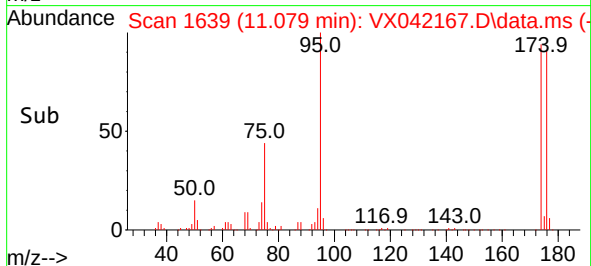
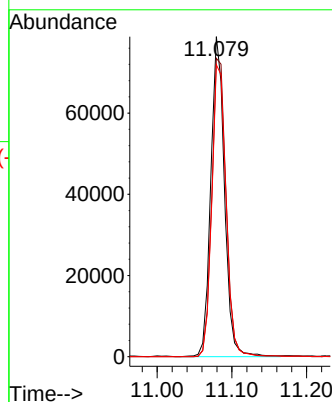
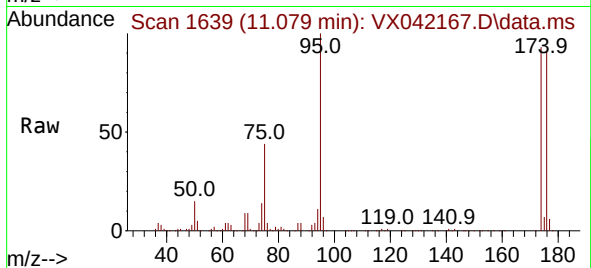




#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

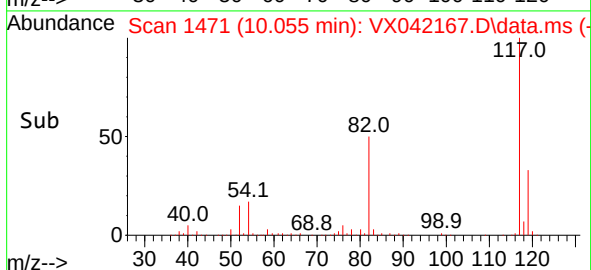
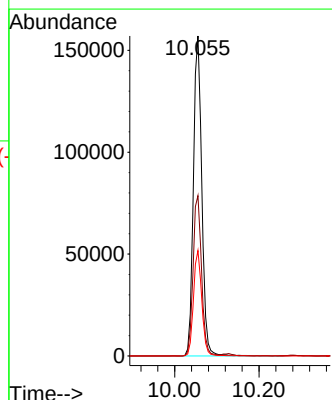
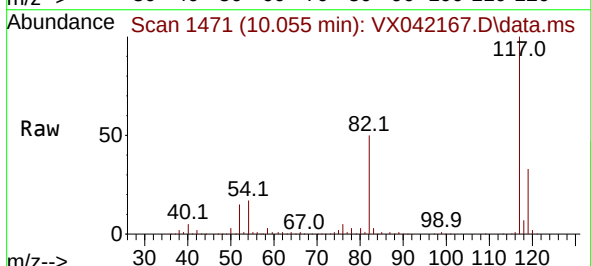
Instrument :
MSVOA_X
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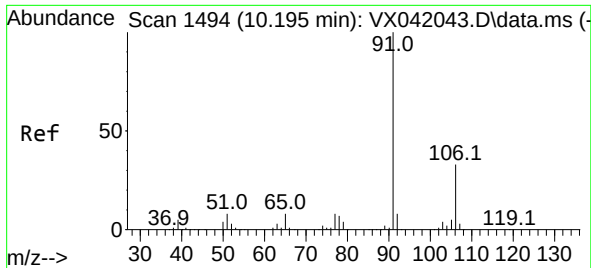
Tgt Ion: 95 Resp: 100483
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 117 Resp: 218137
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 33.0 25.5 38.3

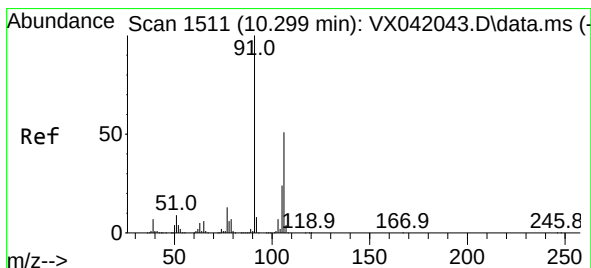
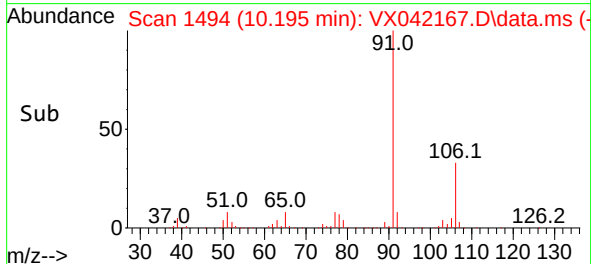
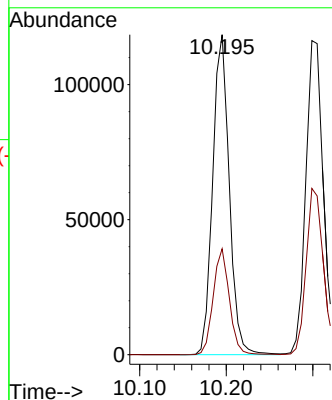
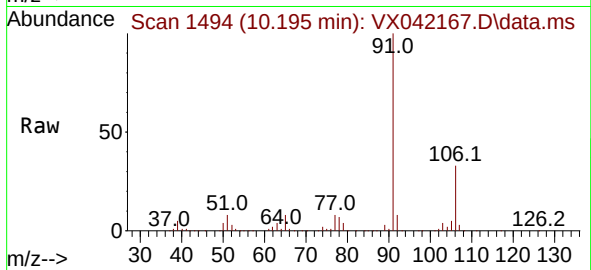




#67
Ethyl Benzene
Concen: 22.163 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

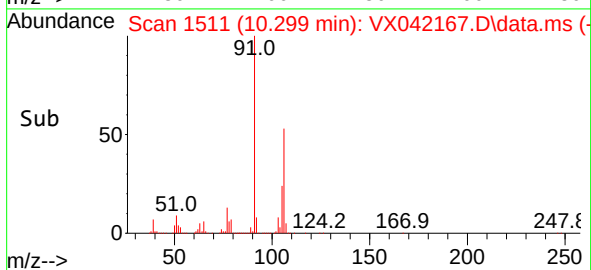
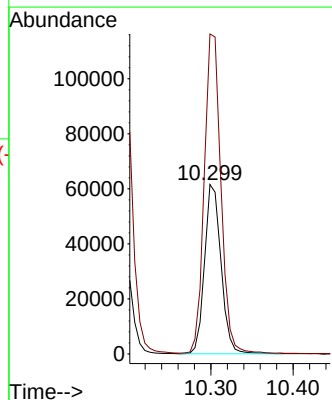
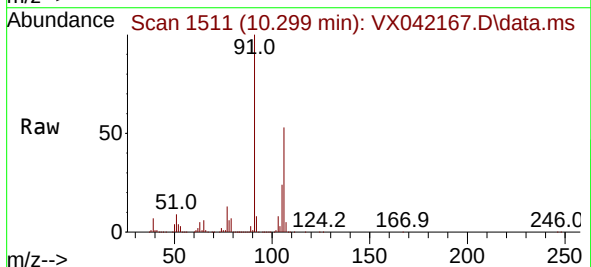
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

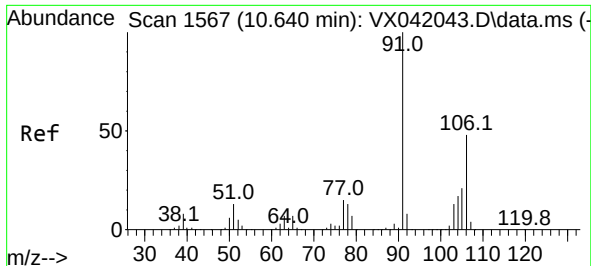
Tgt Ion: 91 Resp: 157576
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 29.790 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion: 106 Resp: 85498
Ion Ratio Lower Upper
106 100
91 192.4 165.5 248.3

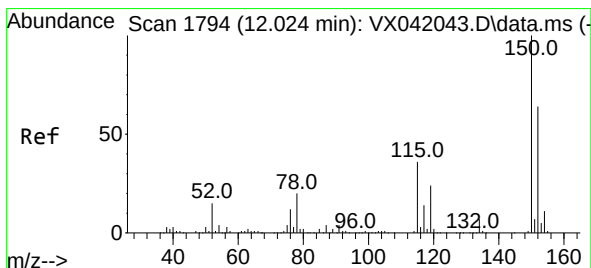
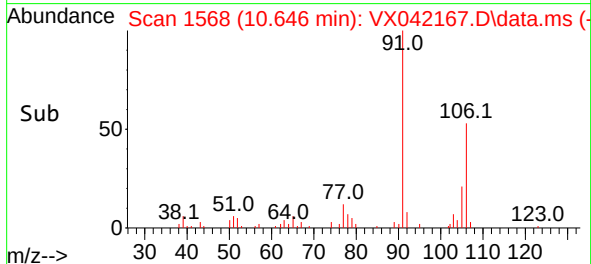
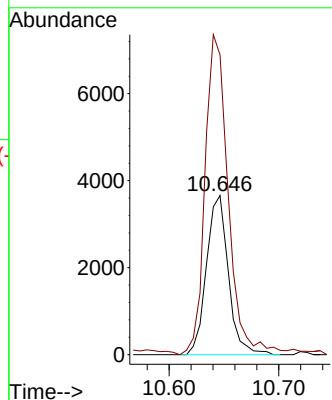
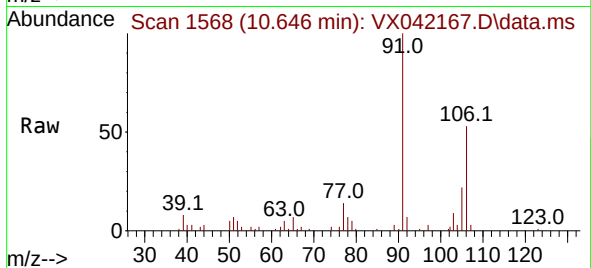




#69
o-Xylene
Concen: 1.784 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

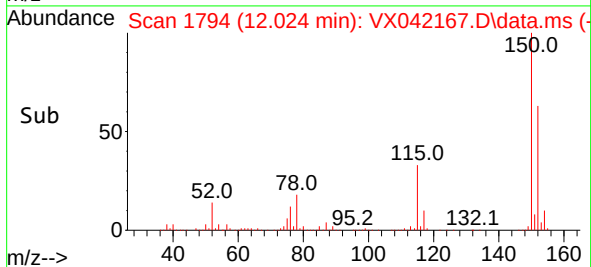
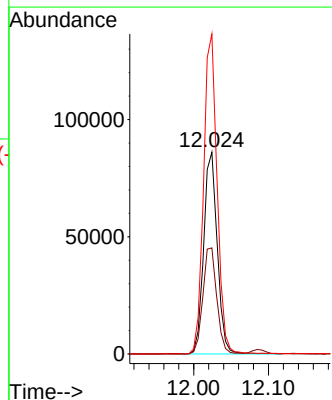
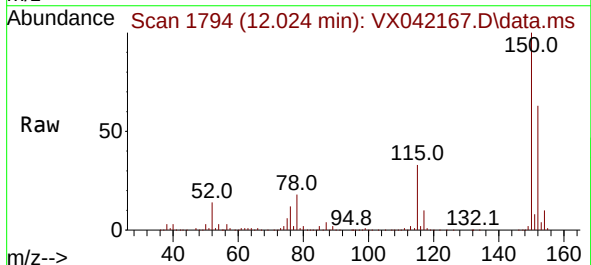
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

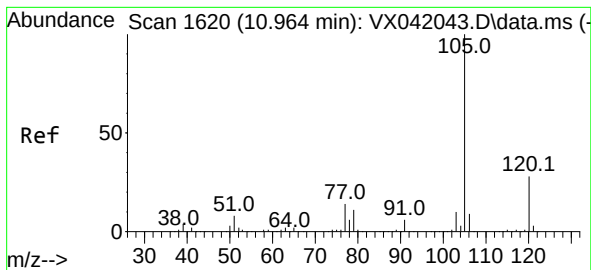
Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042167.D
Acq: 03 Jul 2024 16:22

Tgt Ion:152 Resp: 108606
Ion Ratio Lower Upper
152 100
115 54.0 43.3 129.9
150 158.2 0.0 345.0





#73

Isopropylbenzene

Concen: 3.181 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042167.D

Acq: 03 Jul 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

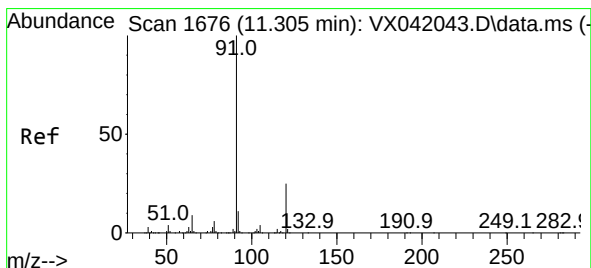
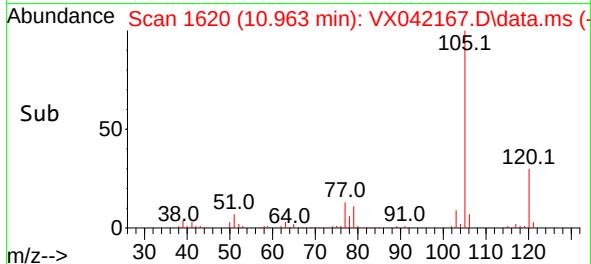
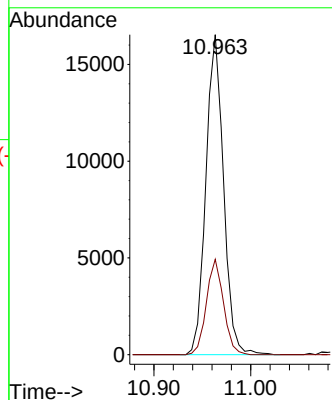
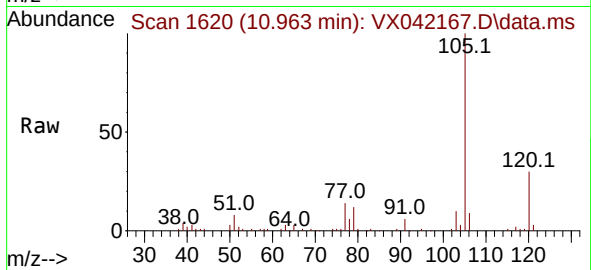
MW2-20240627

Tgt Ion:105 Resp: 21004

Ion Ratio Lower Upper

105 100

120 28.9 12.9 38.6



#78

n-propylbenzene

Concen: 4.718 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042167.D

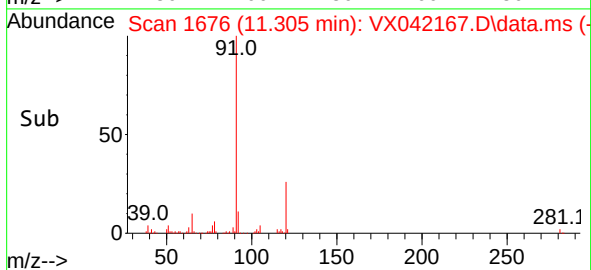
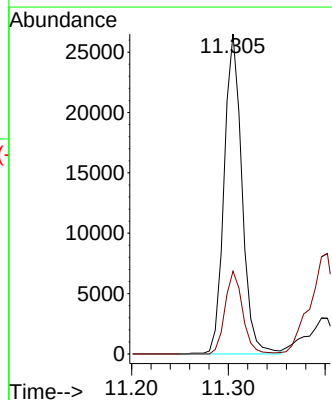
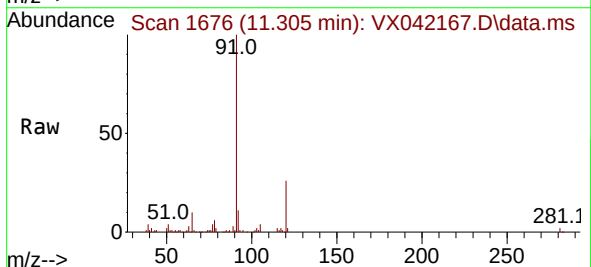
Acq: 03 Jul 2024 16:22

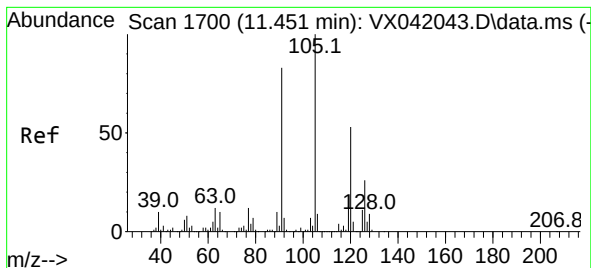
Tgt Ion: 91 Resp: 33807

Ion Ratio Lower Upper

91 100

120 25.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 5.637 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042167.D

Acq: 03 Jul 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

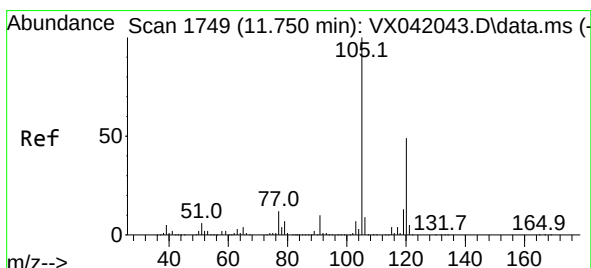
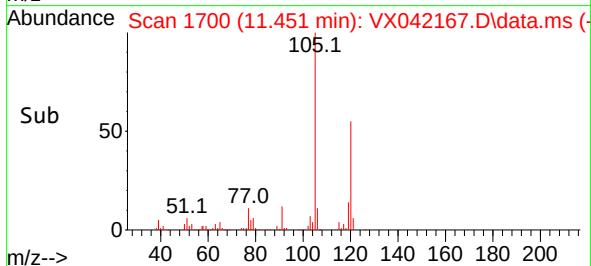
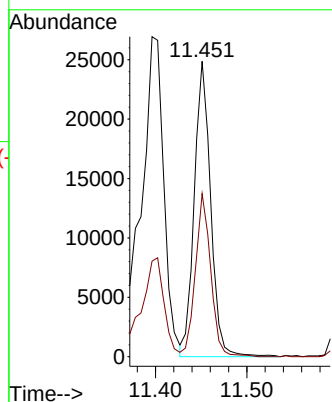
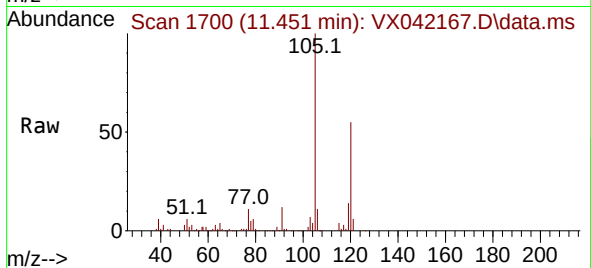
MW2-20240627

Tgt Ion:105 Resp: 31008

Ion Ratio Lower Upper

105 100

120 51.8 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 21.185 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042167.D

Acq: 03 Jul 2024 16:22

Tgt Ion:105 Resp: 116908

Ion Ratio Lower Upper

105 100

120 47.3 21.2 63.6

