

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036664.D
 Acq On : 25 Jul 2023 19:35
 Operator : JC/MD
 Sample : 03750-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jul 26 06:29:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

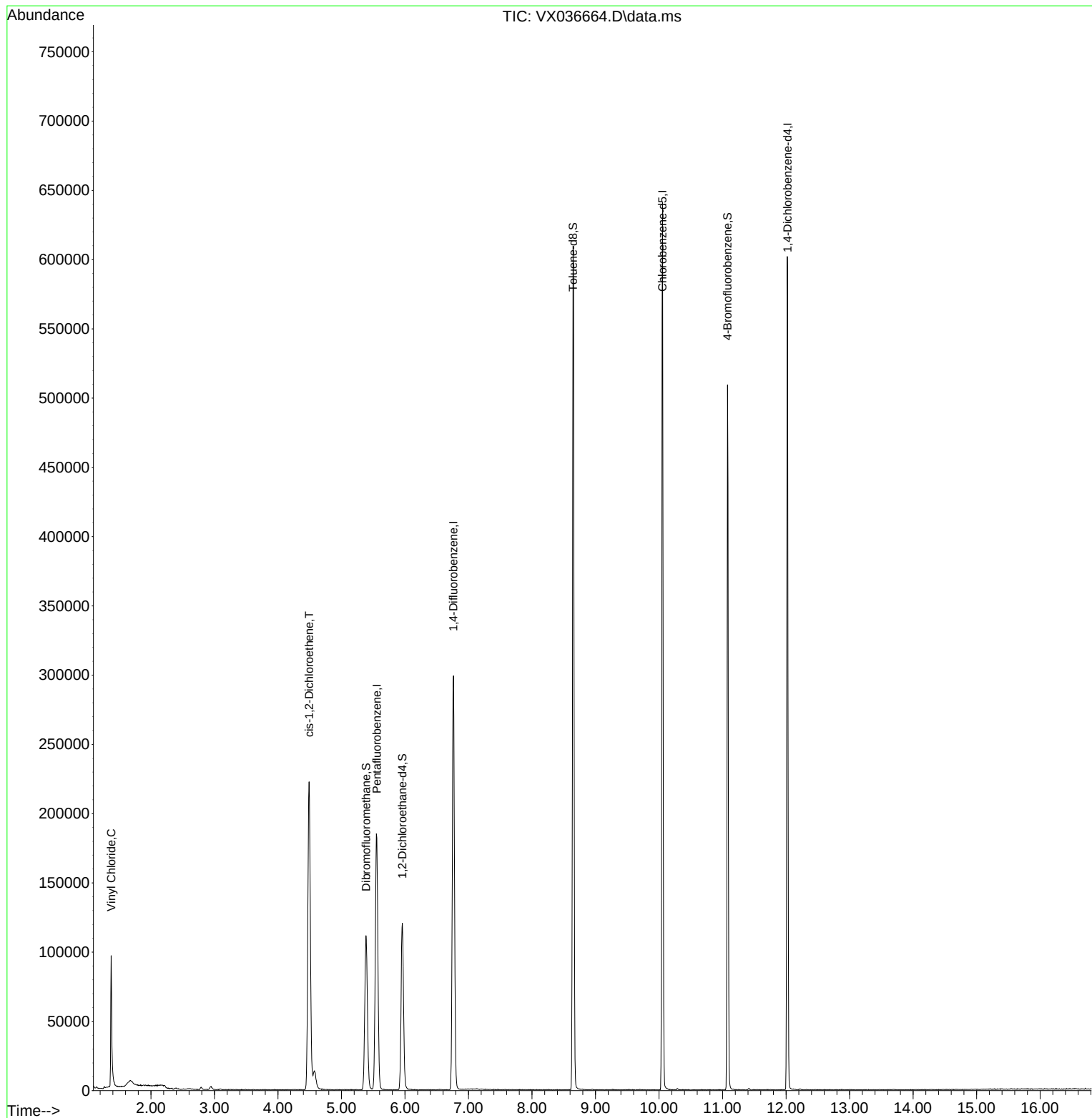
Internal Standards						
1) Pentafluorobenzene	5.556	168	171953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115786	45.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.020%
35) Dibromofluoromethane	5.385	113	98239	46.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.647	98	366494	48.961	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	136188	48.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.440%
Target Compounds						
4) Vinyl Chloride	1.374	62	70126	33.337	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	143361	56.089	ug/l	83

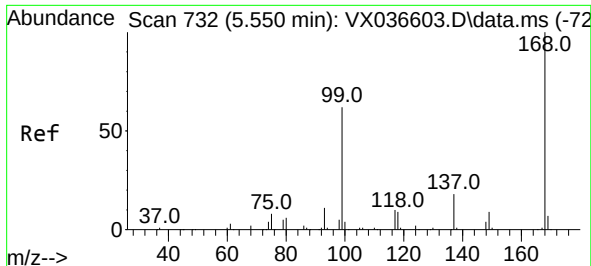
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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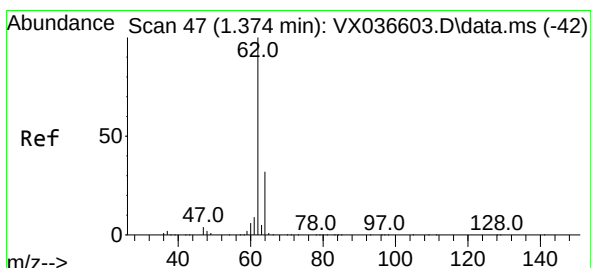
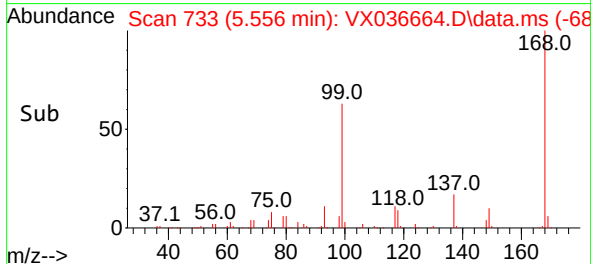
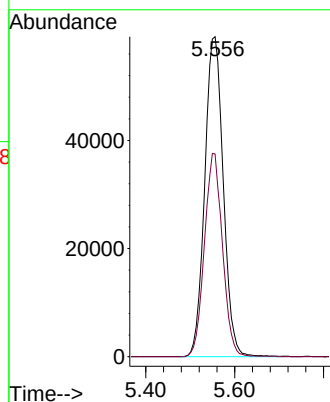
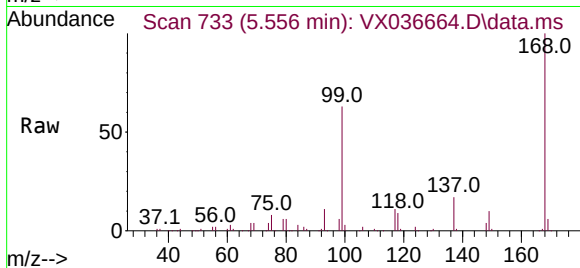
MW-22

Tgt Ion:168 Resp: 171953

Ion Ratio Lower Upper

168 100

99 63.3 56.6 85.0



#4

Vinyl Chloride

Concen: 33.337 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036664.D

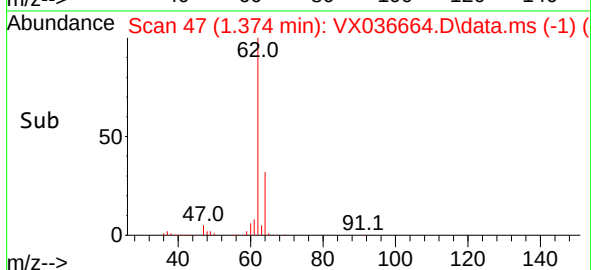
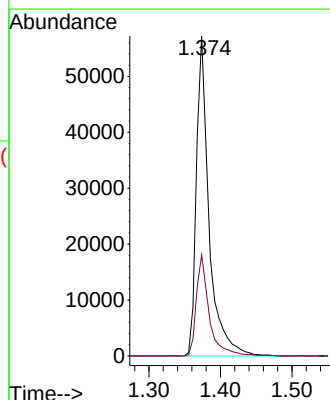
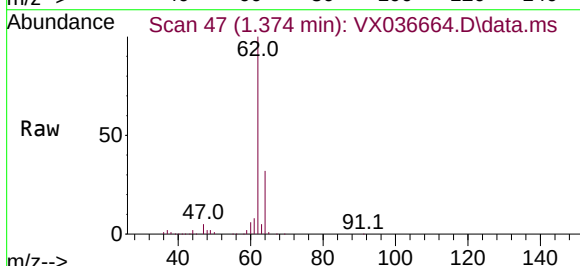
Acq: 25 Jul 2023 19:35

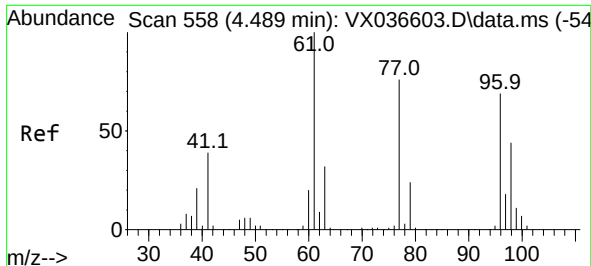
Tgt Ion: 62 Resp: 70126

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 56.089 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036664.D

Acq: 25 Jul 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-22

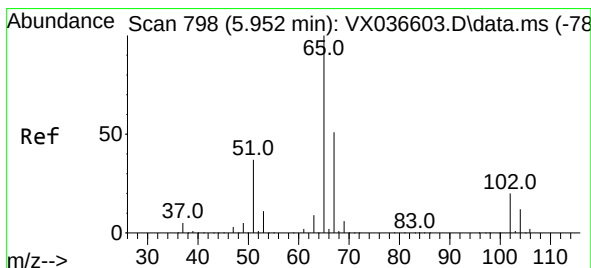
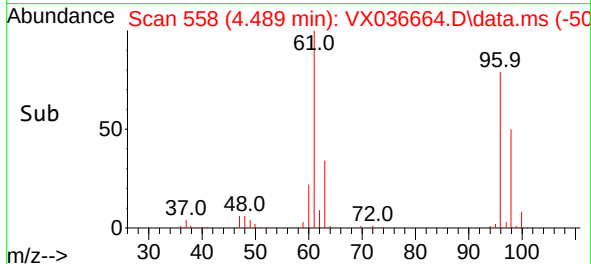
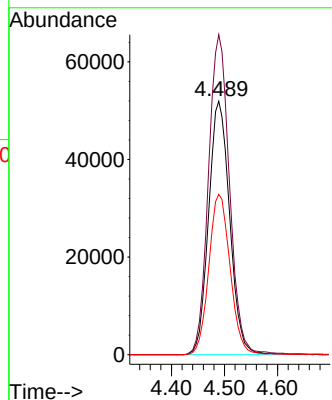
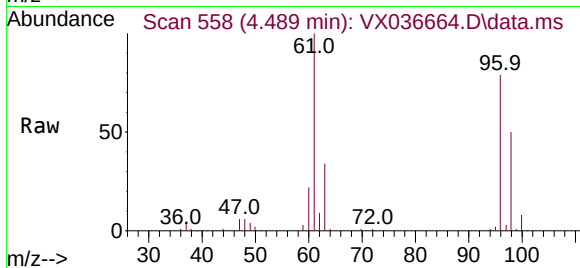
Tgt Ion: 96 Resp: 143361

Ion Ratio Lower Upper

96 100

61 126.1 0.0 312.2

98 64.0 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 45.508 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036664.D

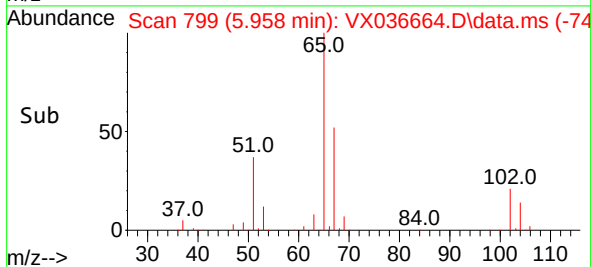
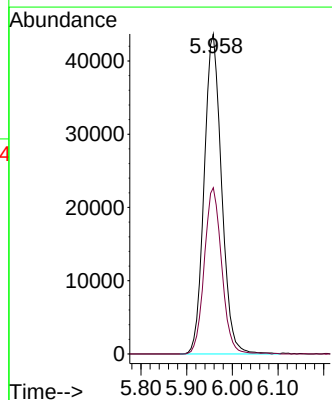
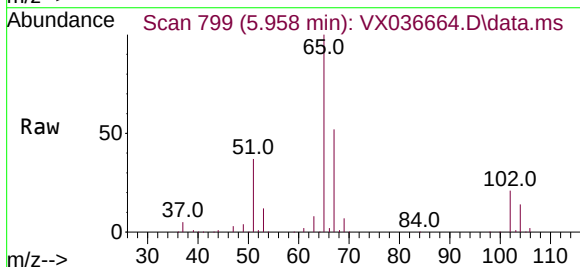
Acq: 25 Jul 2023 19:35

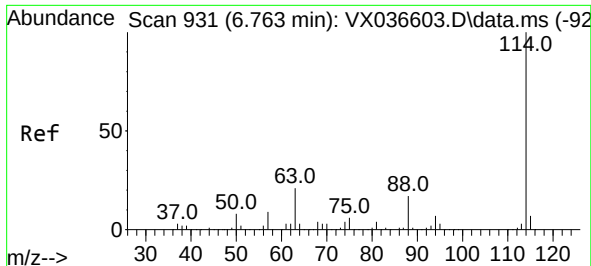
Tgt Ion: 65 Resp: 115786

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

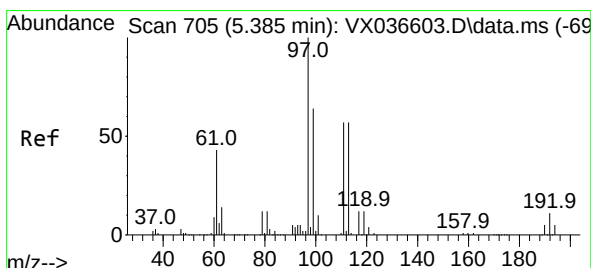
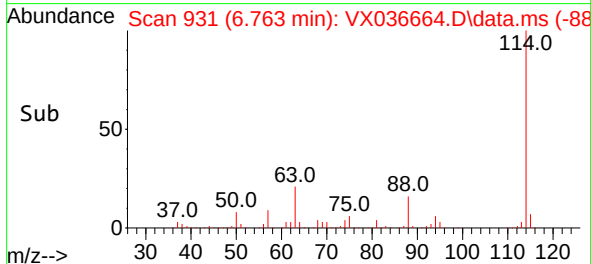
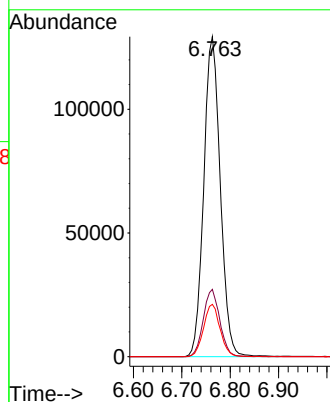
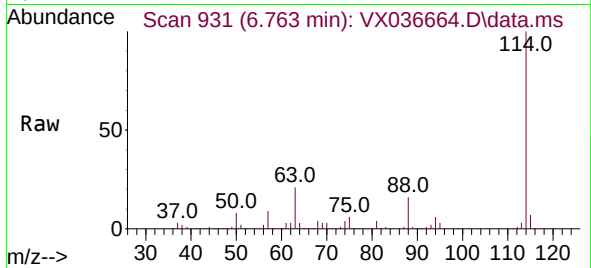




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

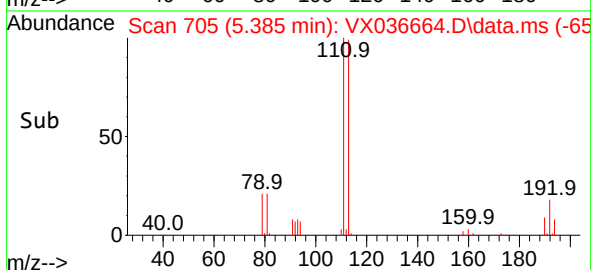
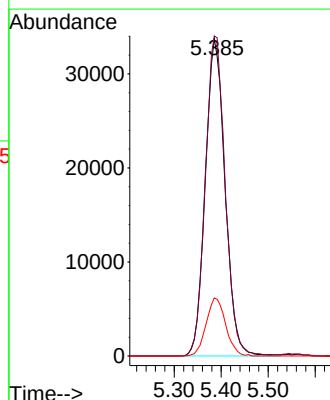
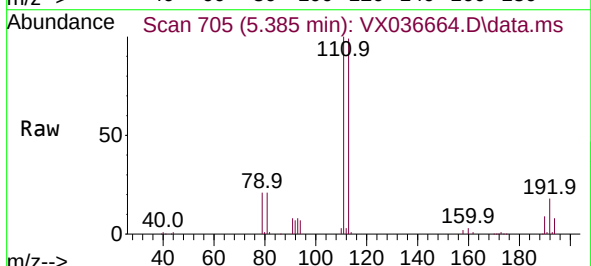
Instrument :
MSVOA_X
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MW-22

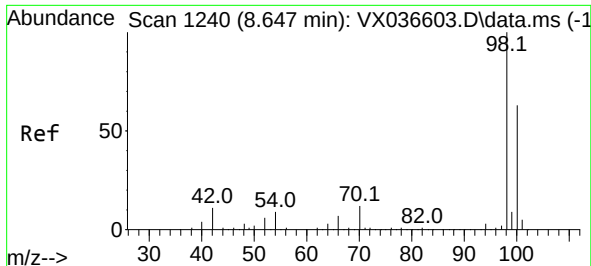
Tgt Ion:114 Resp: 307097
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion:113 Resp: 98239
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.1 13.3 19.9

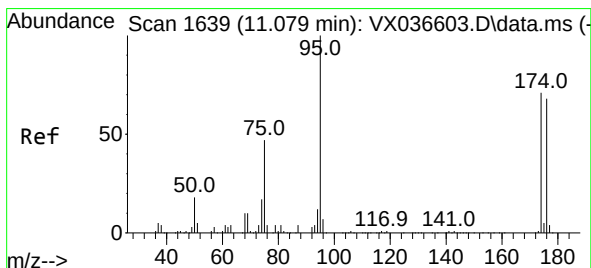
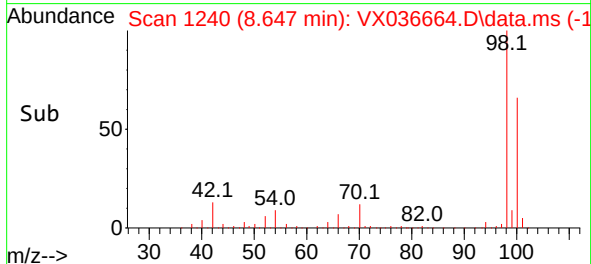
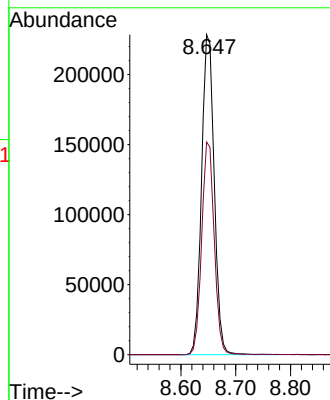
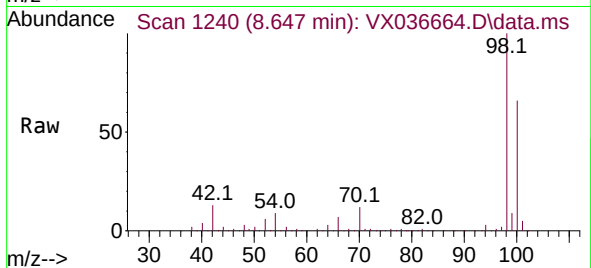




#50
Toluene-d8
Concen: 48.961 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

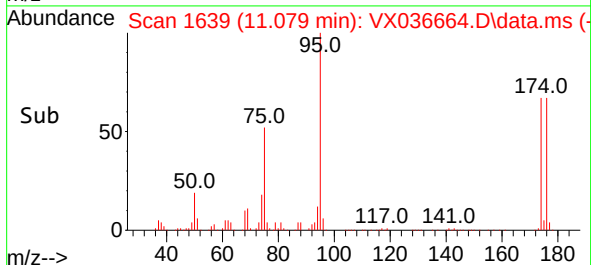
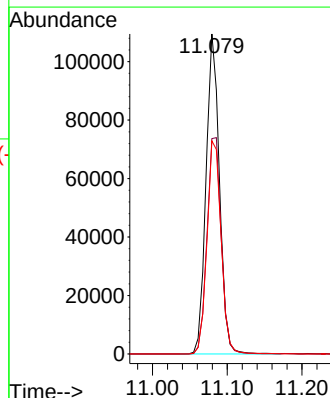
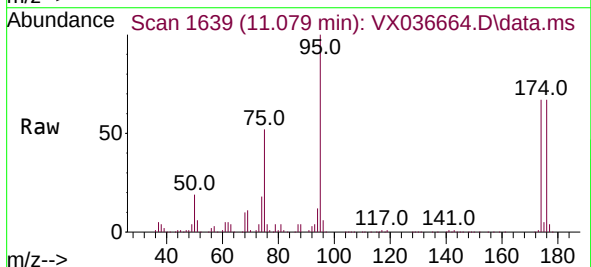
Instrument :
MSVOA_X
ClientSampleId :
MW-22

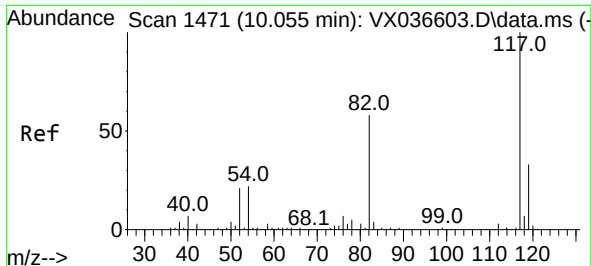
Tgt Ion: 98 Resp: 366494
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 95 Resp: 136188
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 70.1 0.0 131.0

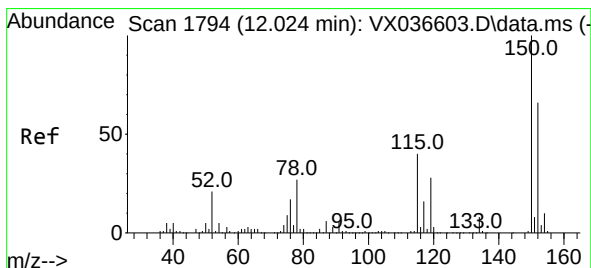
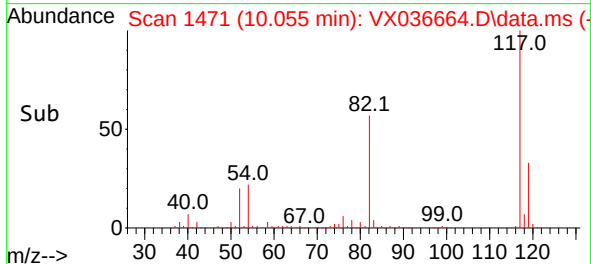
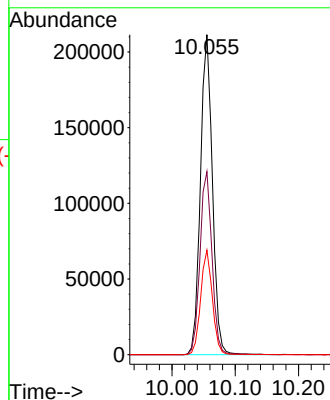
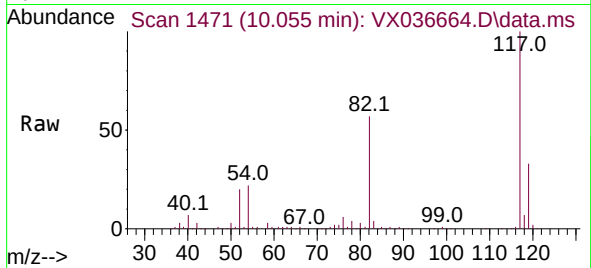




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion:117 Resp: 278744
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion:152 Resp: 121179
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.0 0.0 345.0

