

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
 Data File : VX043098.D
 Acq On : 23 Aug 2024 14:30
 Operator : JC/MD
 Sample : P3706-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-10.5-082024

Quant Time: Aug 24 00:47:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 08:42:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	231968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	181678	47.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	5.385	113	143042	46.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	559376	50.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	181360	46.579	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.160%

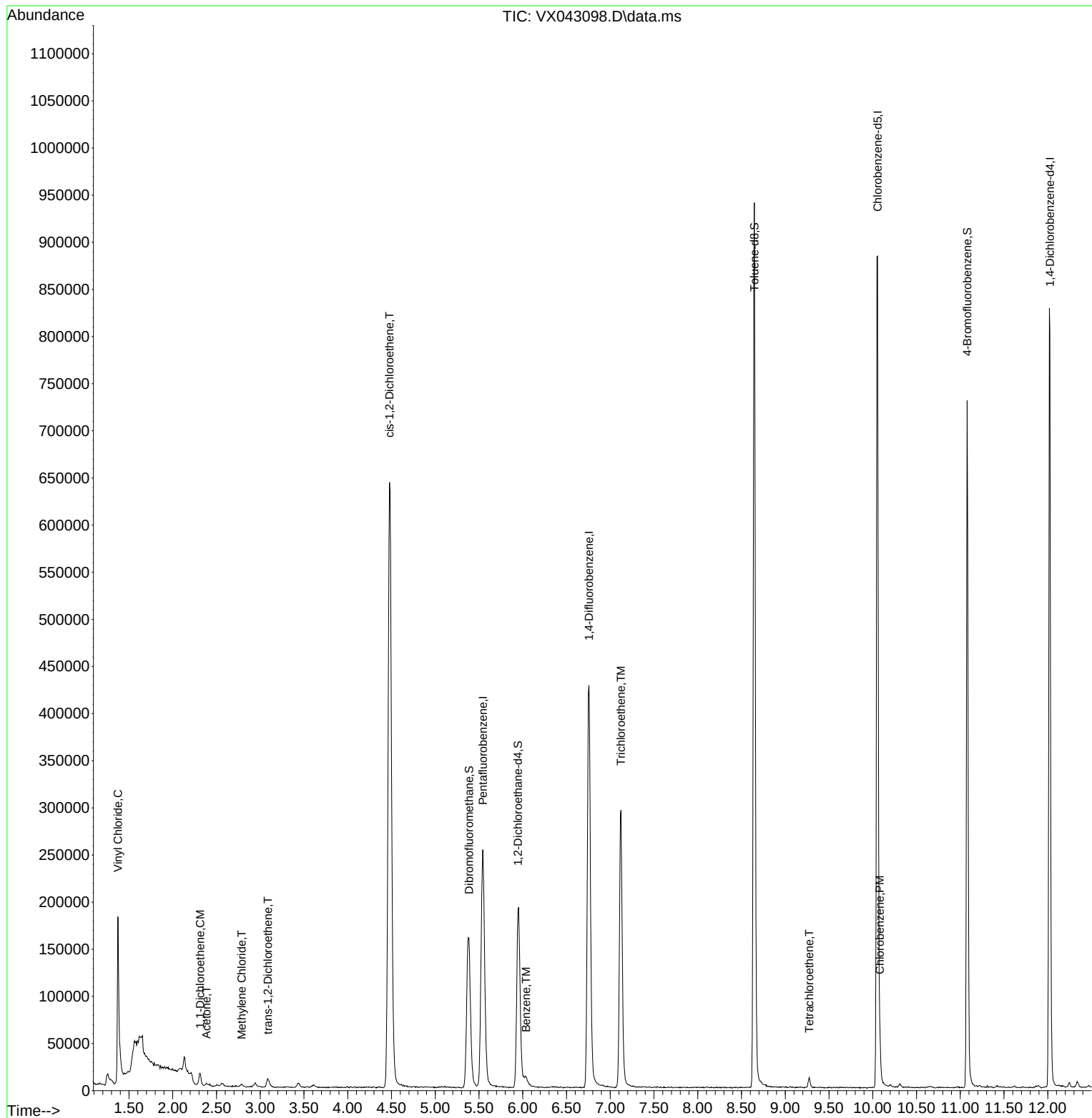
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	133531	40.536	ug/l	98
12) 1,1-Dichloroethene	2.312	96	3683	1.351	ug/l #	77
16) Acetone	2.386	43	4104	2.453	ug/l	91
20) Methylene Chloride	2.788	84	1314	0.405	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	3539	1.263	ug/l	91
27) cis-1,2-Dichloroethene	4.477	96	399084	113.863	ug/l	86
40) Benzene	6.037	78	12034	0.941	ug/l	97
44) Trichloroethene	7.123	130	113152	38.814	ug/l	90
64) Tetrachloroethene	9.275	164	1995	0.758	ug/l #	85
65) Chlorobenzene	10.079	112	19294	2.197	ug/l	98

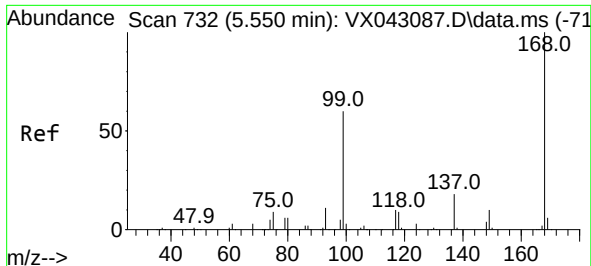
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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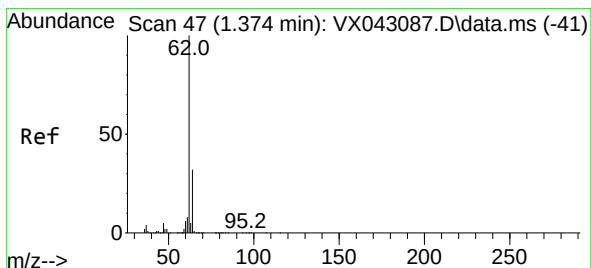
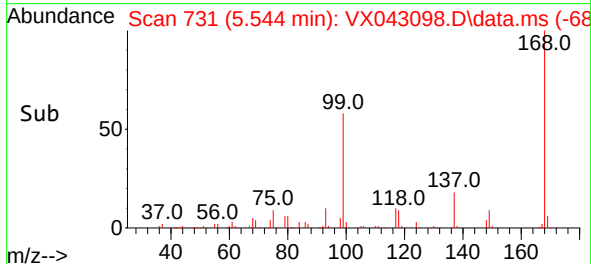
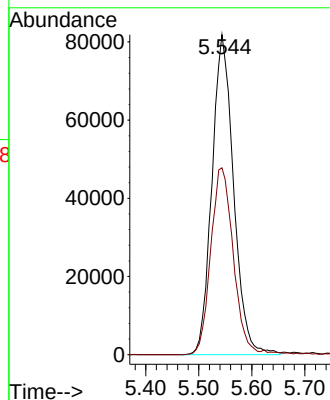
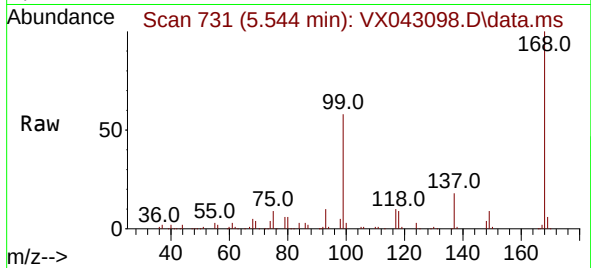




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

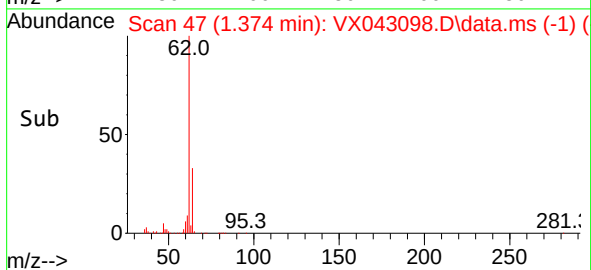
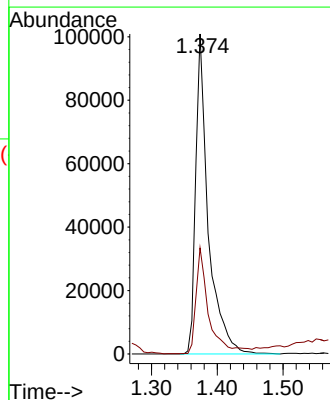
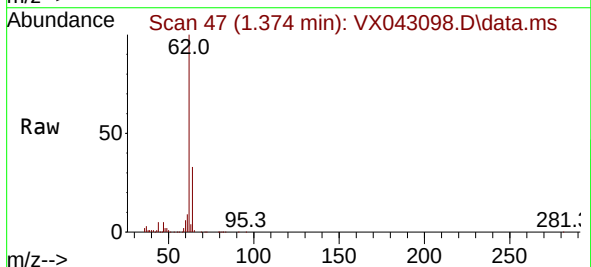
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-082024

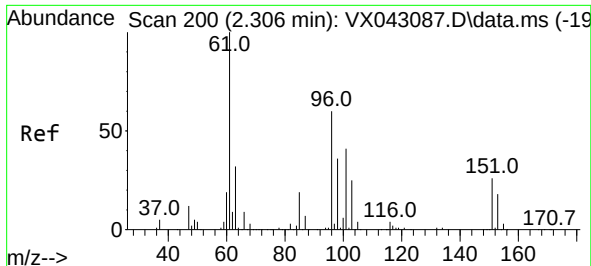
Tgt Ion:168 Resp: 231968
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#4
Vinyl Chloride
Concen: 40.536 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 62 Resp: 133531
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#12

1,1-Dichloroethene

Concen: 1.351 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-10.5-082024

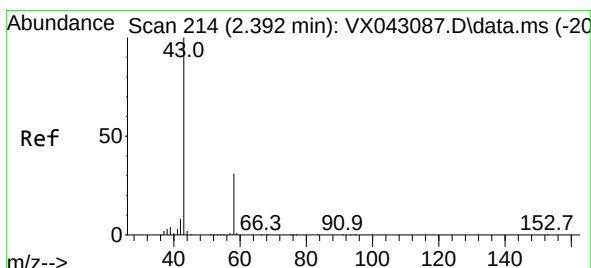
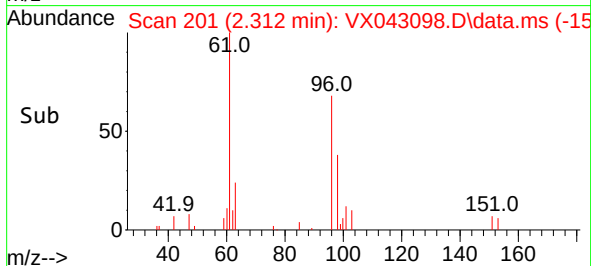
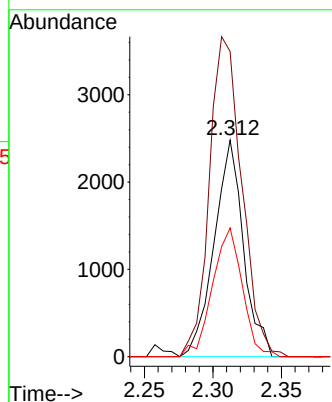
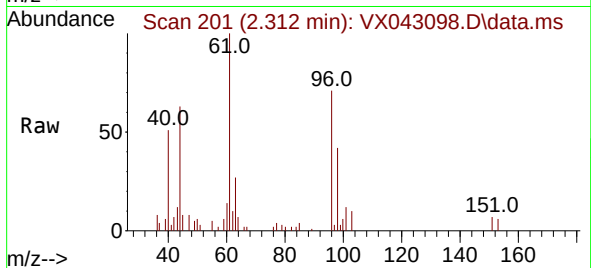
Tgt Ion: 96 Resp: 3683

Ion Ratio Lower Upper

96 100

61 138.8 144.6 216.8#

98 59.4 50.4 75.6



#16

Acetone

Concen: 2.453 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX043098.D

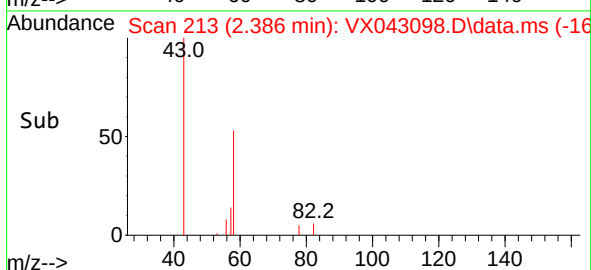
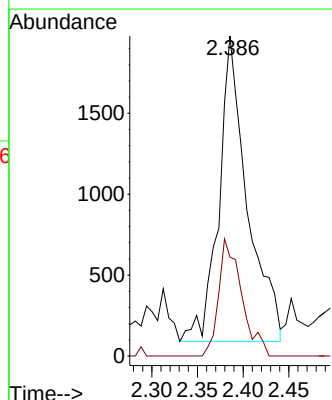
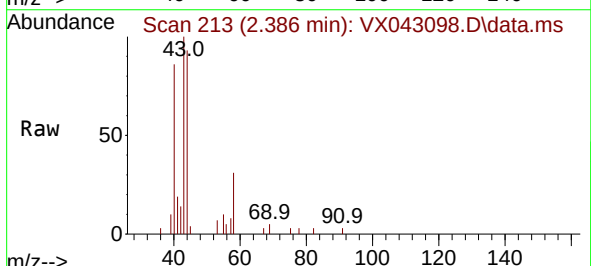
Acq: 23 Aug 2024 14:30

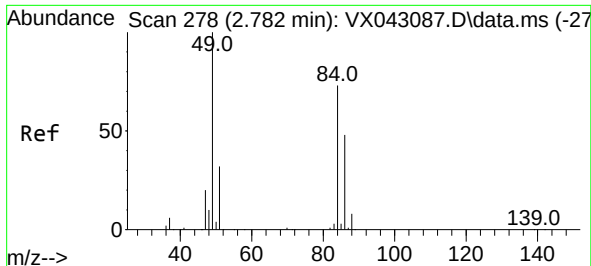
Tgt Ion: 43 Resp: 4104

Ion Ratio Lower Upper

43 100

58 32.3 21.9 32.9

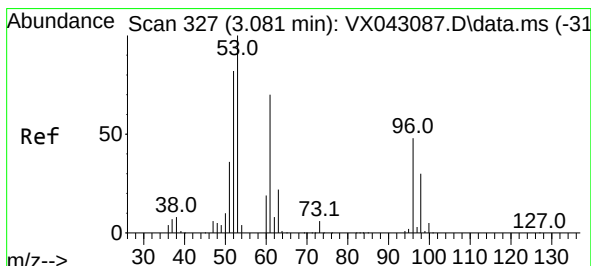
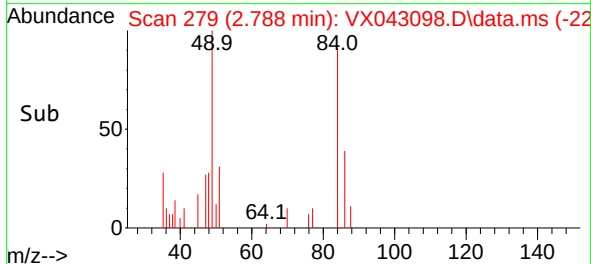
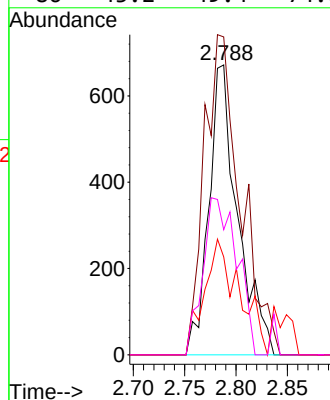
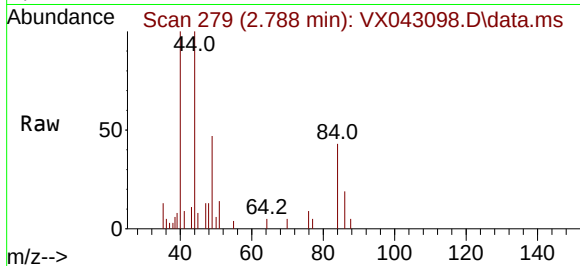




#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

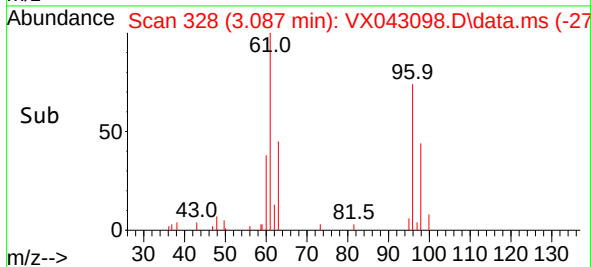
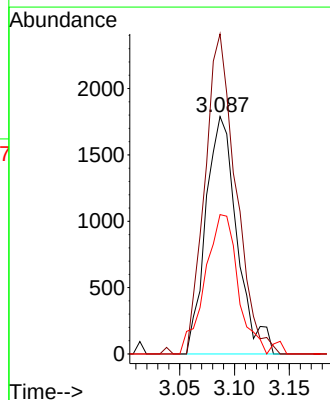
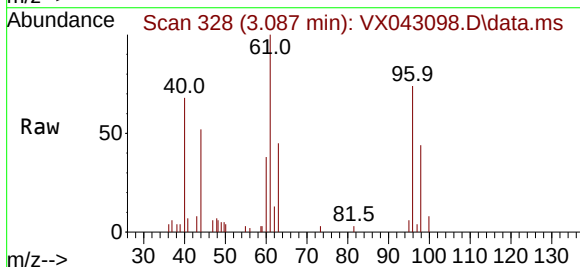
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-082024

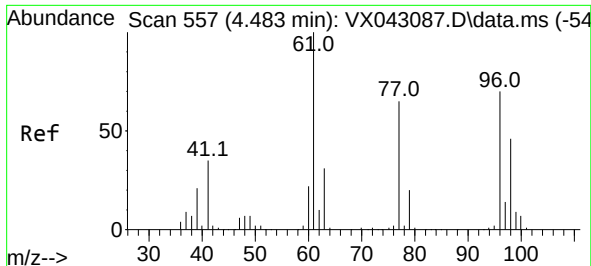
Tgt Ion: 84	Resp:	1314
Ion	Ratio	Lower Upper
84	100	
49	109.7	103.6 155.4
51	33.8	33.8 50.6
86	43.2	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 1.263 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 96	Resp:	3539
Ion	Ratio	Lower Upper
96	100	
61	134.8	119.2 178.8
98	58.7	48.7 73.1





#27

cis-1,2-Dichloroethene

Concen: 113.863 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-10.5-082024

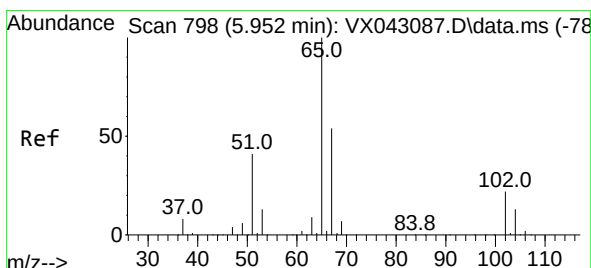
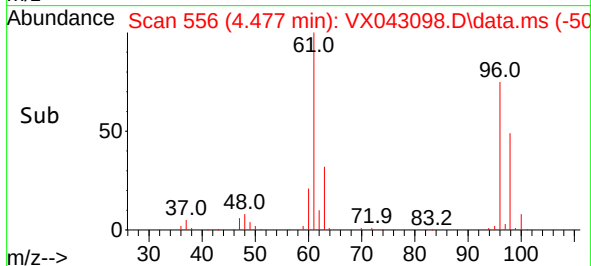
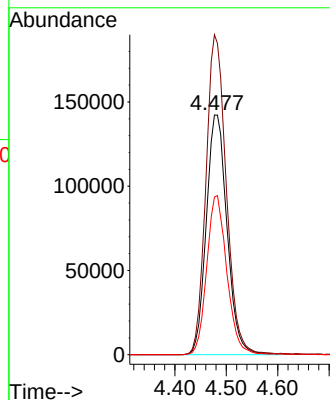
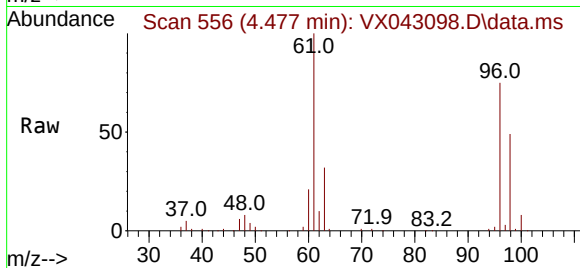
Tgt Ion: 96 Resp: 399084

Ion Ratio Lower Upper

96 100

61 130.5 0.0 312.2

98 64.2 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 47.647 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX043098.D

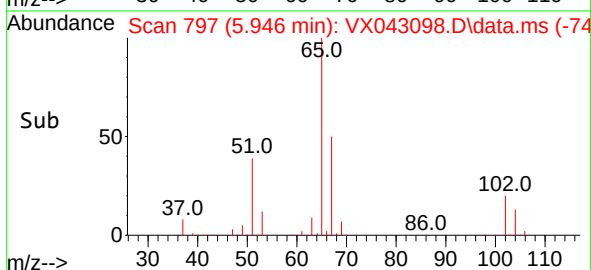
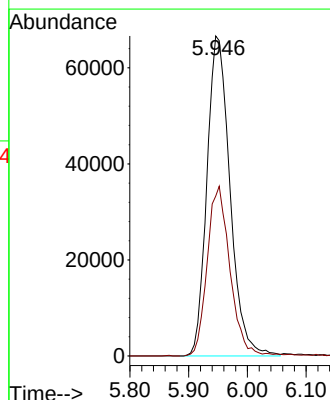
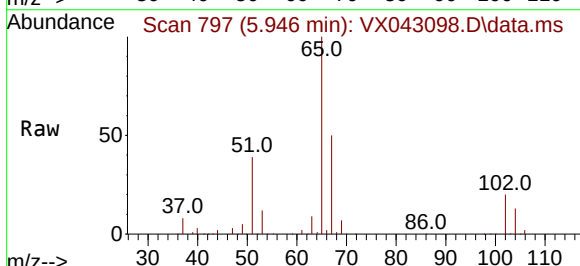
Acq: 23 Aug 2024 14:30

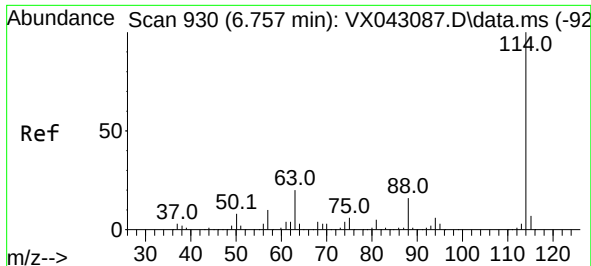
Tgt Ion: 65 Resp: 181678

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2

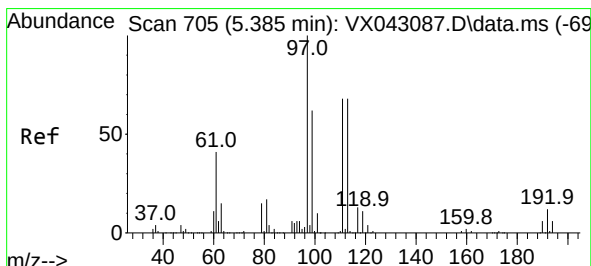
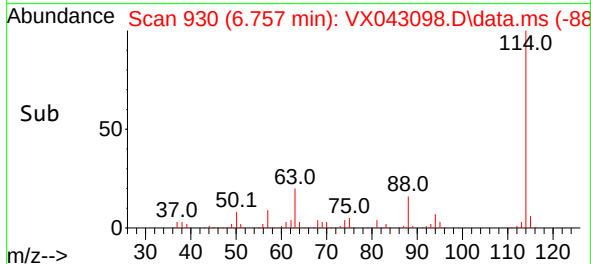
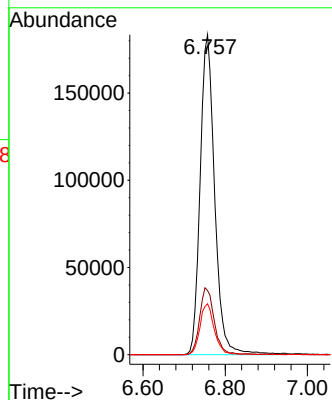
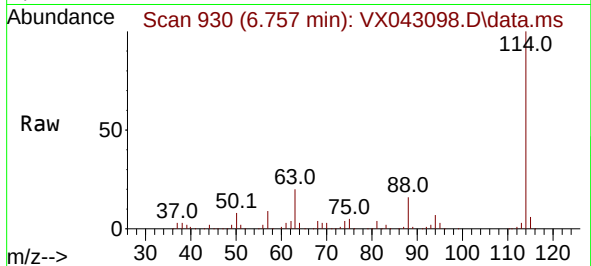




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

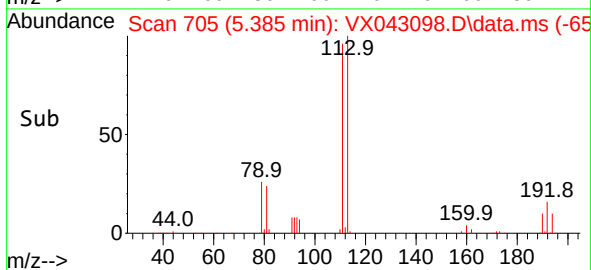
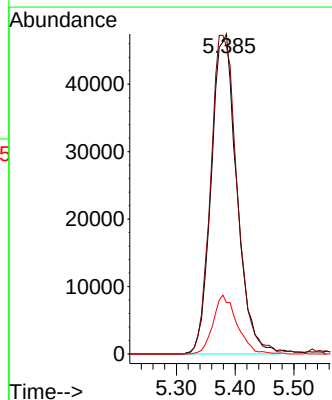
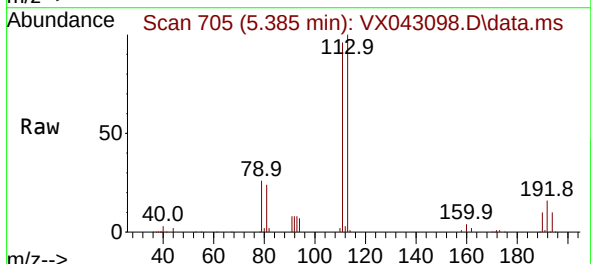
Instrument :
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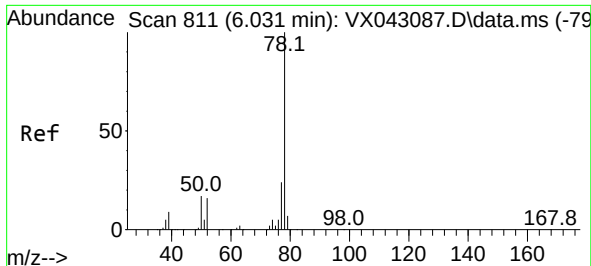
Tgt Ion:114 Resp: 449606
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion:113 Resp: 143042
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.2 13.3 19.9





#40

Benzene

Concen: 0.941 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

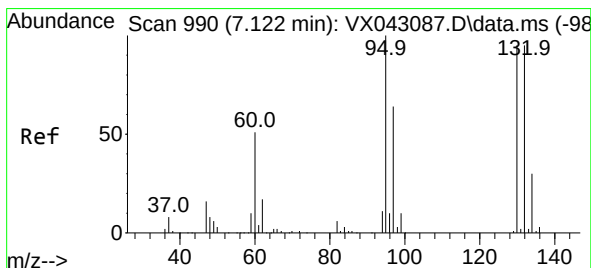
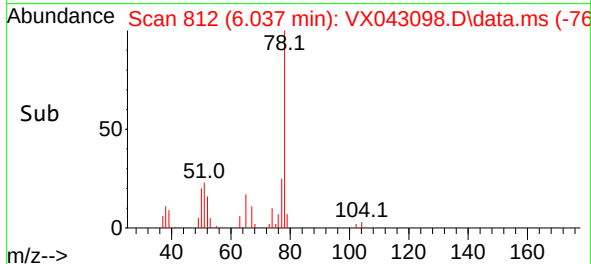
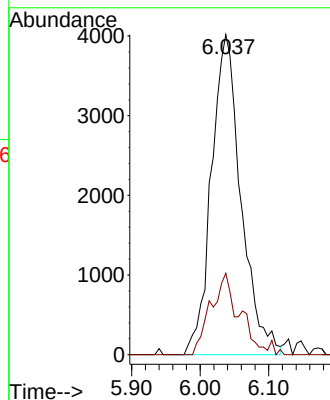
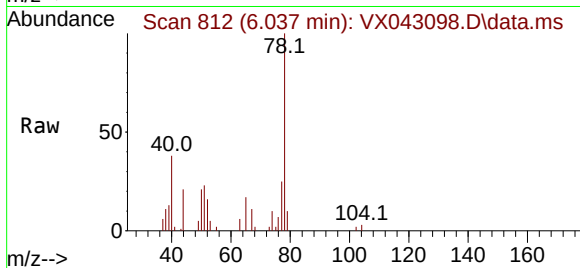
MW-13A-10.5-082024

Tgt Ion: 78 Resp: 12034

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9



#44

Trichloroethene

Concen: 38.814 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043098.D

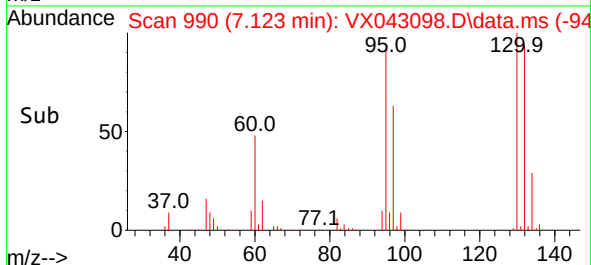
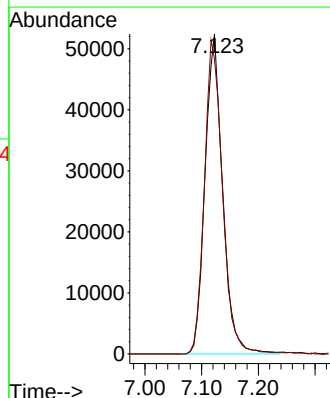
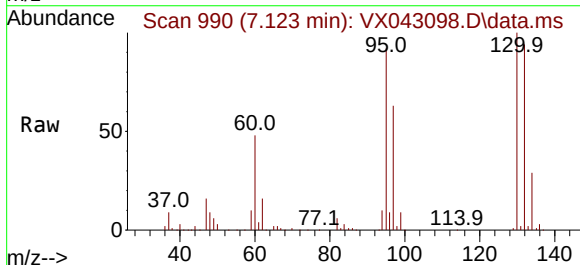
Acq: 23 Aug 2024 14:30

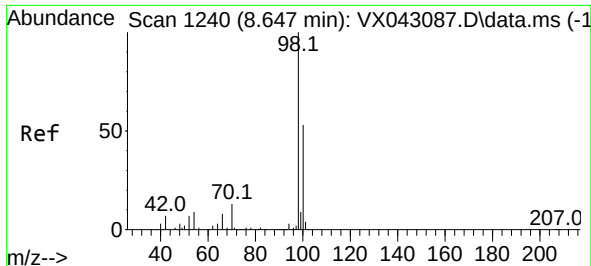
Tgt Ion:130 Resp: 113152

Ion Ratio Lower Upper

130 100

95 92.2 0.0 204.4

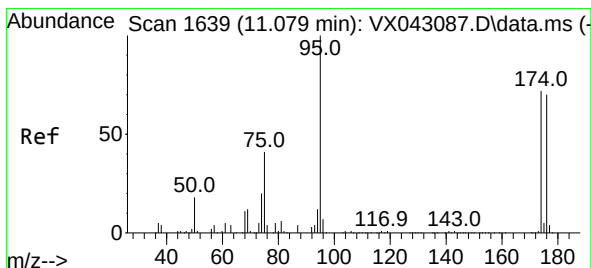
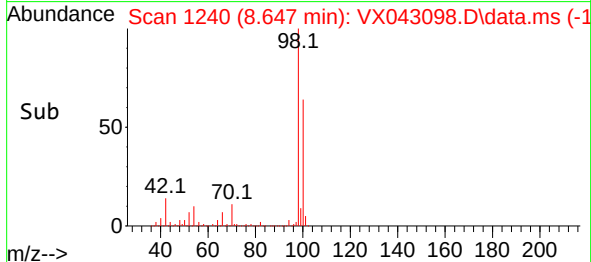
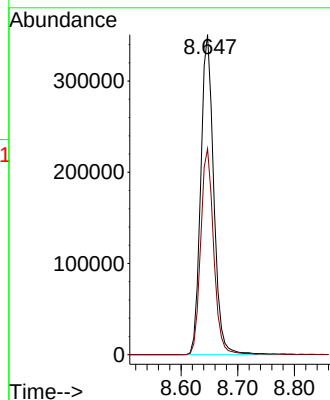
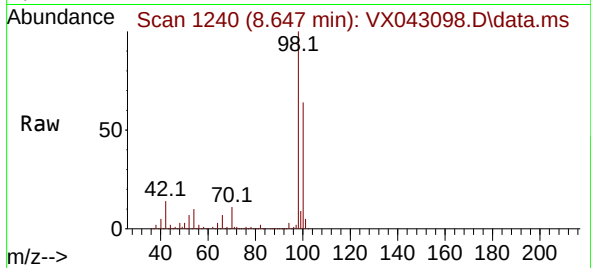




#50
Toluene-d8
Concen: 50.004 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

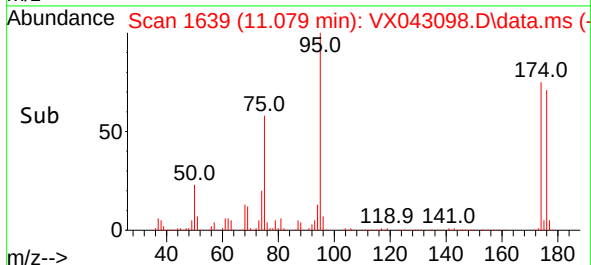
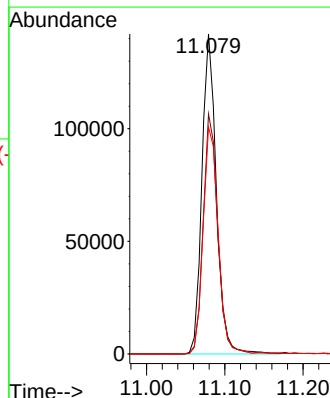
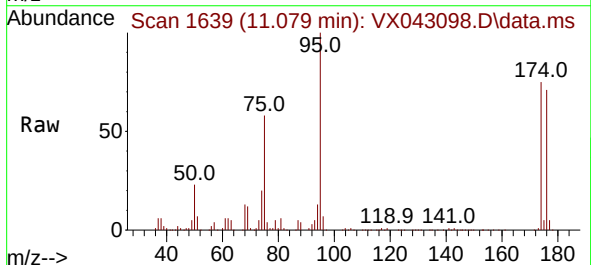
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-082024

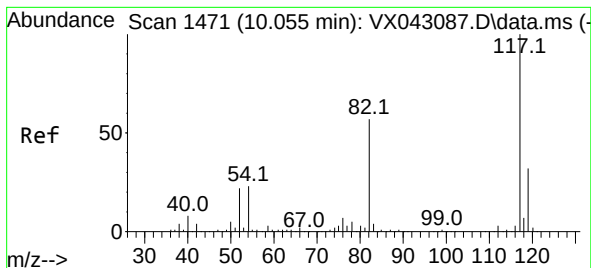
Tgt Ion: 98 Resp: 559376
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 95 Resp: 181360
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.0 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: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-10.5-082024

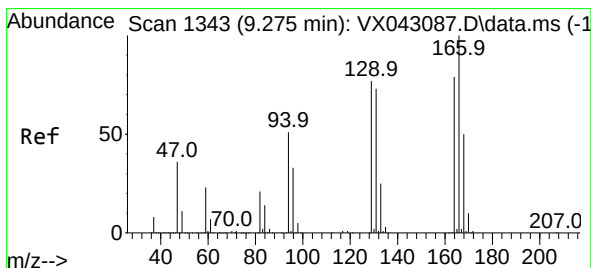
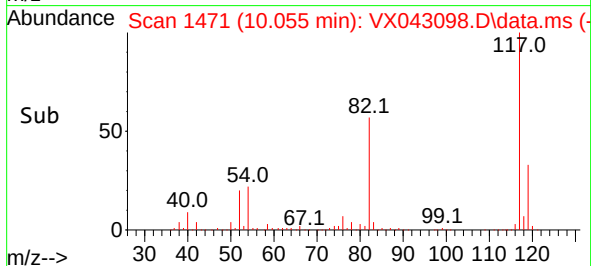
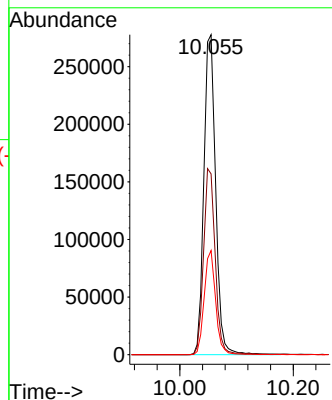
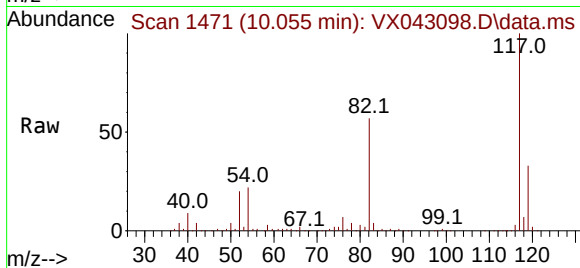
Tgt Ion:117 Resp: 400682

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 0.758 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Tgt Ion:164 Resp: 1995

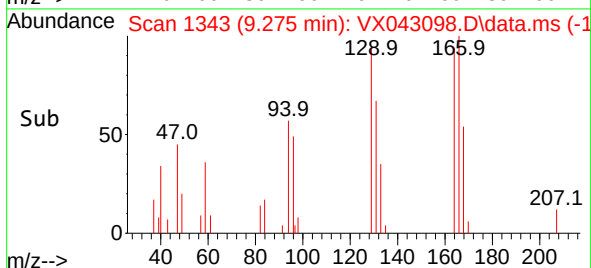
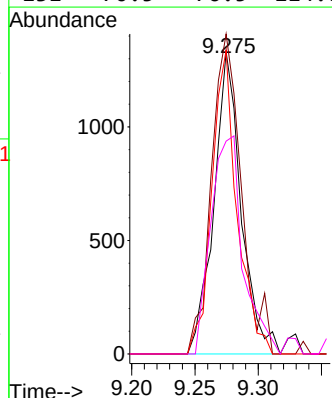
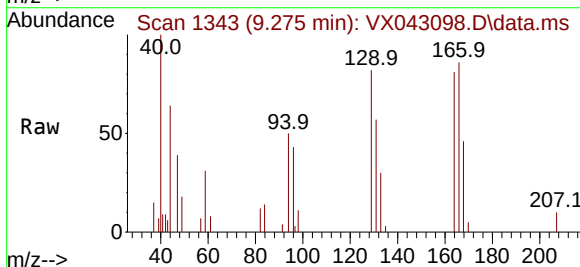
Ion Ratio Lower Upper

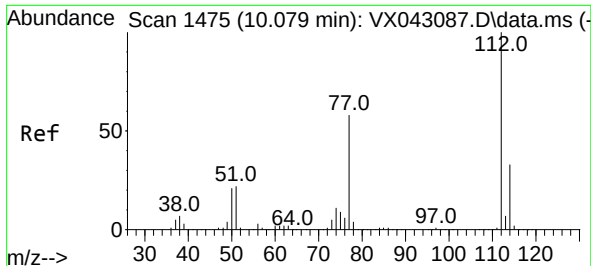
164 100

166 105.9 102.7 154.1

129 100.6 80.4 120.6

131 70.5 76.5 114.7#

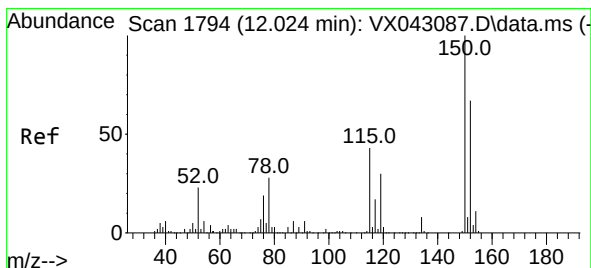
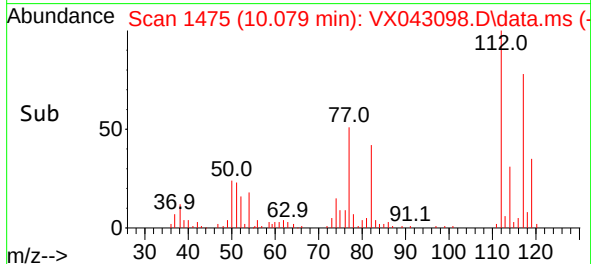
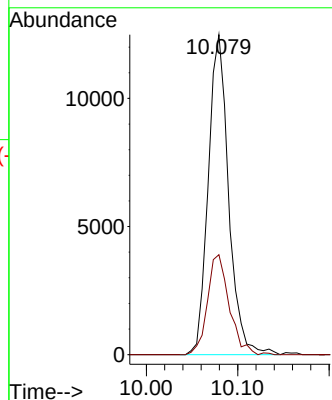
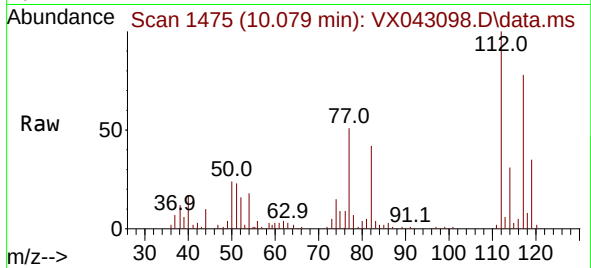




#65
Chlorobenzene
Concen: 2.197 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-082024

Tgt Ion:112 Resp: 19294
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion:152 Resp: 168942
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 157.5 0.0 345.0

