

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043594.D
 Acq On : 29 Oct 2024 14:06
 Operator : JC/MD
 Sample : P4548-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Oct 30 01:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

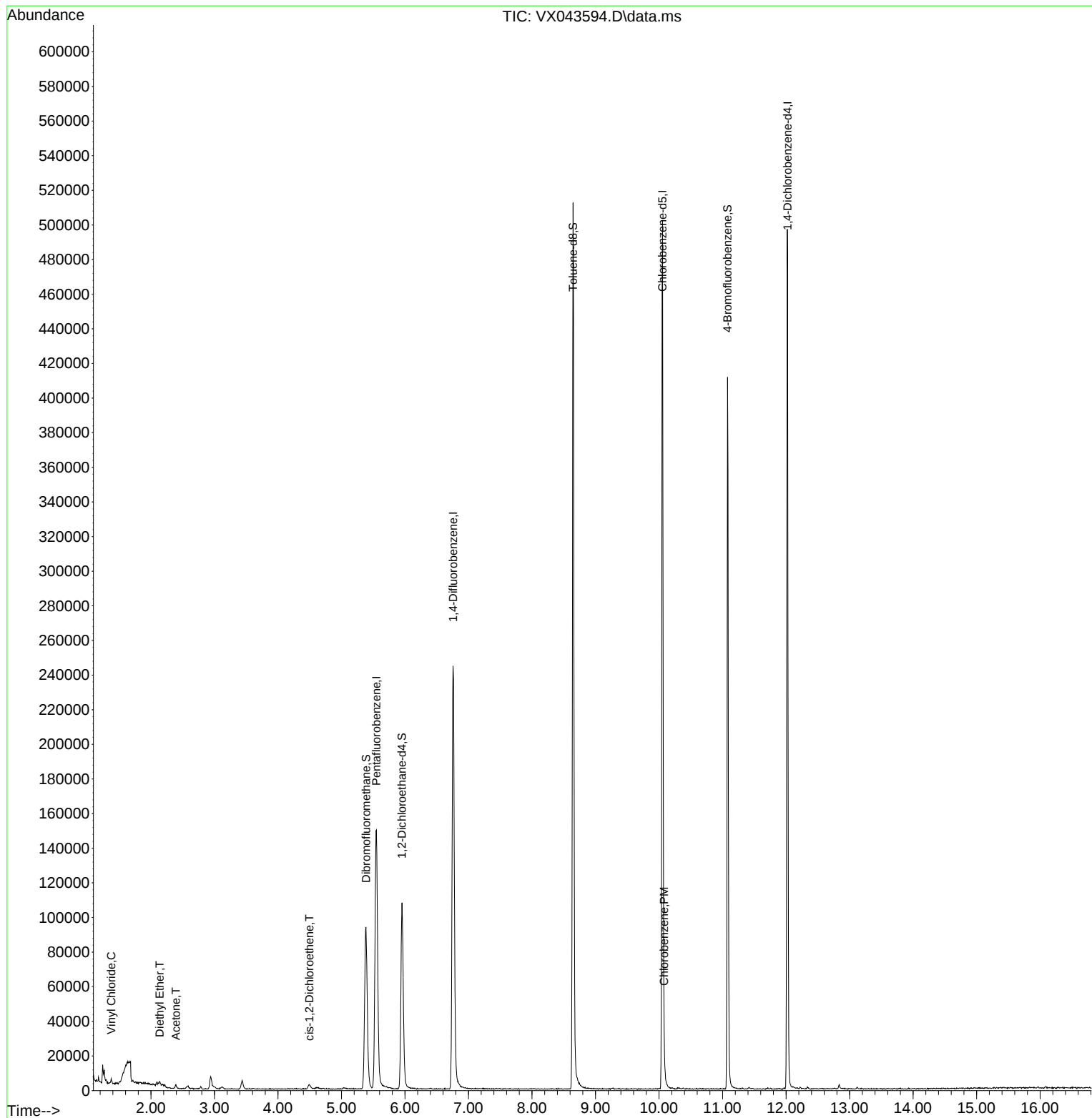
Internal Standards						
1) Pentafluorobenzene	5.550	168	149761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	275286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102170	42.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.580%
35) Dibromofluoromethane	5.385	113	85635	45.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.647	98	320898	49.660	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	114189	47.689	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.380%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1134	0.597	ug/l	99
8) Diethyl Ether	2.136	74	607	0.566	ug/l	77
16) Acetone	2.392	43	1991	2.100	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1940	0.896	ug/l	89
65) Chlorobenzene	10.079	112	4463	0.863	ug/l	99

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

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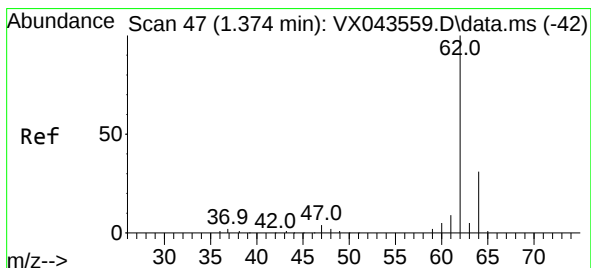
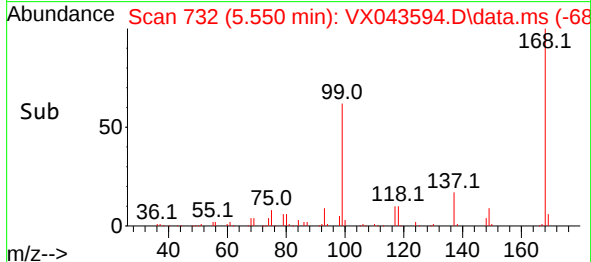
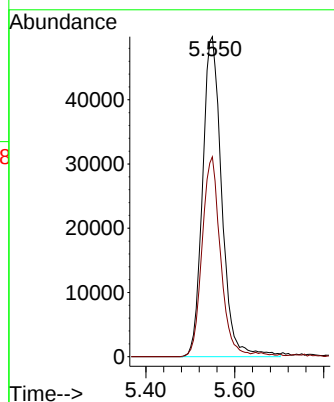
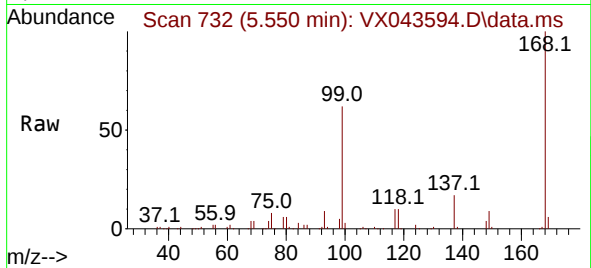




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

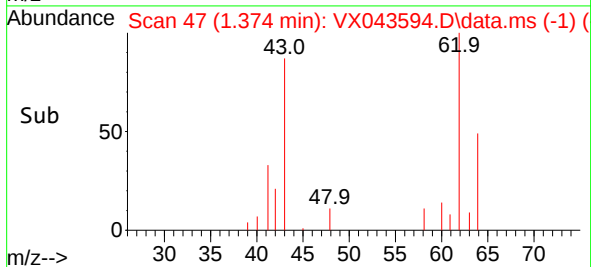
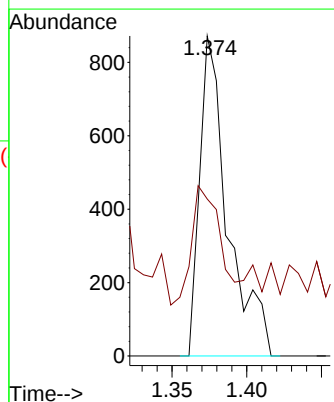
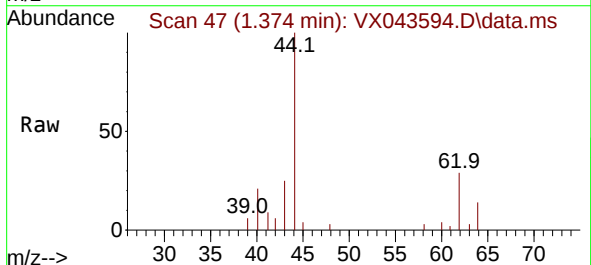
Instrument :
MSVOA_X
ClientSampleId :
MW-2

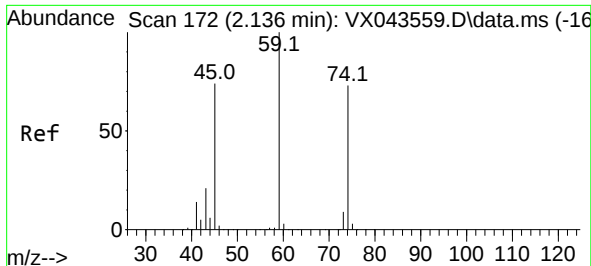
Tgt Ion:168 Resp: 149761
Ion Ratio Lower Upper
168 100
99 62.4 52.6 78.8



#4
Vinyl Chloride
Concen: 0.597 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

Tgt Ion: 62 Resp: 1134
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.4





#8

Diethyl Ether

Concen: 0.566 ug/l

RT: 2.136 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043594.D

Acq: 29 Oct 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

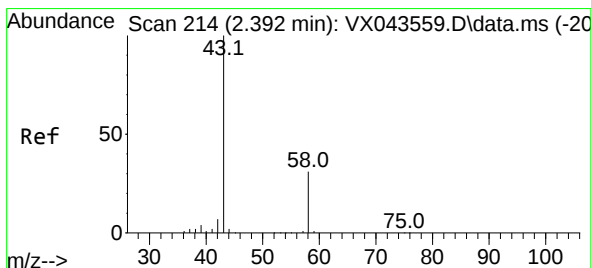
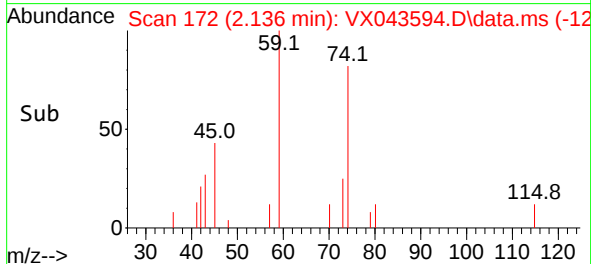
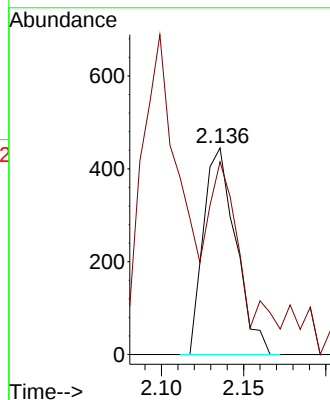
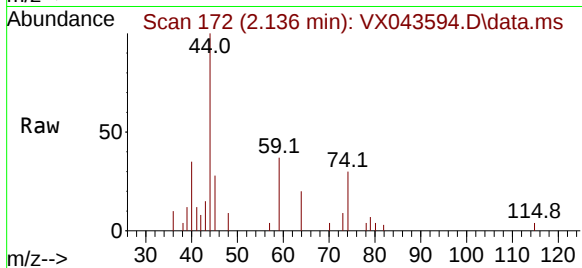
MW-2

Tgt Ion: 74 Resp: 607

Ion Ratio Lower Upper

74 100

45 72.8 47.5 142.5



#16

Acetone

Concen: 2.100 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043594.D

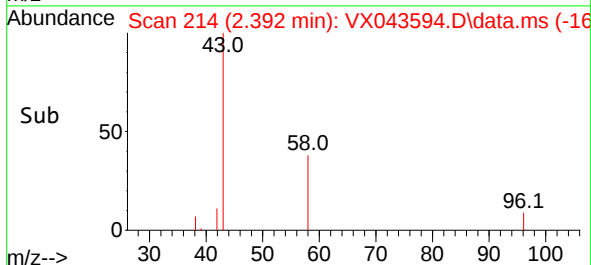
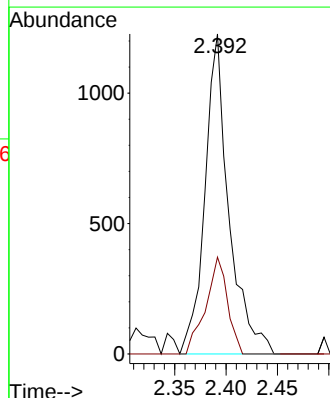
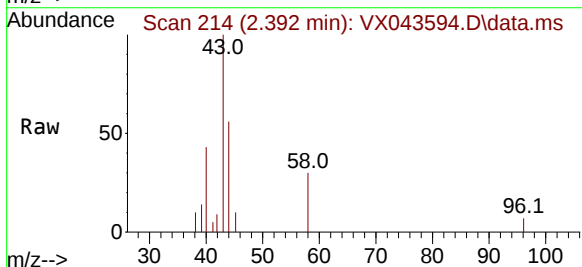
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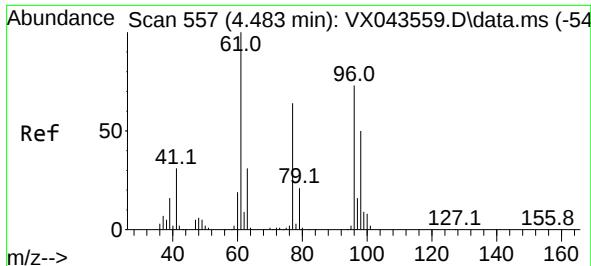
Tgt Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

58 30.2 25.1 37.7





#27

cis-1,2-Dichloroethene

Concen: 0.896 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX043594.D

Acq: 29 Oct 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

MW-2

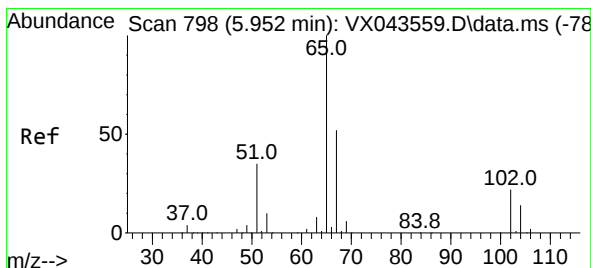
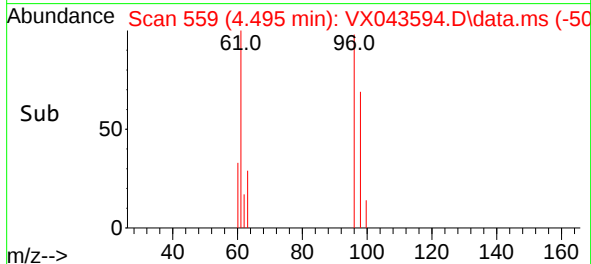
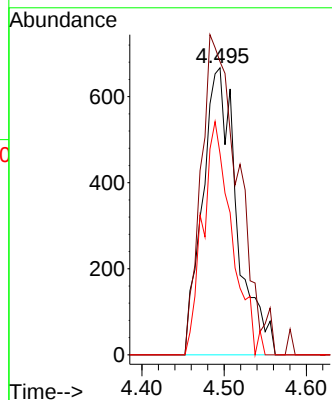
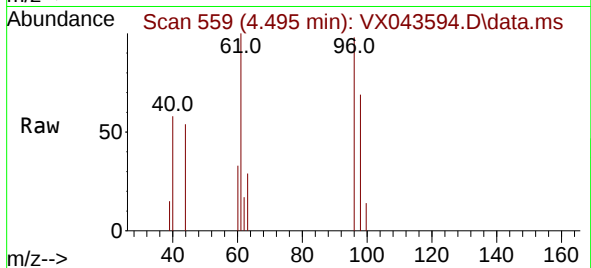
Tgt Ion: 96 Resp: 1940

Ion Ratio Lower Upper

96 100

61 120.4 0.0 277.2

98 69.0 0.0 131.6



#33

1,2-Dichloroethane-d4

Concen: 42.785 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043594.D

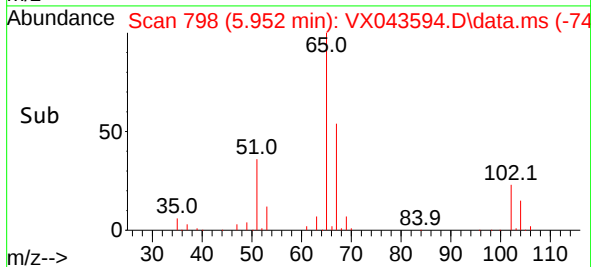
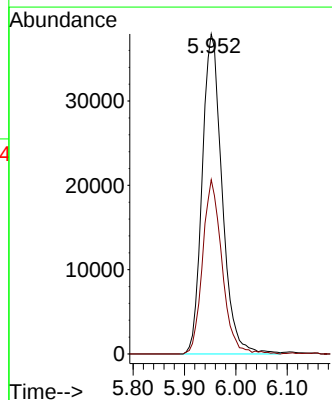
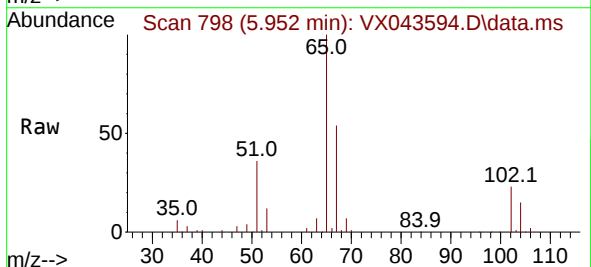
Acq: 29 Oct 2024 14:06

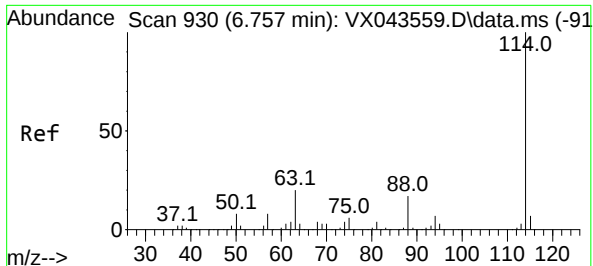
Tgt Ion: 65 Resp: 102170

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4

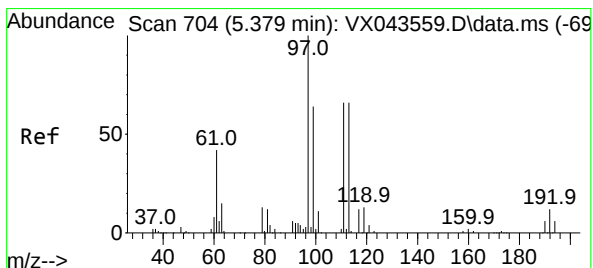
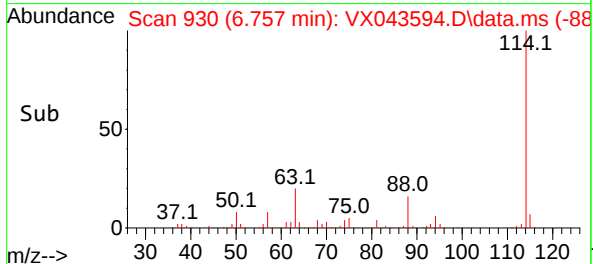
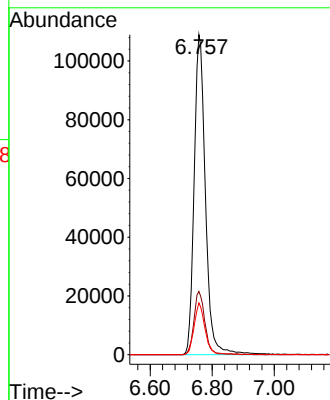
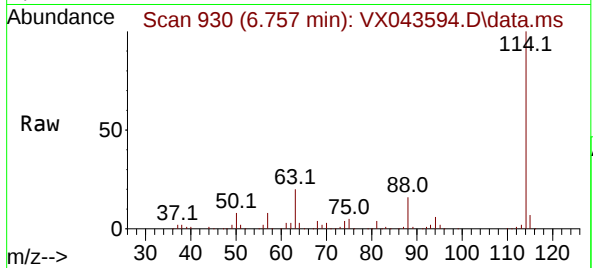




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

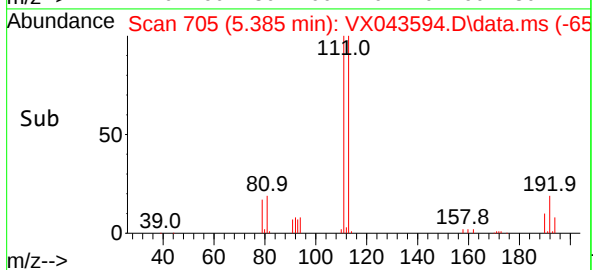
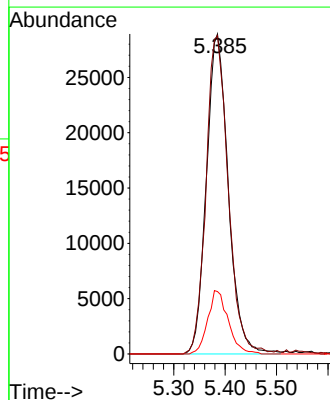
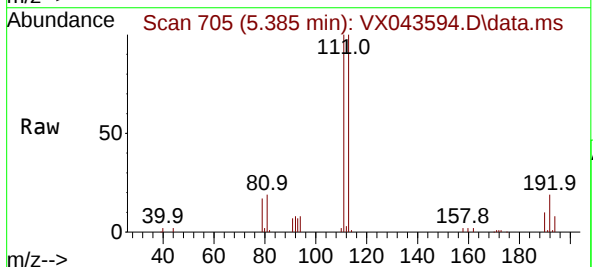
Instrument :
MSVOA_X
ClientSampleId :
MW-2

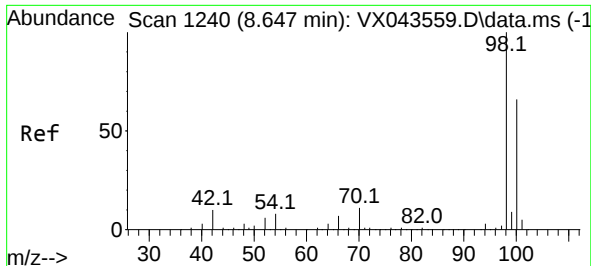
Tgt Ion:114 Resp: 275286
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.2
88 16.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.875 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

Tgt Ion:113 Resp: 85635
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.6 14.1 21.1

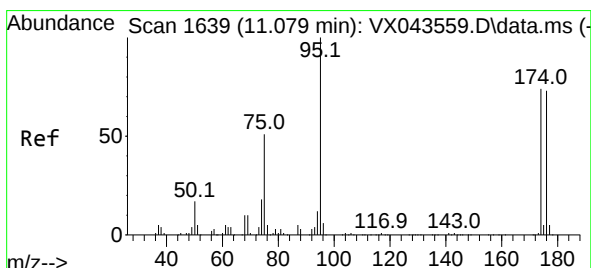
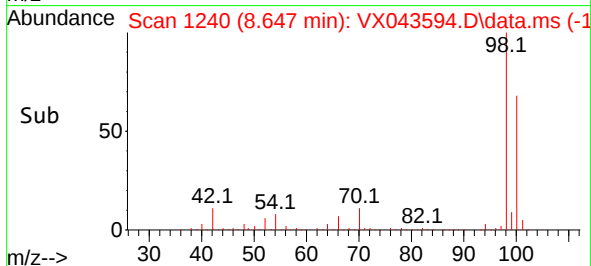
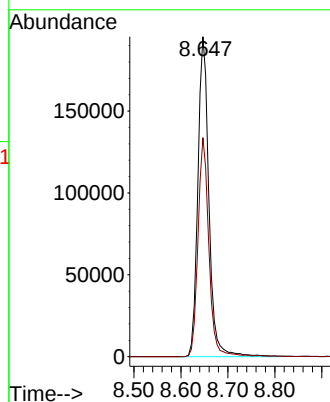
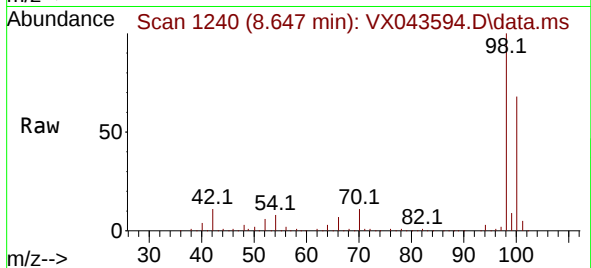




#50
Toluene-d8
Concen: 49.660 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

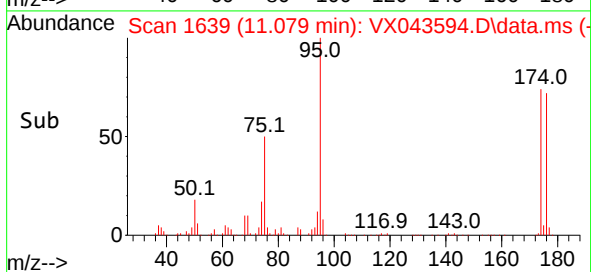
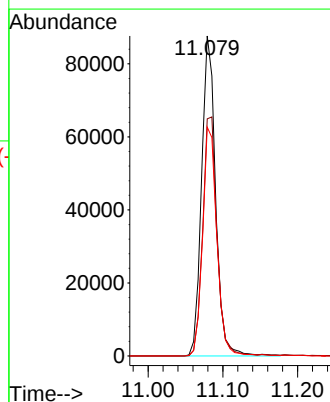
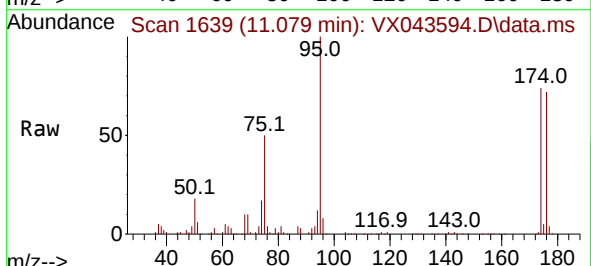
Instrument :
MSVOA_X
ClientSampleId :
MW-2

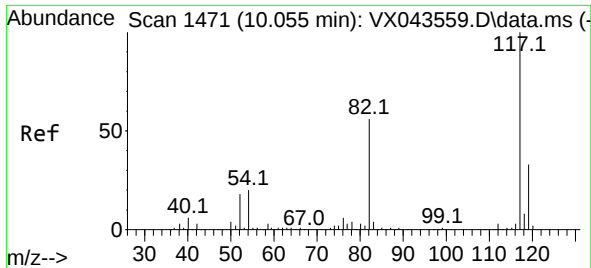
Tgt Ion: 98 Resp: 320898
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 47.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

Tgt Ion: 95 Resp: 114189
Ion Ratio Lower Upper
95 100
174 76.3 0.0 146.6
176 72.9 0.0 139.6

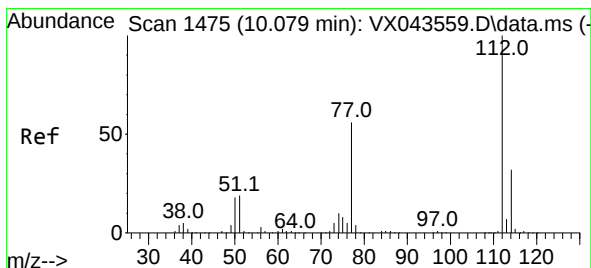
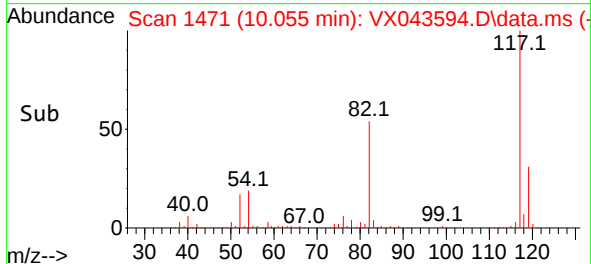
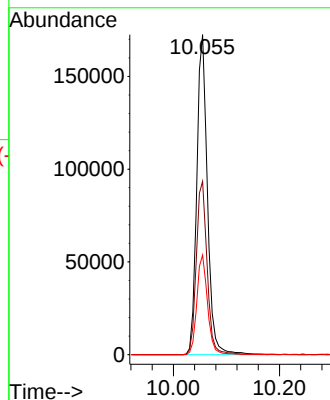
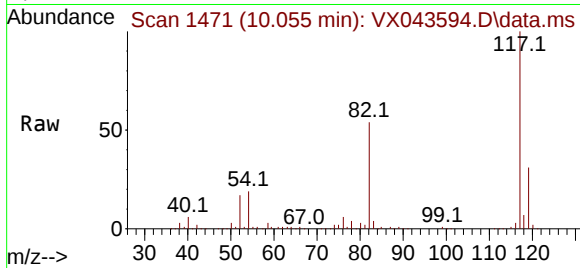




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

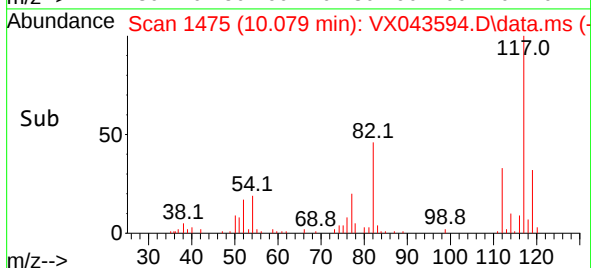
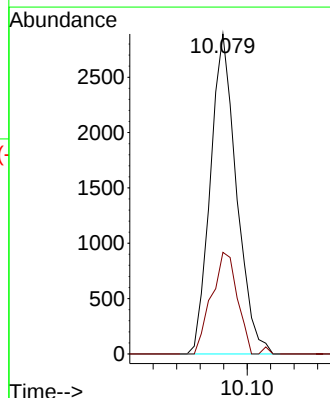
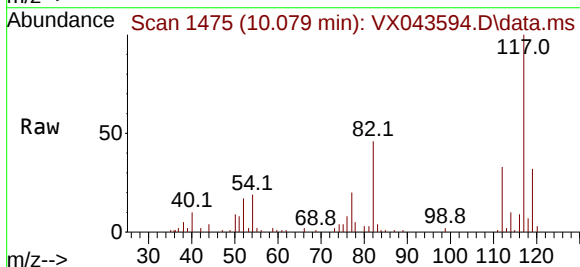
Instrument :
MSVOA_X
ClientSampleId :
MW-2

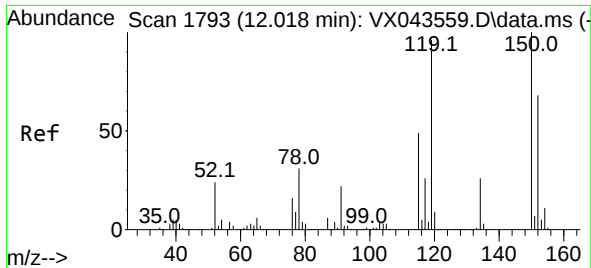
Tgt Ion:117 Resp: 240367
Ion Ratio Lower Upper
117 100
82 54.1 42.1 63.1
119 31.2 25.4 38.2



#65
Chlorobenzene
Concen: 0.863 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043594.D
Acq: 29 Oct 2024 14:06

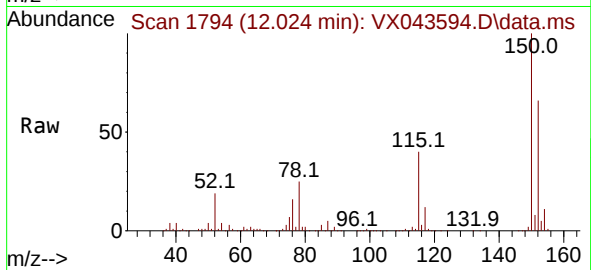
Tgt Ion:112 Resp: 4463
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043594.D
 Acq: 29 Oct 2024 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2



Tgt Ion:152 Resp: 106864
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.9 128.7
 150 156.6 0.0 343.6

