

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041467.D
 Acq On : 10 May 2024 18:30
 Operator : JC/MD
 Sample : P2455-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-051024

Quant Time: May 11 01:38:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

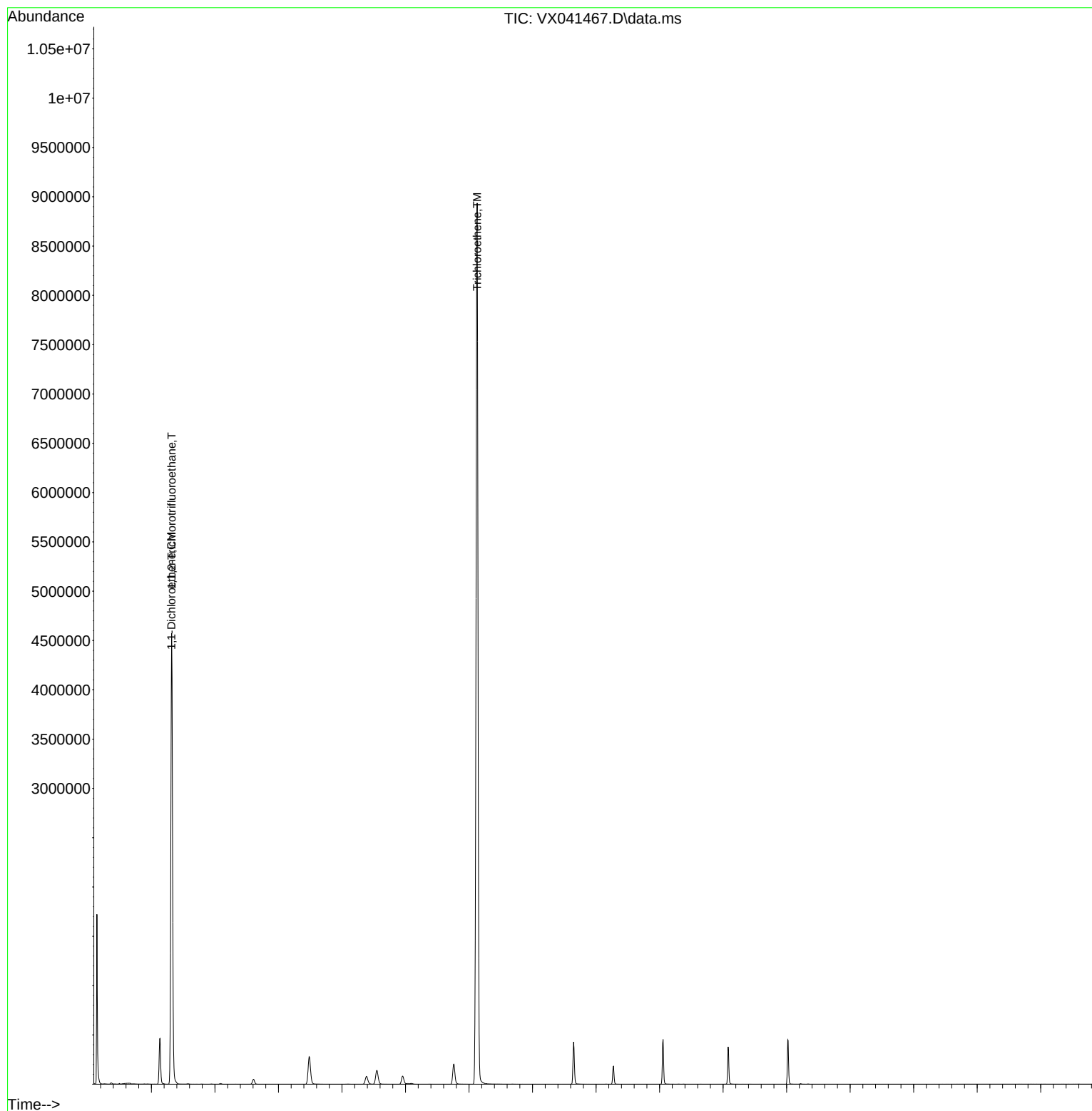
Internal Standards						
1) Pentafluorobenzene	5.550	168	149924	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84144	51.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.100%
35) Dibromofluoromethane	5.385	113	69068	46.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.647	98	252696	53.376	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.760%
62) 4-Bromofluorobenzene	11.079	95	95599	52.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.320%
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1915	1.576	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	1676205	1423.229	ug/l	88
12) 1,1-Dichloroethene	2.312	96	61284	52.750	ug/l	85
16) Acetone	2.392	43	10910	11.447	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	2996	2.308	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	56679	24.253	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	182284	118.576	ug/l	82
30) Chloroform	5.086	83	1736	0.714	ug/l	92
40) Benzene	6.043	78	8013	1.453	ug/l	96
42) 1,2-Dichloroethane	6.092	62	9587	4.744	ug/l	99
44) Trichloroethene	7.129	130	3614543	2482.563	ug/l	87
64) Tetrachloroethene	9.275	164	38033	24.788	ug/l	90

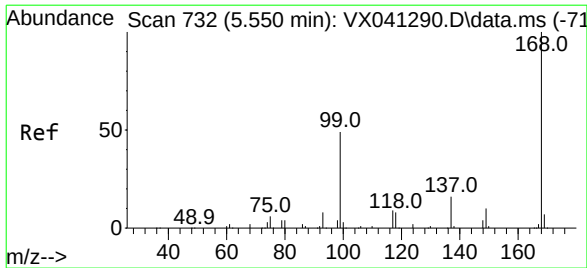
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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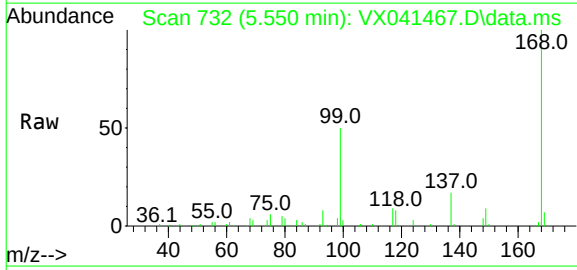
Quant Time: May 11 01:38:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



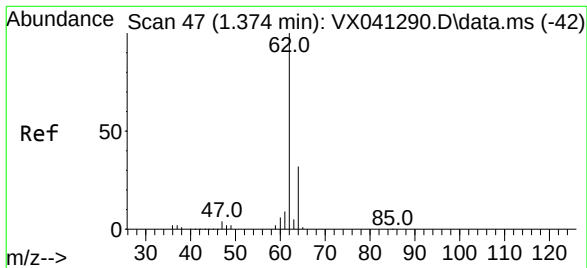
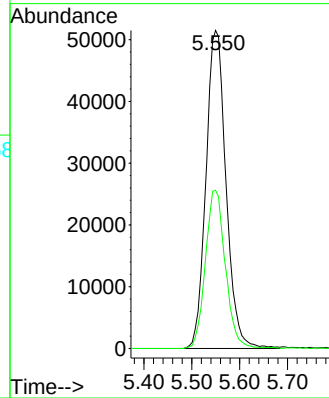
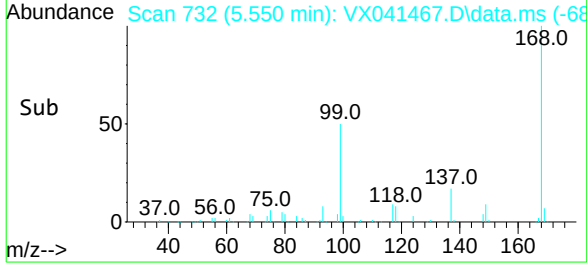


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-051024

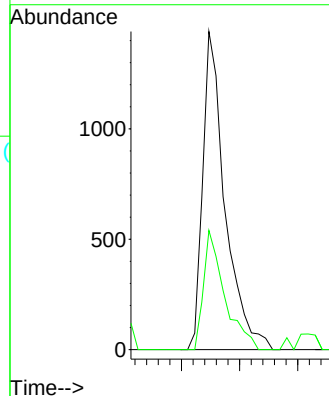
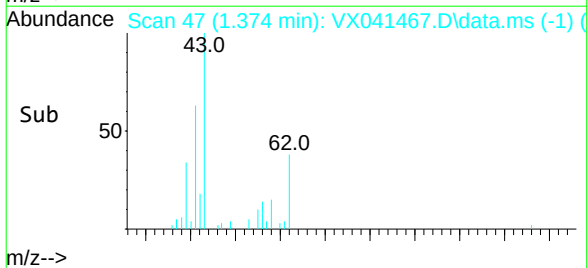
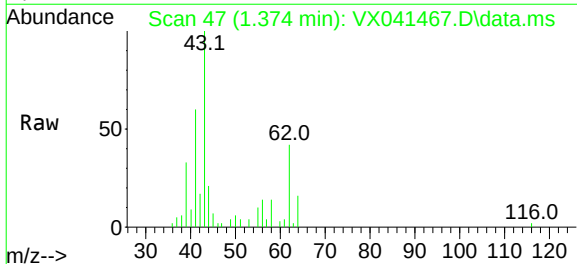


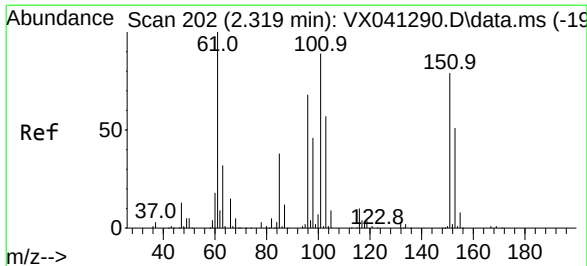
Tgt Ion:168 Resp: 149924
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0#



#4
Vinyl Chloride
Concen: 1.576 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

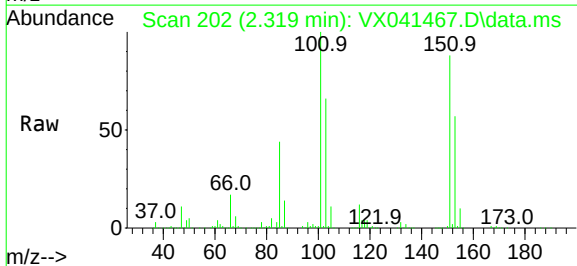
Tgt Ion: 62 Resp: 1915
Ion Ratio Lower Upper
62 100
64 37.5 25.4 38.0



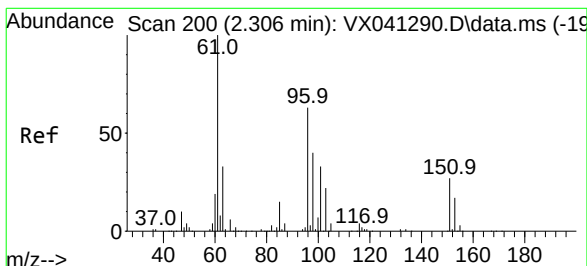
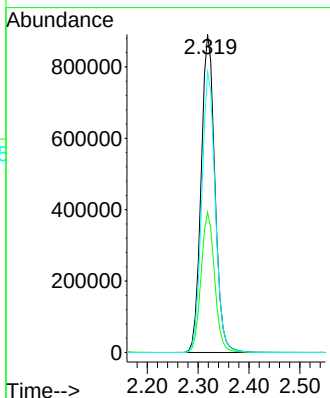
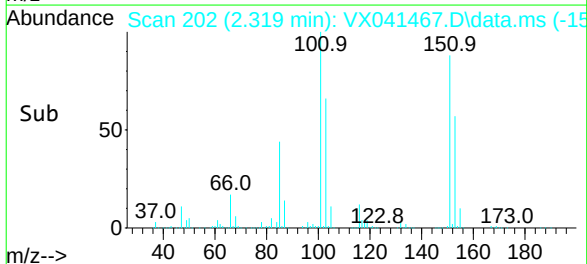


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1423.229 ug/l
RT: 2.319 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

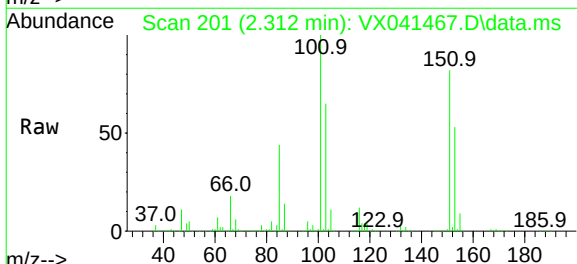
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-051024



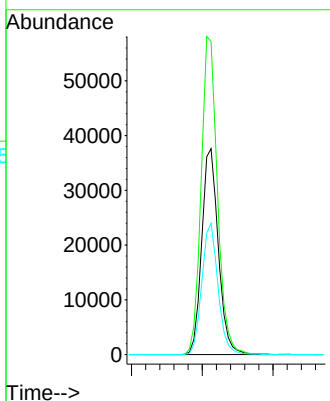
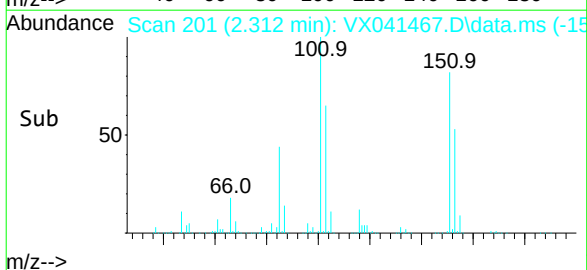
Tgt Ion: 101 Resp: 1676205
Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 87.4 58.6 87.8

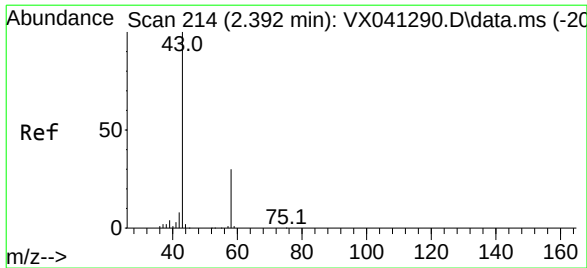


#12
1,1-Dichloroethene
Concen: 52.750 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30



Tgt Ion: 96 Resp: 61284
Ion Ratio Lower Upper
96 100
61 152.1 144.6 216.8
98 63.7 50.4 75.6





#16

Acetone

Concen: 11.447 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041467.D

Acq: 10 May 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

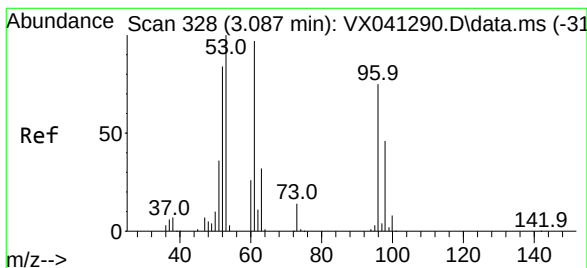
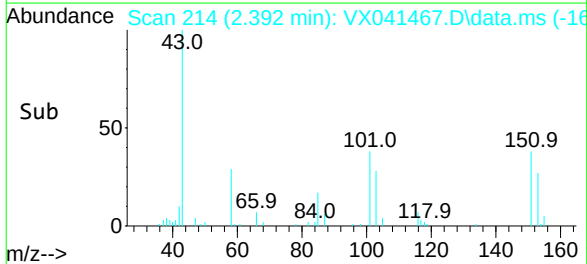
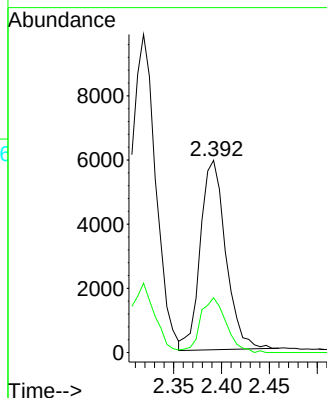
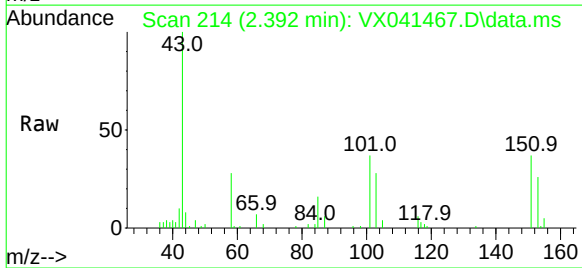
RMW-03B-90-051024

Tgt Ion: 43 Resp: 10910

Ion Ratio Lower Upper

43 100

58 29.1 21.9 32.9



#21

trans-1,2-Dichloroethene

Concen: 2.308 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX041467.D

Acq: 10 May 2024 18:30

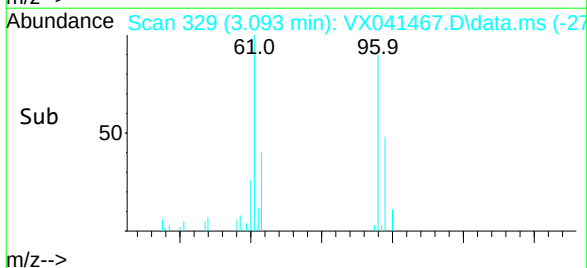
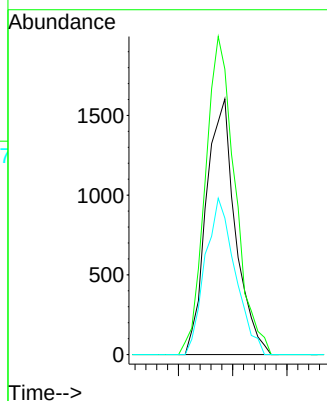
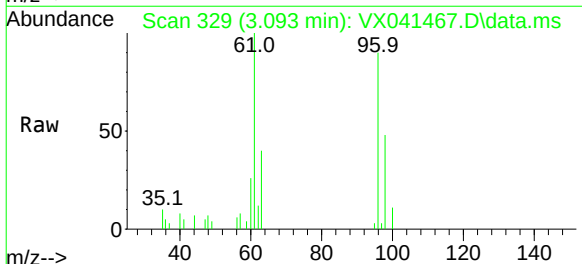
Tgt Ion: 96 Resp: 2996

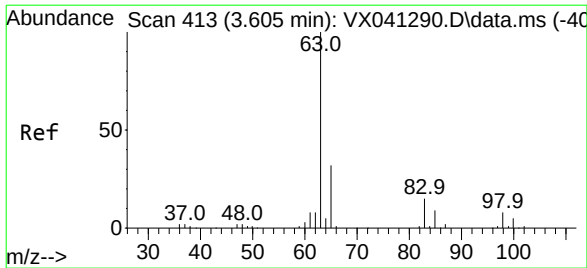
Ion Ratio Lower Upper

96 100

61 111.6 119.2 178.8#

98 53.4 48.7 73.1

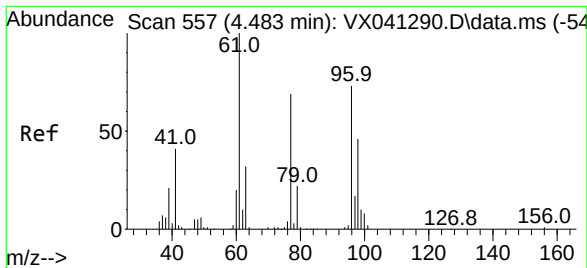
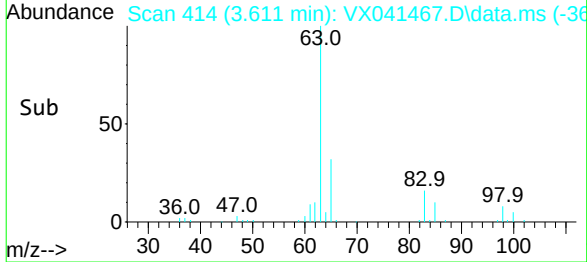
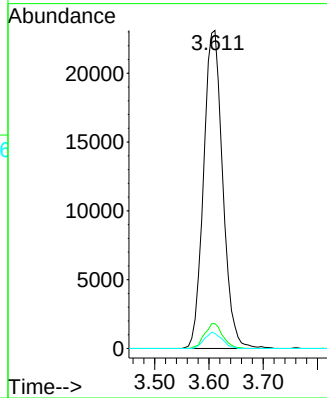
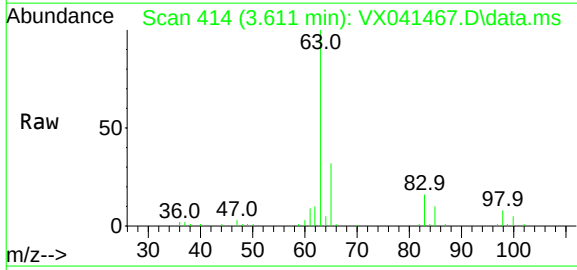




#24
1,1-Dichloroethane
Concen: 24.253 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

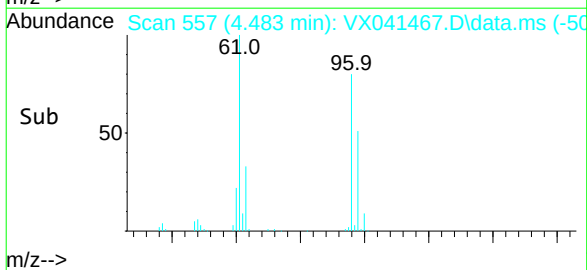
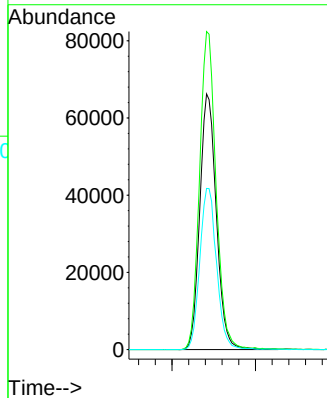
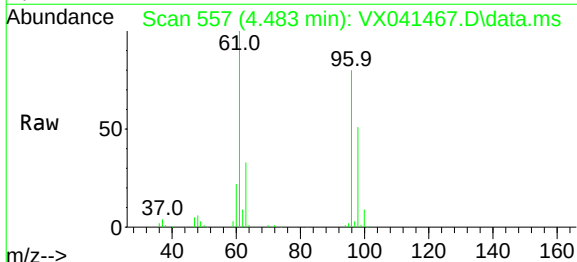
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-051024

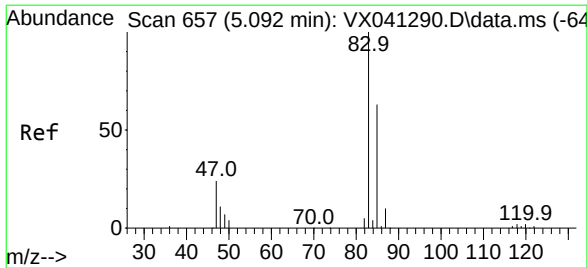
Tgt Ion:	63	Resp:	56679
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.8
100	4.8	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 118.576 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Tgt Ion:	96	Resp:	182284
Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	312.2
98	63.9	0.0	129.0

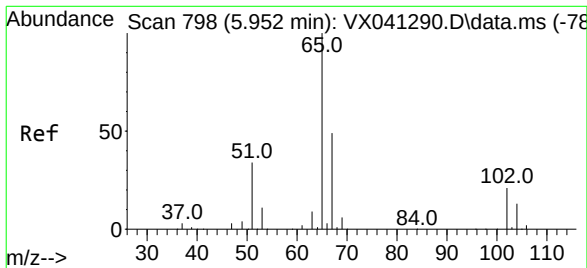
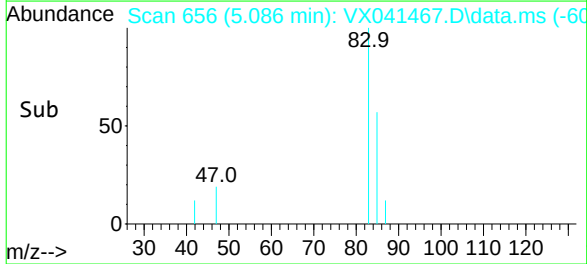
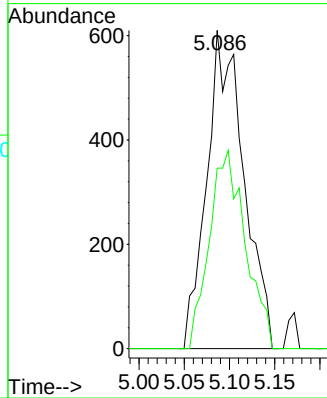
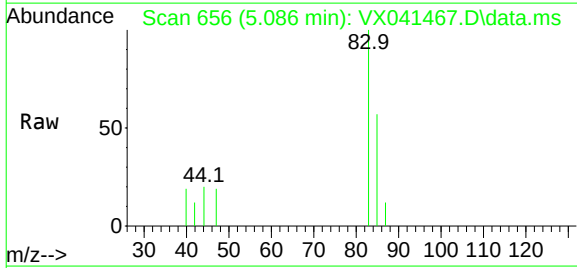




#30
Chloroform
Concen: 0.714 ug/l
RT: 5.086 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

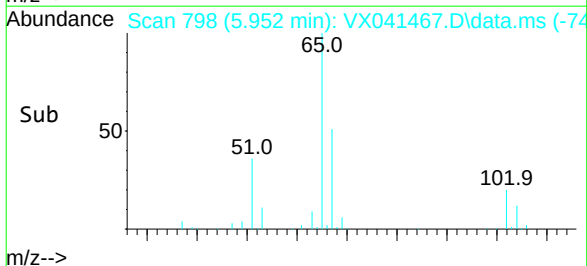
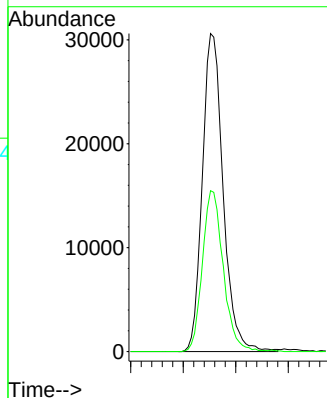
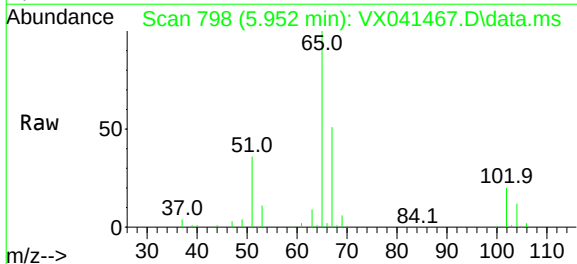
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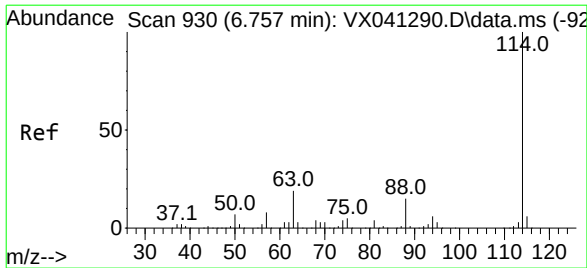
Tgt Ion: 83 Resp: 1736
Ion Ratio Lower Upper
83 100
85 56.7 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 51.555 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Tgt Ion: 65 Resp: 84144
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

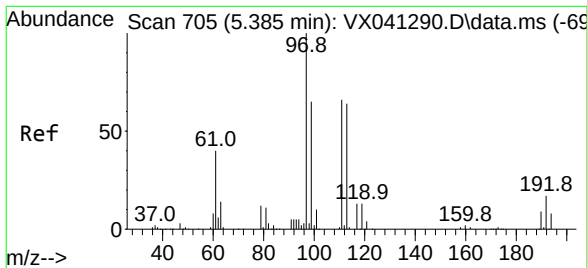
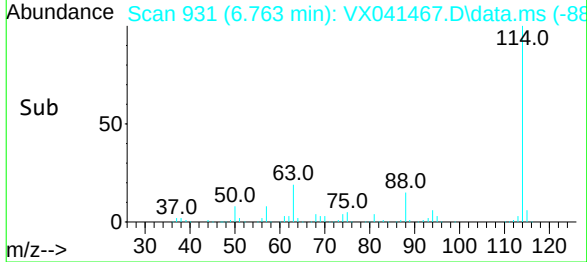
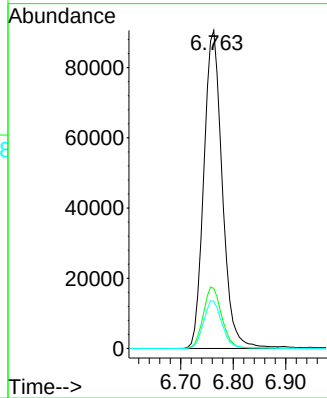
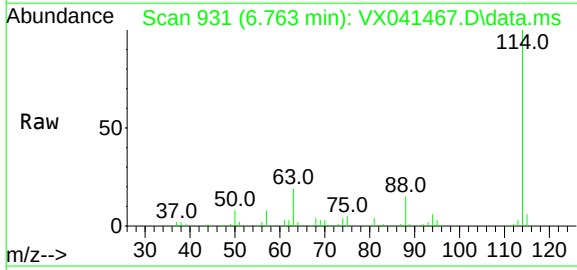




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

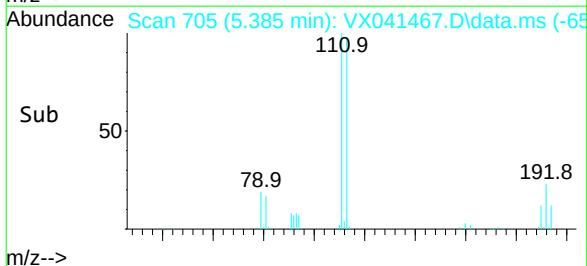
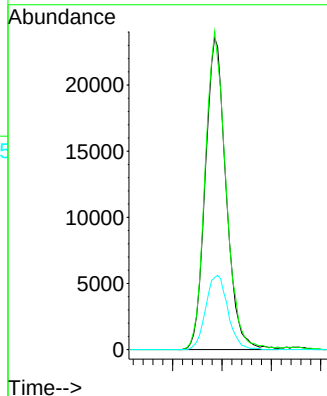
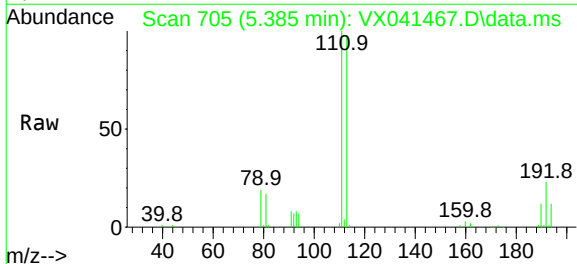
Instrument :
MSVOA_X
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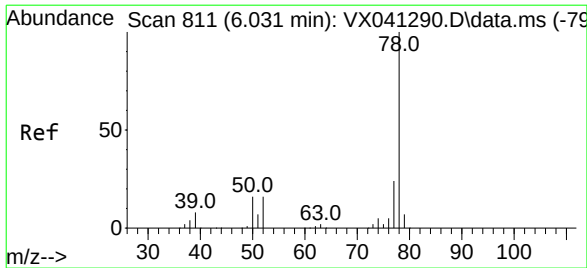
Tgt Ion:	114	Resp:	220725
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	45.0
88	14.8	0.0	36.6



#35
Dibromofluoromethane
Concen: 46.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Tgt Ion:	113	Resp:	69068
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	25.2	13.3	19.9





#40

Benzene

Concen: 1.453 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX041467.D

Acq: 10 May 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

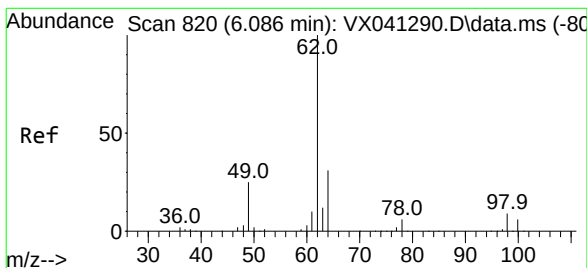
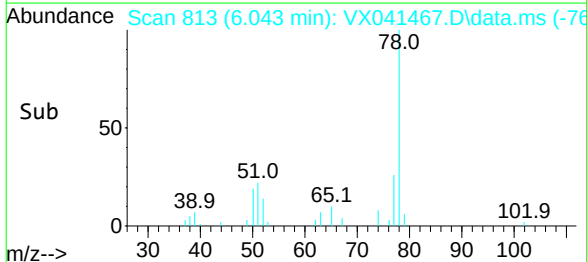
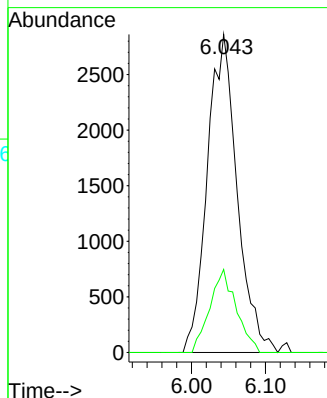
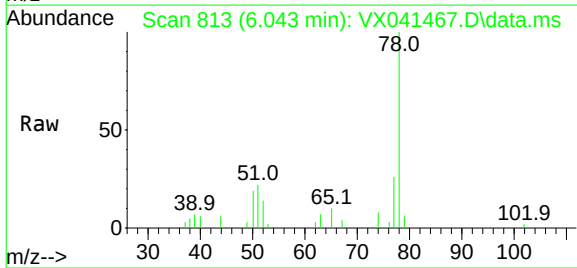
RMW-03B-90-051024

Tgt Ion: 78 Resp: 8013

Ion Ratio Lower Upper

78 100

77 26.1 19.3 28.9



#42

1,2-Dichloroethane

Concen: 4.744 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX041467.D

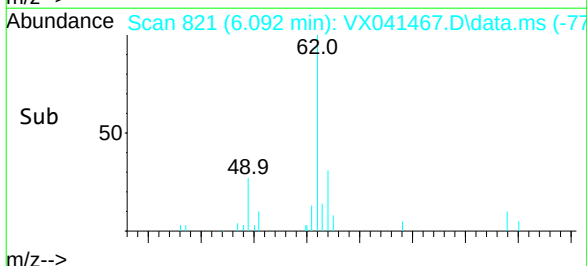
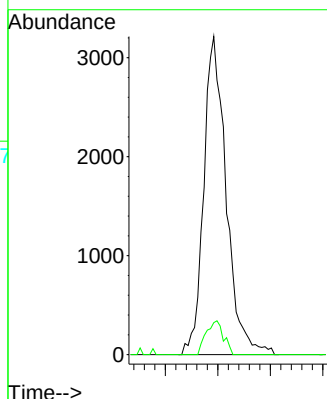
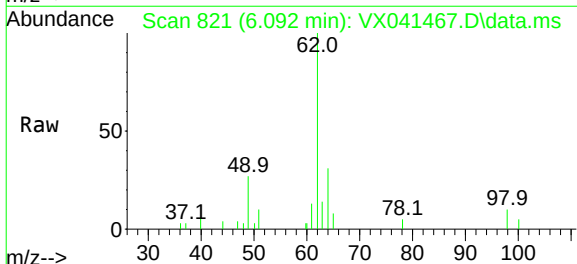
Acq: 10 May 2024 18:30

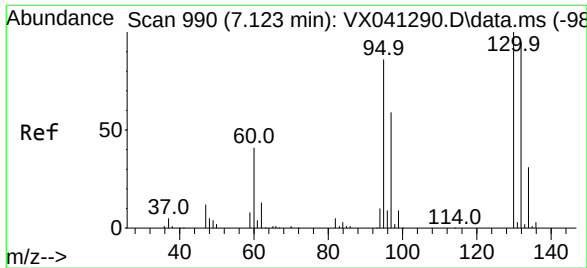
Tgt Ion: 62 Resp: 9587

Ion Ratio Lower Upper

62 100

98 8.2 0.0 16.0





#44

Trichloroethene

Concen: 2482.563 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX041467.D

Acq: 10 May 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

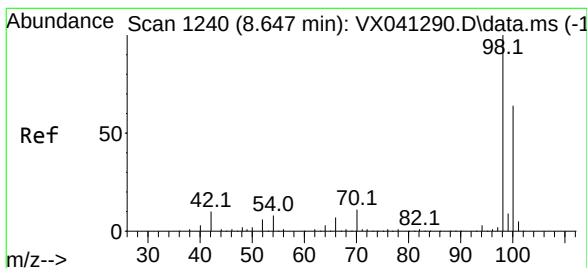
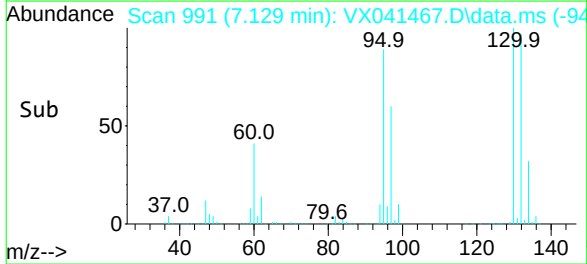
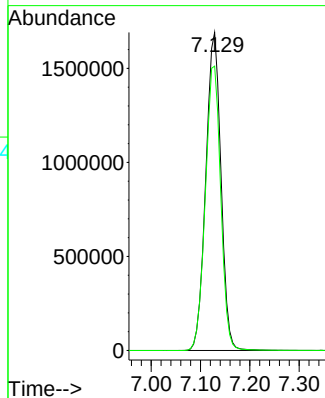
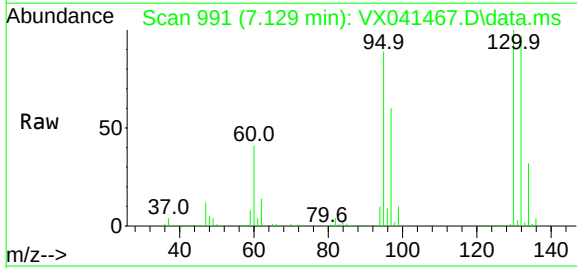
RMW-03B-90-051024

Tgt Ion:130 Resp: 3614543

Ion Ratio Lower Upper

130 100

95 89.4 0.0 204.4



#50

Toluene-d8

Concen: 53.376 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041467.D

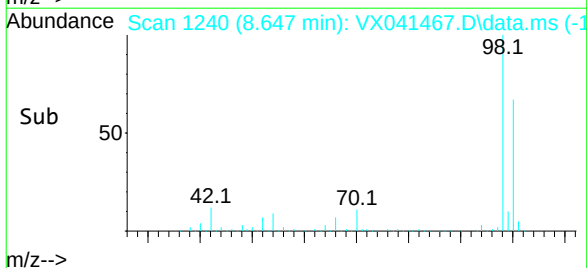
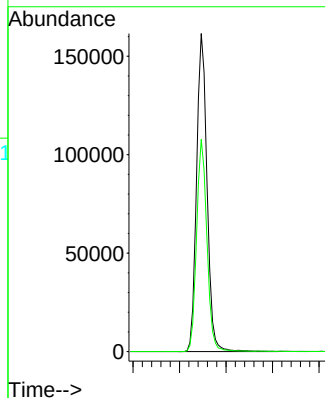
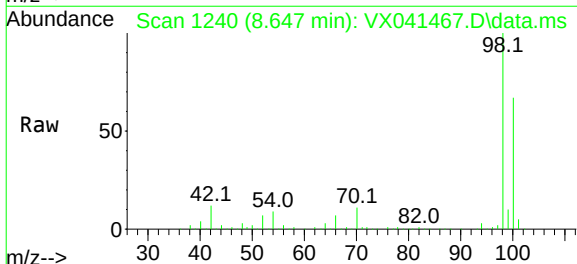
Acq: 10 May 2024 18:30

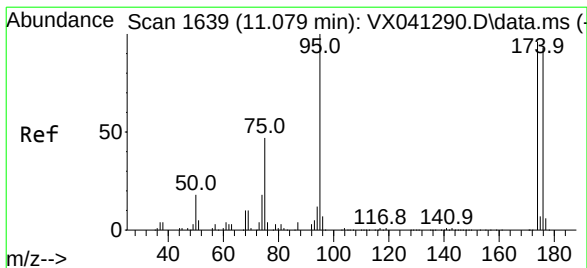
Tgt Ion: 98 Resp: 252696

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 52.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041467.D

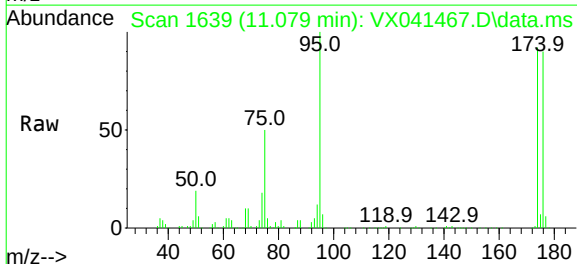
Acq: 10 May 2024 18:30

Instrument :

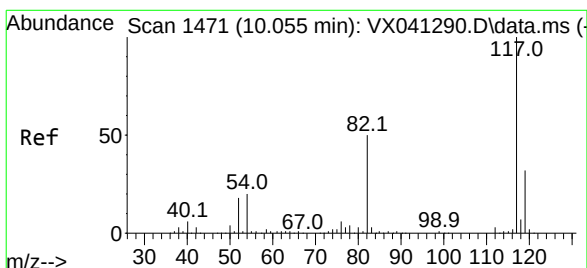
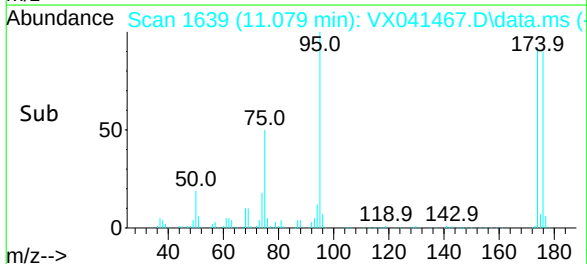
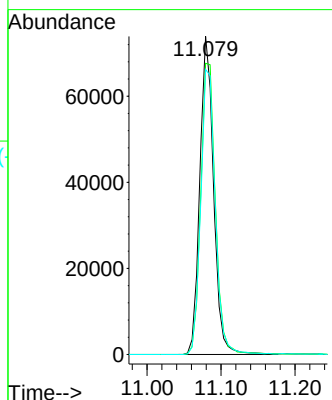
MSVOA_X

ClientSampleId :

RMW-03B-90-051024



Tgt Ion:	95	Resp:	95599
Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	135.6
176	94.7	0.0	131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

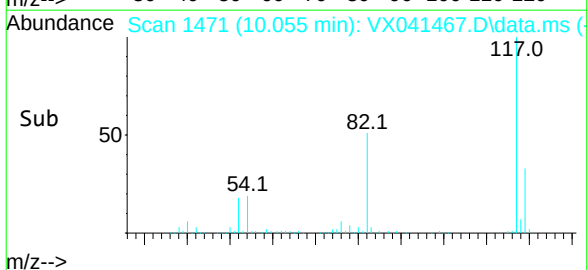
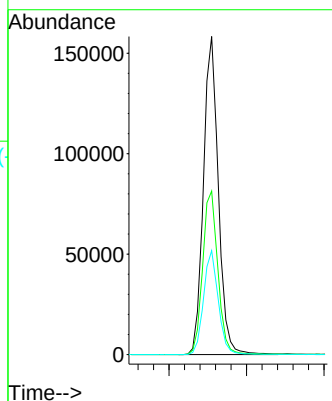
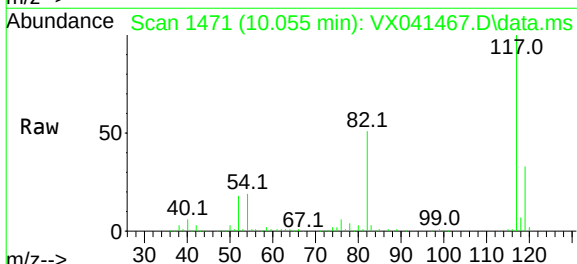
RT: 10.055 min Scan# 1471

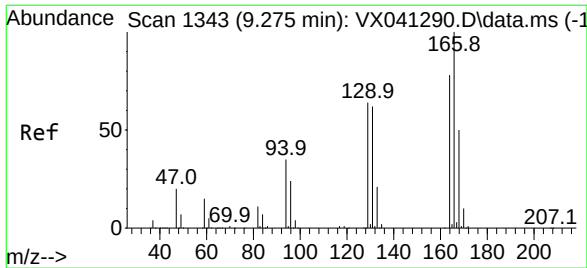
Delta R.T. -0.000 min

Lab File: VX041467.D

Acq: 10 May 2024 18:30

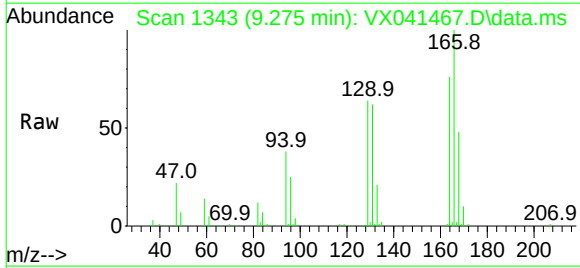
Tgt Ion:	117	Resp:	211888
Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.2	69.4
119	32.7	25.5	38.3



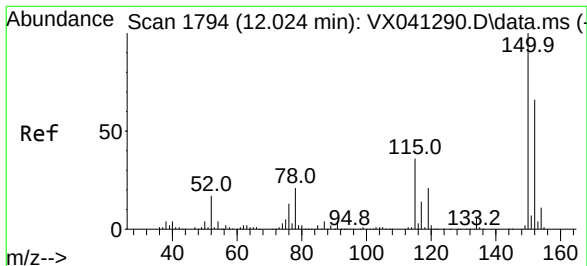
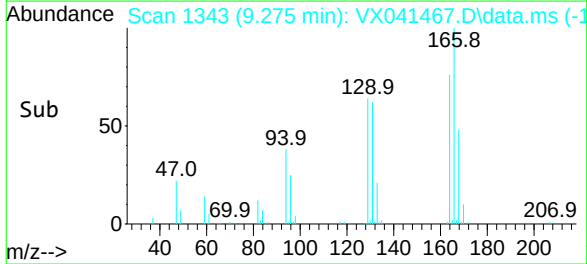
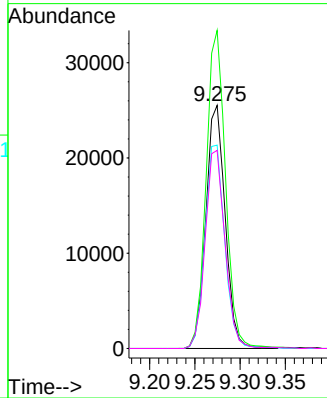


#64
Tetrachloroethene
Concen: 24.788 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-051024



Tgt Ion:	164	Resp:	38033
Ion	Ratio	Lower	Upper
164	100		
166	130.8	102.7	154.1
129	83.6	80.4	120.6
131	81.5	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041467.D
Acq: 10 May 2024 18:30

Tgt Ion:	152	Resp:	104154
Ion	Ratio	Lower	Upper
152	100		
115	54.4	43.3	129.9
150	158.2	0.0	345.0

