

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041468.D
 Acq On : 10 May 2024 18:53
 Operator : JC/MD
 Sample : P2455-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-66-051024

Quant Time: May 11 01:38:55 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)

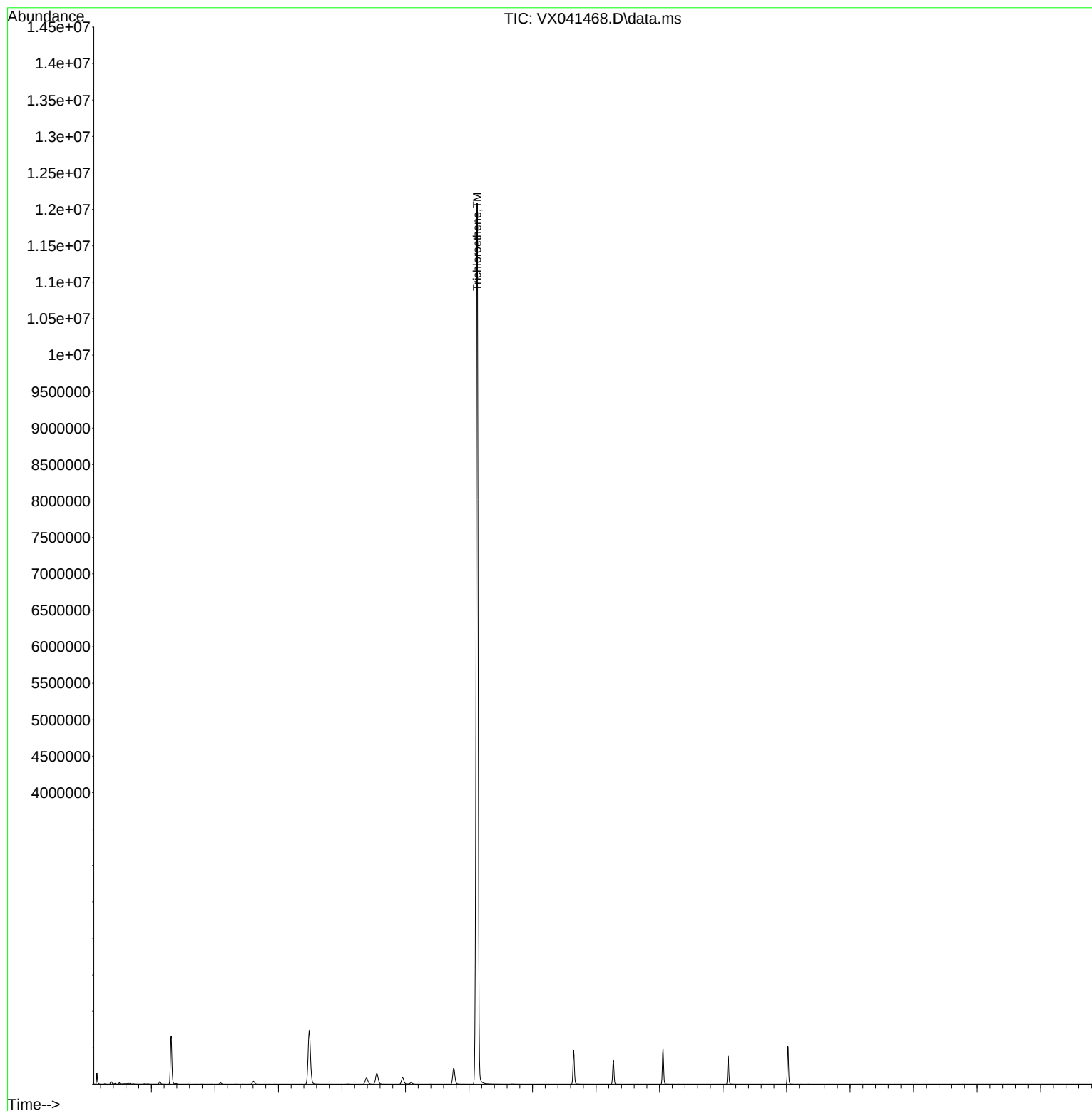
Internal Standards						
1) Pentafluorobenzene	5.549	168	159281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91161	52.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.140%			
35) Dibromofluoromethane	5.385	113	73781	46.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.260%			
50) Toluene-d8	8.646	98	269001	53.138	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.280%			
62) 4-Bromofluorobenzene	11.079	95	91353	46.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.240%			
Target Compounds						
4) Vinyl Chloride	1.373	62	4916	3.808	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	18185	14.533	ug/l	90
12) 1,1-Dichloroethene	2.312	96	207097	167.785	ug/l	87
16) Acetone	2.391	43	10030	9.371	ug/l	93
21) trans-1,2-Dichloroethene	3.086	96	7613	5.519	ug/l	91
24) 1,1-Dichloroethane	3.611	63	43723	17.610	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	469833	287.673	ug/l	82
30) Chloroform	5.092	83	3458	1.339	ug/l	93
40) Benzene	6.043	78	4264	0.723	ug/l	94
42) 1,2-Dichloroethane	6.086	62	22846	10.573	ug/l	94
44) Trichloroethene	7.128	130	4899824	3147.268	ug/l	88
64) Tetrachloroethene	9.274	164	67261	41.061	ug/l	90

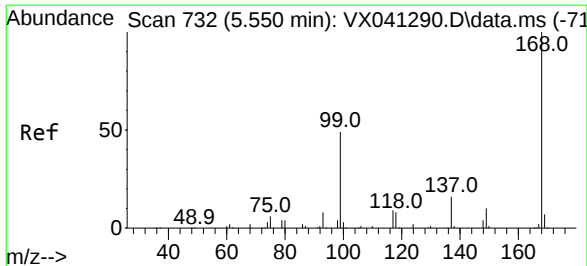
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
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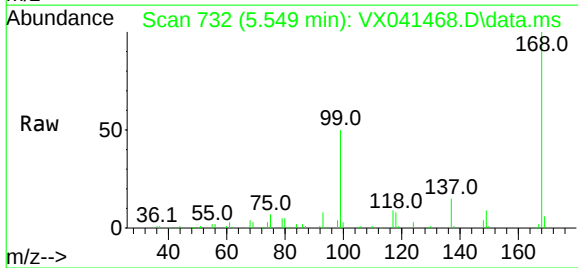
Quant Time: May 11 01:38:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
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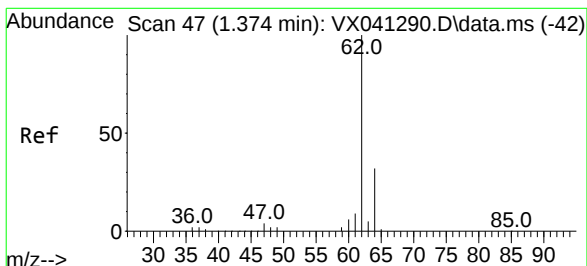
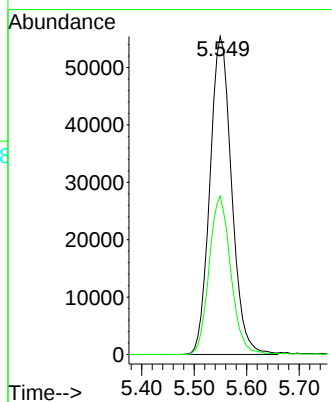
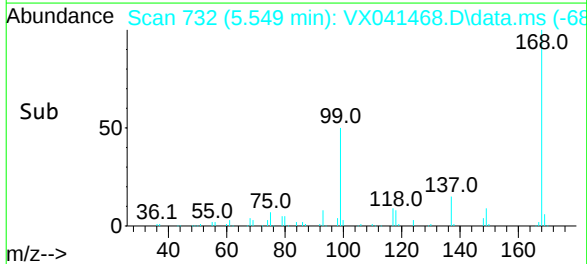


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 73
Delta R.T. -0.001 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-051024

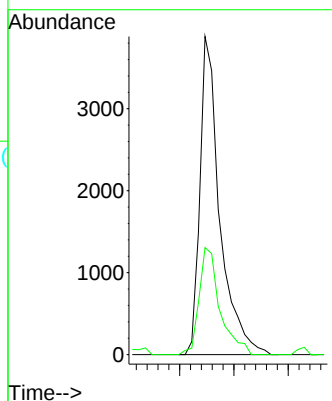
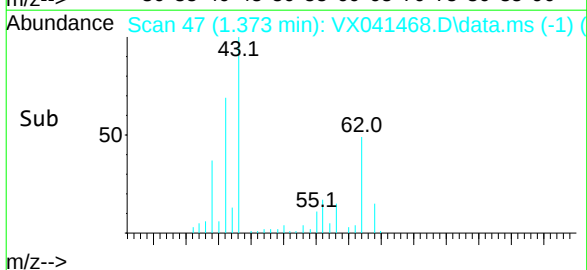
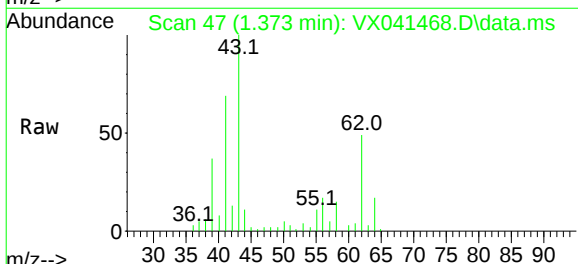


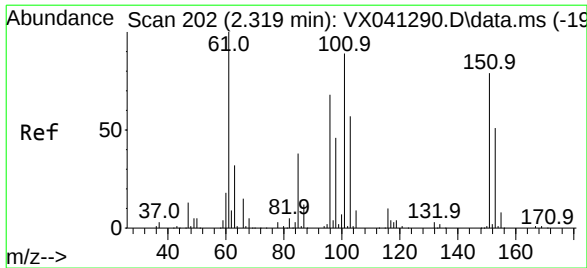
Tgt Ion: 168 Resp: 159281
Ion Ratio Lower Upper
168 100
99 49.8 56.6 85.0#



#4
Vinyl Chloride
Concen: 3.808 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

Tgt Ion: 62 Resp: 4916
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0

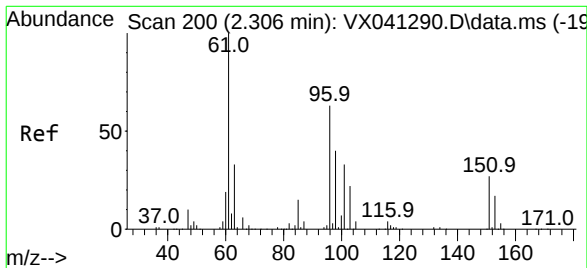
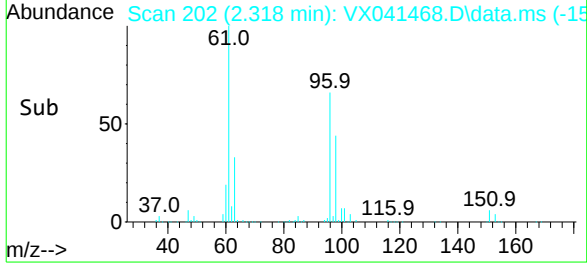
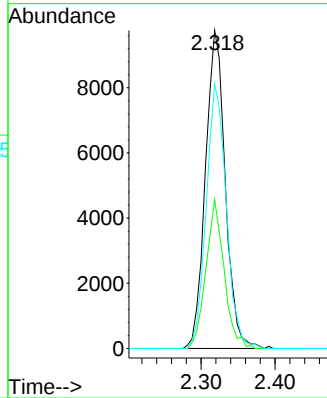
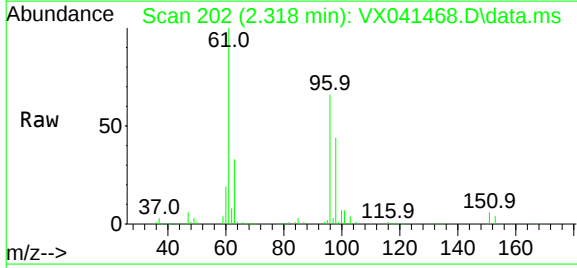




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.533 ug/l
RT: 2.318 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

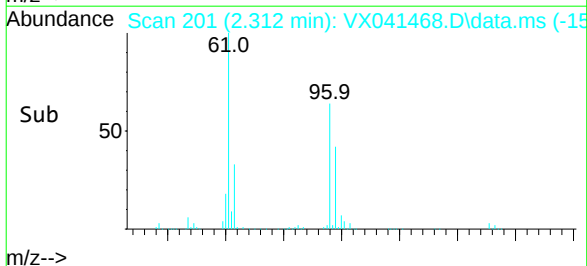
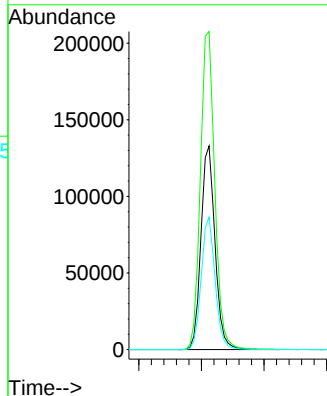
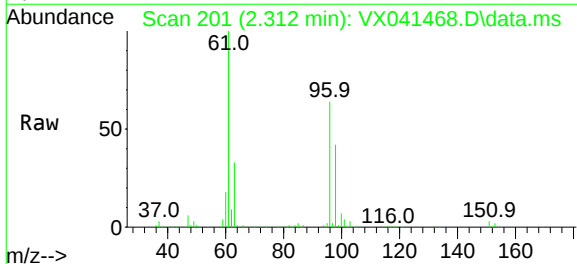
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-051024

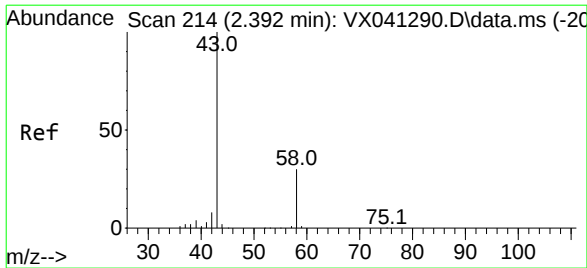
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.0	37.0	55.6
151	84.0	58.6	87.8



#12
1,1-Dichloroethene
Concen: 167.785 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	144.6	216.8
98	65.1	50.4	75.6





#16

Acetone

Concen: 9.371 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.001 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

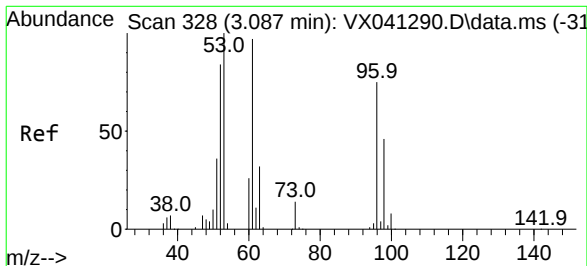
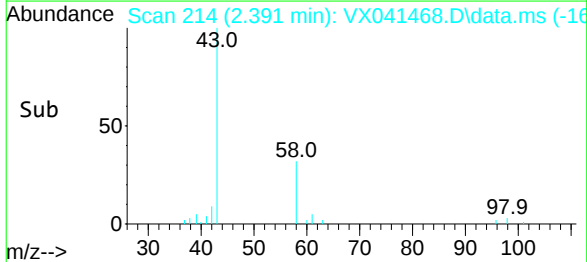
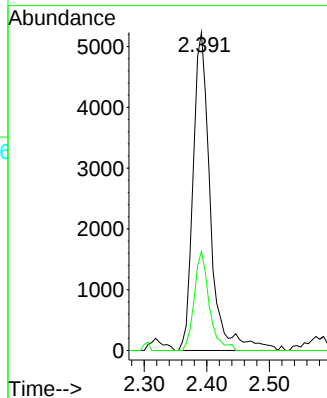
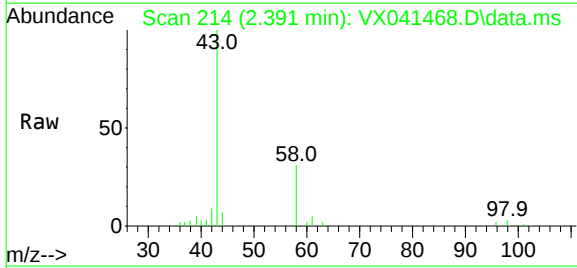
RMW-02B-66-051024

Tgt Ion: 43 Resp: 10030

Ion Ratio Lower Upper

43 100

58 31.1 21.9 32.9



#21

trans-1,2-Dichloroethene

Concen: 5.519 ug/l

RT: 3.086 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

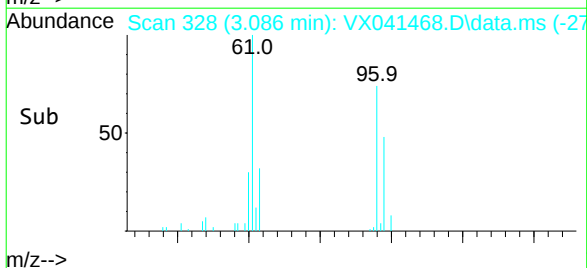
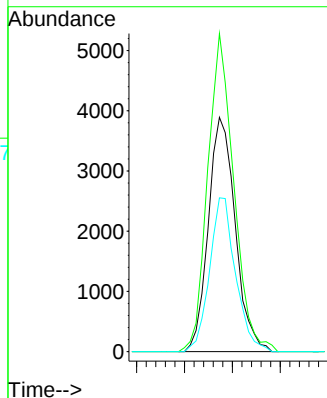
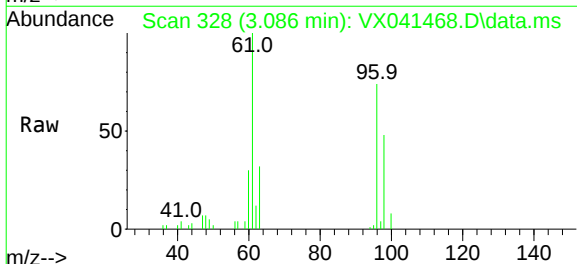
Tgt Ion: 96 Resp: 7613

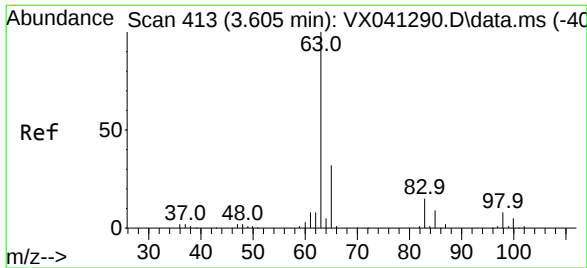
Ion Ratio Lower Upper

96 100

61 135.8 119.2 178.8

98 65.6 48.7 73.1





#24

1,1-Dichloroethane

Concen: 17.610 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041468.D

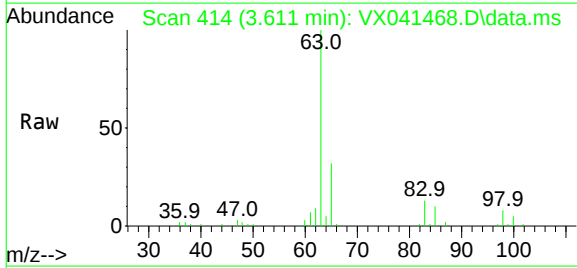
Acq: 10 May 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

RMW-02B-66-051024



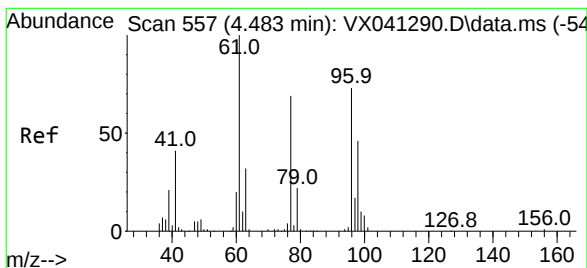
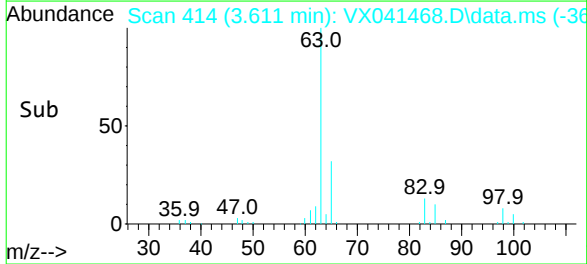
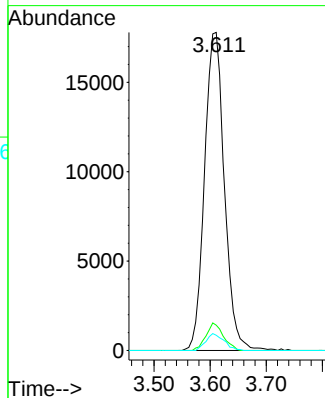
Tgt Ion: 63 Resp: 43723

Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

100 4.8 2.1 6.5



#27

cis-1,2-Dichloroethene

Concen: 287.673 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

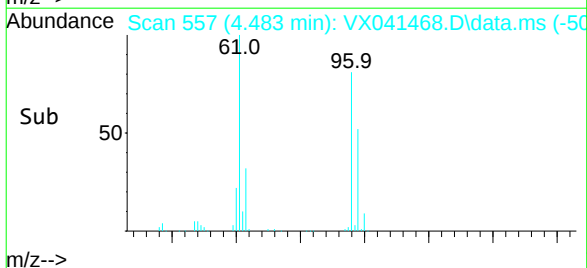
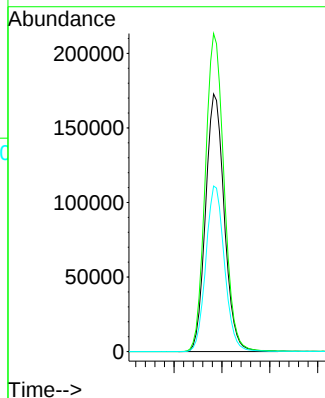
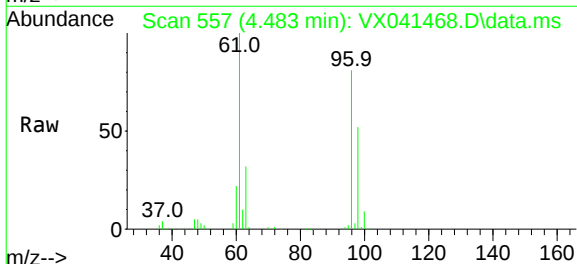
Tgt Ion: 96 Resp: 469833

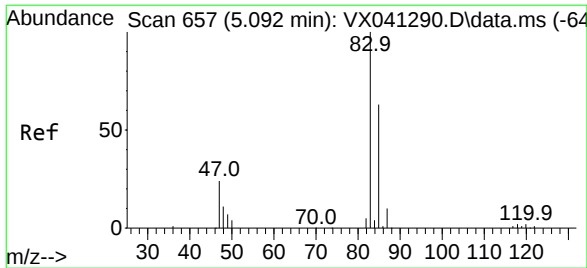
Ion Ratio Lower Upper

96 100

61 123.8 0.0 312.2

98 64.1 0.0 129.0





#30

Chloroform

Concen: 1.339 ug/l

RT: 5.092 min Scan# 65

Delta R.T. -0.000 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

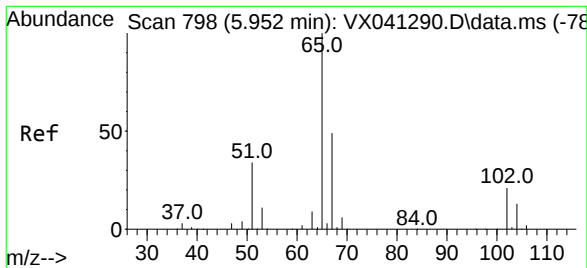
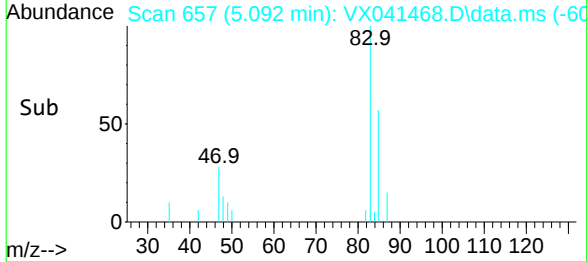
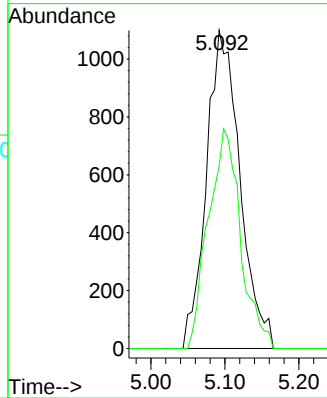
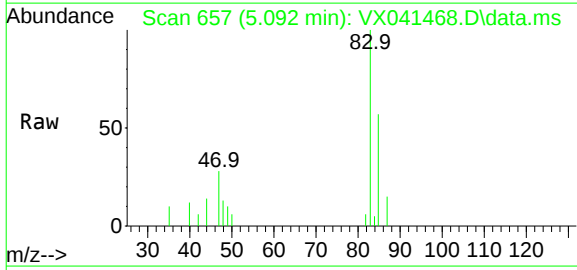
RMW-02B-66-051024

Tgt Ion: 83 Resp: 3458

Ion Ratio Lower Upper

83 100

85 57.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.573 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041468.D

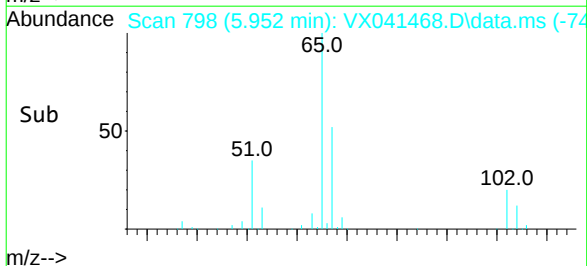
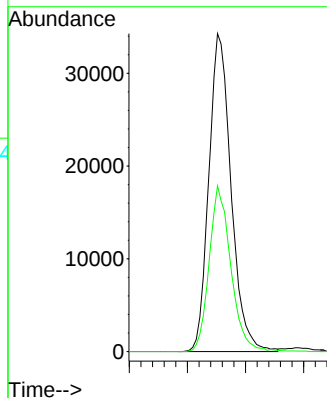
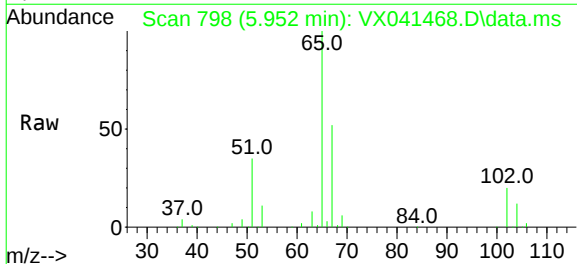
Acq: 10 May 2024 18:53

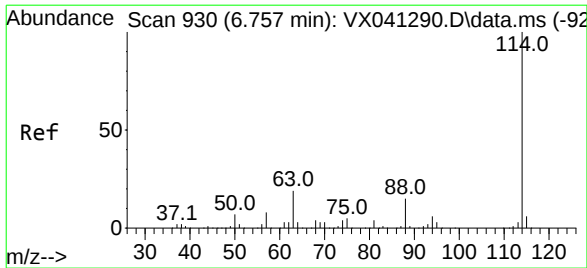
Tgt Ion: 65 Resp: 91161

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2

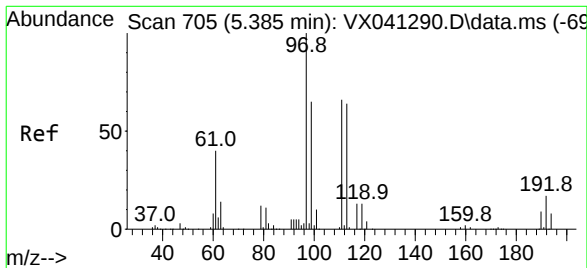
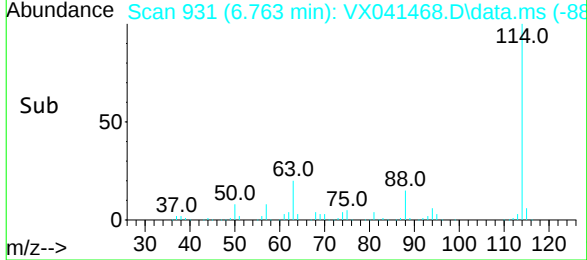
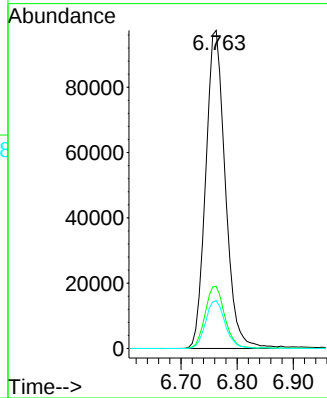
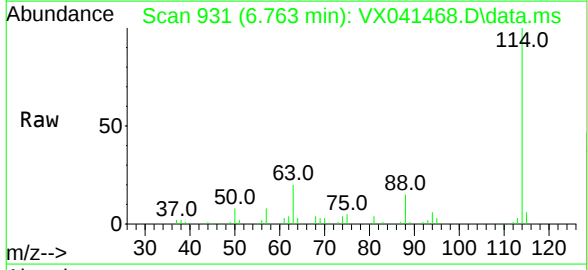




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

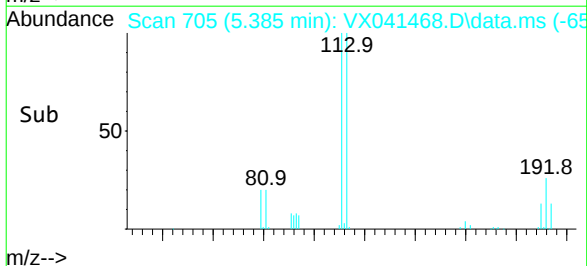
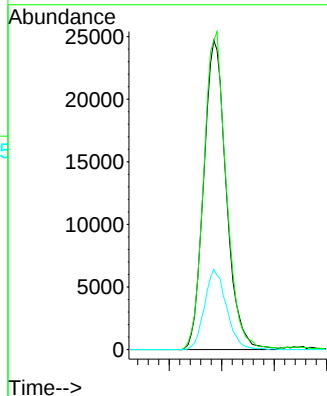
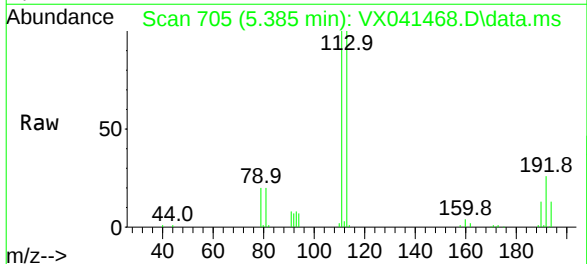
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RMW-02B-66-051024

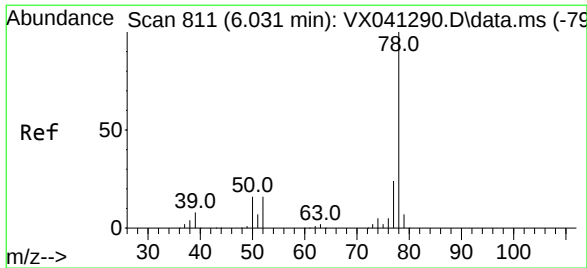
Tgt Ion:	114	Resp:	236018
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	45.0
88	15.1	0.0	36.6



#35
Dibromofluoromethane
Concen: 46.130 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

Tgt Ion:	113	Resp:	73781
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	25.2	13.3	19.9





#40

Benzene

Concen: 0.723 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

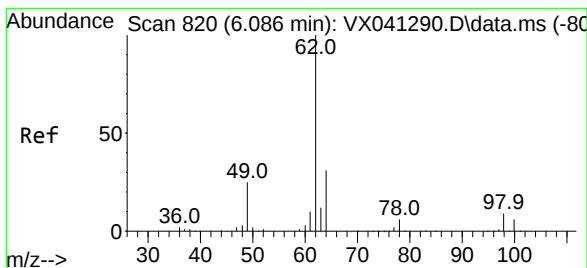
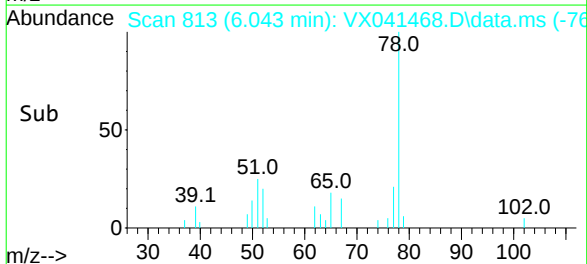
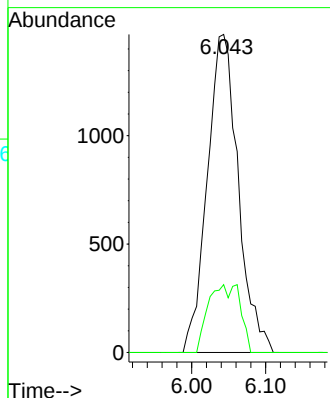
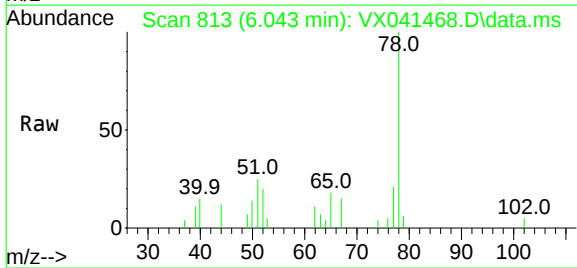
RMW-02B-66-051024

Tgt Ion: 78 Resp: 4264

Ion Ratio Lower Upper

78 100

77 21.3 19.3 28.9



#42

1,2-Dichloroethane

Concen: 10.573 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041468.D

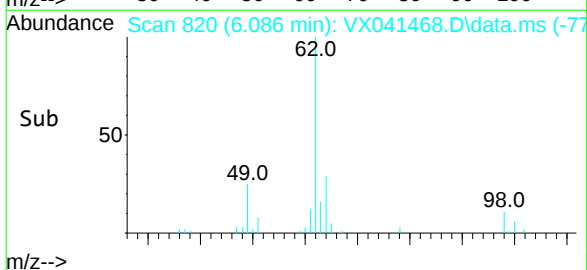
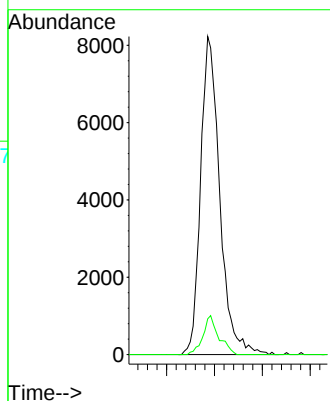
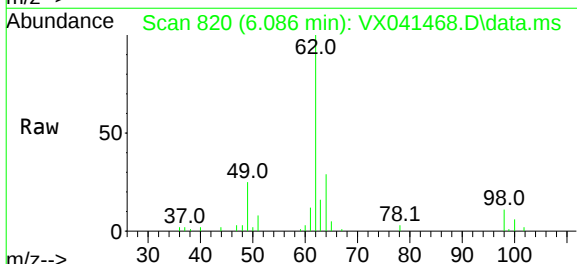
Acq: 10 May 2024 18:53

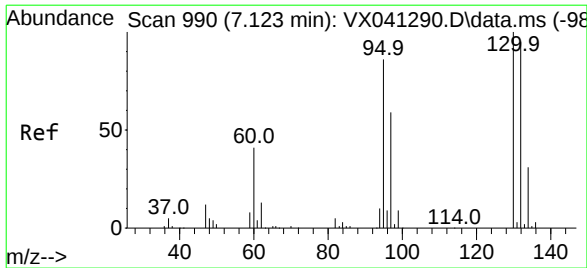
Tgt Ion: 62 Resp: 22846

Ion Ratio Lower Upper

62 100

98 10.1 0.0 16.0





#44

Trichloroethene

Concen: 3147.268 ug/l

RT: 7.128 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

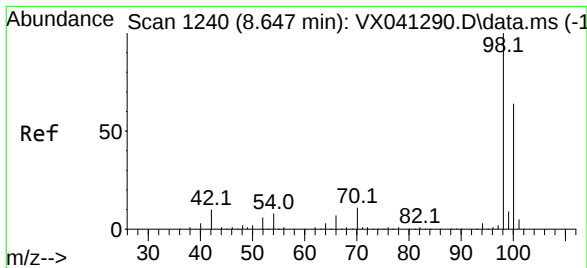
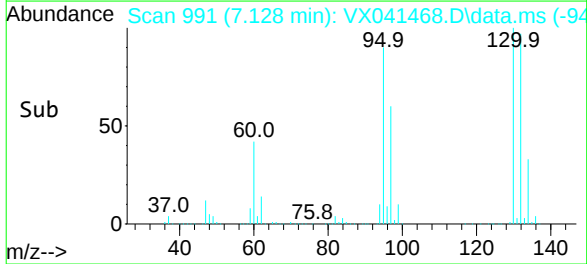
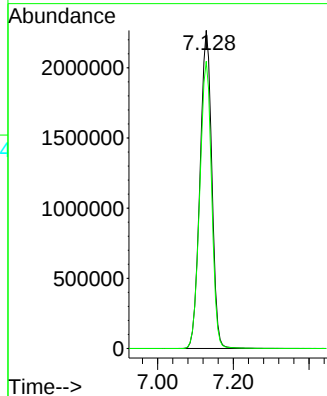
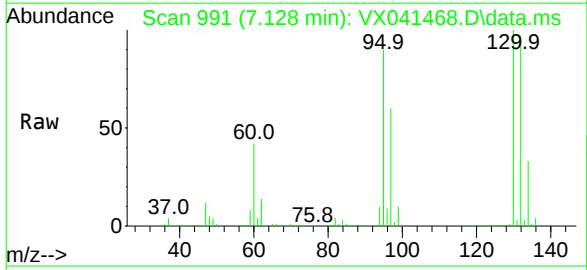
RMW-02B-66-051024

Tgt Ion:130 Resp: 4899824

Ion Ratio Lower Upper

130 100

95 90.3 0.0 204.4



#50

Toluene-d8

Concen: 53.138 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041468.D

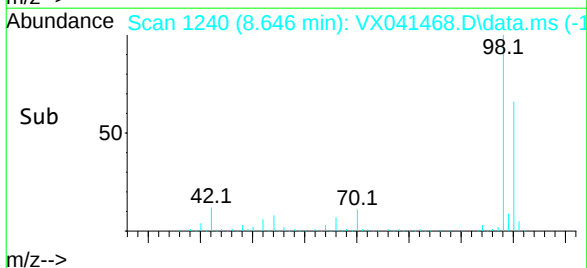
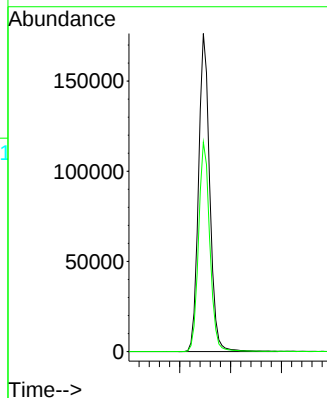
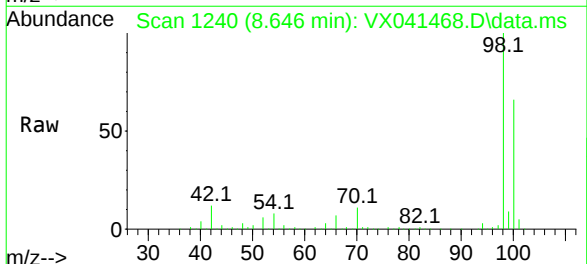
Acq: 10 May 2024 18:53

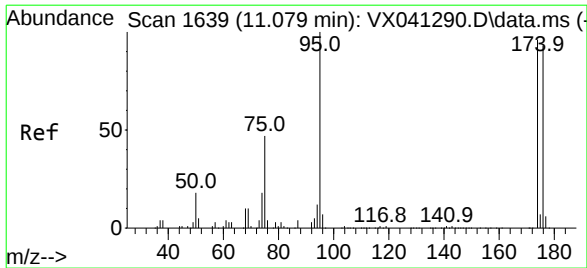
Tgt Ion: 98 Resp: 269001

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.617 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041468.D

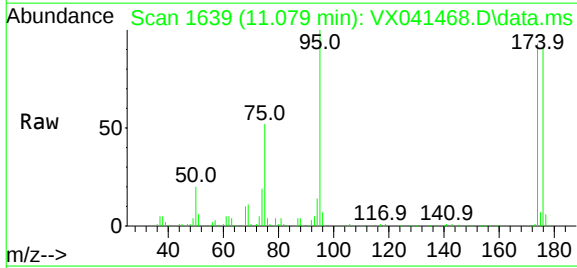
Acq: 10 May 2024 18:53

Instrument :

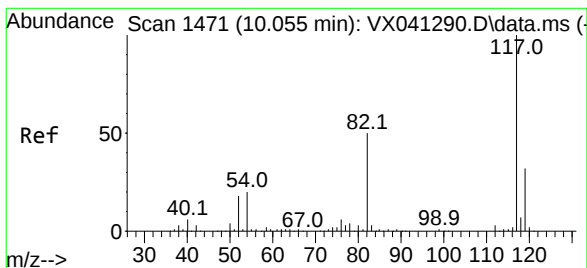
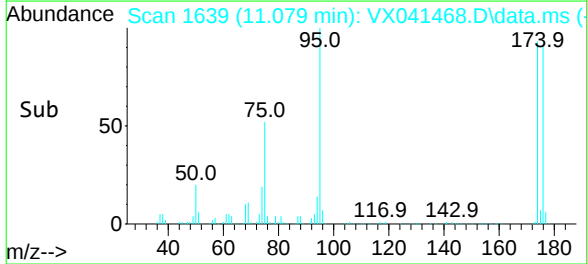
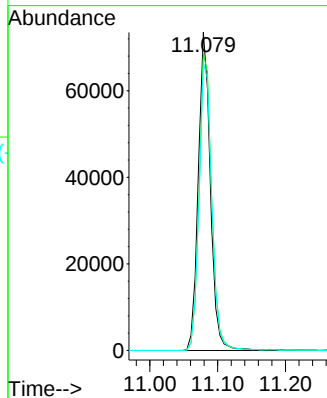
MSVOA_X

ClientSampleId :

RMW-02B-66-051024



Tgt Ion:	95	Resp:	91353
Ion Ratio	Lower	Upper	
95	100		
174	97.3	0.0	135.6
176	95.4	0.0	131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

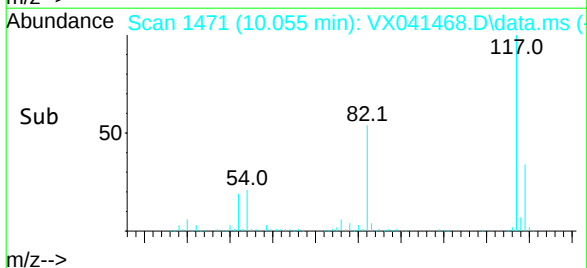
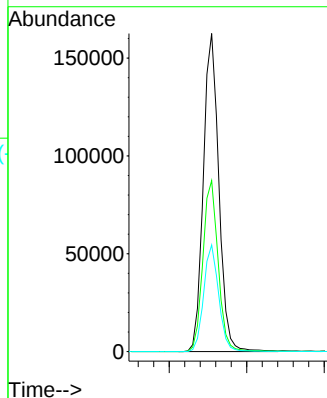
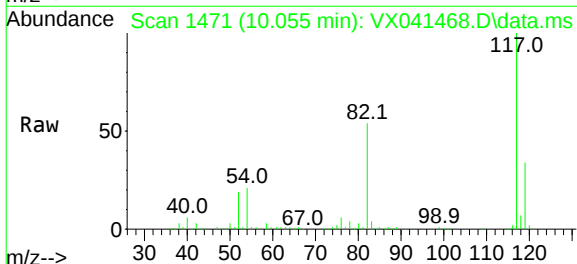
RT: 10.055 min Scan# 1471

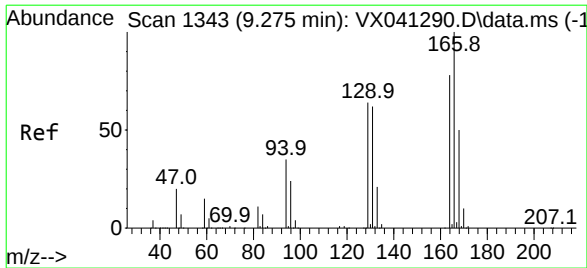
Delta R.T. -0.000 min

Lab File: VX041468.D

Acq: 10 May 2024 18:53

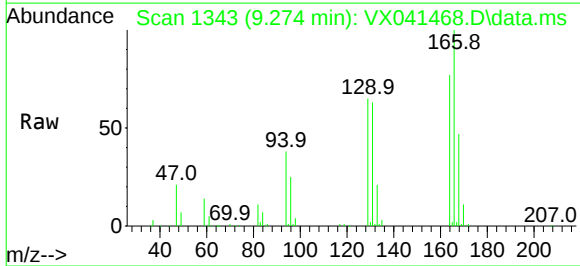
Tgt Ion:	117	Resp:	226212
Ion Ratio	Lower	Upper	
117	100		
82	53.8	46.2	69.4
119	33.5	25.5	38.3



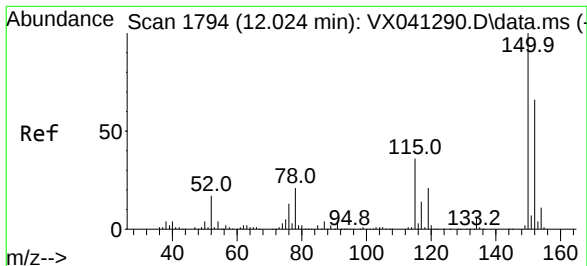
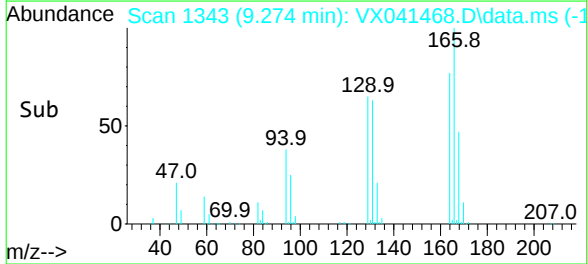
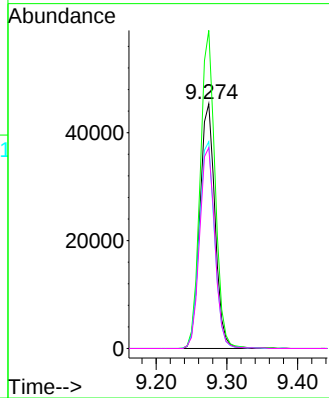


#64
Tetrachloroethene
Concen: 41.061 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041468.D
Acq: 10 May 2024 18:53

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-051024



Tgt Ion:	164	Resp:	67261
Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.7	154.1
129	84.5	80.4	120.6
131	82.1	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: VX041468.D
Acq: 10 May 2024 18:53

Tgt Ion:	152	Resp:	118411
Ion	Ratio	Lower	Upper
152	100		
115	54.0	43.3	129.9
150	156.8	0.0	345.0

