

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031534.D
 Acq On : 21 Sep 2022 19:01
 Operator : JC/MD
 Sample : N4614-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRB

Quant Time: Sep 22 01:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

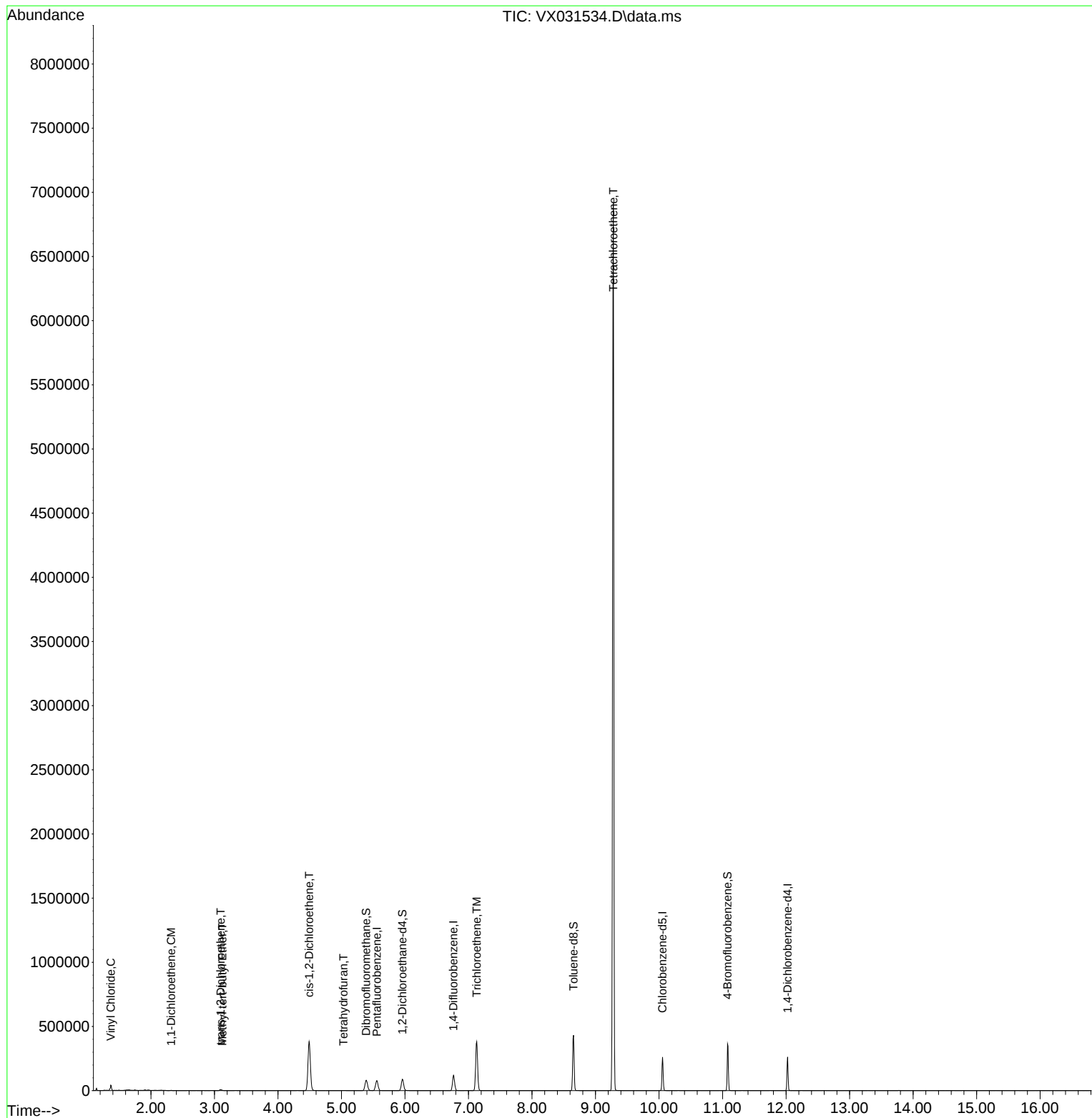
Internal Standards						
1) Pentafluorobenzene	5.556	168	74493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77780	56.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.960%	
35) Dibromofluoromethane	5.385	113	66481	53.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	8.653	98	254511	52.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	11.079	95	81554	49.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.368	62	20072	12.389	ug/l	100
12) 1,1-Dichloroethene	2.319	96	723	0.624	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	3074	0.733	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	2710	2.070	ug/l #	86
27) cis-1,2-Dichloroethene	4.489	96	234765	148.765	ug/l	80
29) Tetrahydrofuran	5.032	42	1042	1.515	ug/l #	64
44) Trichloroethene	7.129	130	142969	87.679	ug/l	92
64) Tetrachloroethene	9.281	164	1092918	824.157	ug/l	96

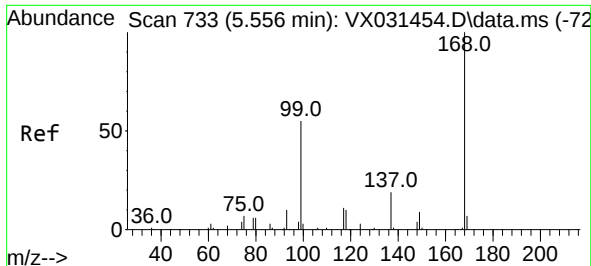
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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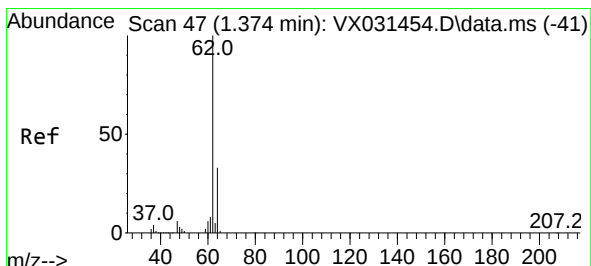
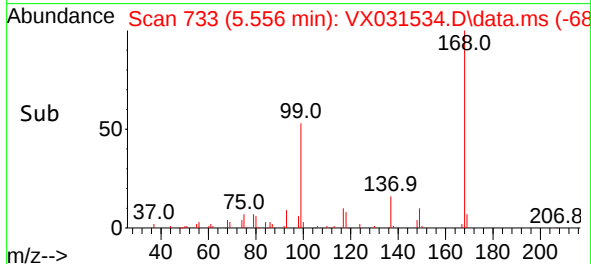
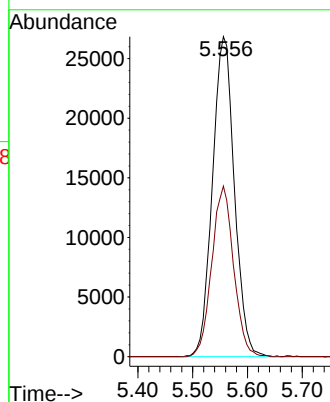
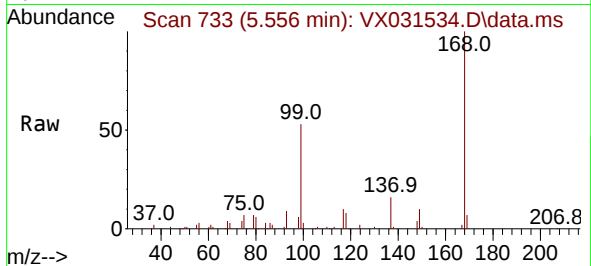




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

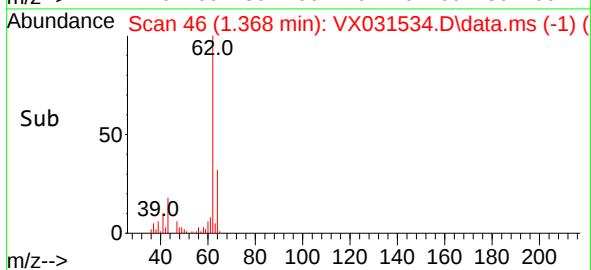
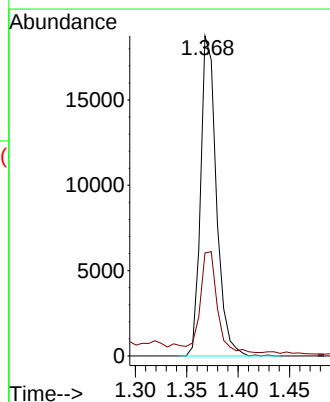
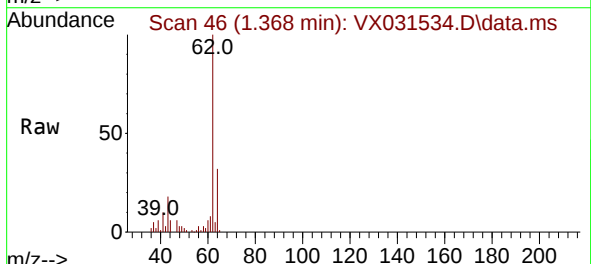
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRB

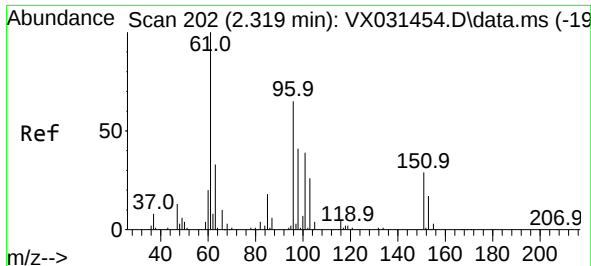
Tgt Ion:168 Resp: 74493
Ion Ratio Lower Upper
168 100
99 53.3 48.8 73.2



#4
Vinyl Chloride
Concen: 12.389 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Tgt Ion: 62 Resp: 20072
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





#12

1,1-Dichloroethene

Concen: 0.624 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031534.D

Acq: 21 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3RRB

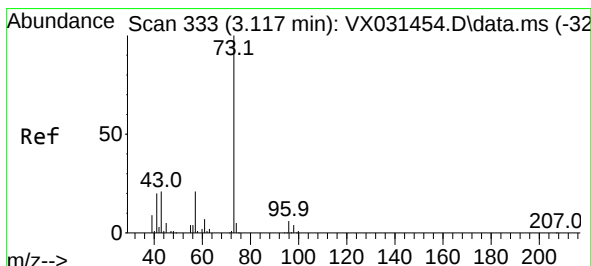
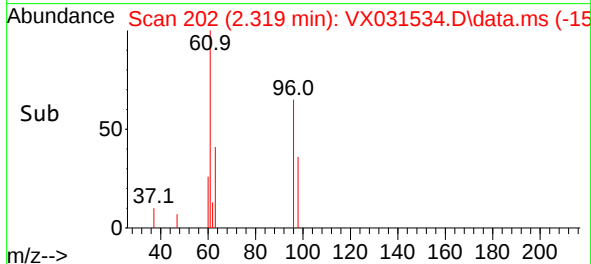
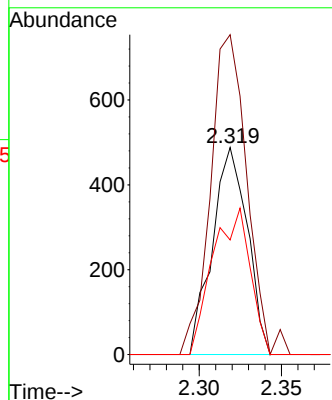
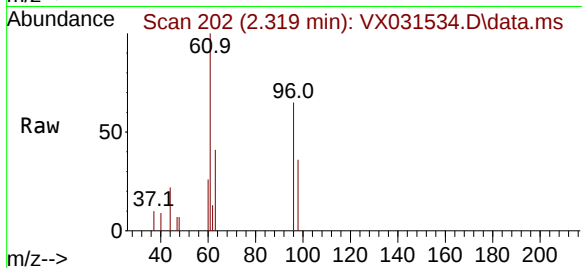
Tgt Ion: 96 Resp: 723

Ion Ratio Lower Upper

96 100

61 154.5 135.3 202.9

98 55.3 49.4 74.2



#19

Methyl tert-butyl Ether

Concen: 0.733 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX031534.D

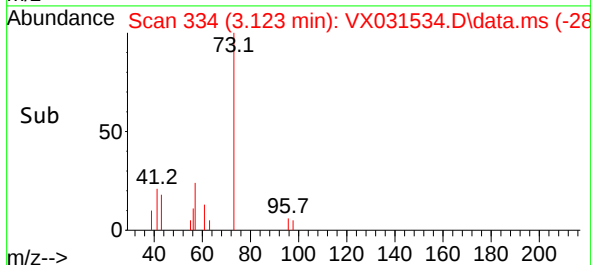
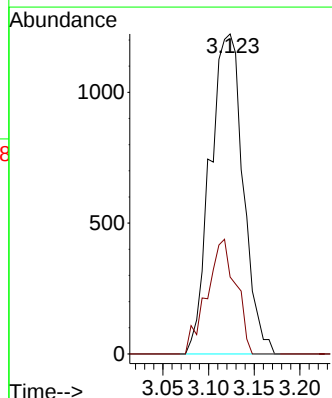
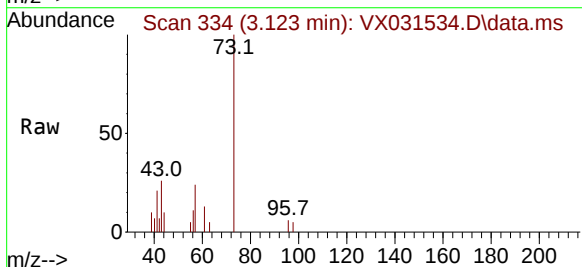
Acq: 21 Sep 2022 19:01

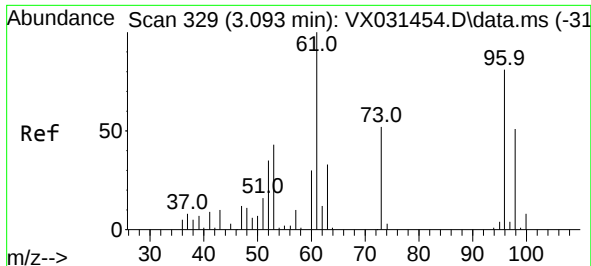
Tgt Ion: 73 Resp: 3074

Ion Ratio Lower Upper

73 100

57 24.0 17.2 25.8

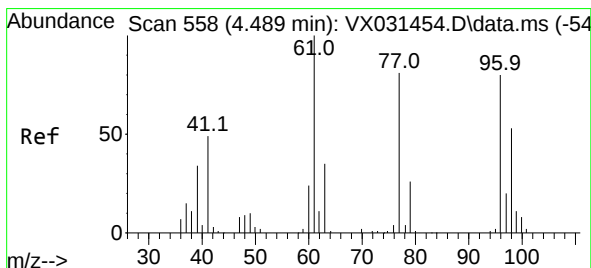
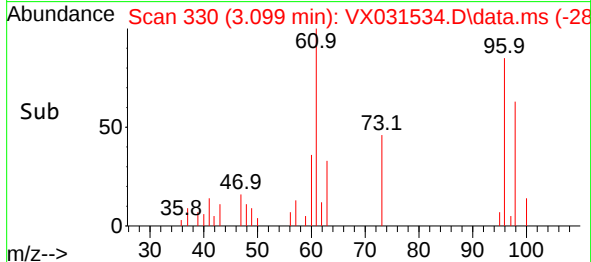
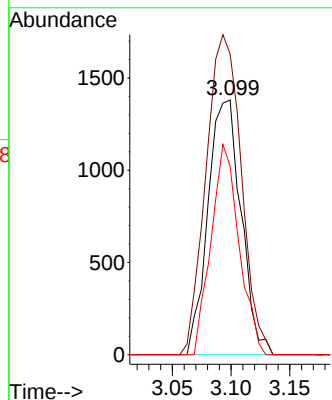
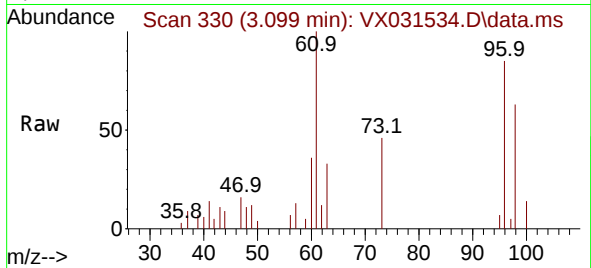




#21
trans-1,2-Dichloroethene
Concen: 2.070 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

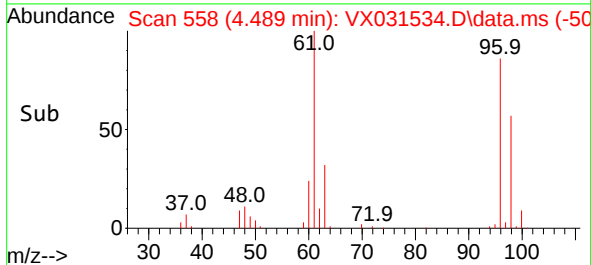
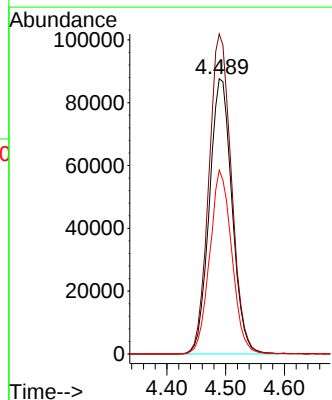
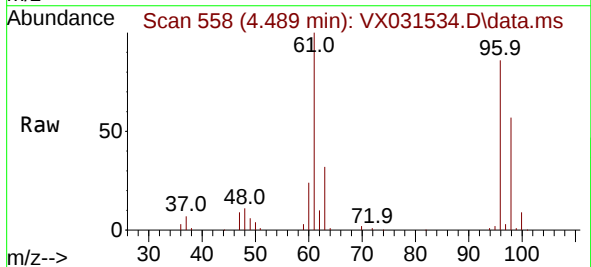
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRB

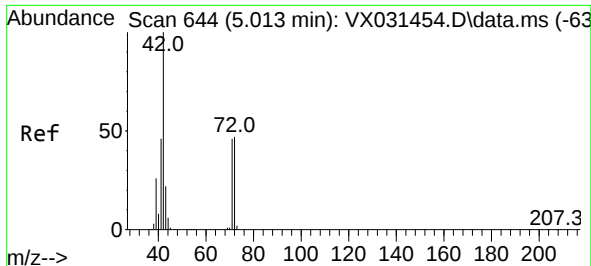
Tgt Ion: 96 Resp: 2710
Ion Ratio Lower Upper
96 100
61 118.0 106.7 160.1
98 74.0 48.7 73.1#



#27
cis-1,2-Dichloroethene
Concen: 148.765 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Tgt Ion: 96 Resp: 234765
Ion Ratio Lower Upper
96 100
61 116.0 0.0 305.2
98 65.1 0.0 128.4





#29

Tetrahydrofuran

Concen: 1.515 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX031534.D

Acq: 21 Sep 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3RRB

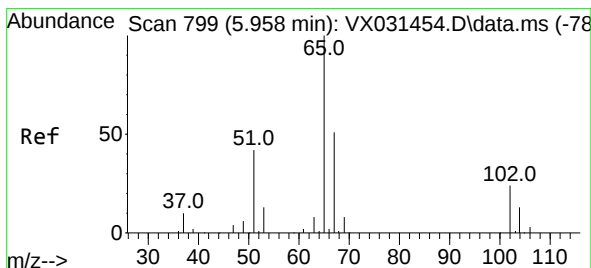
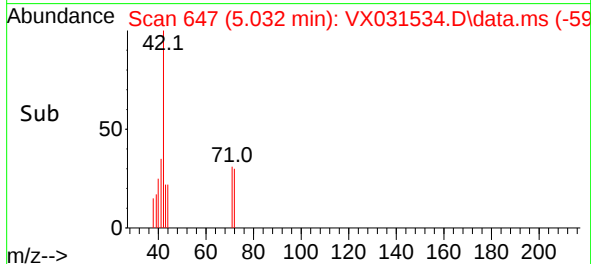
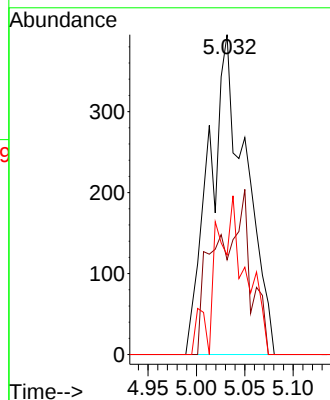
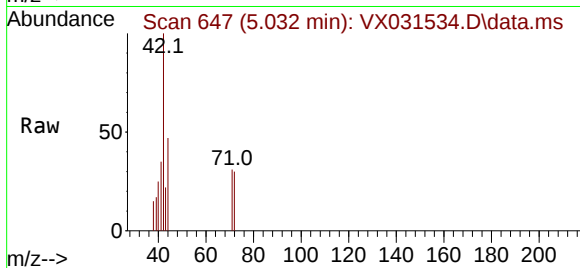
Tgt Ion: 42 Resp: 1042

Ion Ratio Lower Upper

42 100

72 22.6 36.4 54.6#

71 18.7 33.5 50.3#



#33

1,2-Dichloroethane-d4

Concen: 56.978 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031534.D

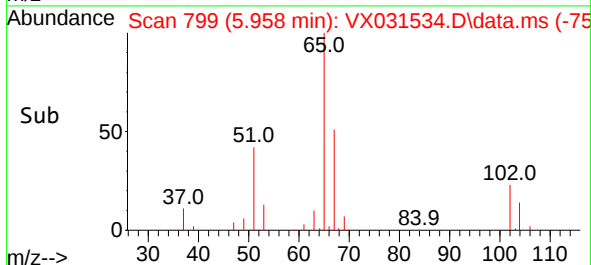
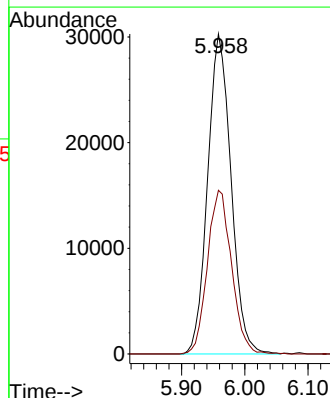
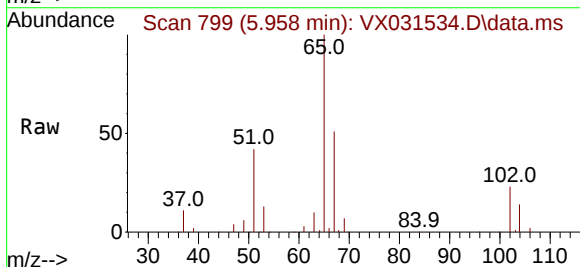
Acq: 21 Sep 2022 19:01

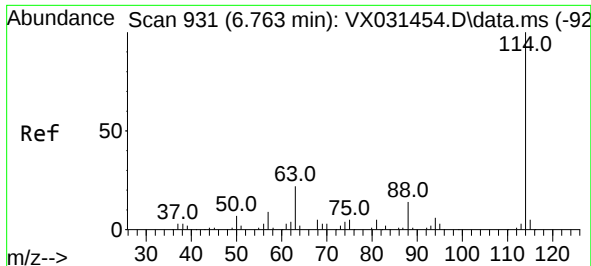
Tgt Ion: 65 Resp: 77780

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4

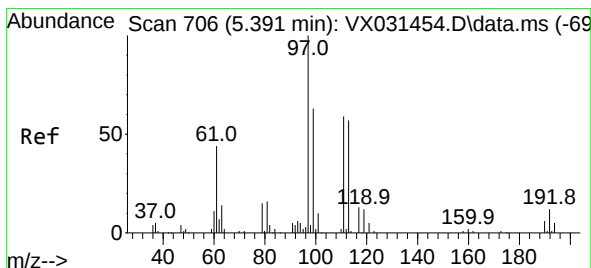
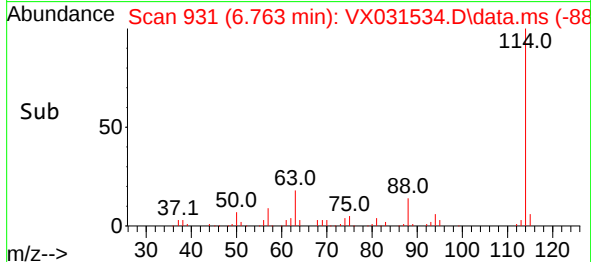
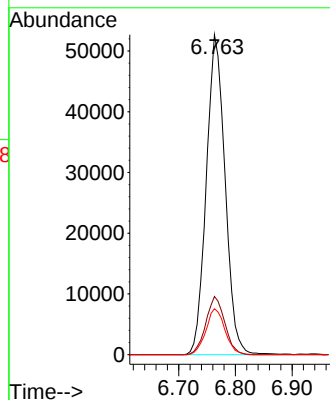
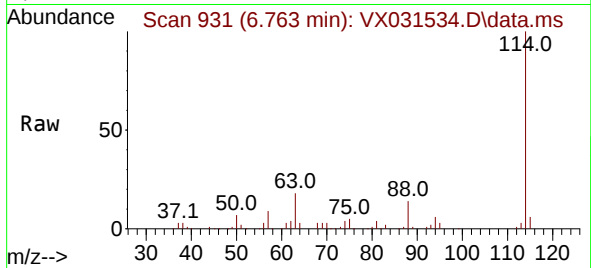




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

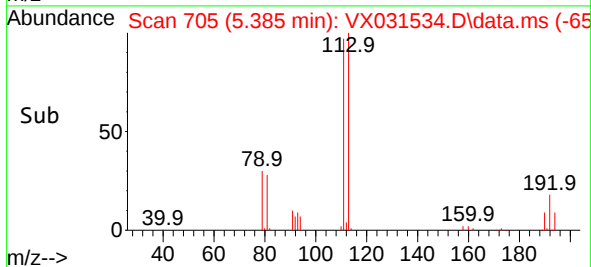
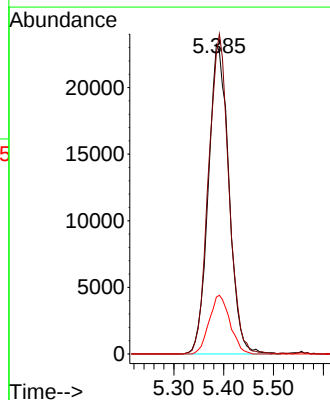
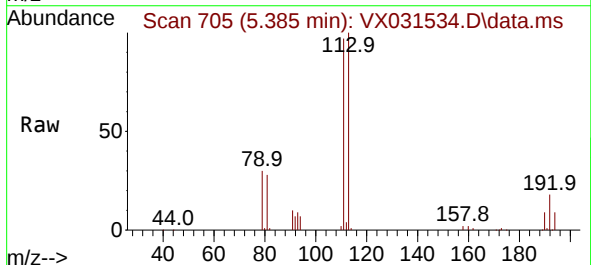
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRB

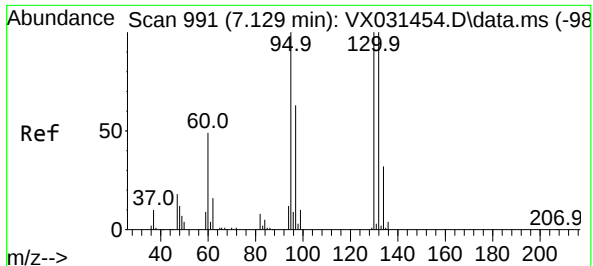
Tgt Ion:114 Resp: 121274
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Tgt Ion:113 Resp: 66481
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.1 14.1 21.1

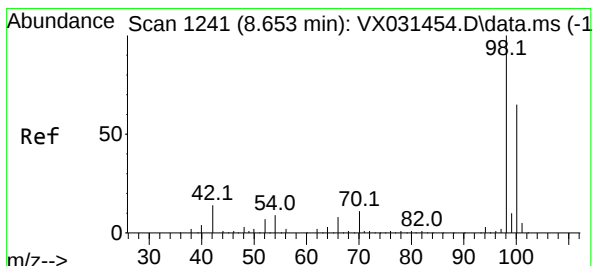
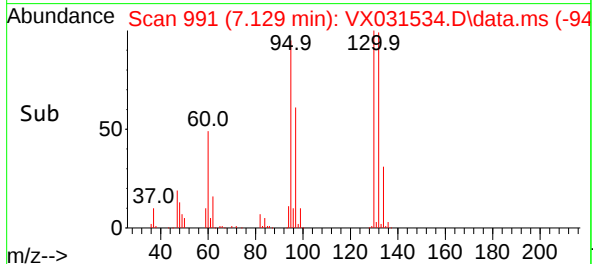
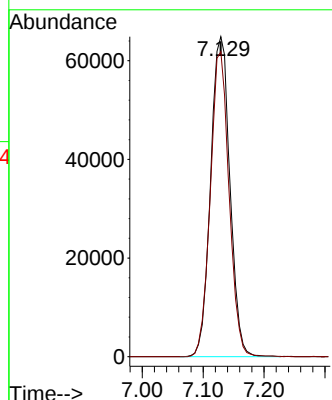
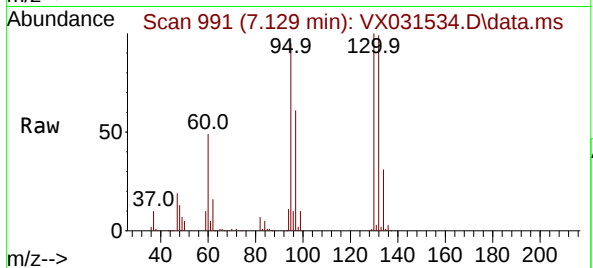




#44
 Trichloroethene
 Concen: 87.679 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX031534.D
 Acq: 21 Sep 2022 19:01

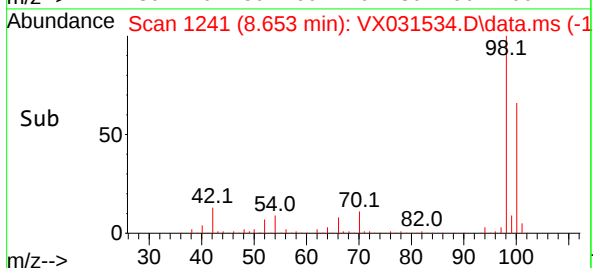
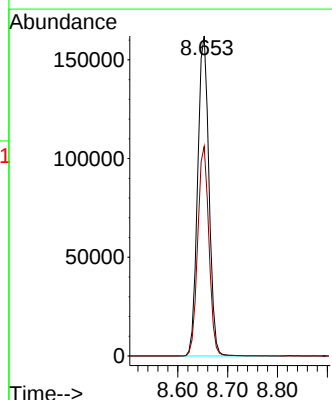
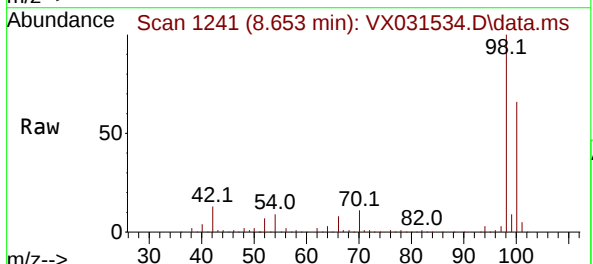
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 MW-3RRB

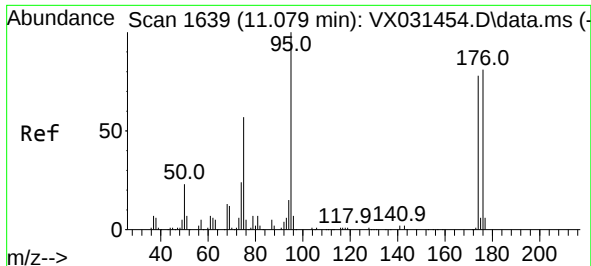
Tgt Ion:130 Resp: 142969
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 206.8



#50
 Toluene-d8
 Concen: 52.676 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX031534.D
 Acq: 21 Sep 2022 19:01

Tgt Ion: 98 Resp: 254511
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.5 78.7

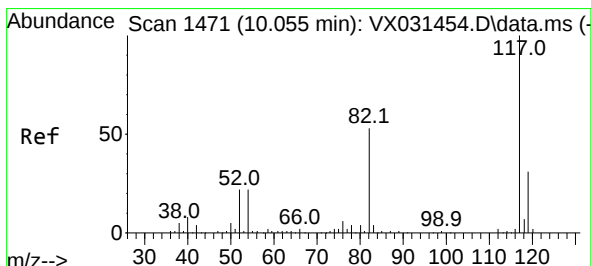
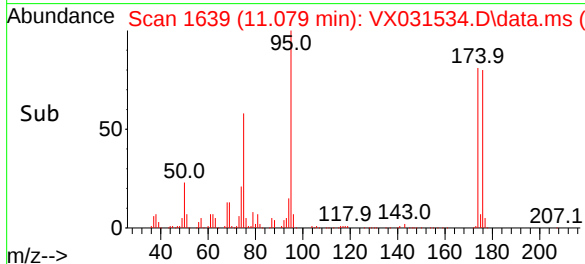
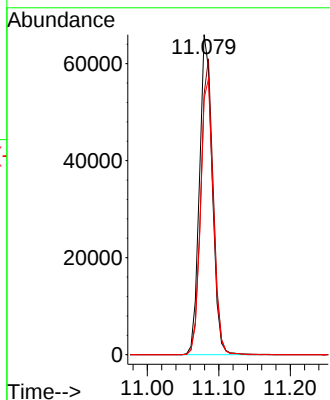
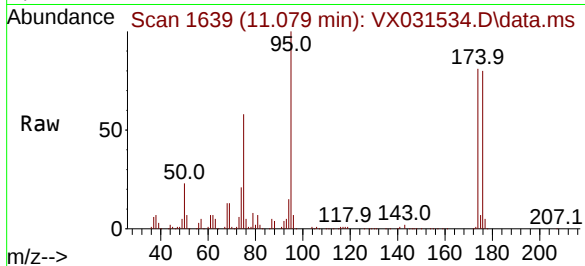




#62
4-Bromofluorobenzene
Concen: 49.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

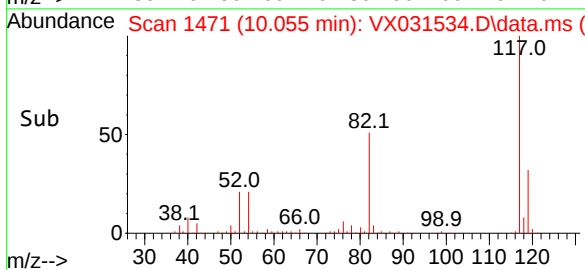
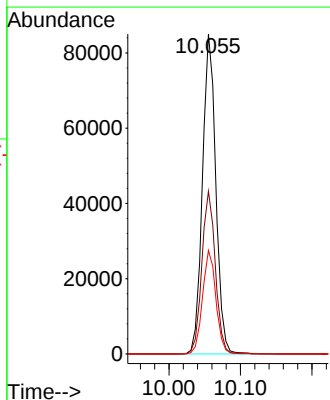
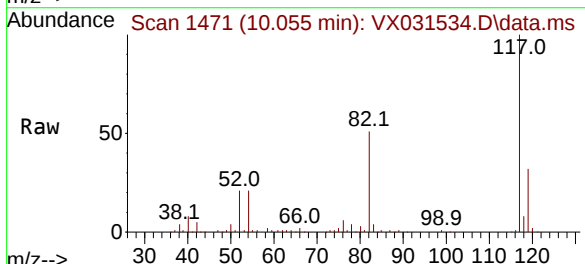
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRB

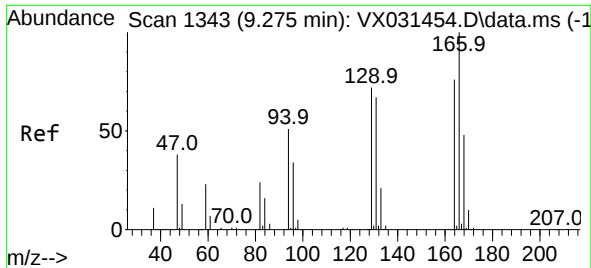
Tgt Ion: 95 Resp: 81554
Ion Ratio Lower Upper
95 100
174 91.1 0.0 153.2
176 86.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Tgt Ion: 117 Resp: 110405
Ion Ratio Lower Upper
117 100
82 50.9 46.8 70.2
119 32.4 26.4 39.6

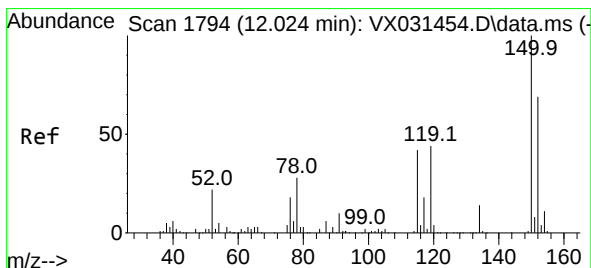
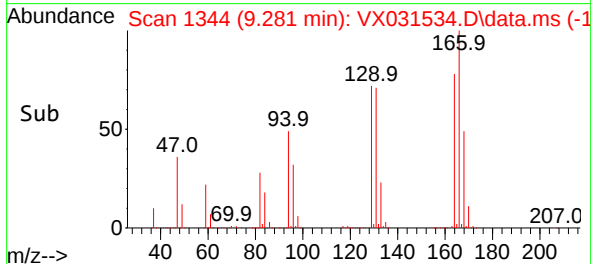
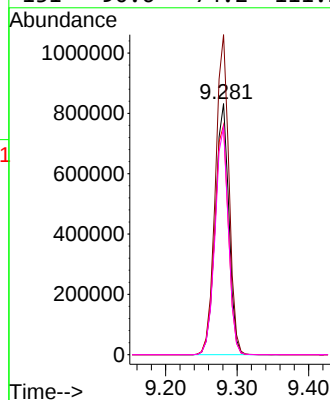
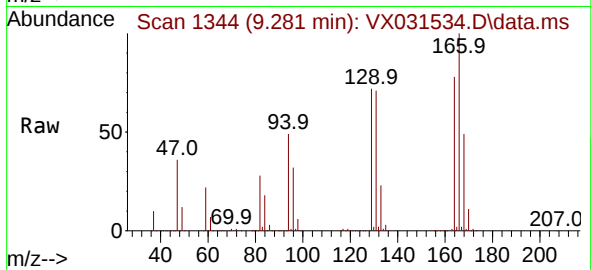




#64
Tetrachloroethene
Concen: 824.157 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-3RRB

Tgt Ion:164 Resp: 1092918
Ion Ratio Lower Upper
164 100
166 127.5 99.0 148.4
129 91.5 78.0 117.0
131 90.6 74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031534.D
Acq: 21 Sep 2022 19:01

Tgt Ion:152 Resp: 52117
Ion Ratio Lower Upper
152 100
115 55.6 43.4 130.1
150 155.2 0.0 346.8

