

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033001.D
 Acq On : 23 Nov 2022 00:08
 Operator : JC/MD
 Sample : N5730-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20221117

Quant Time: Nov 23 05:52:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

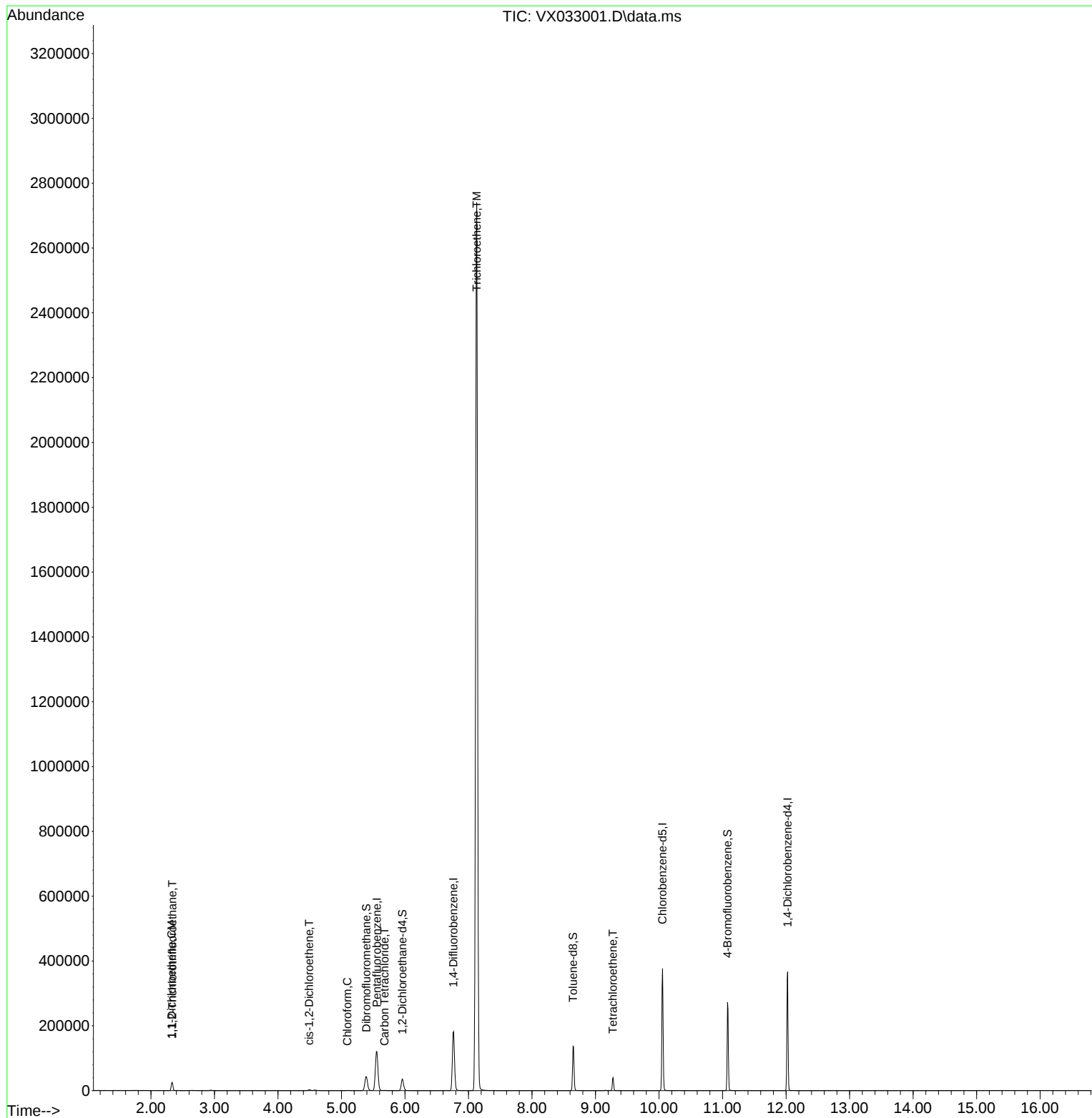
Internal Standards						
1) Pentafluorobenzene	5.556	168	116636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36136	30.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	60.960%#
35) Dibromofluoromethane	5.391	113	38516	36.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.020%#
50) Toluene-d8	8.647	98	83122	25.116	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	50.240%#
62) 4-Bromofluorobenzene	11.079	95	68158	49.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	8507	7.786	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1585	1.557	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	2109	1.594	ug/l	83
30) Chloroform	5.092	83	1031	0.450	ug/l	95
38) Carbon Tetrachloride	5.678	117	726	0.388	ug/l #	73
44) Trichloroethene	7.129	130	1039410	783.274	ug/l	97
64) Tetrachloroethene	9.275	164	6727	5.765	ug/l	93

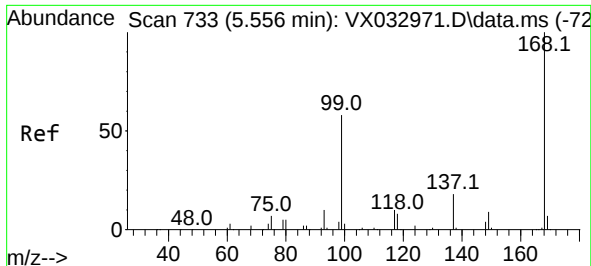
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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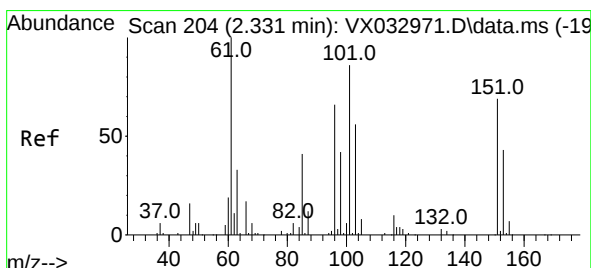
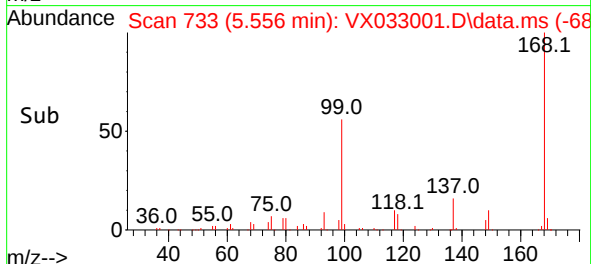
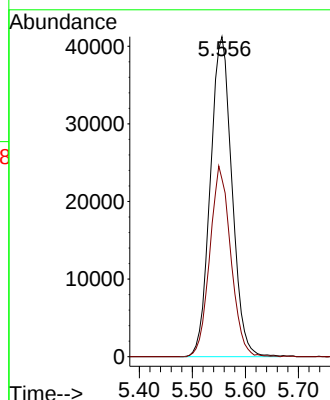
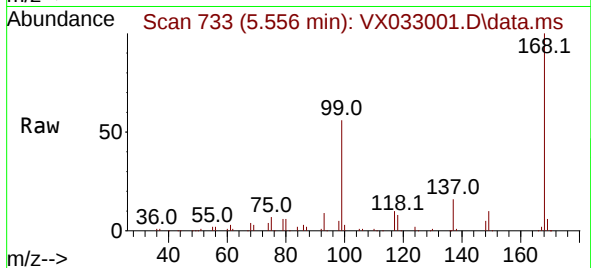




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

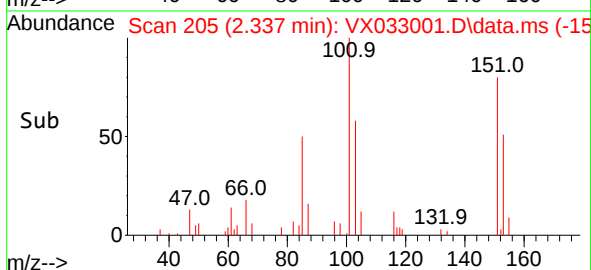
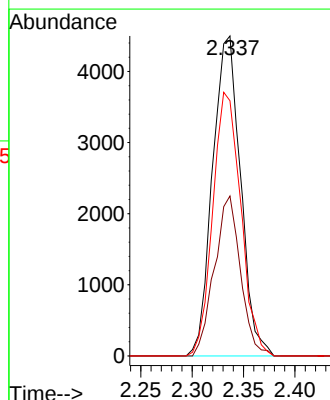
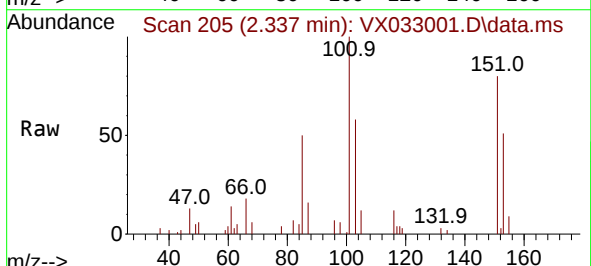
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117

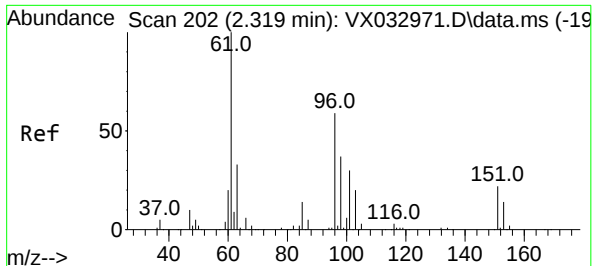
Tgt Ion:168 Resp: 116636
Ion Ratio Lower Upper
168 100
99 55.5 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.786 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

Tgt Ion:101 Resp: 8507
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.4
151 82.6 64.4 96.6





#12

1,1-Dichloroethene

Concen: 1.557 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033001.D

Acq: 23 Nov 2022 00:08

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117

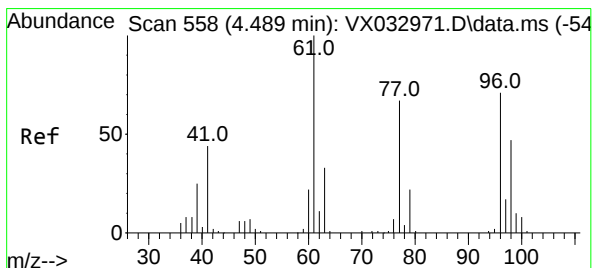
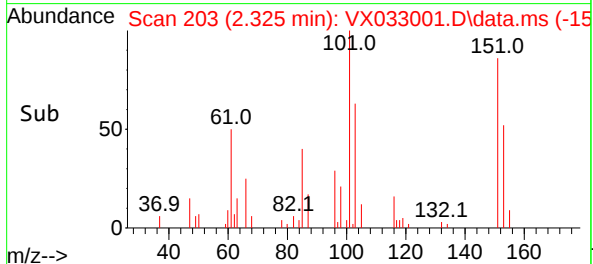
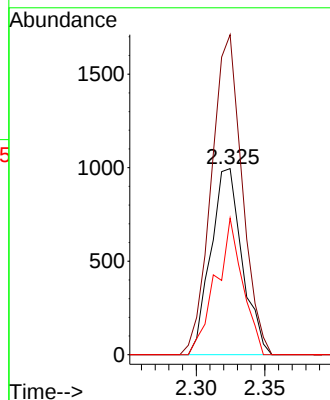
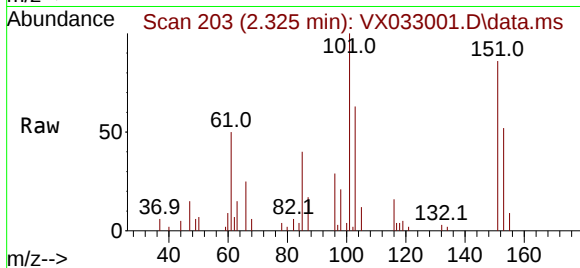
Tgt Ion: 96 Resp: 1585

Ion Ratio Lower Upper

96 100

61 172.0 125.1 187.7

98 73.4 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 1.594 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033001.D

Acq: 23 Nov 2022 00:08

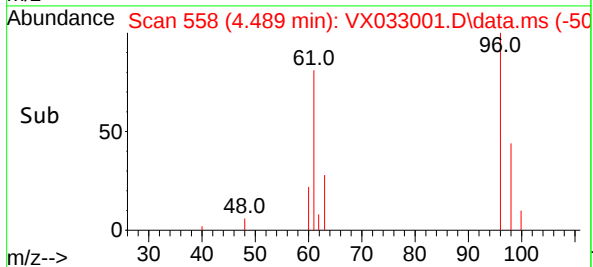
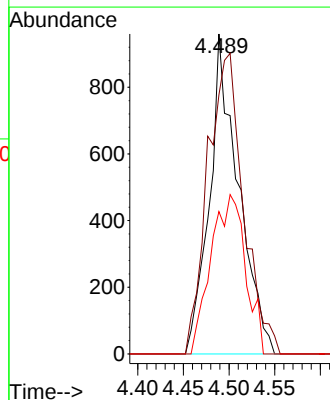
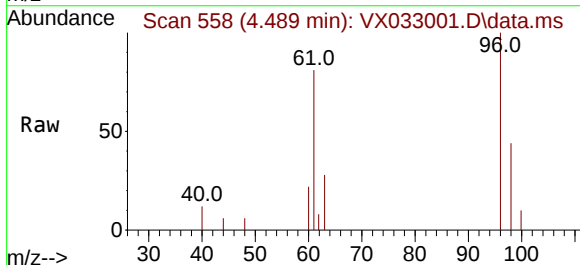
Tgt Ion: 96 Resp: 2109

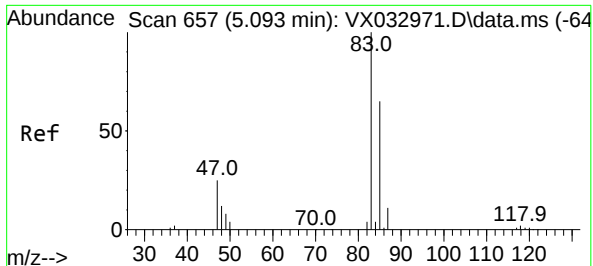
Ion Ratio Lower Upper

96 100

61 116.0 0.0 286.0

98 59.7 0.0 129.6





#30

Chloroform

Concen: 0.450 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX033001.D

Acq: 23 Nov 2022 00:08

Instrument :

MSVOA_X

ClientSampleId :

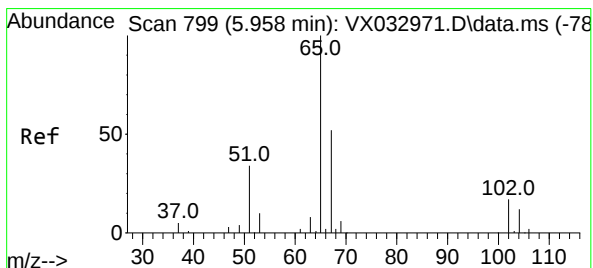
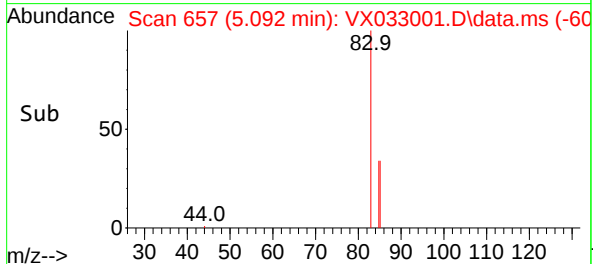
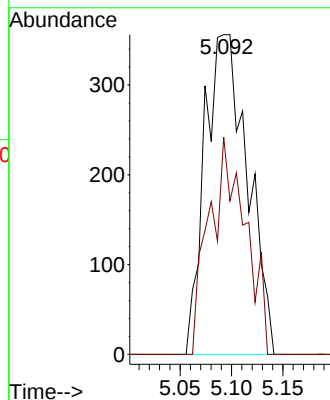
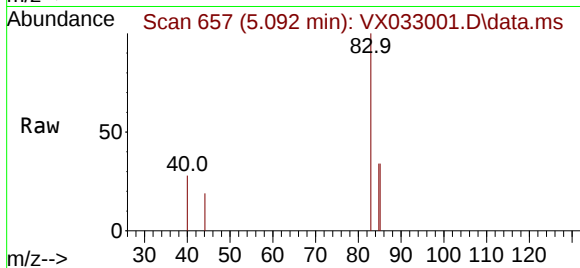
RW4-20221117

Tgt Ion: 83 Resp: 1031

Ion Ratio Lower Upper

83 100

85 68.0 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 30.483 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033001.D

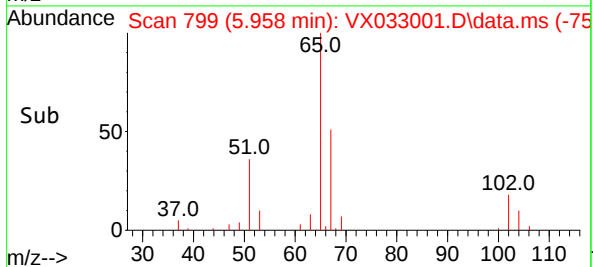
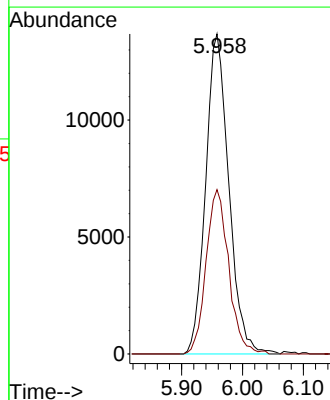
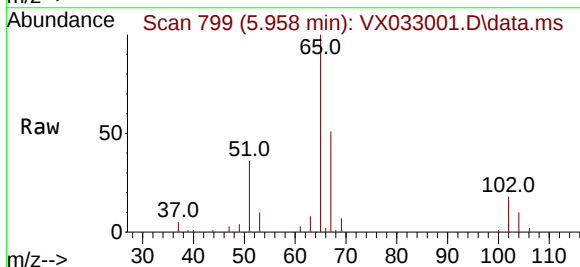
Acq: 23 Nov 2022 00:08

Tgt Ion: 65 Resp: 36136

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

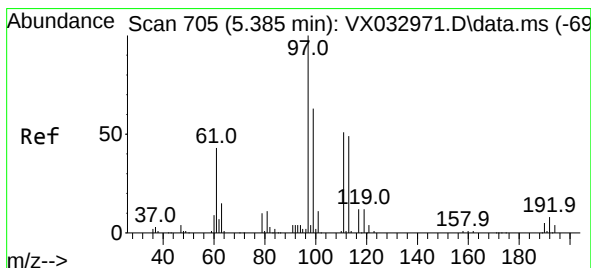
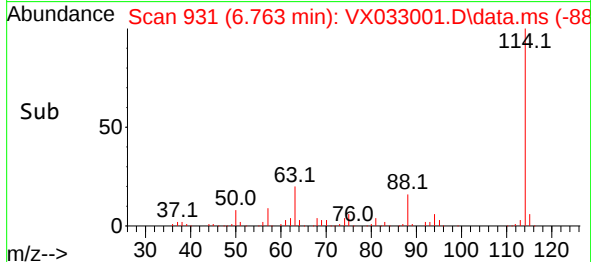
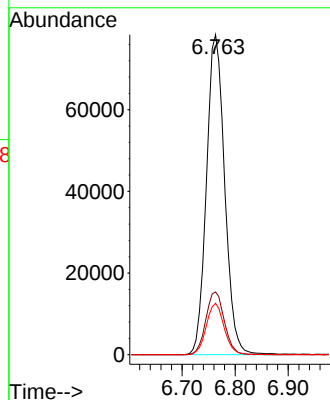
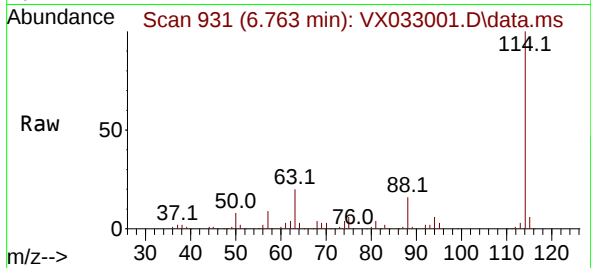




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

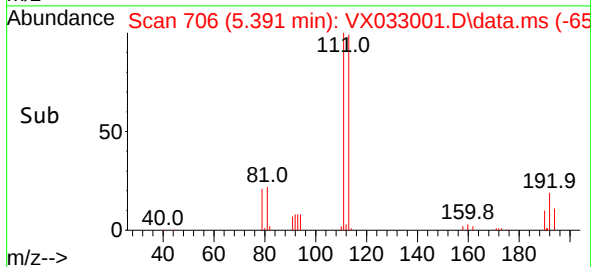
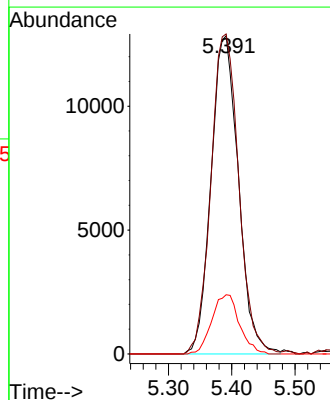
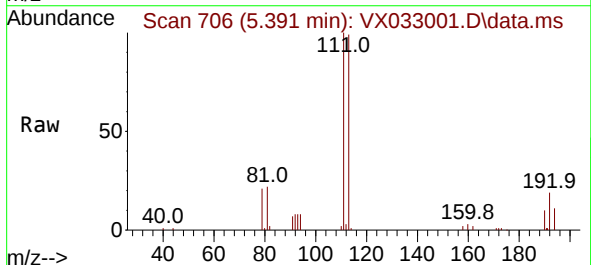
Instrument :
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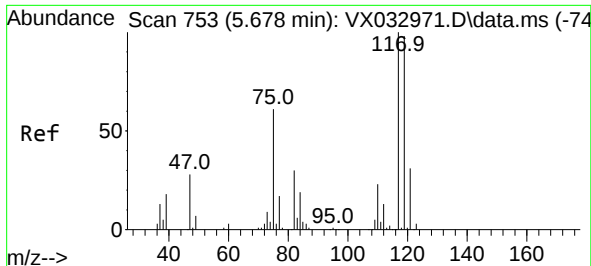
Tgt Ion:114 Resp: 187110
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 36.513 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

Tgt Ion:113 Resp: 38516
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.8 15.4 23.2

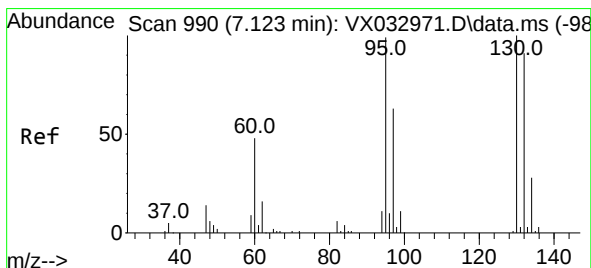
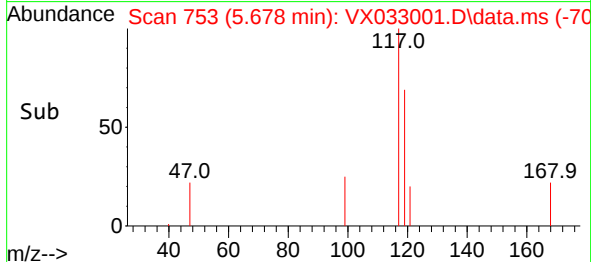
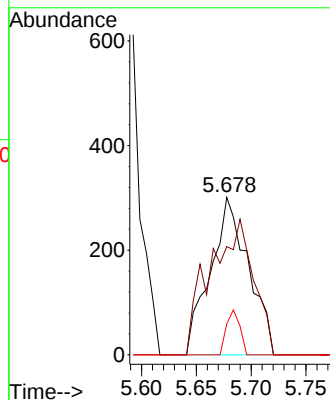
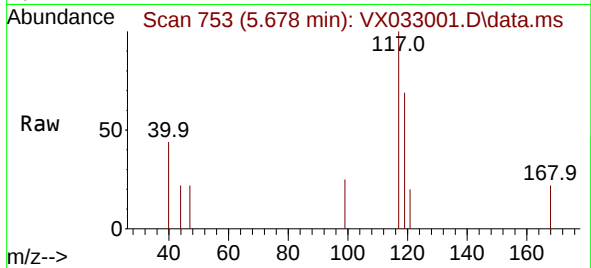




#38
Carbon Tetrachloride
Concen: 0.388 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

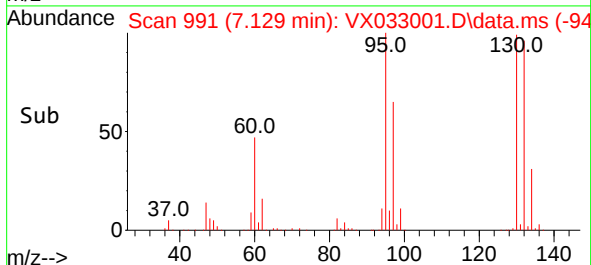
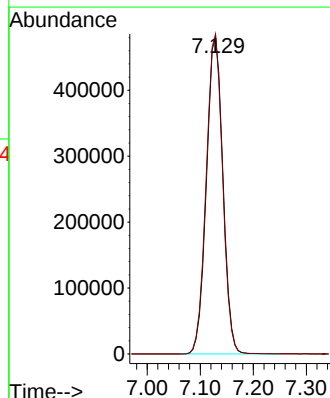
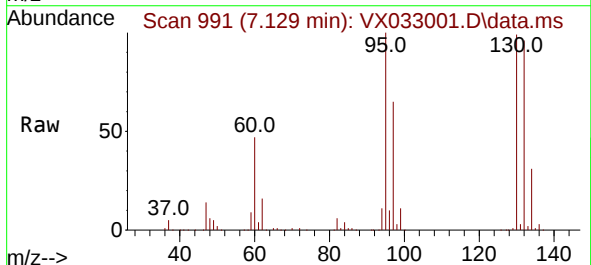
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117

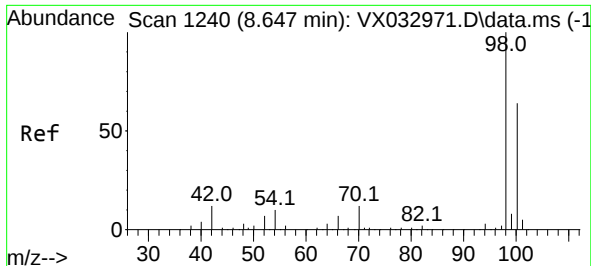
Tgt Ion:117 Resp: 726
Ion Ratio Lower Upper
117 100
119 68.8 77.2 115.8#
121 19.6 25.8 38.6#



#44
Trichloroethene
Concen: 783.274 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

Tgt Ion:130 Resp: 1039410
Ion Ratio Lower Upper
130 100
95 100.7 0.0 195.2

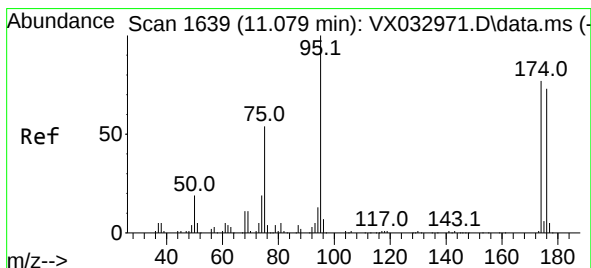
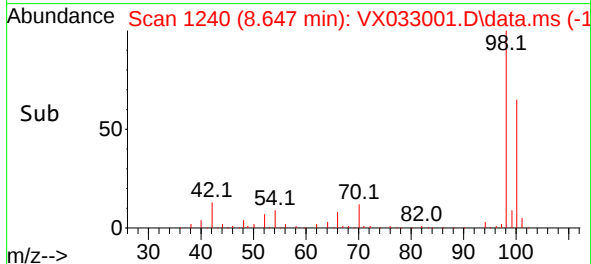
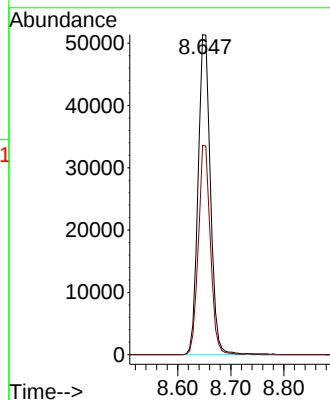
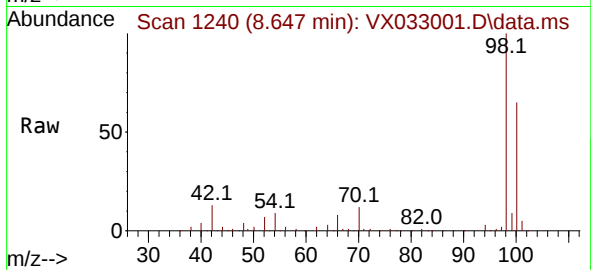




#50
Toluene-d8
Concen: 25.116 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

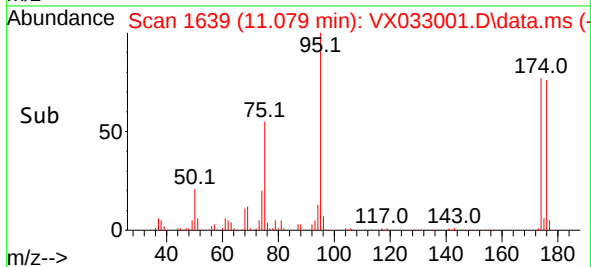
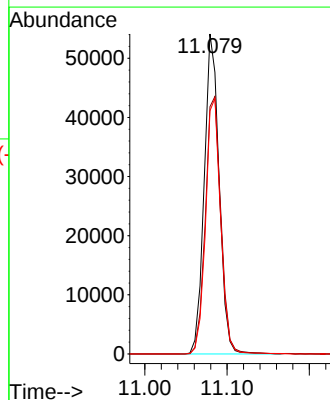
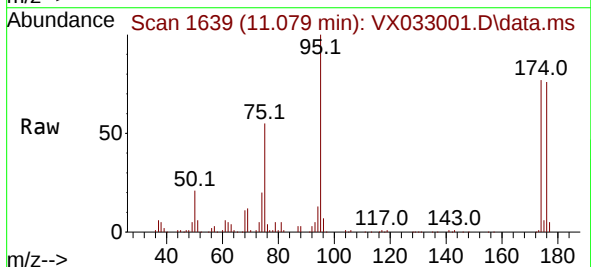
Instrument :
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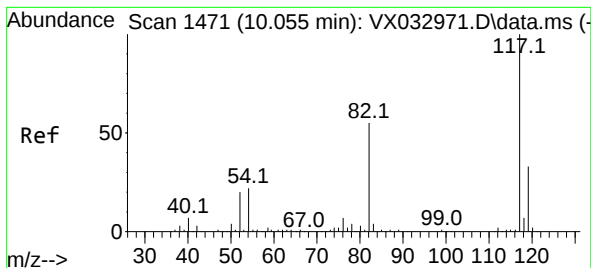
Tgt Ion: 98 Resp: 83122
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033001.D
Acq: 23 Nov 2022 00:08

Tgt Ion: 95 Resp: 68158
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 80.5 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033001.D

Acq: 23 Nov 2022 00:08

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117

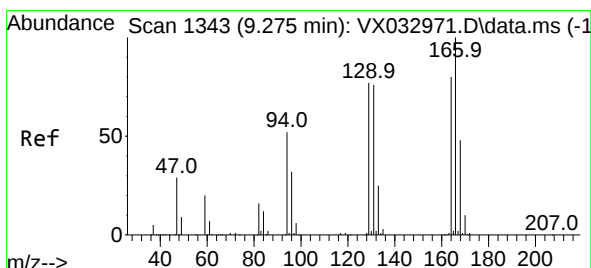
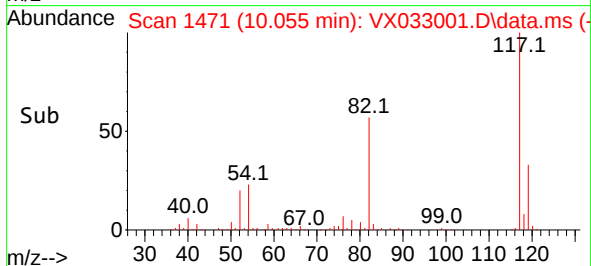
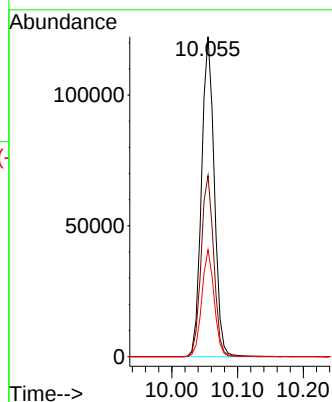
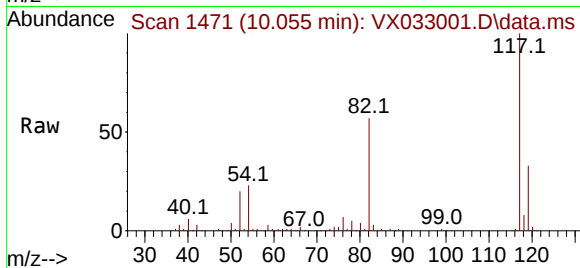
Tgt Ion:117 Resp: 164848

Ion Ratio Lower Upper

117 100

82 56.6 44.3 66.5

119 33.4 25.7 38.5



#64

Tetrachloroethene

Concen: 5.765 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033001.D

Acq: 23 Nov 2022 00:08

Tgt Ion:164 Resp: 6727

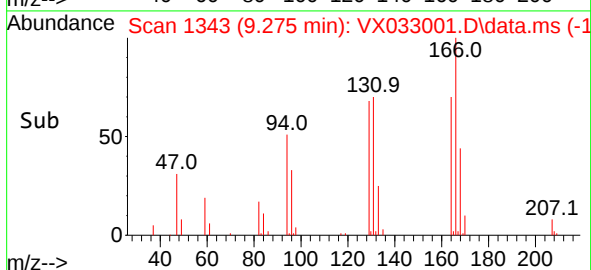
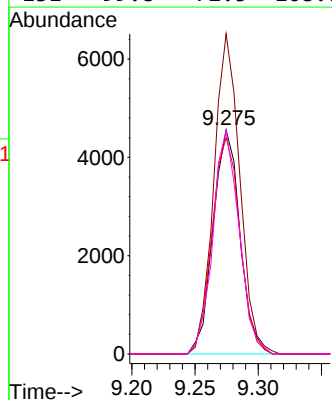
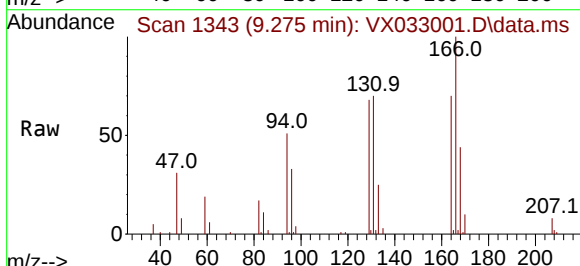
Ion Ratio Lower Upper

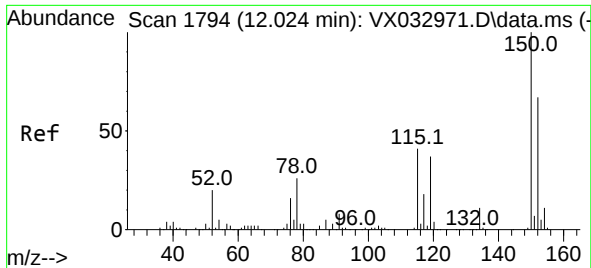
164 100

166 142.8 105.4 158.2

129 96.6 78.2 117.2

131 99.8 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033001.D

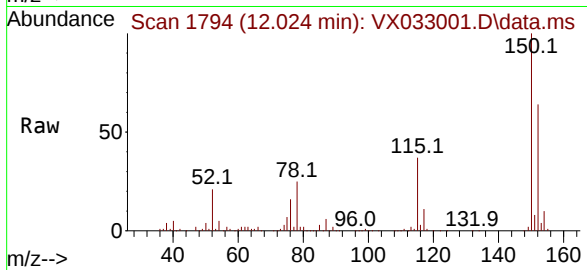
Acq: 23 Nov 2022 00:08

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117



Tgt Ion:152 Resp: 74495

Ion Ratio Lower Upper

152 100

115 61.0 44.0 132.0

150 159.9 0.0 351.8

