

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034393.D
 Acq On : 08 Mar 2023 19:04
 Operator : JC/MD
 Sample : 01843-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20230306

Quant Time: Mar 09 04:02:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

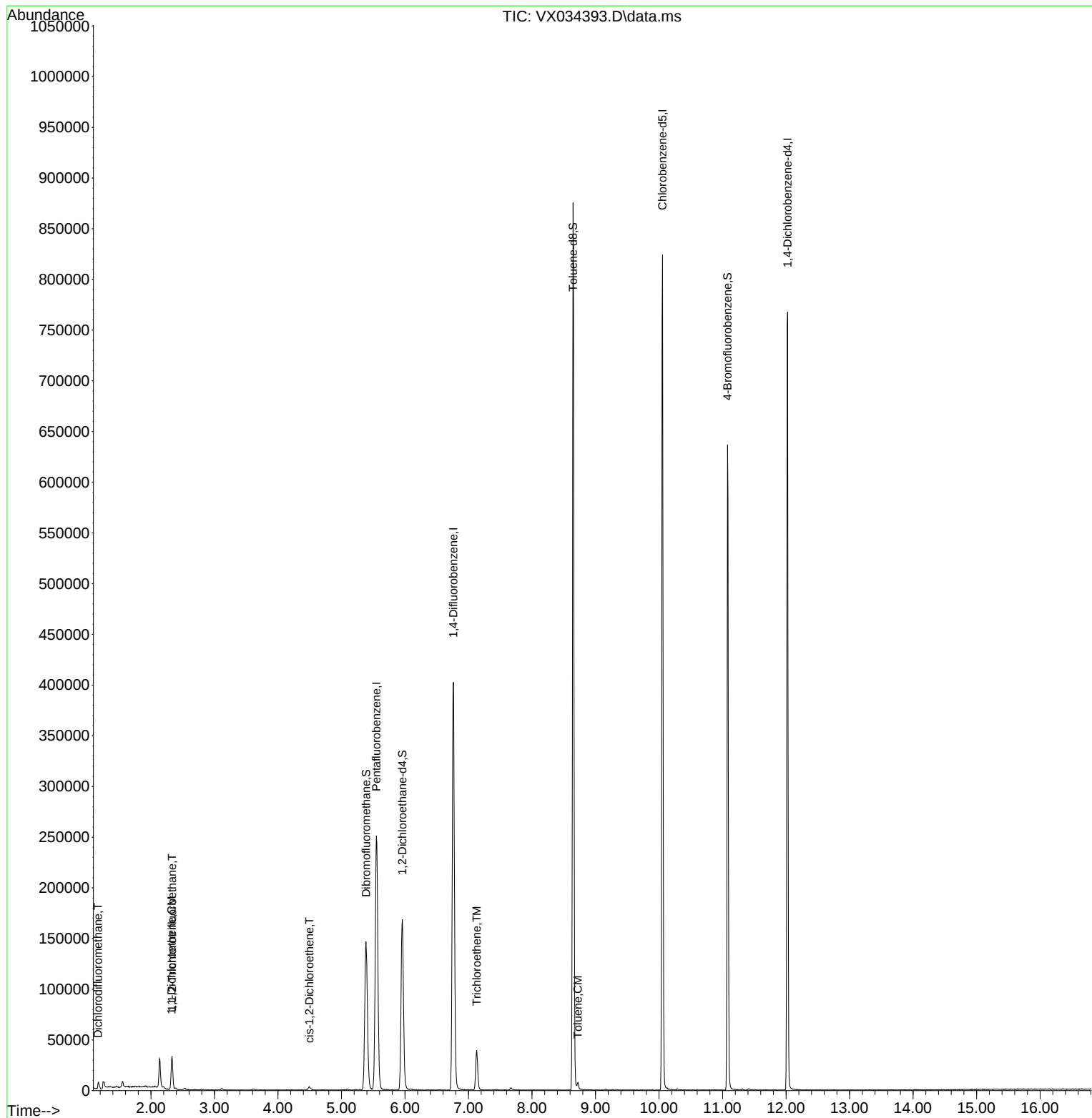
Internal Standards						
1) Pentafluorobenzene	5.550	168	246030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159688	48.194	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.380%		
35) Dibromofluoromethane	5.385	113	128405	47.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.640%		
50) Toluene-d8	8.647	98	501172	51.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.880%		
62) 4-Bromofluorobenzene	11.079	95	170633	45.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3762	1.770	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	11806	4.447	ug/l	94
12) 1,1-Dichloroethene	2.325	96	998	0.375	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	2240	0.678	ug/l	87
44) Trichloroethene	7.129	130	15801	5.177	ug/l	95
52) Toluene	8.720	92	2530	0.351	ug/l	97

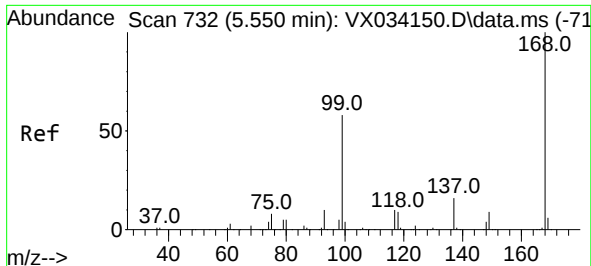
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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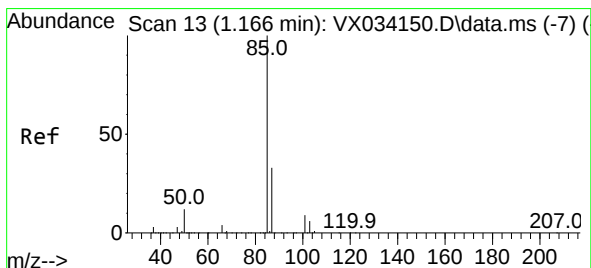
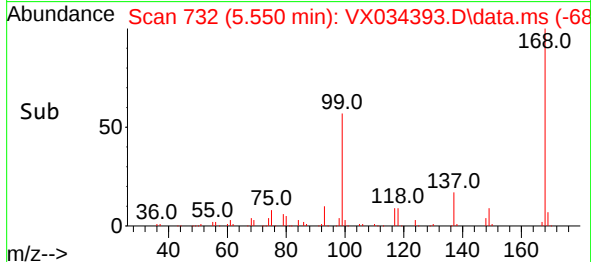
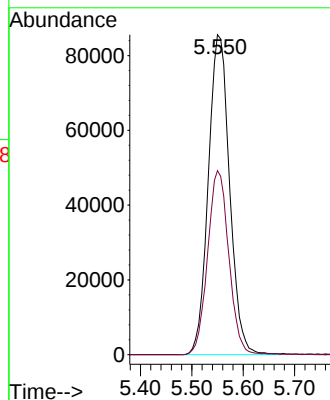
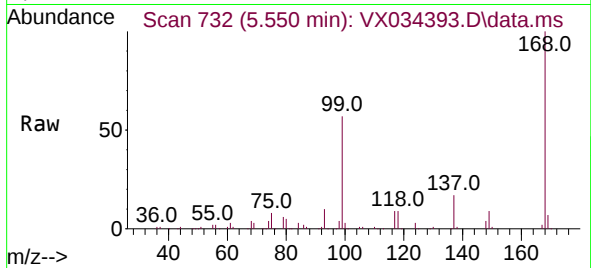




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

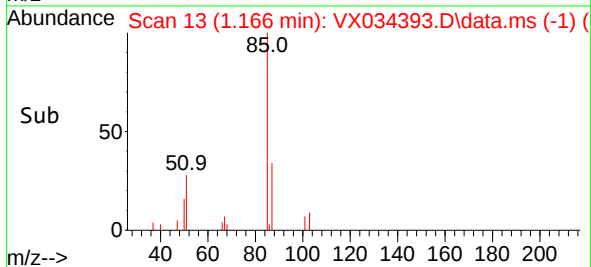
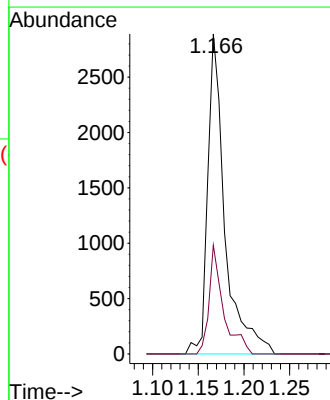
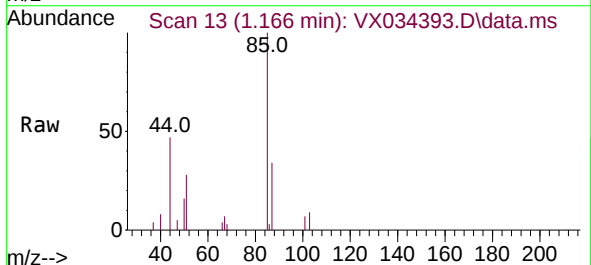
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20230306

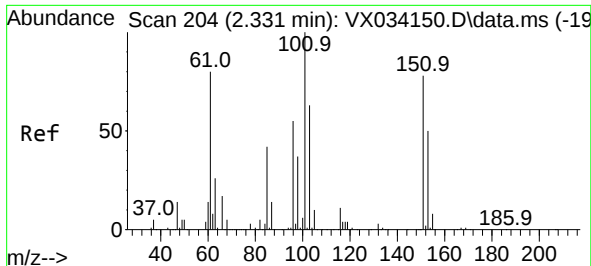
Tgt Ion:168 Resp: 246030
Ion Ratio Lower Upper
168 100
99 57.5 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 1.770 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

Tgt Ion: 85 Resp: 3762
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4

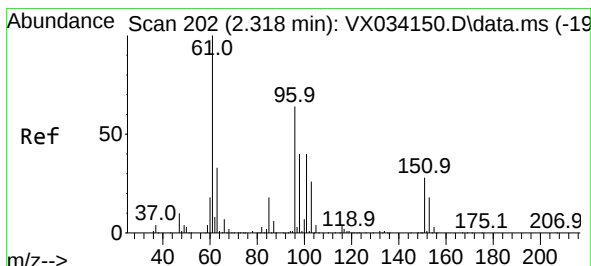
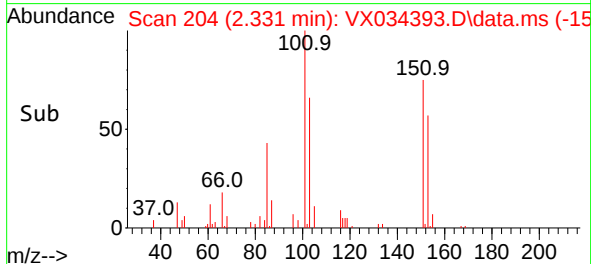
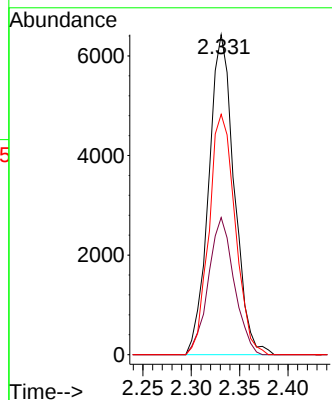
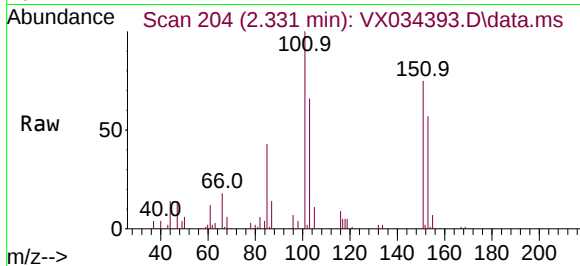




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.447 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

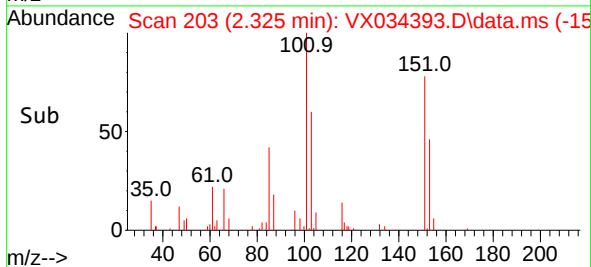
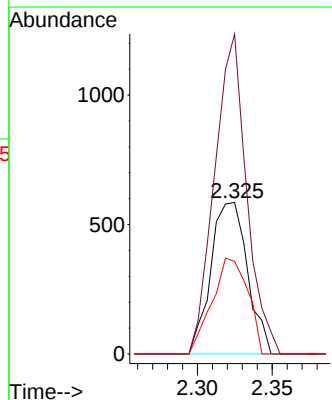
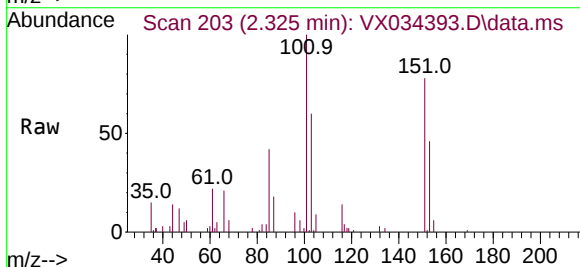
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20230306

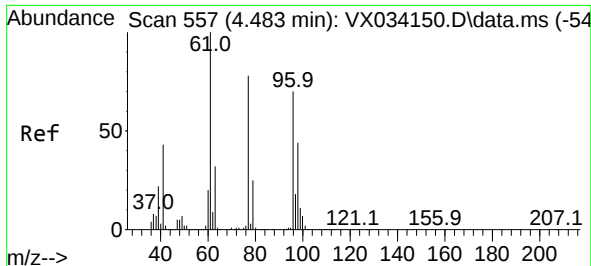
Tgt Ion:101 Resp: 11806
Ion Ratio Lower Upper
101 100
85 43.2 36.7 55.1
151 76.9 66.5 99.7



#12
1,1-Dichloroethene
Concen: 0.375 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

Tgt Ion: 96 Resp: 998
Ion Ratio Lower Upper
96 100
61 211.3 134.2 201.4#
98 61.0 50.2 75.2

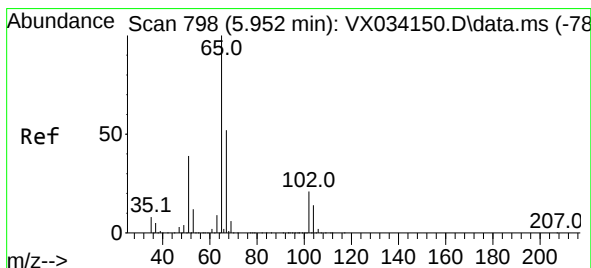
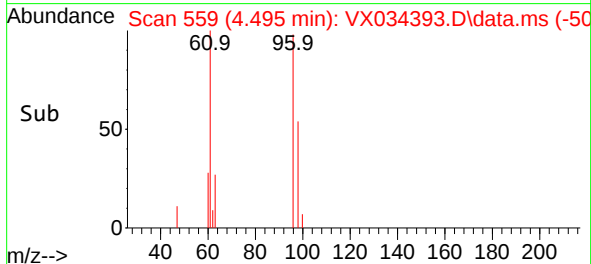
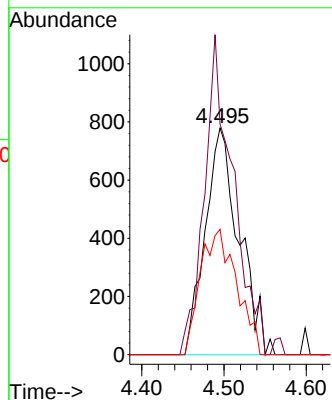
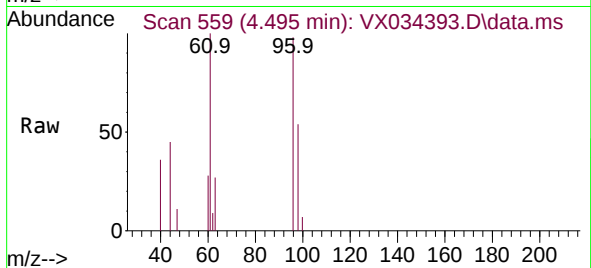




#27
 cis-1,2-Dichloroethene
 Concen: 0.678 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX034393.D
 Acq: 08 Mar 2023 19:04

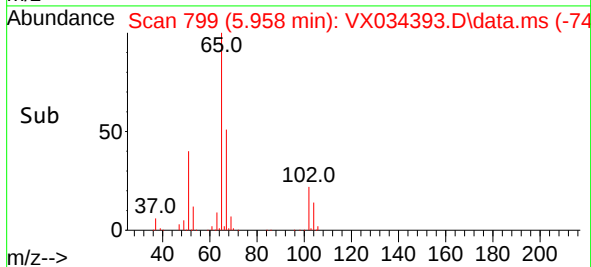
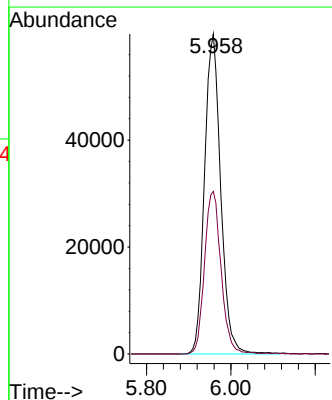
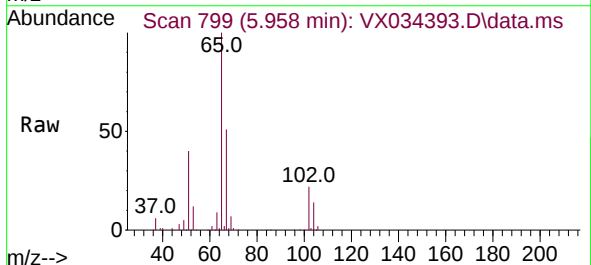
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20230306

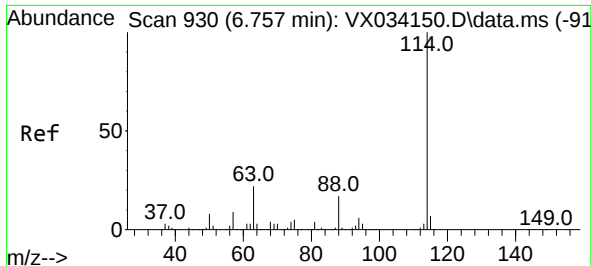
Tgt Ion: 96 Resp: 2240
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 277.6
 98 59.0 0.0 128.0



#33
 1,2-Dichloroethane-d4
 Concen: 48.194 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX034393.D
 Acq: 08 Mar 2023 19:04

Tgt Ion: 65 Resp: 159688
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034393.D

Acq: 08 Mar 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20230306

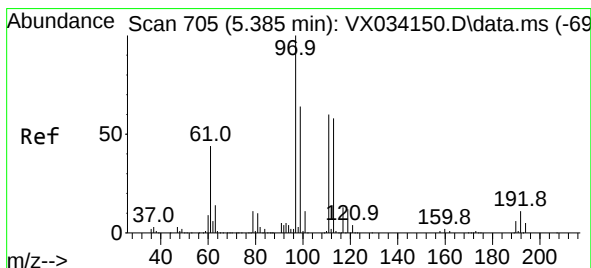
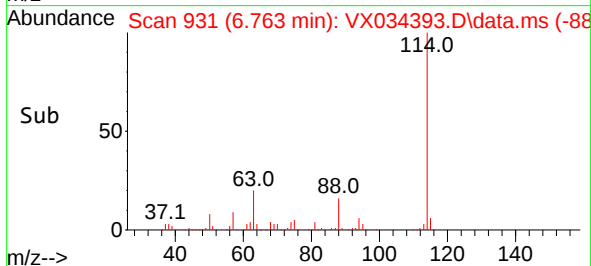
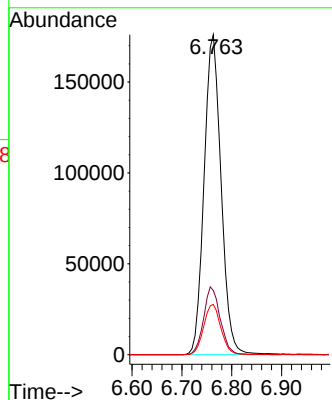
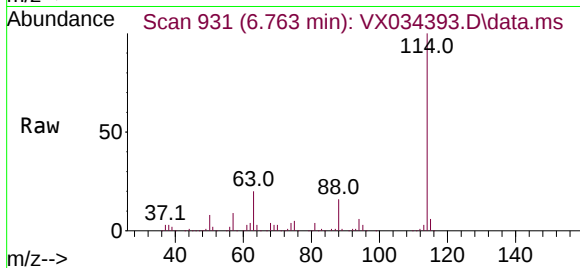
Tgt Ion:114 Resp: 416796

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034393.D

Acq: 08 Mar 2023 19:04

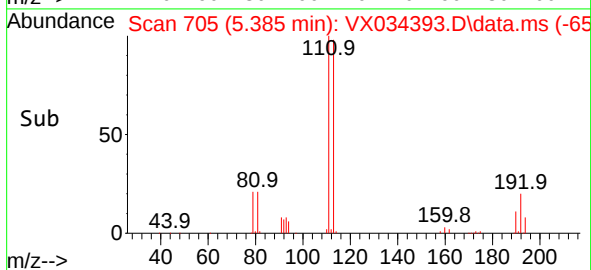
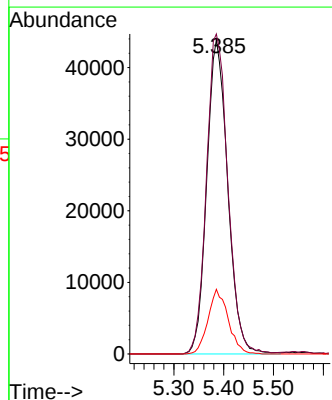
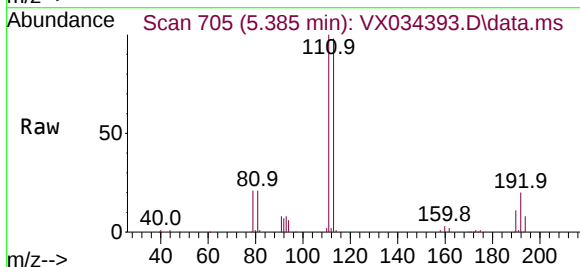
Tgt Ion:113 Resp: 128405

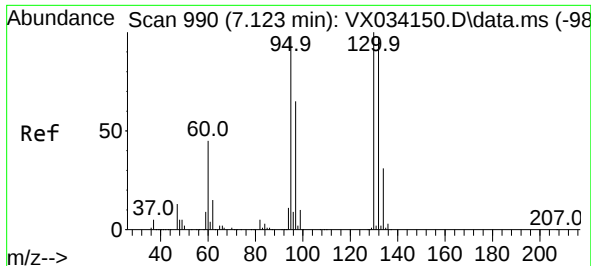
Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 19.8 19.0 28.4

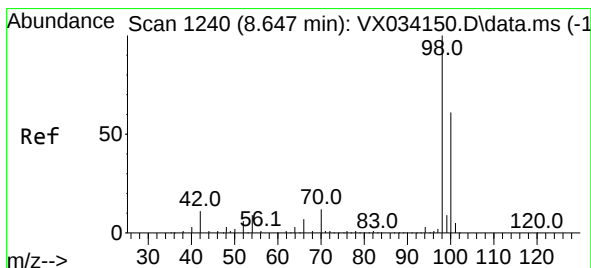
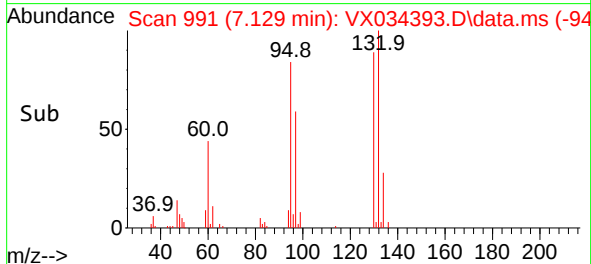
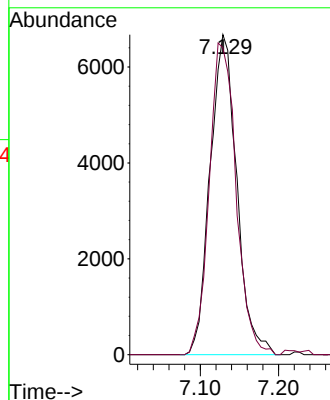
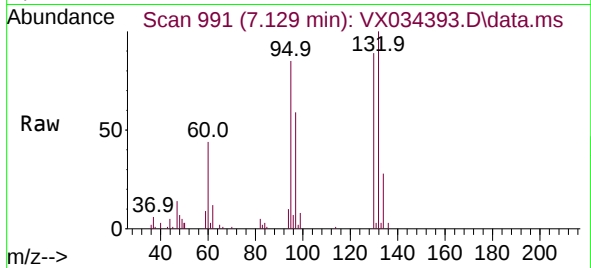




#44
Trichloroethene
Concen: 5.177 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

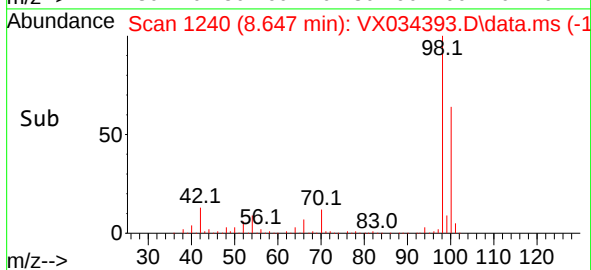
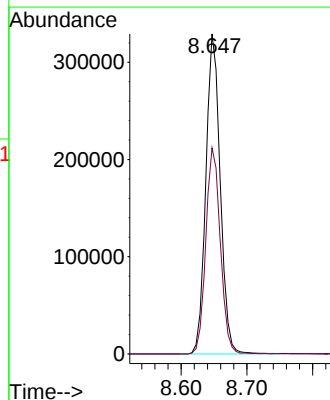
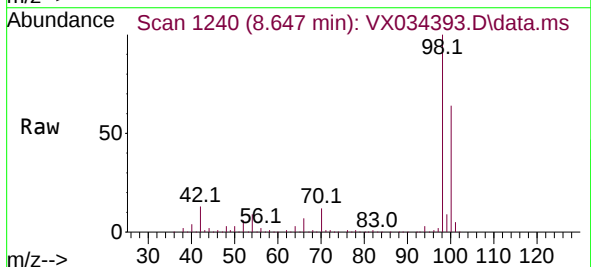
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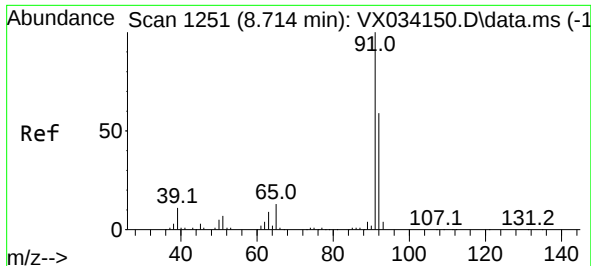
Tgt Ion:130 Resp: 15801
Ion Ratio Lower Upper
130 100
95 95.9 0.0 182.6



#50
Toluene-d8
Concen: 51.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

Tgt Ion: 98 Resp: 501172
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4

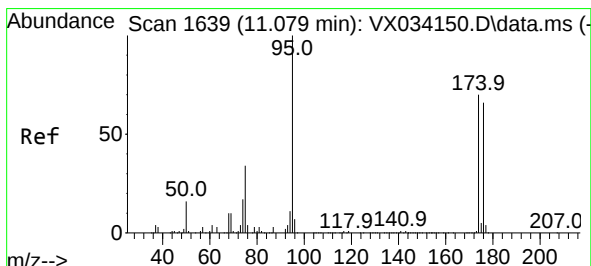
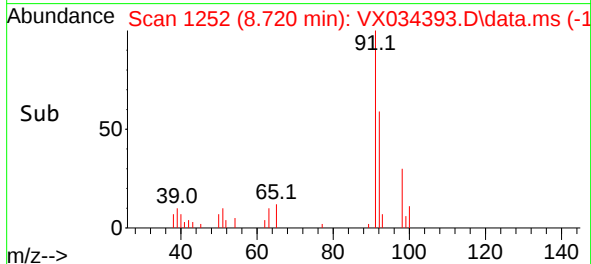
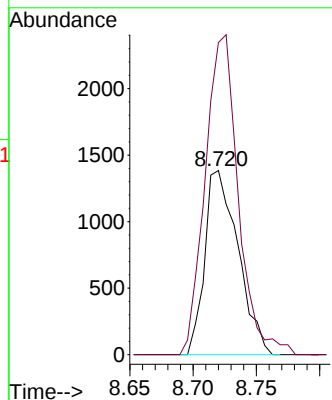
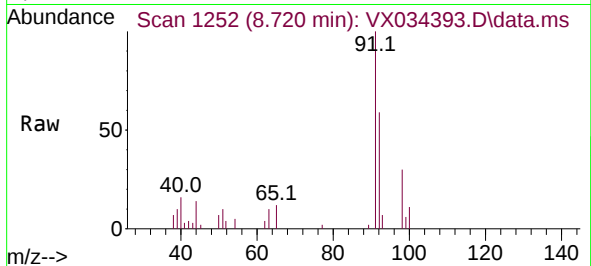




#52
Toluene
Concen: 0.351 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

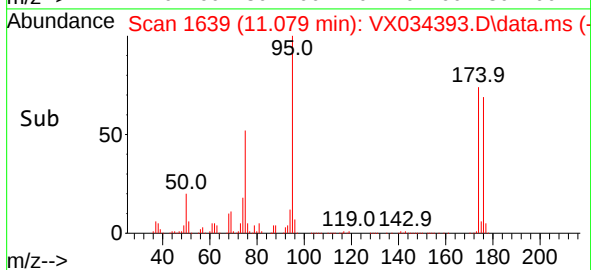
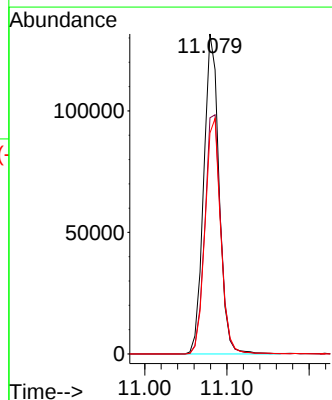
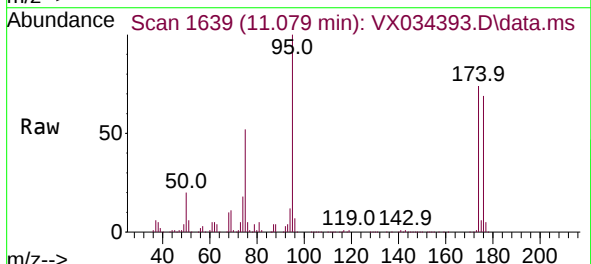
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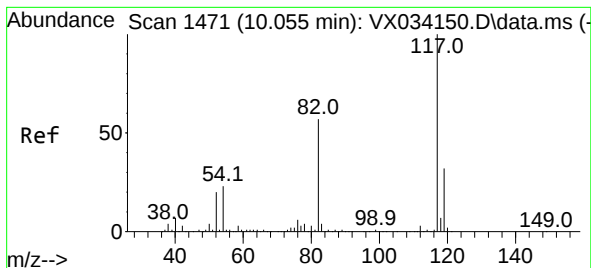
Tgt Ion: 92 Resp: 2530
Ion Ratio Lower Upper
92 100
91 173.4 135.5 203.3



#62
4-Bromofluorobenzene
Concen: 45.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034393.D
Acq: 08 Mar 2023 19:04

Tgt Ion: 95 Resp: 170633
Ion Ratio Lower Upper
95 100
174 77.9 0.0 184.4
176 75.3 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034393.D

Acq: 08 Mar 2023 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20230306

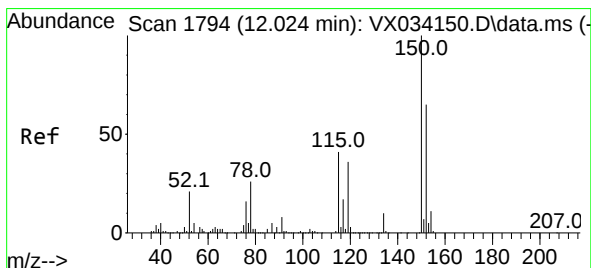
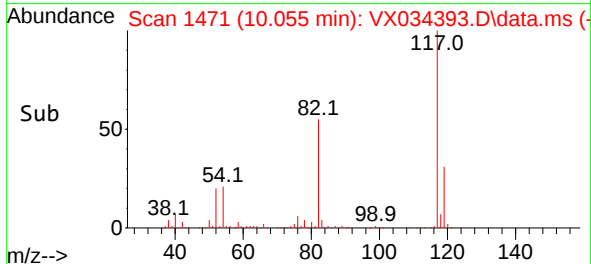
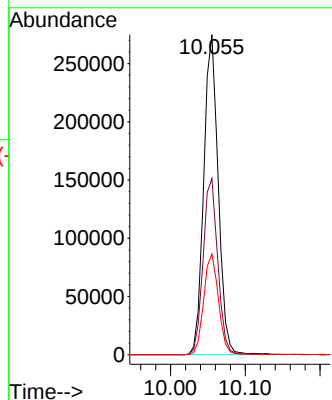
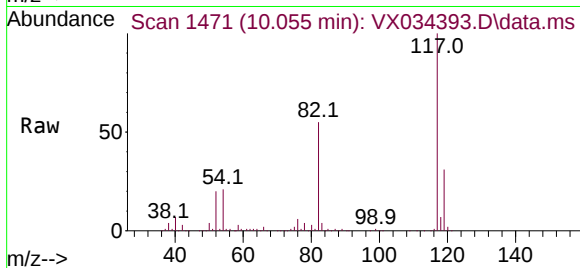
Tgt Ion:117 Resp: 369913

Ion Ratio Lower Upper

117 100

82 55.1 40.6 60.8

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034393.D

Acq: 08 Mar 2023 19:04

Tgt Ion:152 Resp: 160524

Ion Ratio Lower Upper

152 100

115 60.5 38.7 116.1

150 157.9 0.0 348.2

