

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038902.D
 Acq On : 18 Nov 2023 02:25
 Operator : JC/MD
 Sample : 05404-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20231109

Quant Time: Nov 18 05:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

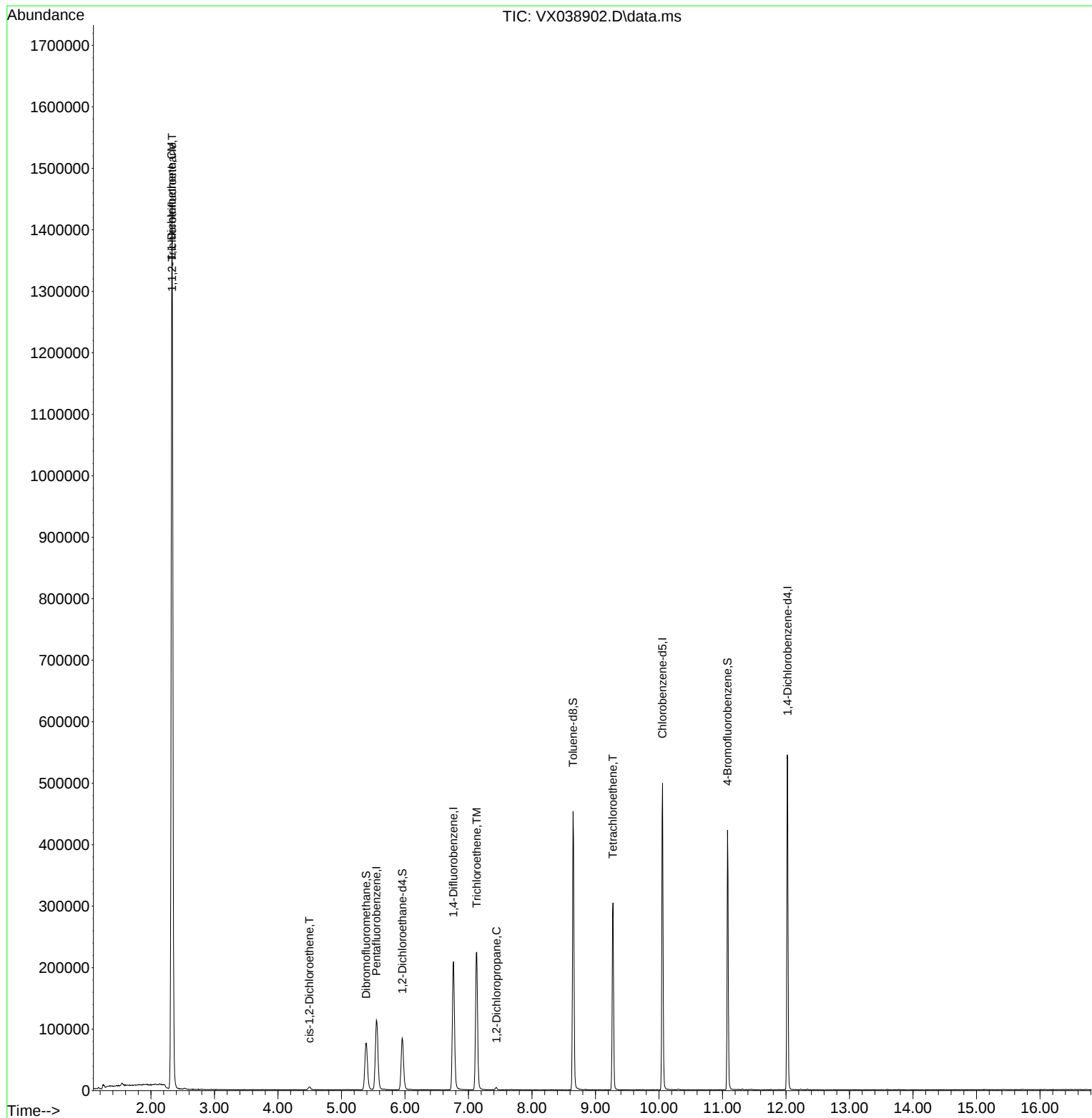
Internal Standards						
1) Pentafluorobenzene	5.550	168	104494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80406	47.754	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.385	113	68590	44.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.647	98	271179	46.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	115386	49.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.260%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	579418	449.155	ug/l	97
12) 1,1-Dichloroethene	2.325	96	3933	3.020	ug/l #	71
27) cis-1,2-Dichloroethene	4.495	96	3040	1.815	ug/l	88
44) Trichloroethene	7.129	130	85216	53.860	ug/l	97
45) 1,2-Dichloropropane	7.440	63	1742	0.996	ug/l #	87
64) Tetrachloroethene	9.275	164	53034	39.358	ug/l	95

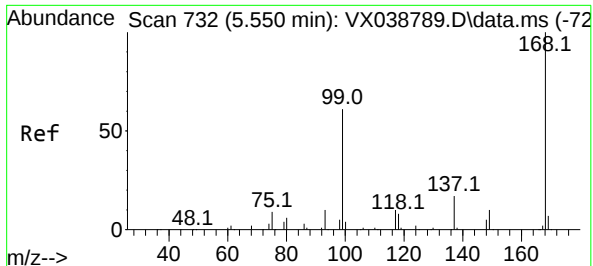
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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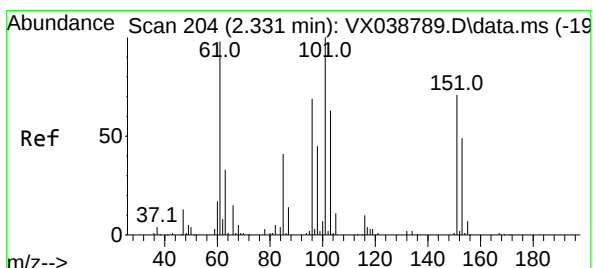
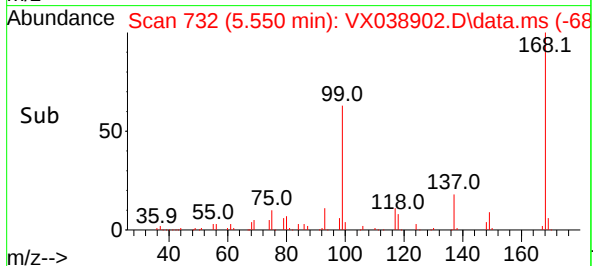
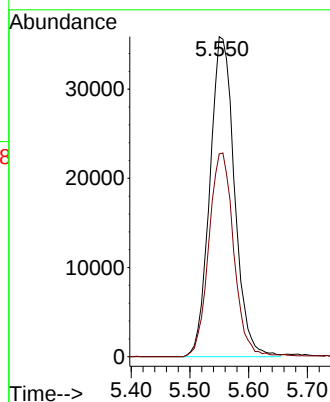
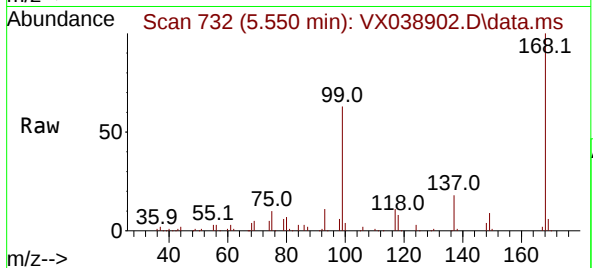




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038902.D
Acq: 18 Nov 2023 02:25

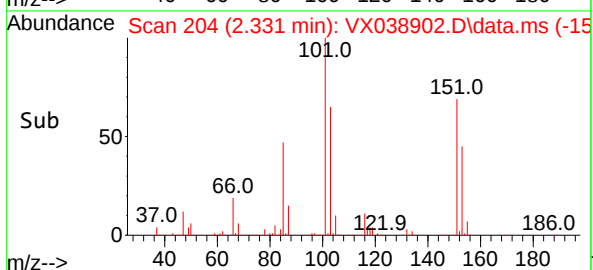
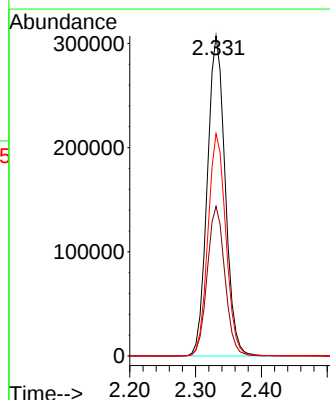
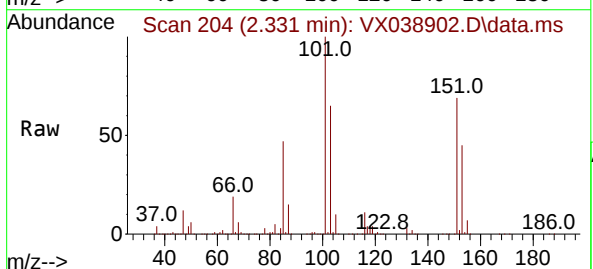
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20231109

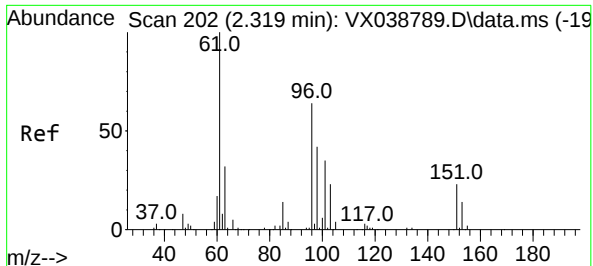
Tgt Ion:168 Resp: 104494
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 449.155 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038902.D
Acq: 18 Nov 2023 02:25

Tgt Ion:101 Resp: 579418
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 69.6 58.6 87.8





#12

1,1-Dichloroethene

Concen: 3.020 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038902.D

Acq: 18 Nov 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20231109

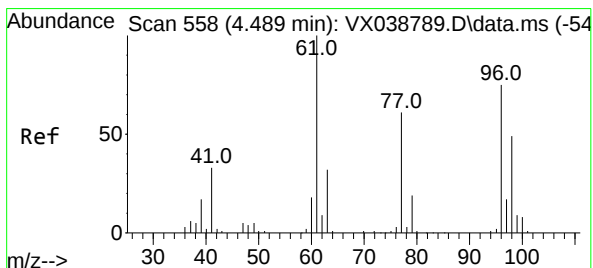
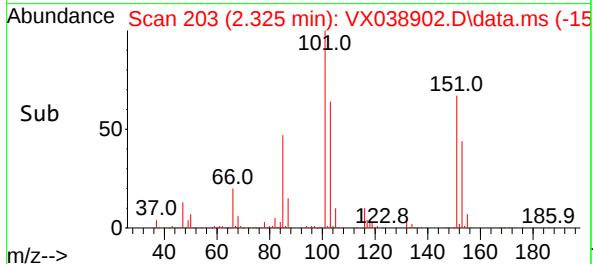
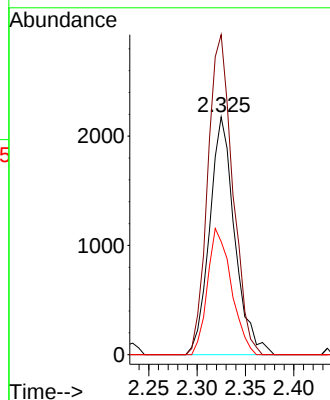
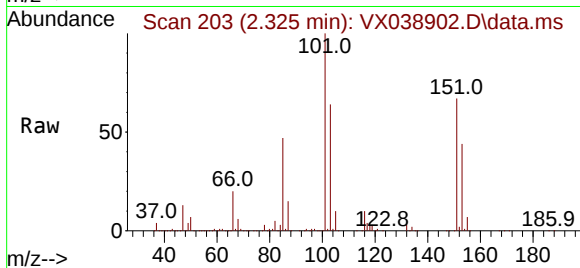
Tgt Ion: 96 Resp: 3933

Ion Ratio Lower Upper

96 100

61 134.6 144.6 216.8#

98 47.6 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 1.815 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX038902.D

Acq: 18 Nov 2023 02:25

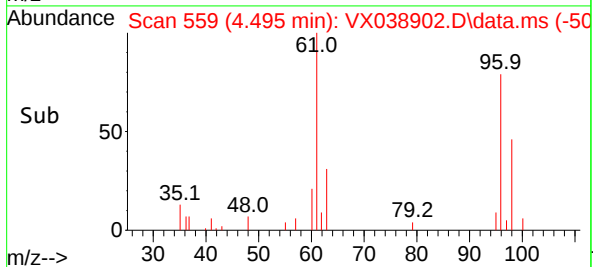
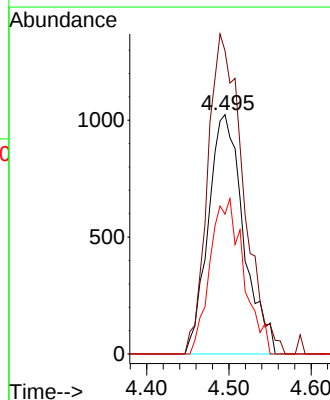
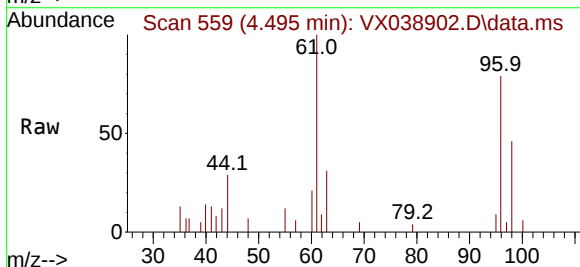
Tgt Ion: 96 Resp: 3040

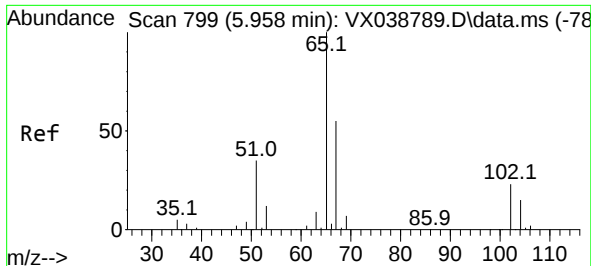
Ion Ratio Lower Upper

96 100

61 135.0 0.0 312.2

98 62.0 0.0 129.0

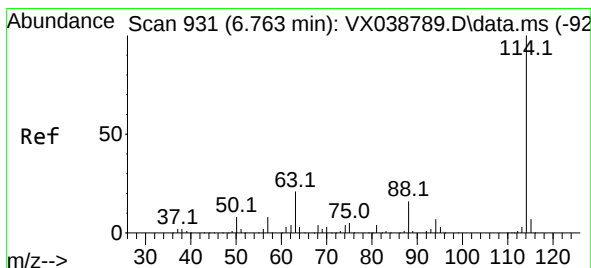
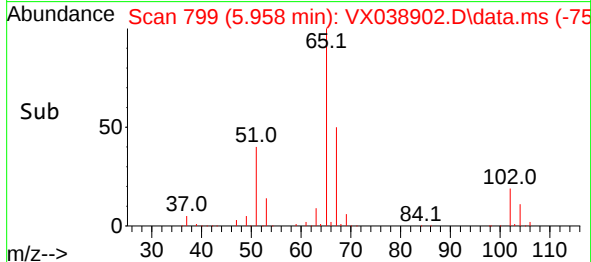
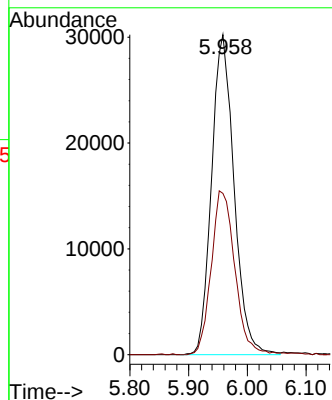
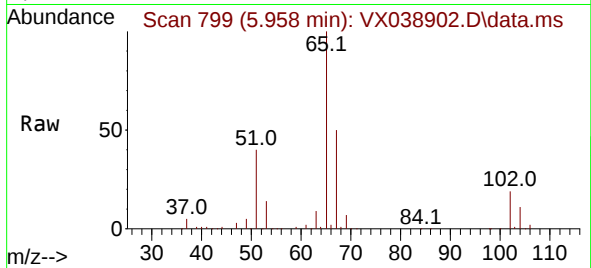




#33
 1,2-Dichloroethane-d4
 Concen: 47.754 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038902.D
 Acq: 18 Nov 2023 02:25

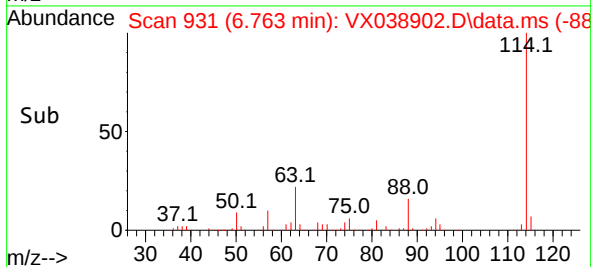
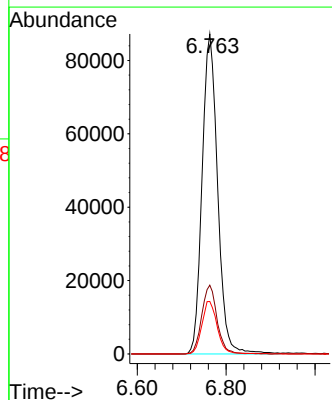
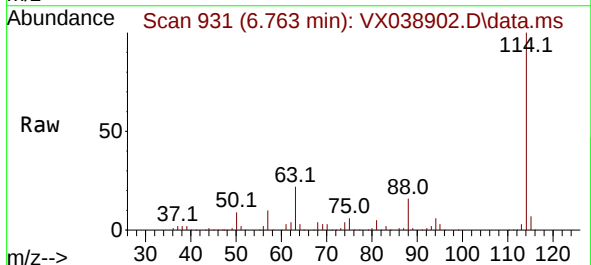
Instrument :
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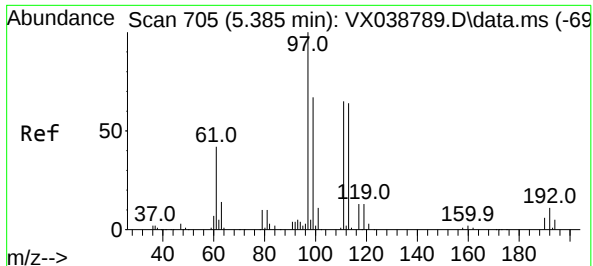
Tgt Ion: 65 Resp: 80406
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038902.D
 Acq: 18 Nov 2023 02:25

Tgt Ion: 114 Resp: 212314
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.731 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038902.D

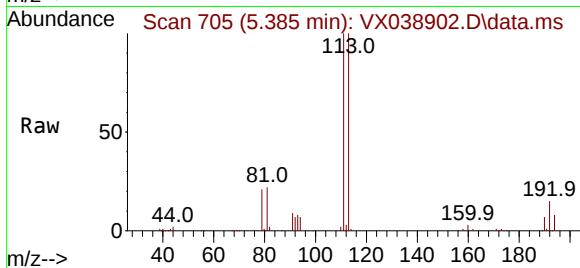
Acq: 18 Nov 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20231109



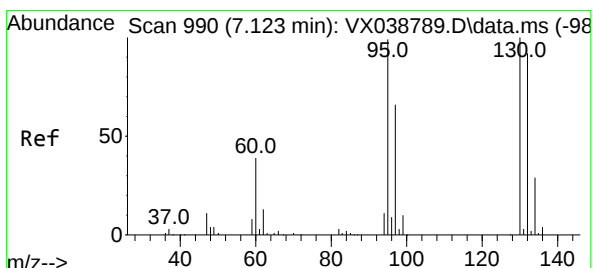
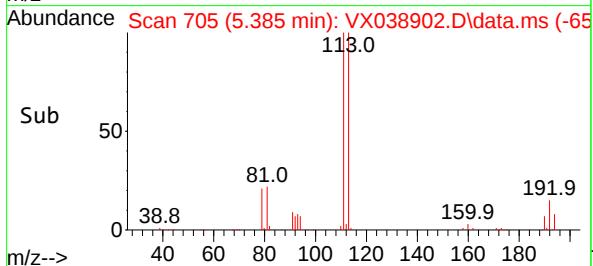
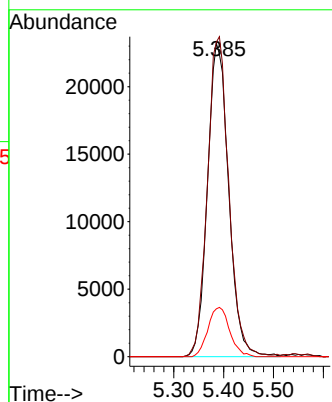
Tgt Ion:113 Resp: 68590

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 16.2 13.3 19.9



#44

Trichloroethene

Concen: 53.860 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038902.D

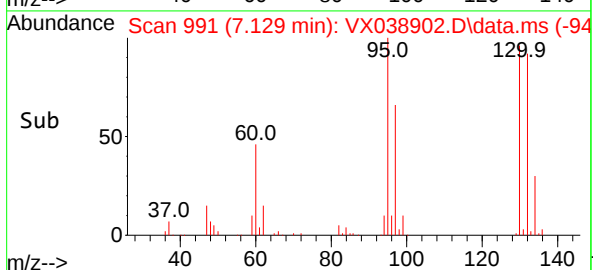
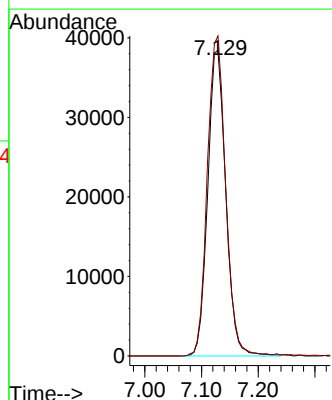
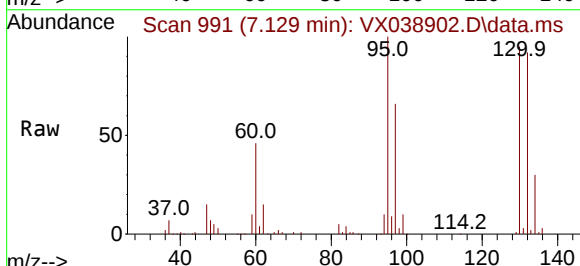
Acq: 18 Nov 2023 02:25

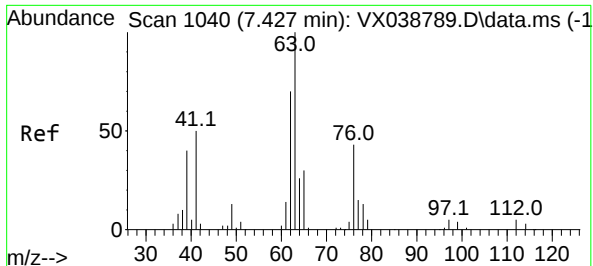
Tgt Ion:130 Resp: 85216

Ion Ratio Lower Upper

130 100

95 104.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.996 ug/l

RT: 7.440 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VX038902.D

Acq: 18 Nov 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

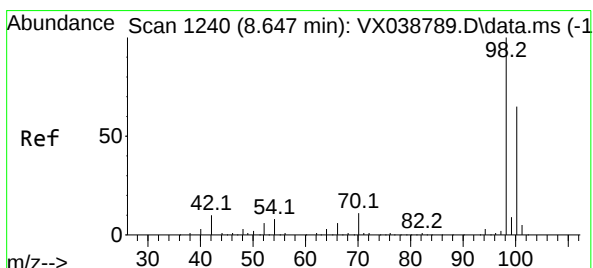
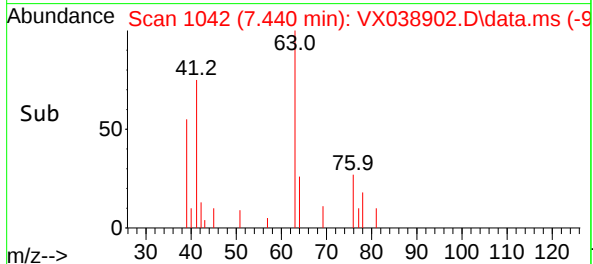
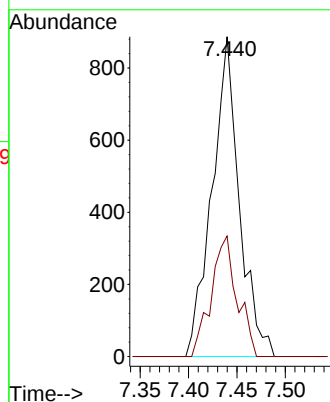
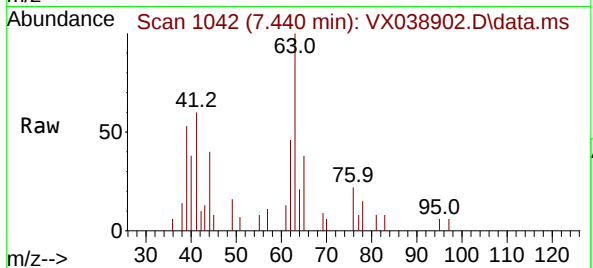
RE134D4-20231109

Tgt Ion: 63 Resp: 1742

Ion Ratio Lower Upper

63 100

65 37.7 24.3 36.5#



#50

Toluene-d8

Concen: 46.223 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038902.D

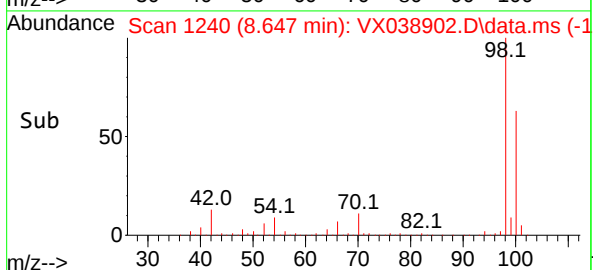
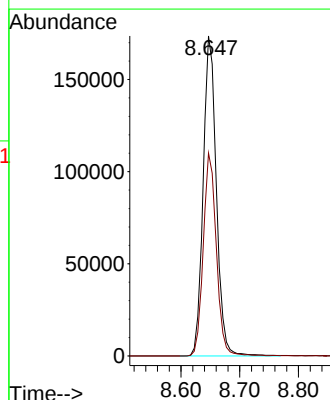
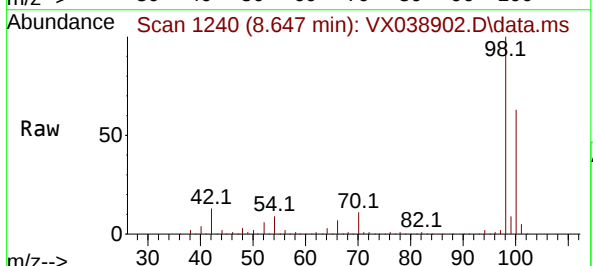
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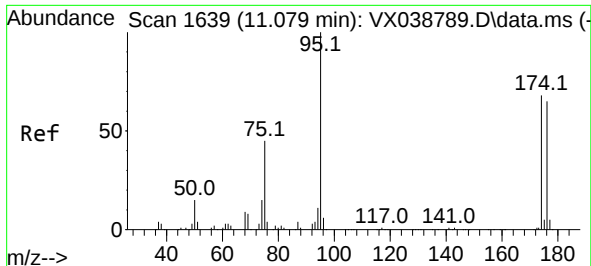
Tgt Ion: 98 Resp: 271179

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.131 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038902.D

Acq: 18 Nov 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20231109

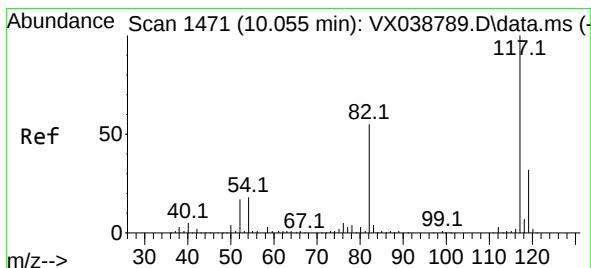
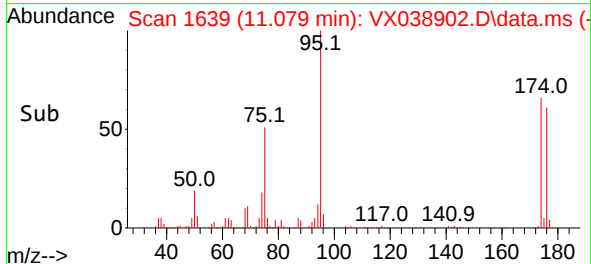
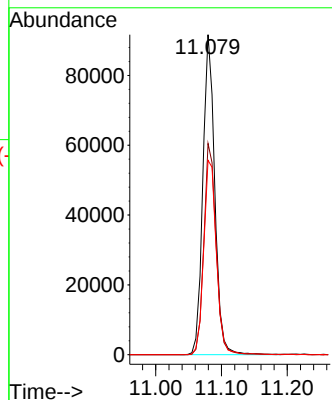
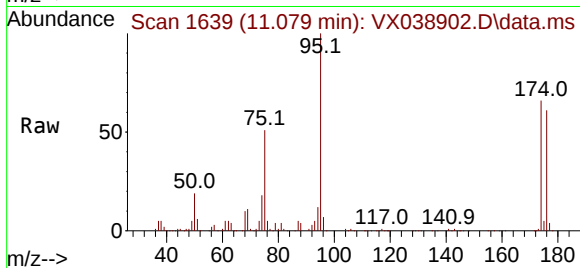
Tgt Ion: 95 Resp: 115386

Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.6

176 64.8 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: VX038902.D

Acq: 18 Nov 2023 02:25

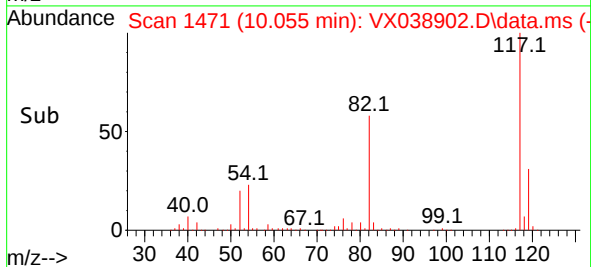
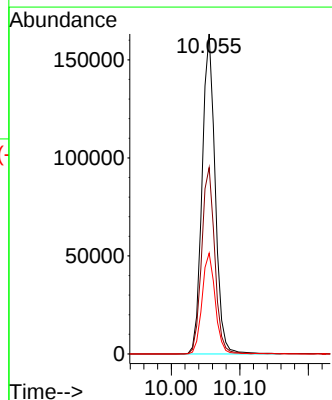
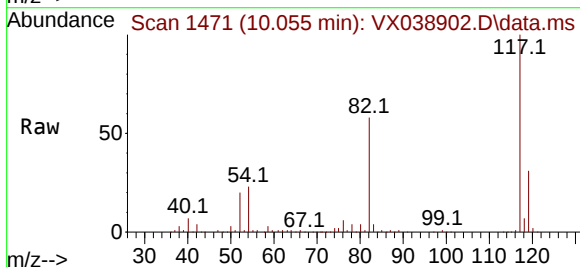
Tgt Ion: 117 Resp: 216779

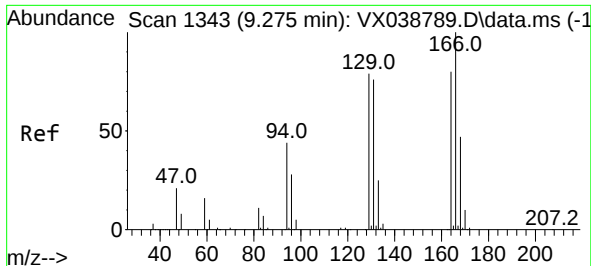
Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

119 31.5 25.5 38.3



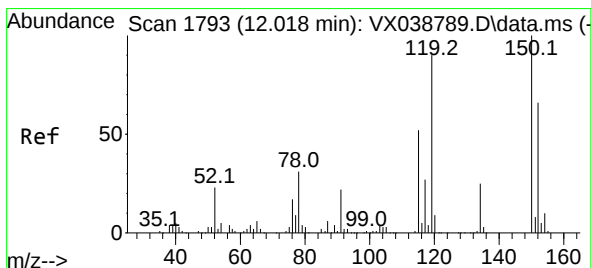
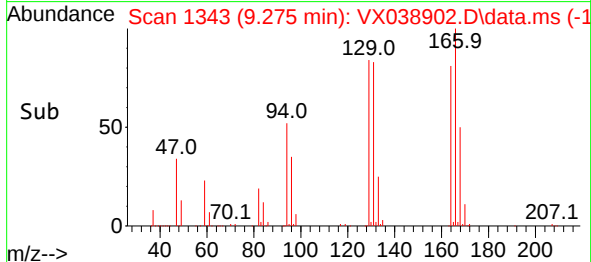
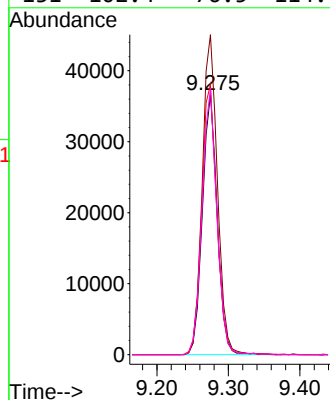
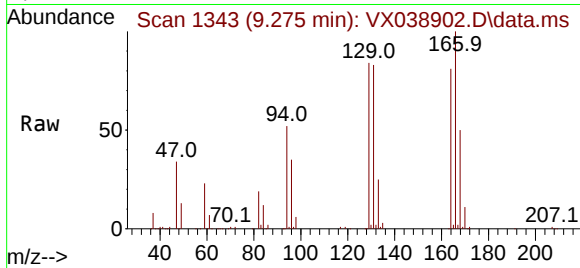


#64
Tetrachloroethene
Concen: 39.358 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038902.D
Acq: 18 Nov 2023 02:25

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20231109

Tgt Ion:164 Resp: 53034

Ion	Ratio	Lower	Upper
164	100		
166	123.0	102.7	154.1
129	103.9	80.4	120.6
131	102.4	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038902.D
Acq: 18 Nov 2023 02:25

Tgt Ion:152 Resp: 108621

Ion	Ratio	Lower	Upper
152	100		
115	66.4	43.3	129.9
150	160.2	0.0	345.0

