

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034383.D
 Acq On : 08 Mar 2023 15:08
 Operator : JC/MD
 Sample : 01843-07 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20230306

Quant Time: Mar 09 03:59:28 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)

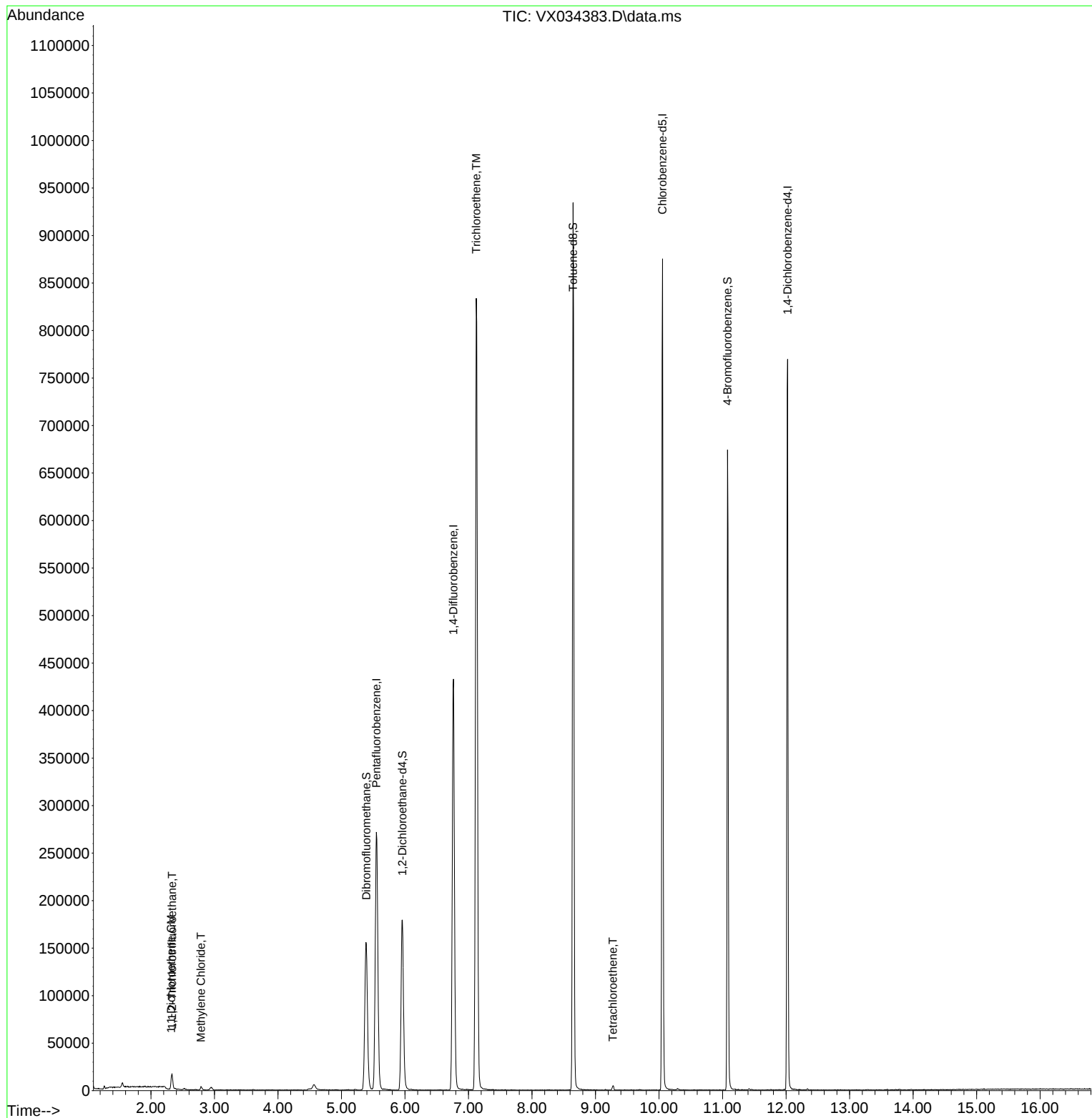
Internal Standards						
1) Pentafluorobenzene	5.550	168	268342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168808	46.710	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.420%	
35) Dibromofluoromethane	5.391	113	137948	47.394	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.780%	
50) Toluene-d8	8.647	98	537734	51.457	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.920%	
62) 4-Bromofluorobenzene	11.079	95	179715	44.960	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.920%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	5240	1.810	ug/l	93
12) 1,1-Dichloroethene	2.319	96	1688	0.582	ug/l #	65
20) Methylene Chloride	2.788	84	1518	0.452	ug/l #	85
44) Trichloroethene	7.123	130	326337	99.689	ug/l	92
64) Tetrachloroethene	9.275	164	922	0.335	ug/l	93

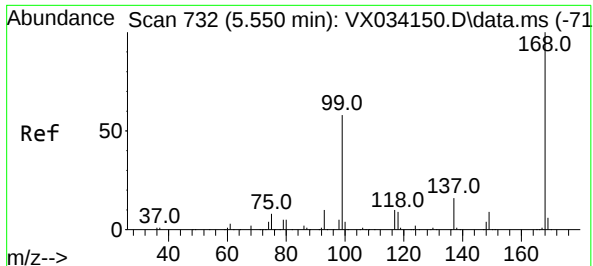
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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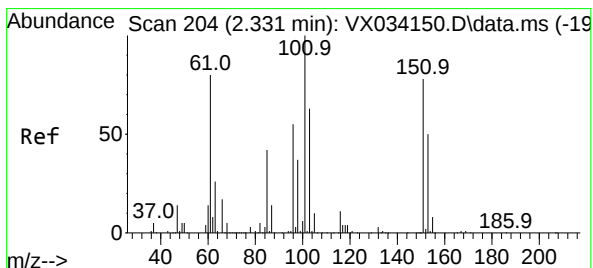
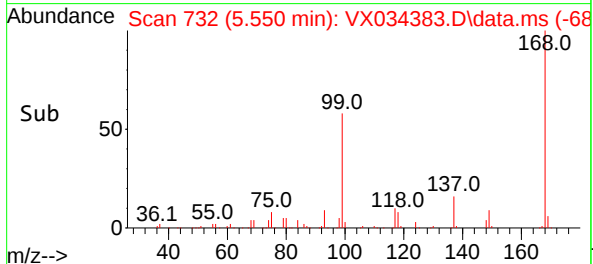
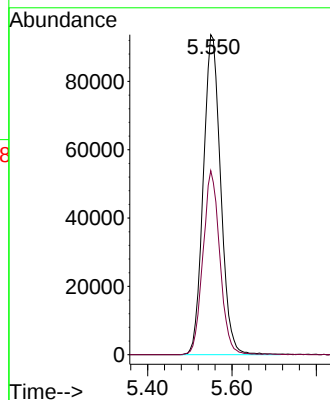
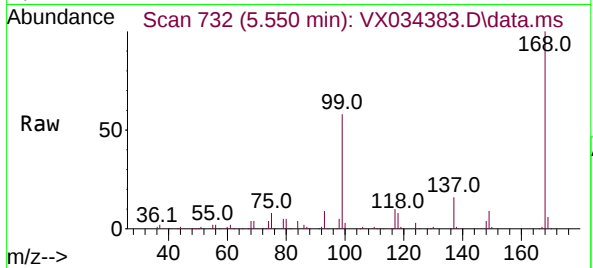




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

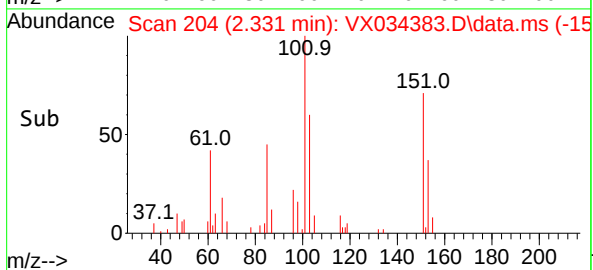
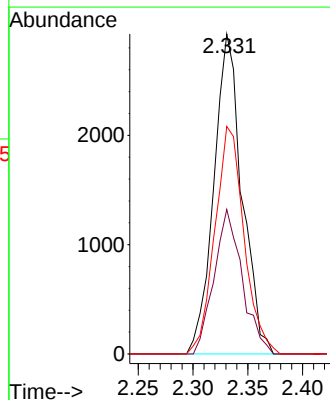
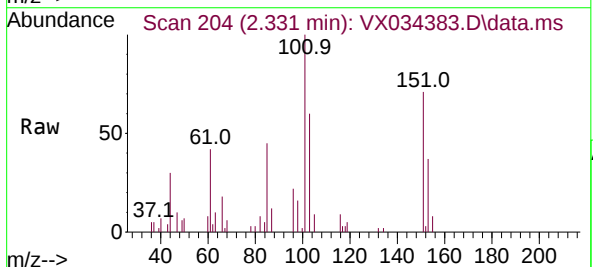
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

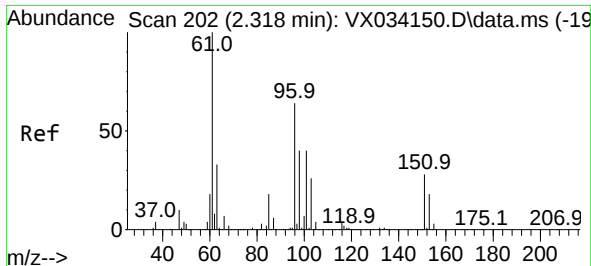
Tgt Ion:168 Resp: 268342
Ion Ratio Lower Upper
168 100
99 57.5 39.6 59.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.810 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion:101 Resp: 5240
Ion Ratio Lower Upper
101 100
85 45.0 36.7 55.1
151 73.5 66.5 99.7

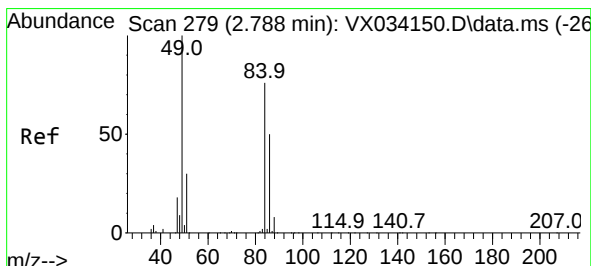
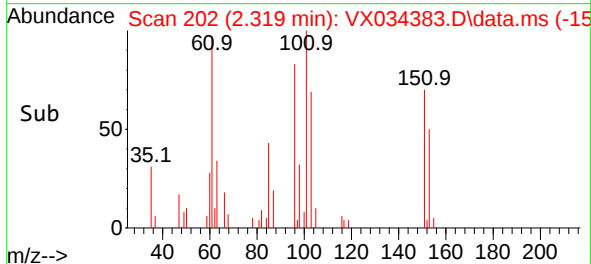
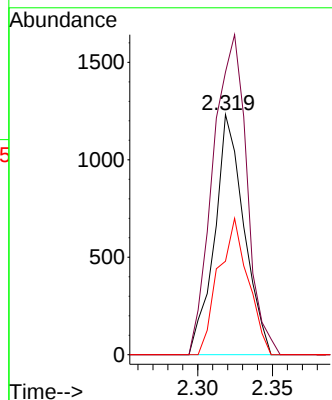
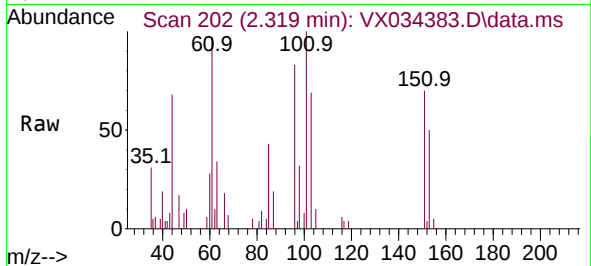




#12
1,1-Dichloroethene
Concen: 0.582 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

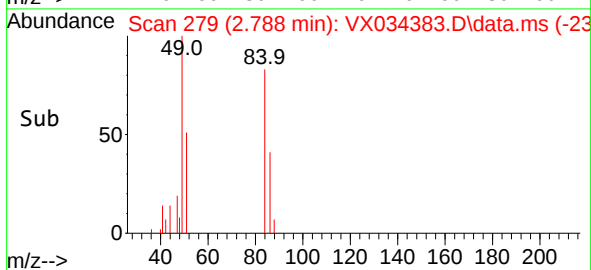
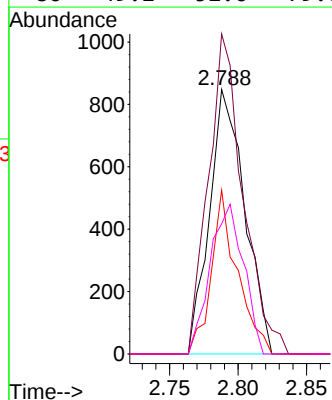
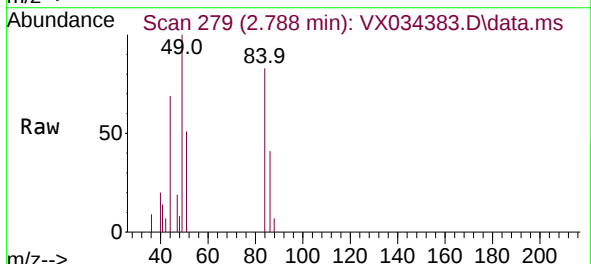
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

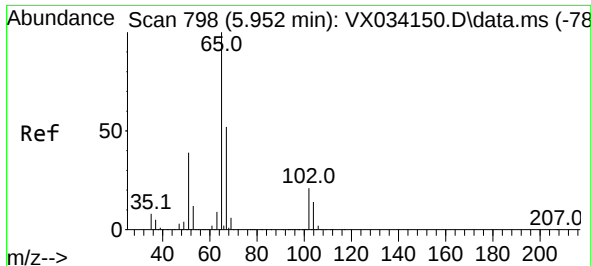
Tgt Ion: 96 Resp: 1688
Ion Ratio Lower Upper
96 100
61 117.7 134.2 201.4#
98 39.0 50.2 75.2#



#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 84 Resp: 1518
Ion Ratio Lower Upper
84 100
49 121.0 101.1 151.7
51 61.9 31.0 46.6#
86 49.2 52.6 79.0#





#33

1,2-Dichloroethane-d4

Concen: 46.710 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034383.D

Acq: 08 Mar 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

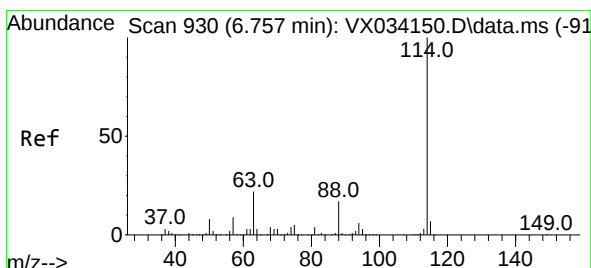
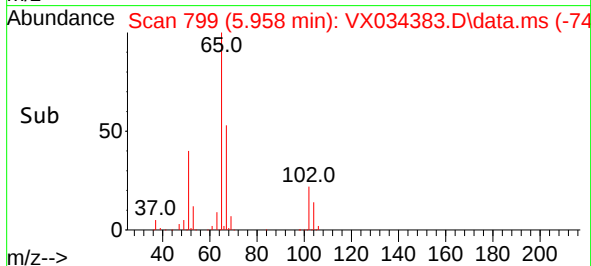
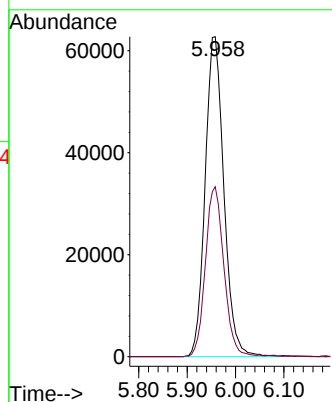
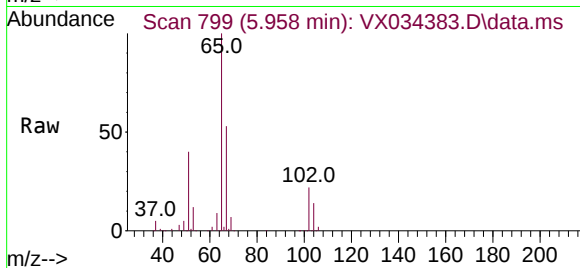
RE132D6-20230306

Tgt Ion: 65 Resp: 168808

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034383.D

Acq: 08 Mar 2023 15:08

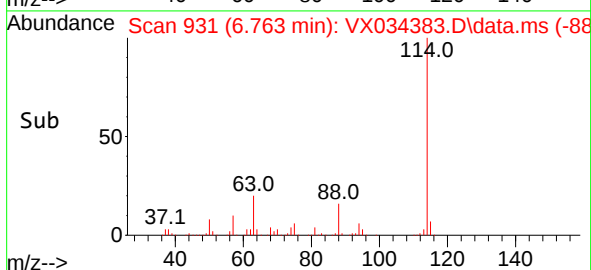
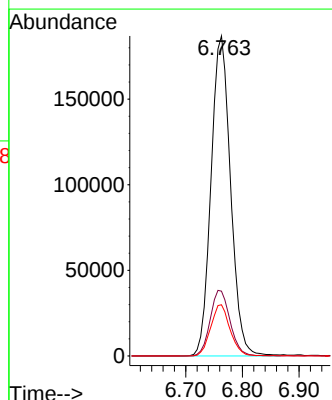
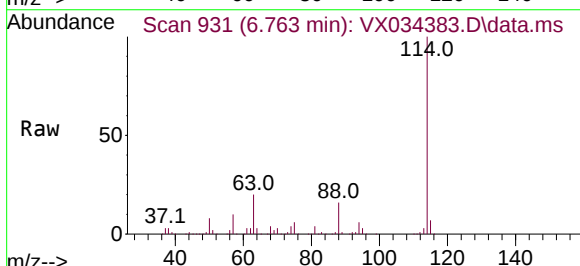
Tgt Ion: 114 Resp: 447037

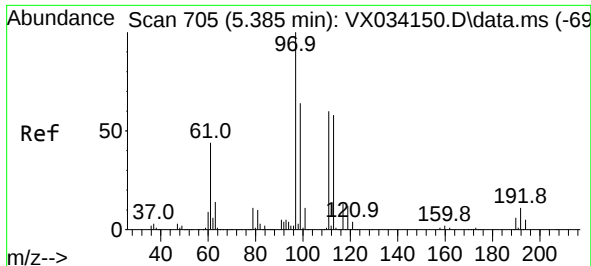
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 16.0 0.0 30.6

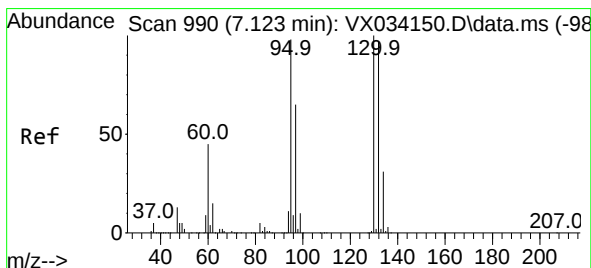
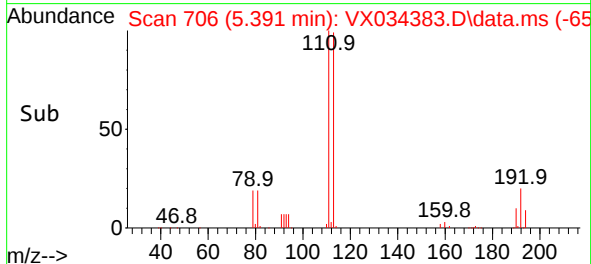
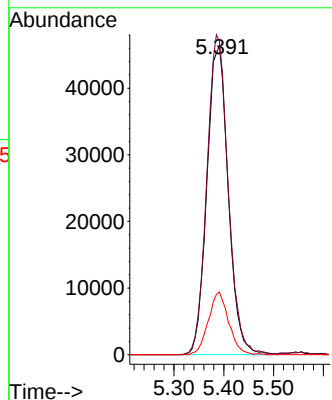
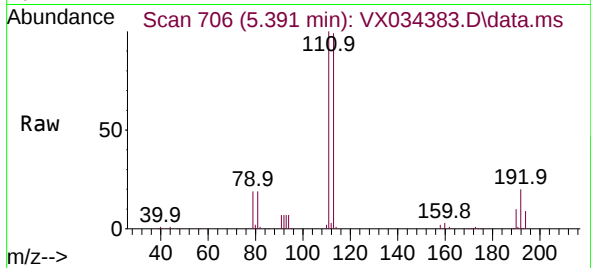




#35
Dibromofluoromethane
Concen: 47.394 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

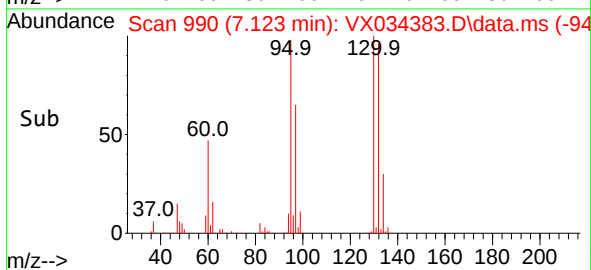
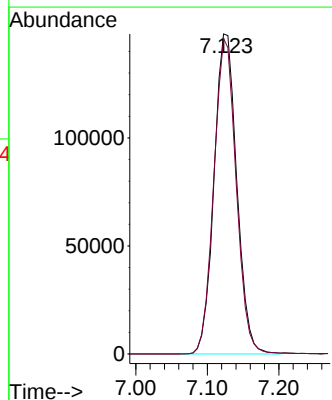
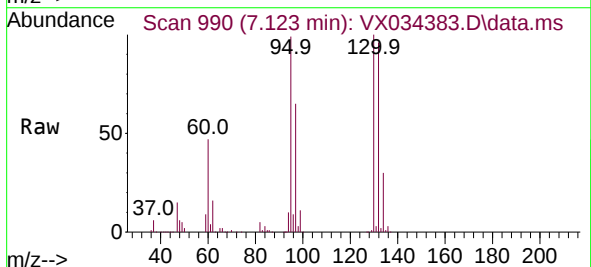
Instrument :
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ClientSampleId :
RE132D6-20230306

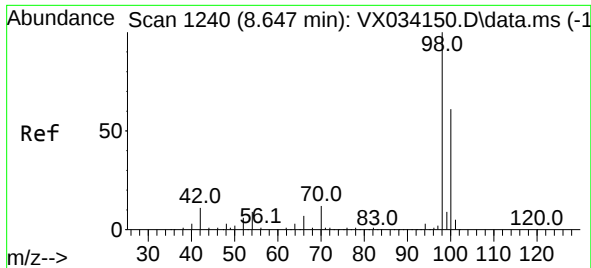
Tgt Ion:113 Resp: 137948
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 19.4 19.0 28.4



#44
Trichloroethene
Concen: 99.689 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion:130 Resp: 326337
Ion Ratio Lower Upper
130 100
95 98.5 0.0 182.6

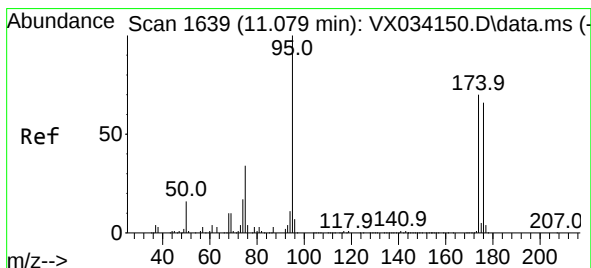
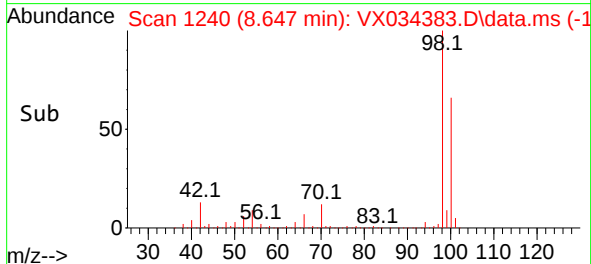
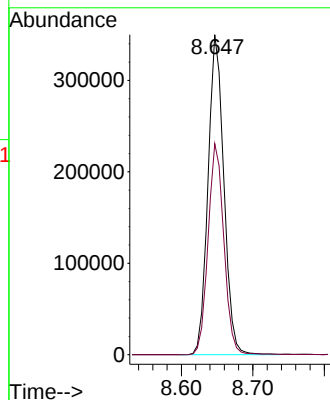
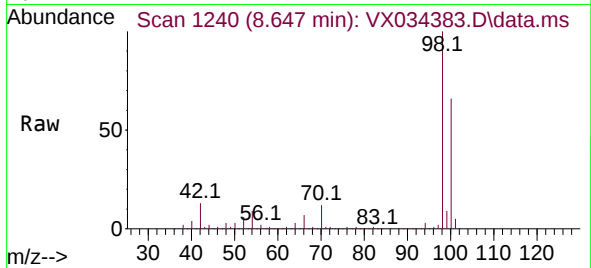




#50
Toluene-d8
Concen: 51.457 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

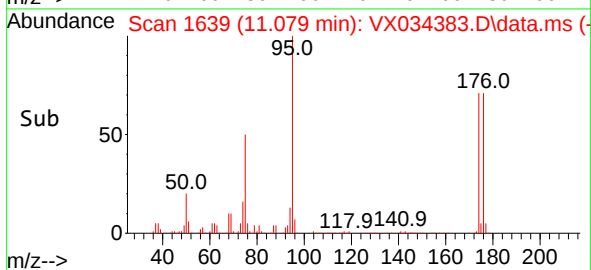
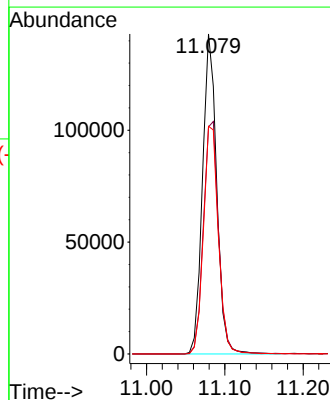
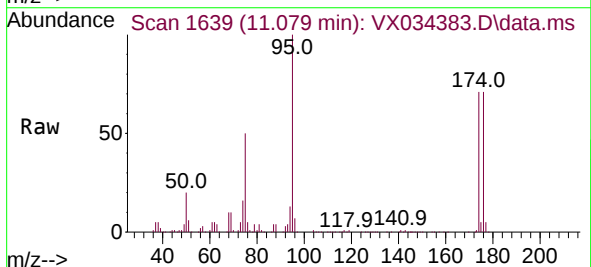
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

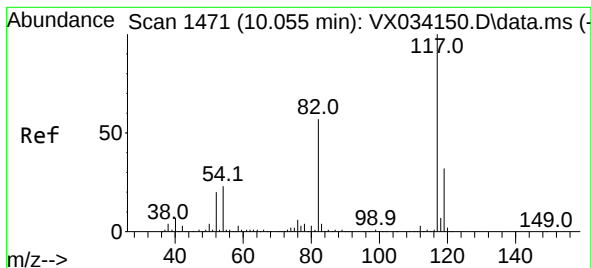
Tgt Ion: 98 Resp: 537734
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 95 Resp: 179715
Ion Ratio Lower Upper
95 100
174 77.7 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: VX034383.D

Acq: 08 Mar 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20230306

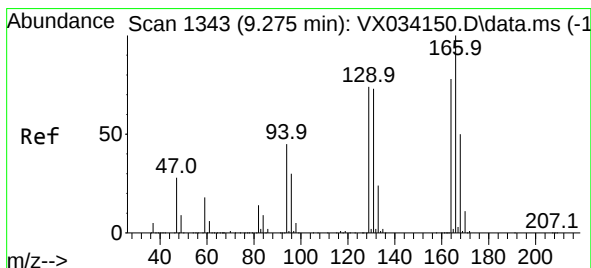
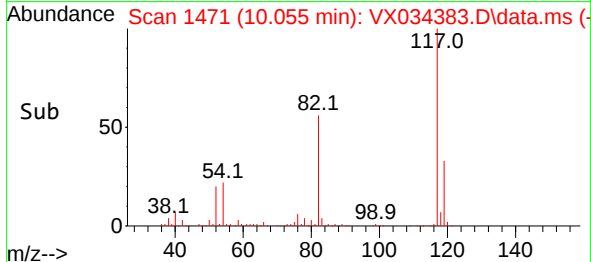
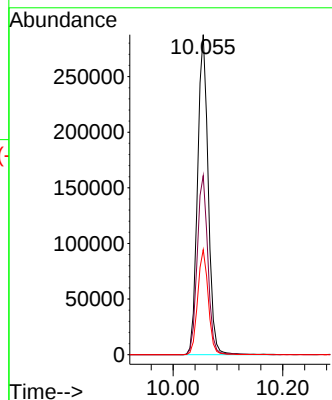
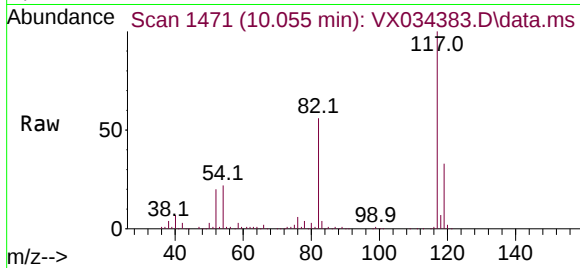
Tgt Ion:117 Resp: 389811

Ion Ratio Lower Upper

117 100

82 56.0 40.6 60.8

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 0.335 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034383.D

Acq: 08 Mar 2023 15:08

Tgt Ion:164 Resp: 922

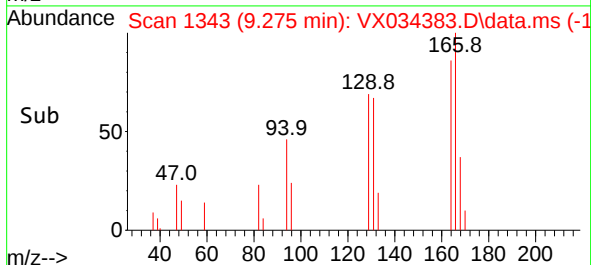
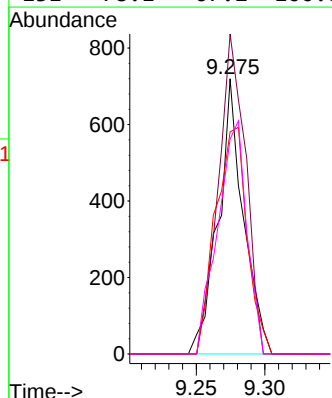
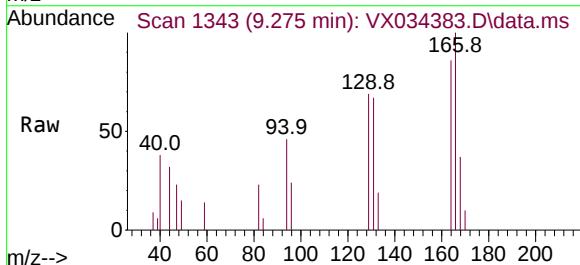
Ion Ratio Lower Upper

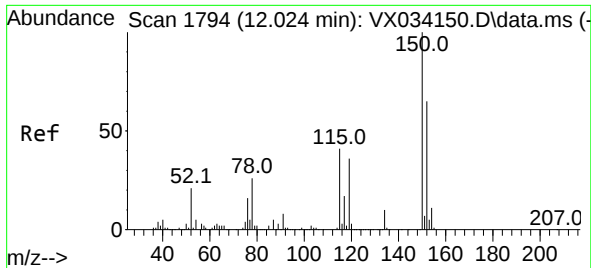
164 100

166 116.2 100.2 150.2

129 80.7 69.2 103.8

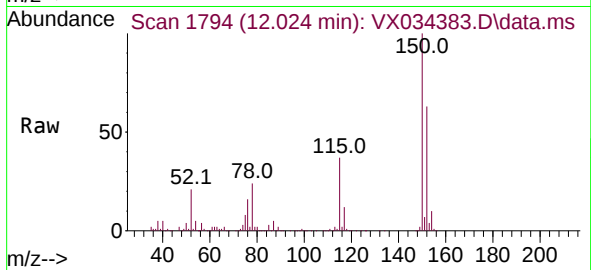
131 78.1 67.2 100.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034383.D
 Acq: 08 Mar 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20230306



Tgt Ion:152 Resp: 162747

Ion	Ratio	Lower	Upper
152	100		
115	59.7	38.7	116.1
150	155.8	0.0	348.2

