

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043249.D
 Acq On : 03 Oct 2024 10:11
 Operator : JC/MD
 Sample : P4231-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20240924

Quant Time: Oct 04 01:27:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

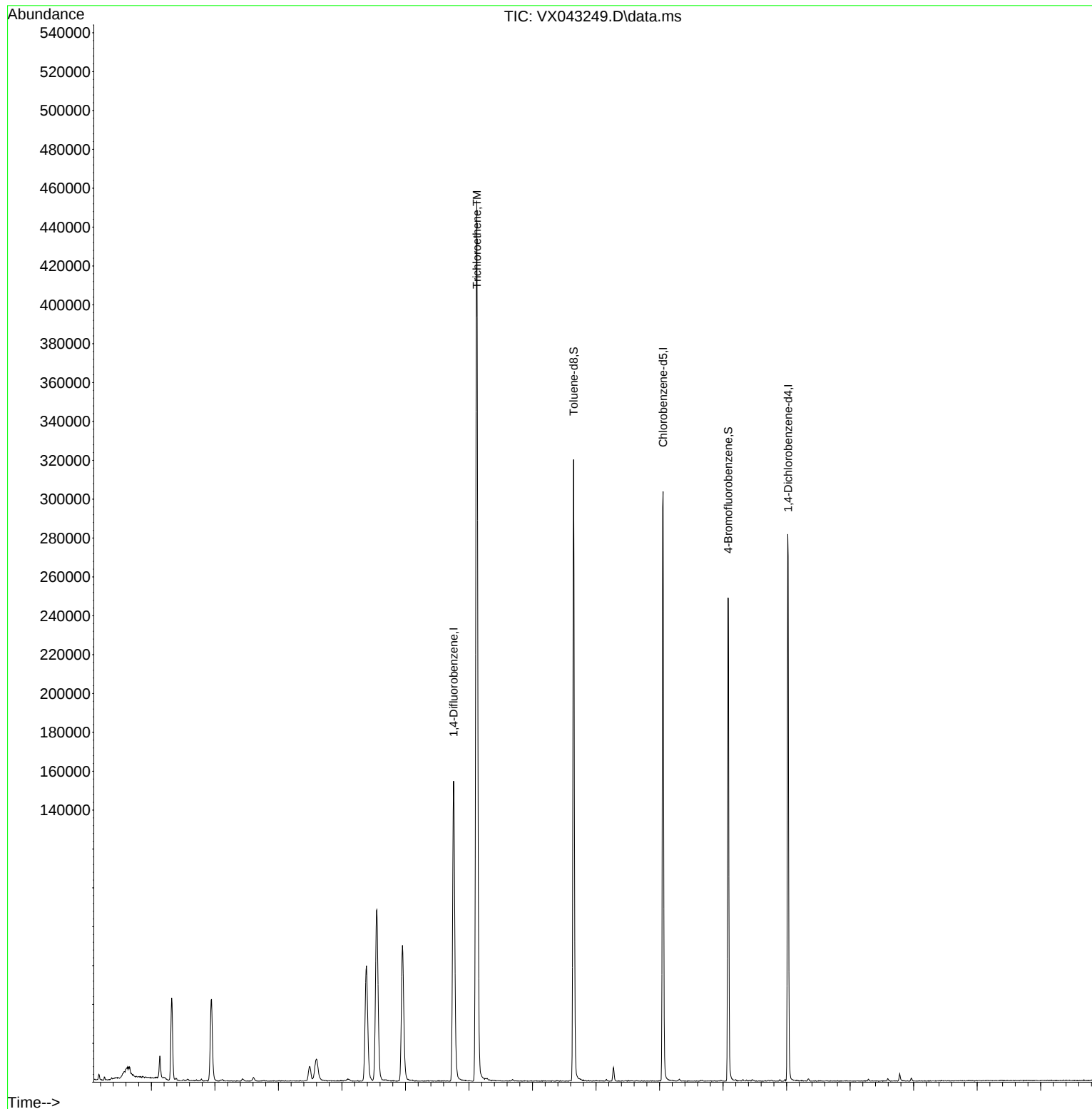
Internal Standards						
1) Pentafluorobenzene	5.550	168	80727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72047	54.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.300%
35) Dibromofluoromethane	5.385	113	52400	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.647	98	187641	50.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	65524	48.647	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.300%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	14673	16.245	ug/l	99
12) 1,1-Dichloroethene	2.313	96	2494	2.781	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	5211	4.681	ug/l	88
44) Trichloroethene	7.123	130	171455	157.749	ug/l	97
64) Tetrachloroethene	9.269	164	1235	1.316	ug/l	91

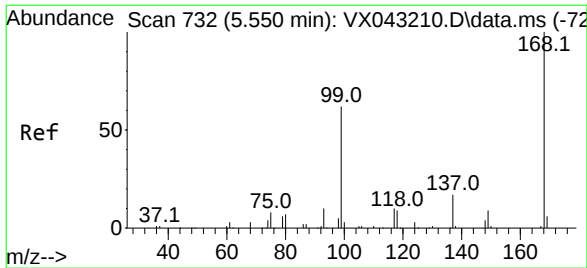
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT101D-20240924

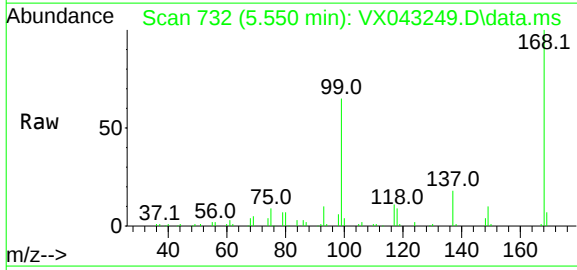
Quant Time: Oct 04 01:27:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



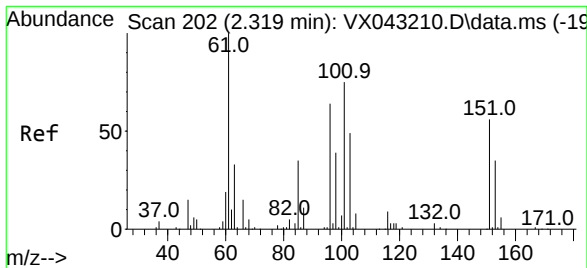
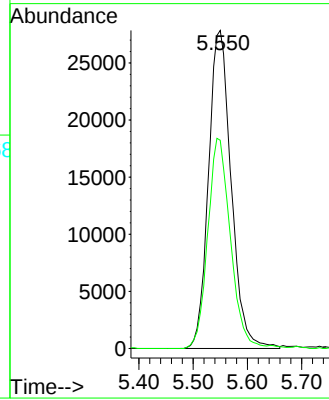
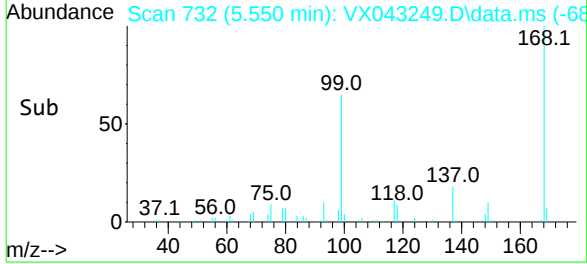


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20240924

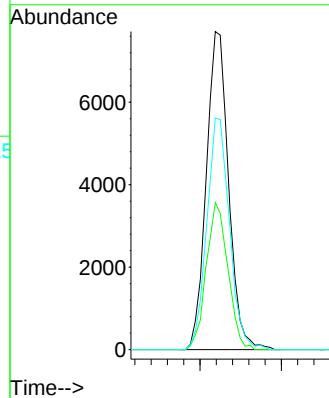
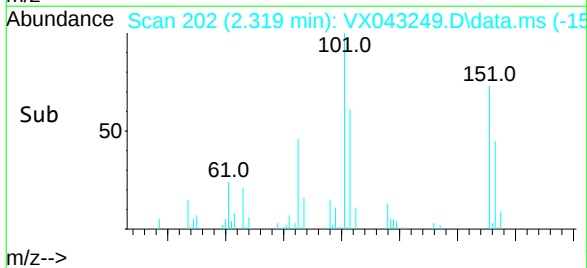
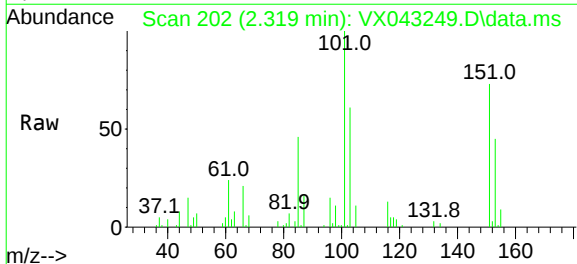


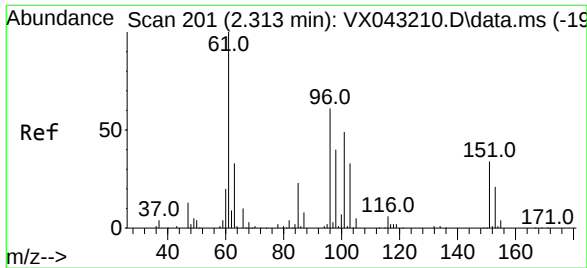
Tgt Ion:168 Resp: 80727
Ion Ratio Lower Upper
168 100
99 65.5 49.7 74.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.245 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

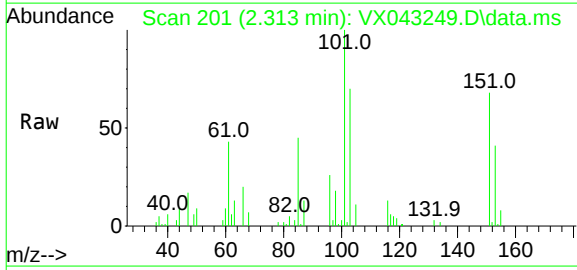
Tgt Ion:101 Resp: 14673
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 74.1 60.0 90.0



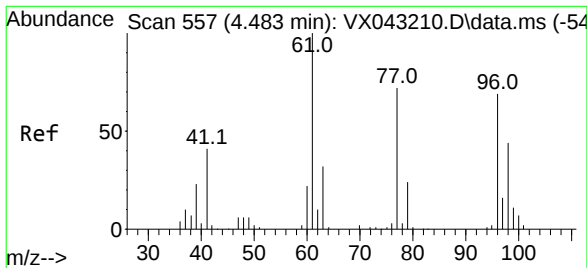
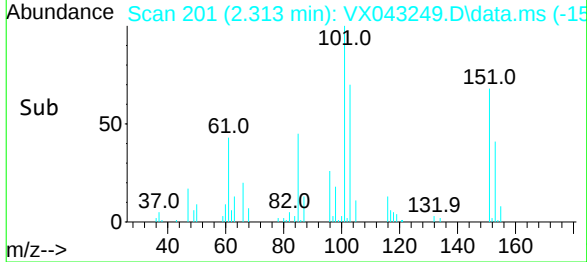
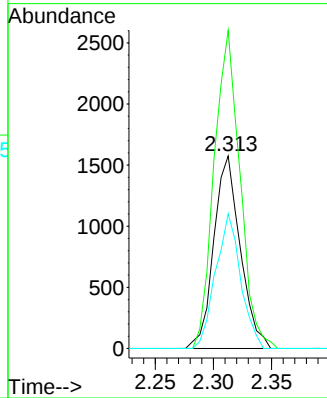


#12
1,1-Dichloroethene
Concen: 2.781 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20240924

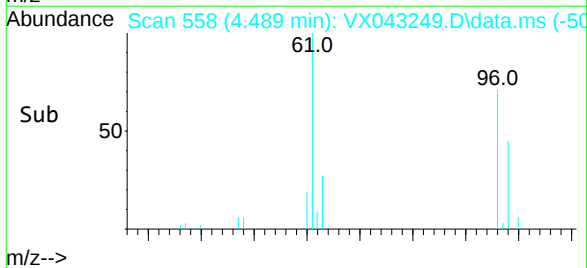
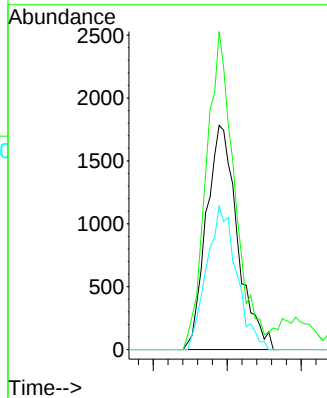
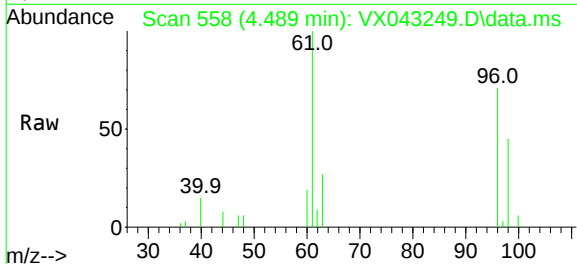


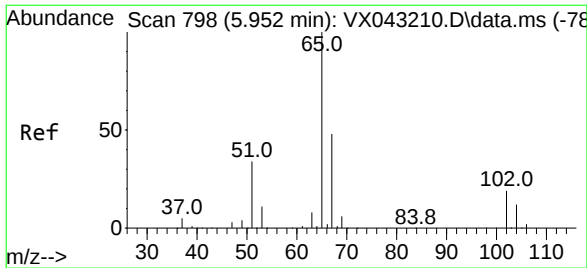
Tgt Ion: 96 Resp: 2494
Ion Ratio Lower Upper
96 100
61 165.2 130.6 195.8
98 70.0 51.7 77.5



#27
cis-1,2-Dichloroethene
Concen: 4.681 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

Tgt Ion: 96 Resp: 5211
Ion Ratio Lower Upper
96 100
61 129.7 0.0 298.2
98 61.4 0.0 128.6

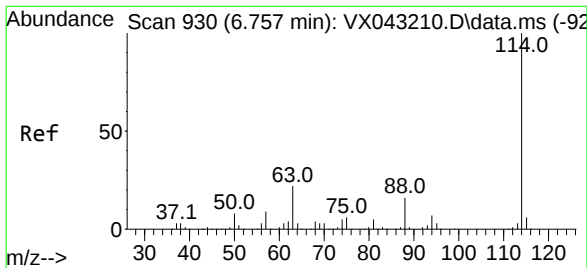
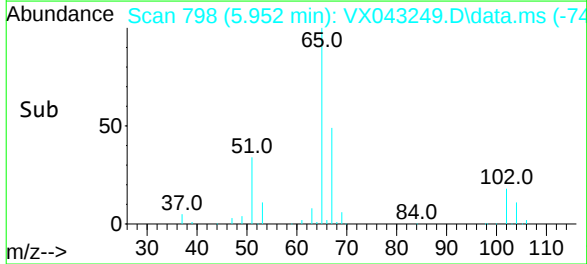
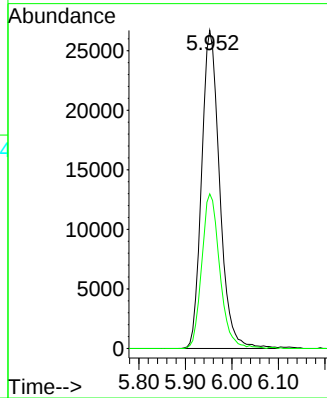
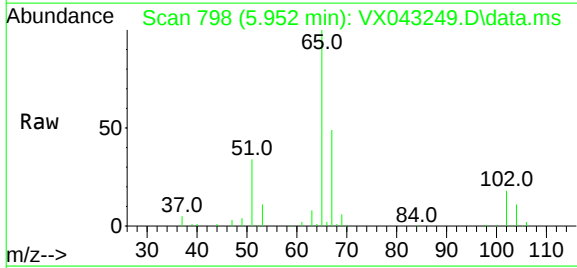




#33
1,2-Dichloroethane-d4
Concen: 54.648 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

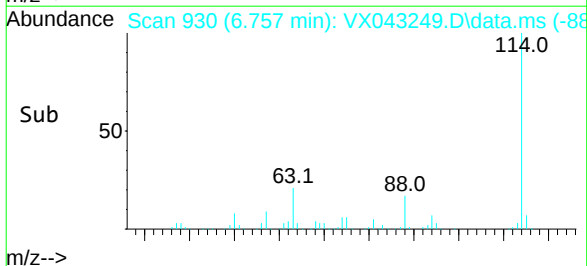
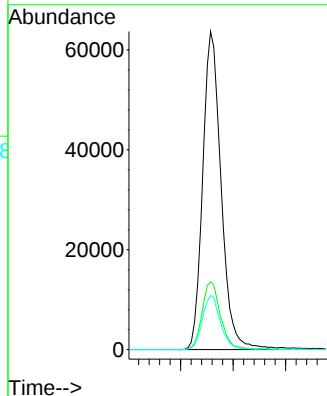
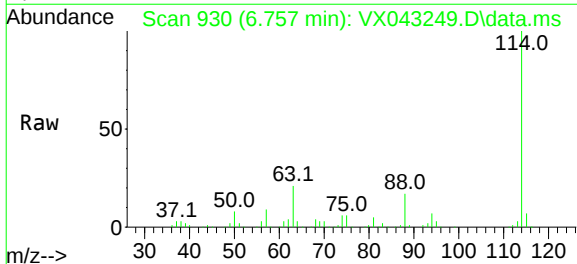
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20240924

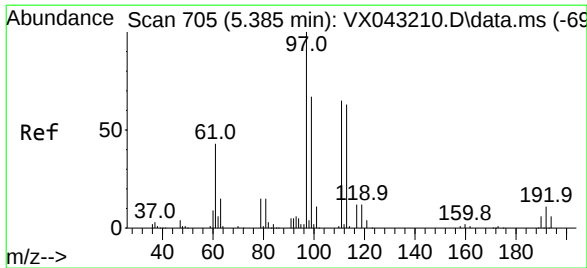
Tgt Ion: 65 Resp: 72047
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

Tgt Ion: 114 Resp: 155132
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.979 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043249.D

Acq: 03 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20240924

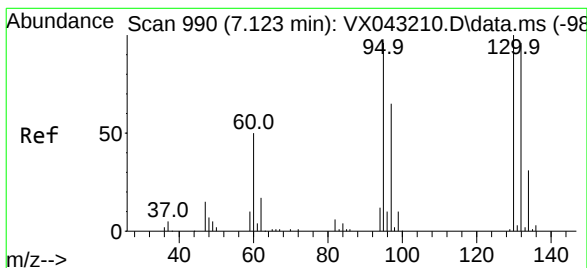
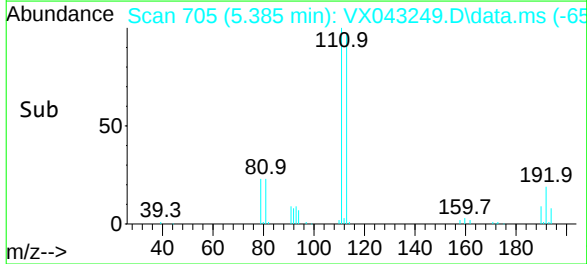
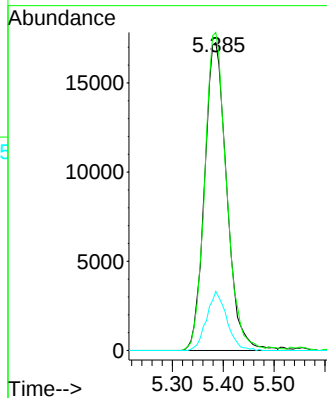
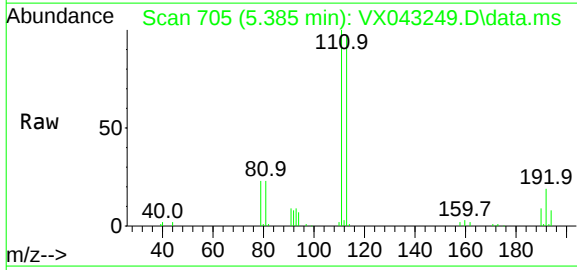
Tgt Ion:113 Resp: 52400

Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.0

192 17.4 14.1 21.1



#44

Trichloroethene

Concen: 157.749 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043249.D

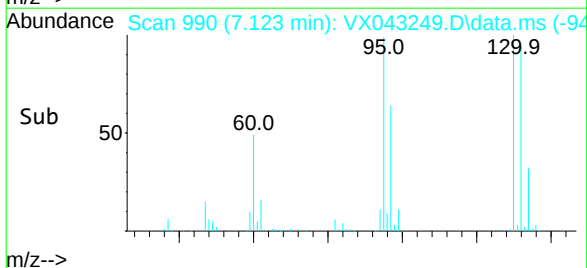
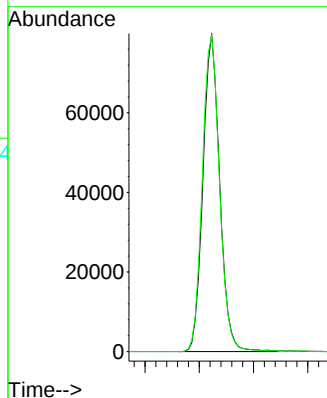
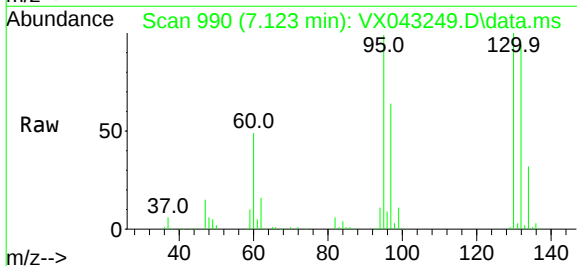
Acq: 03 Oct 2024 10:11

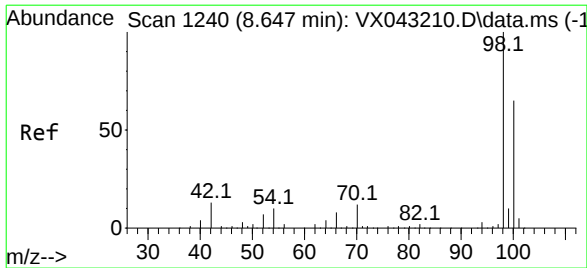
Tgt Ion:130 Resp: 171455

Ion Ratio Lower Upper

130 100

95 99.3 0.0 192.2





#50

Toluene-d8

Concen: 50.611 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043249.D

Acq: 03 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

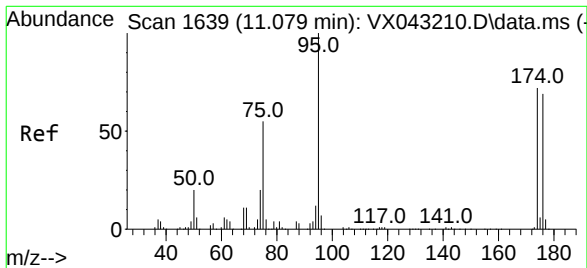
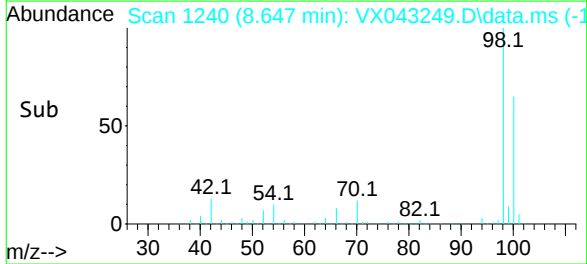
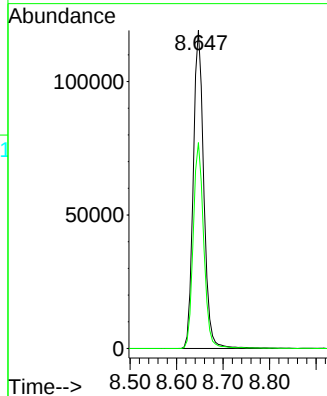
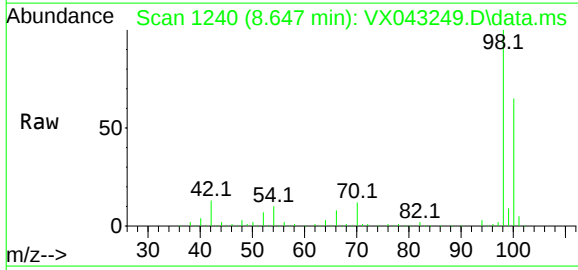
TT101D-20240924

Tgt Ion: 98 Resp: 187641

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.647 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043249.D

Acq: 03 Oct 2024 10:11

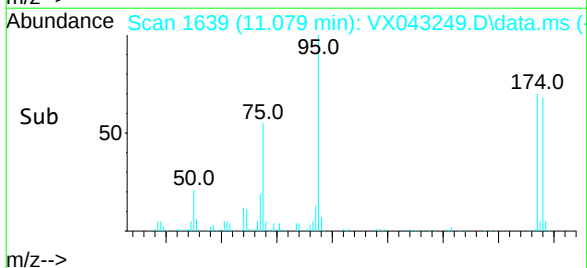
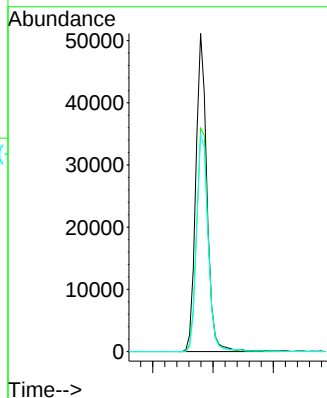
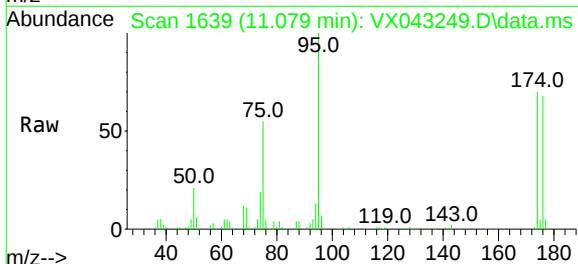
Tgt Ion: 95 Resp: 65524

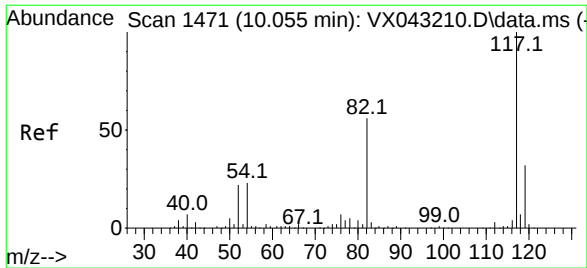
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.0

176 70.2 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043249.D

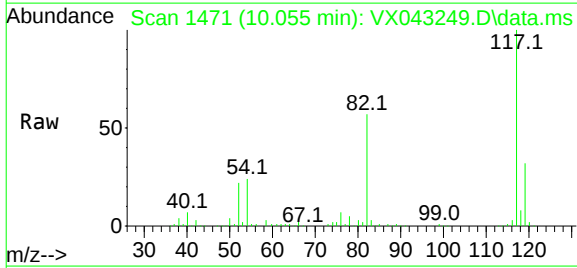
Acq: 03 Oct 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20240924



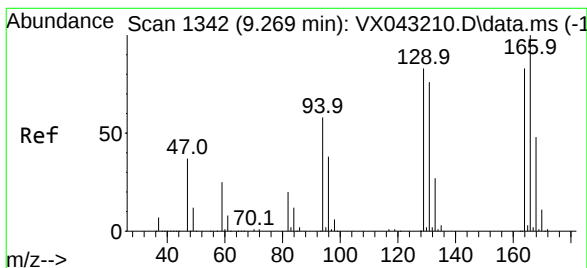
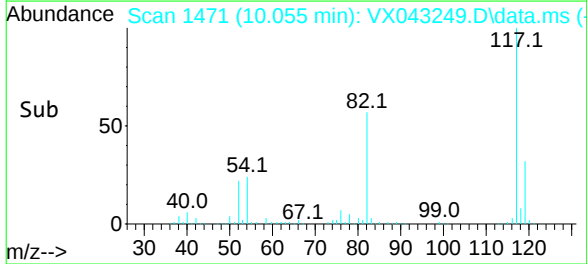
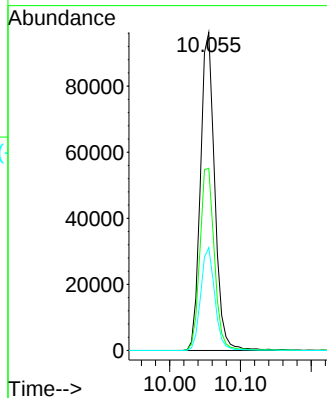
Tgt Ion:117 Resp: 135205

Ion Ratio Lower Upper

117 100

82 57.3 45.0 67.6

119 32.3 25.3 37.9



#64

Tetrachloroethene

Concen: 1.316 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043249.D

Acq: 03 Oct 2024 10:11

Tgt Ion:164 Resp: 1235

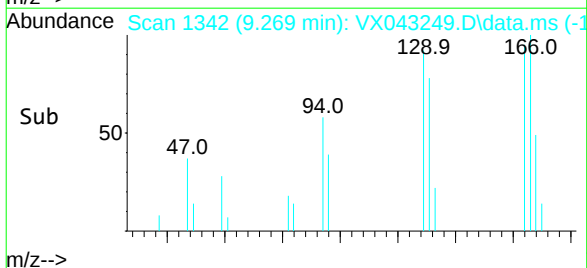
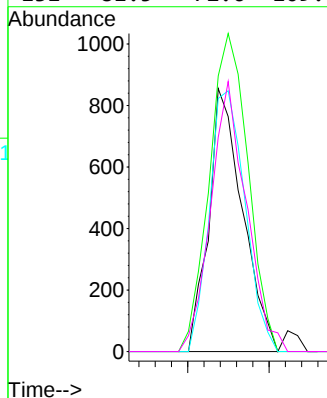
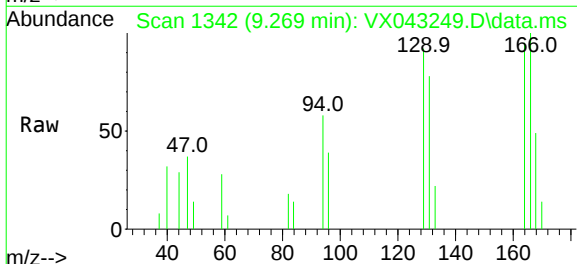
Ion Ratio Lower Upper

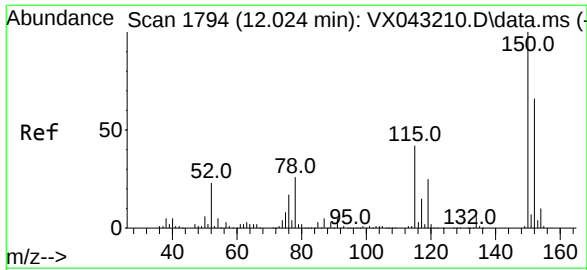
164 100

166 104.8 96.0 144.0

129 96.3 79.4 119.0

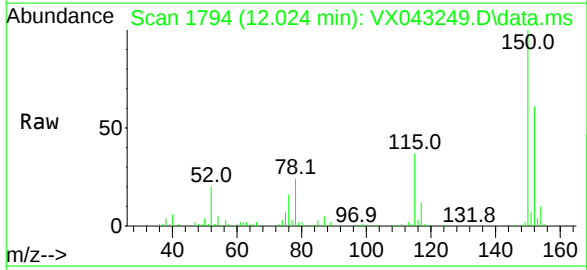
131 81.5 72.6 109.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX043249.D
Acq: 03 Oct 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	152	Resp:	57841
Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.1	132.3
150	156.1	0.0	347.4

