

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044545.D
 Acq On : 30 Dec 2024 15:45
 Operator : JC/MD
 Sample : P5317-18DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20241217DL

Quant Time: Dec 31 00:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

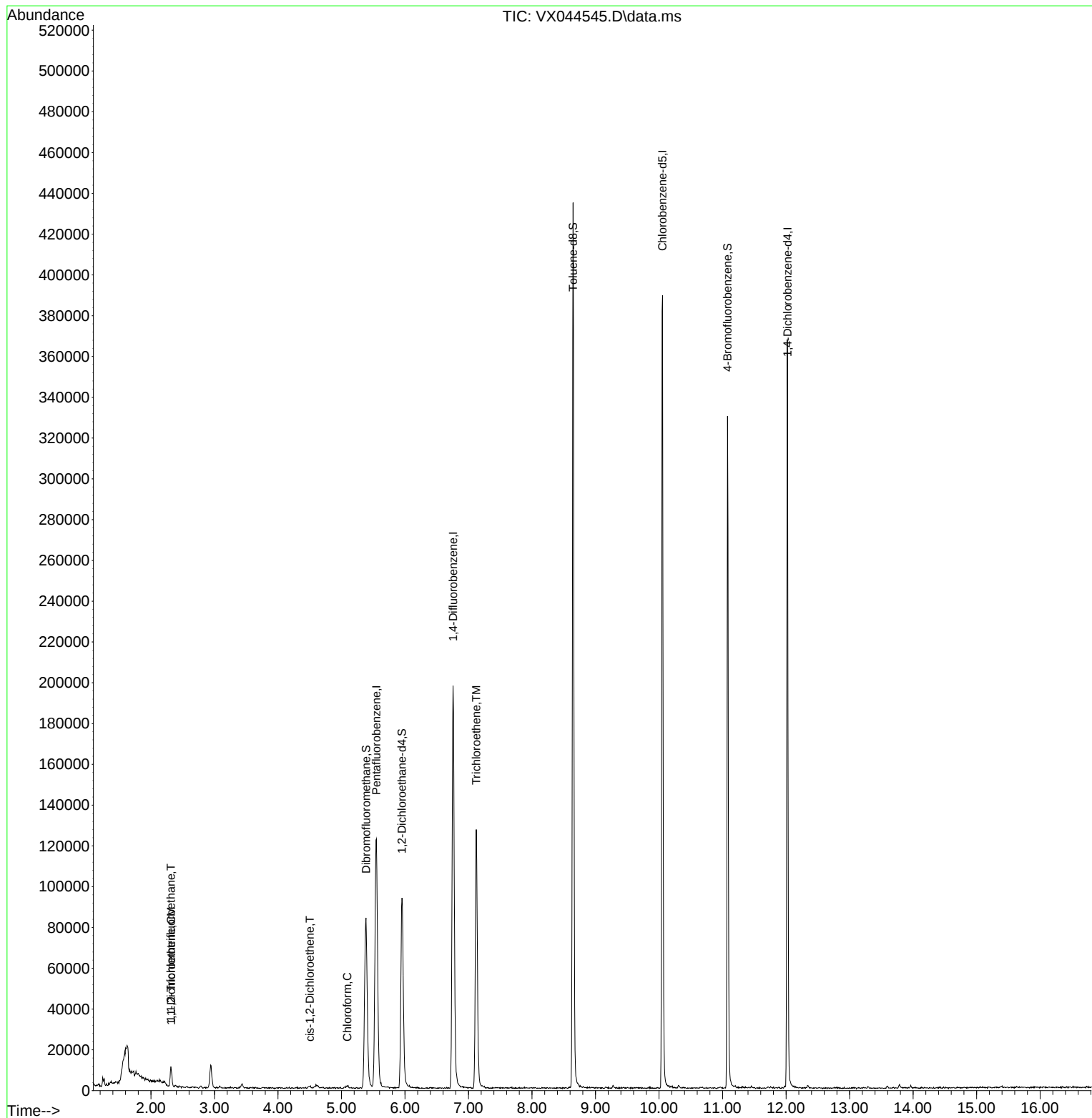
Internal Standards						
1) Pentafluorobenzene	5.550	168	117987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91587	44.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	72531	52.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	8.647	98	257969	55.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.240%
62) 4-Bromofluorobenzene	11.079	95	83972	51.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.700%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.312	101	2846	1.977	ug/l	91
12) 1,1-Dichloroethene	2.319	96	945	0.715	ug/l #	44
27) cis-1,2-Dichloroethene	4.501	96	750	0.420	ug/l	76
30) Chloroform	5.092	83	1146	0.369	ug/l	96
44) Trichloroethene	7.123	130	49829	36.704	ug/l	99

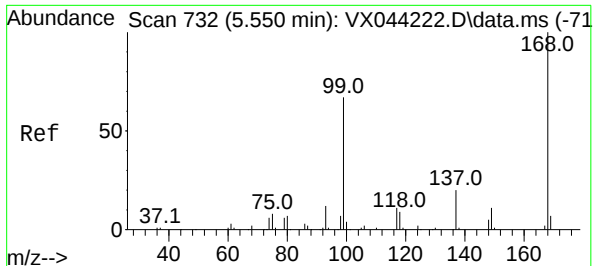
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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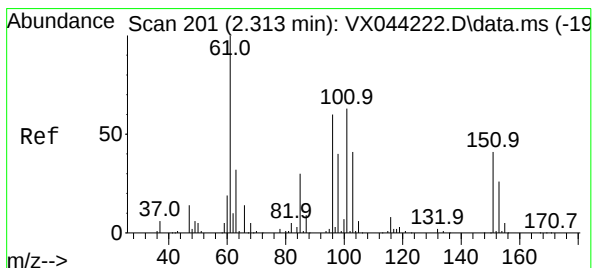
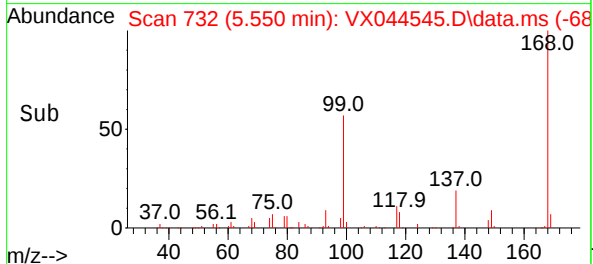
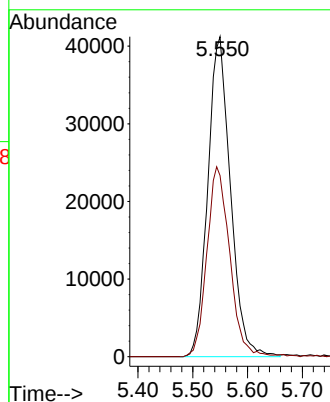
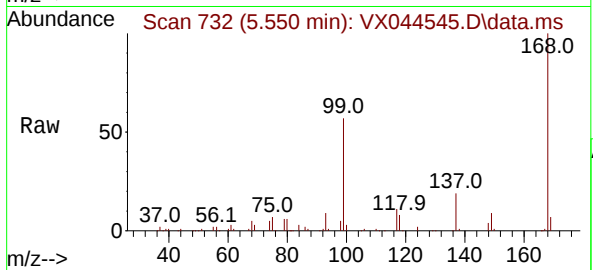




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

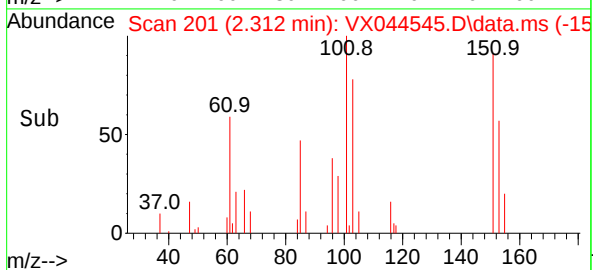
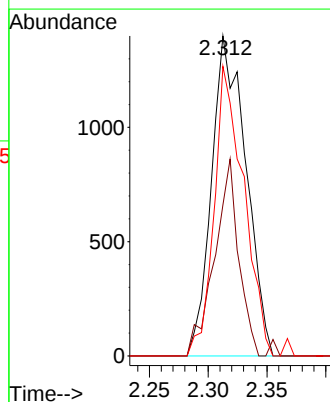
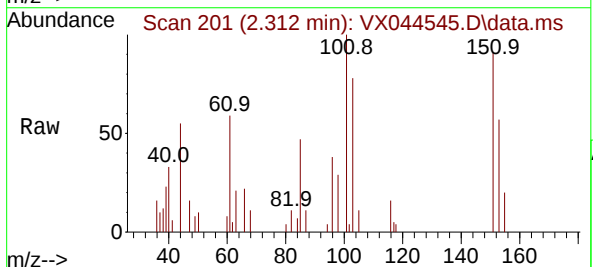
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217DL

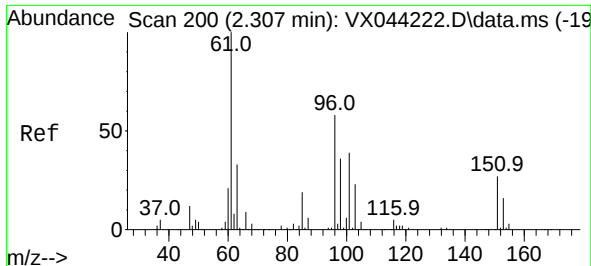
Tgt Ion:168 Resp: 117987
Ion Ratio Lower Upper
168 100
99 56.6 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.977 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

Tgt Ion:101 Resp: 2846
Ion Ratio Lower Upper
101 100
85 43.4 38.5 57.7
151 78.0 55.8 83.6





#12

1,1-Dichloroethene

Concen: 0.715 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX044545.D

Acq: 30 Dec 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217DL

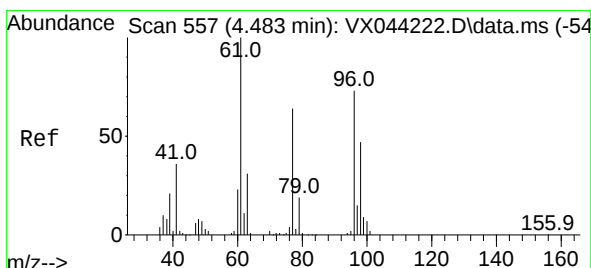
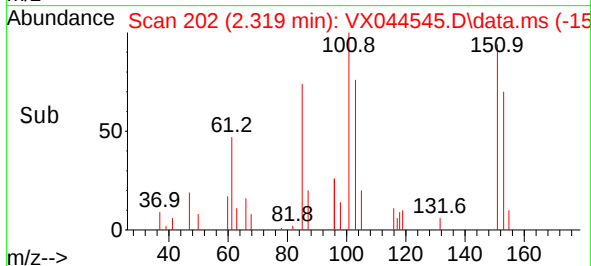
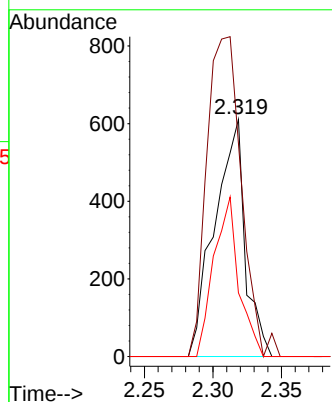
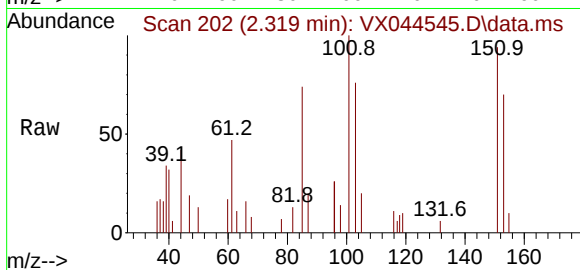
Tgt Ion: 96 Resp: 945

Ion Ratio Lower Upper

96 100

61 89.9 138.0 207.0#

98 26.8 50.0 75.0#



#27

cis-1,2-Dichloroethene

Concen: 0.420 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.018 min

Lab File: VX044545.D

Acq: 30 Dec 2024 15:45

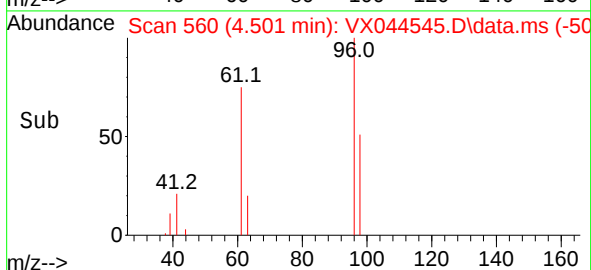
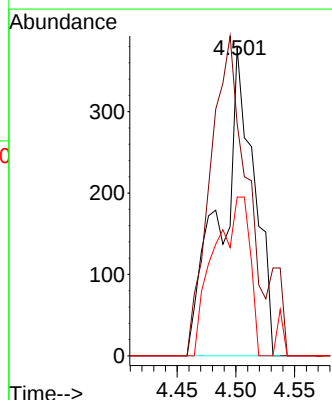
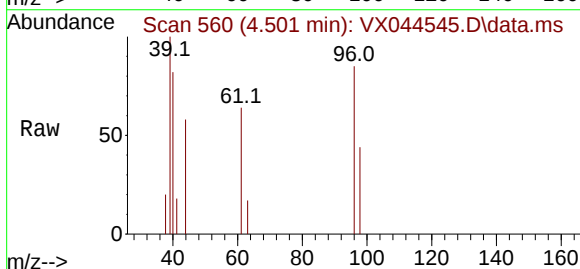
Tgt Ion: 96 Resp: 750

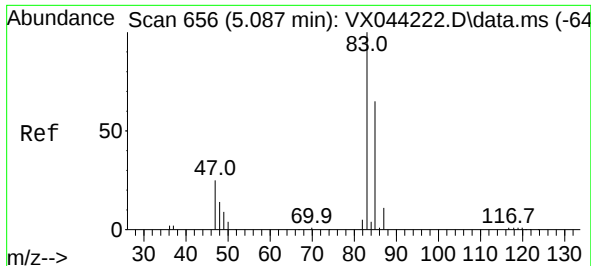
Ion Ratio Lower Upper

96 100

61 112.5 0.0 299.0

98 54.7 0.0 129.0





#30

Chloroform

Concen: 0.369 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044545.D

Acq: 30 Dec 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

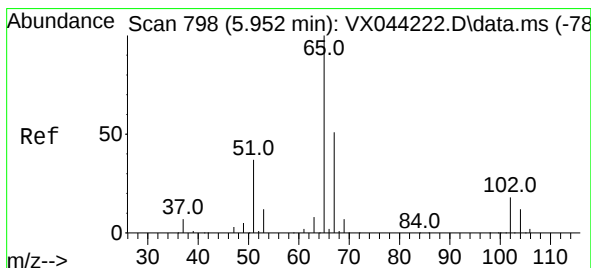
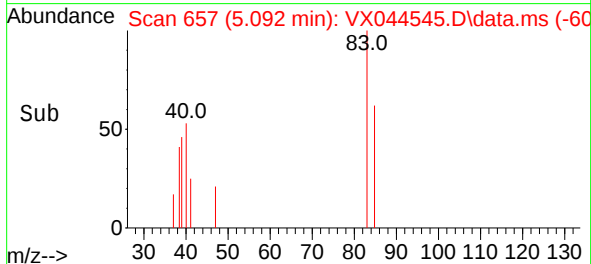
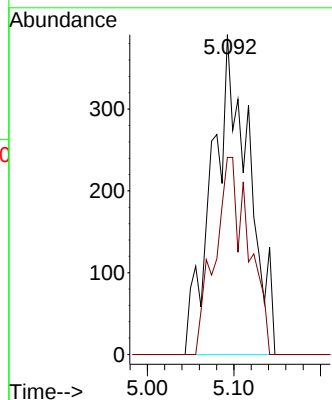
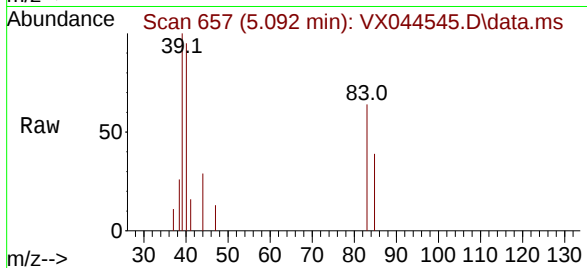
RE132D5-20241217DL

Tgt Ion: 83 Resp: 1146

Ion Ratio Lower Upper

83 100

85 61.6 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 44.273 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044545.D

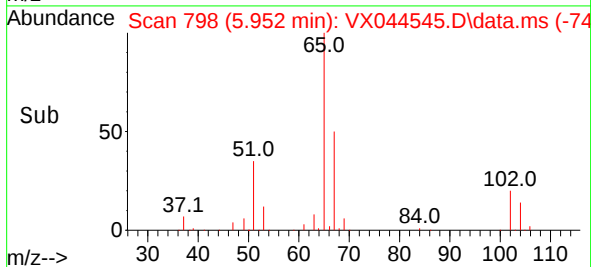
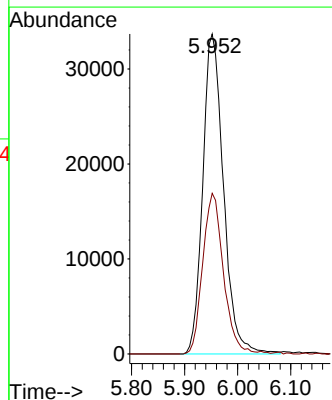
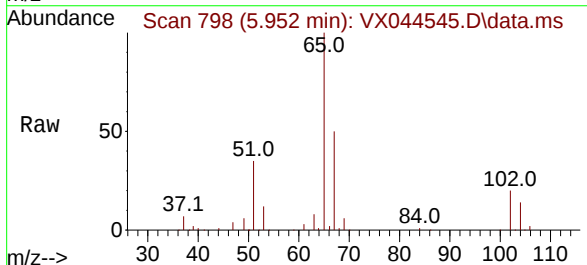
Acq: 30 Dec 2024 15:45

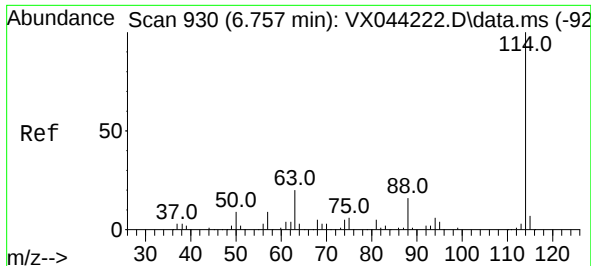
Tgt Ion: 65 Resp: 91587

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.6

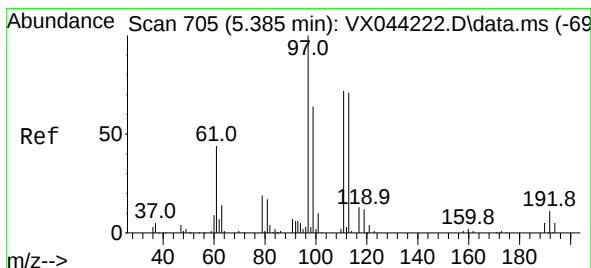
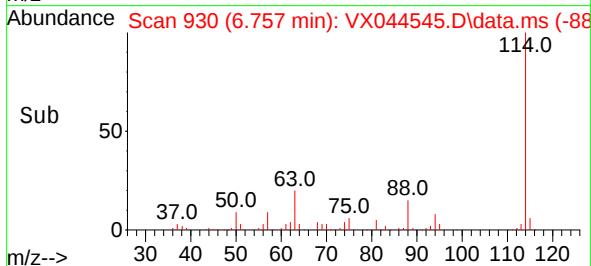
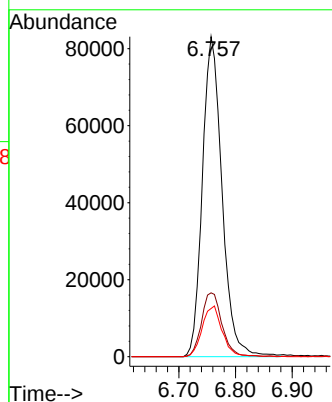
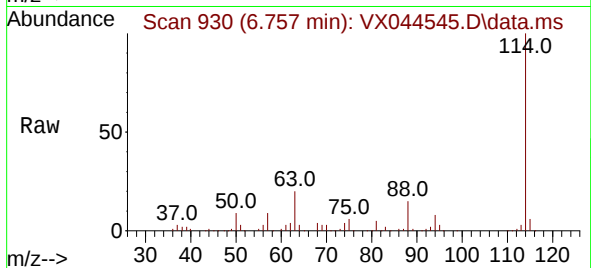




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

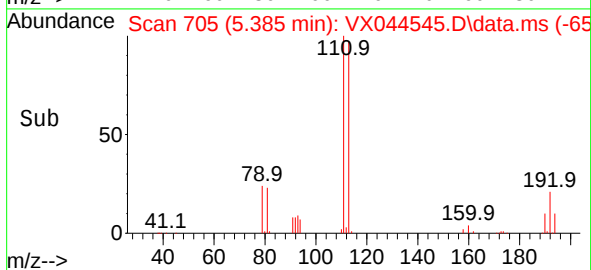
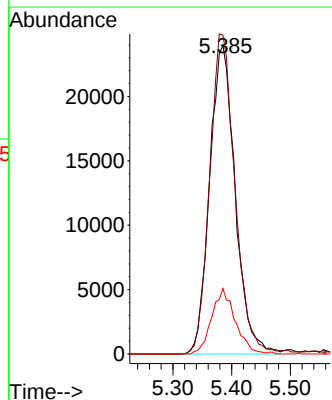
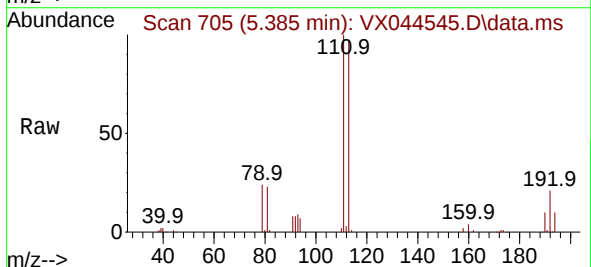
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217DL

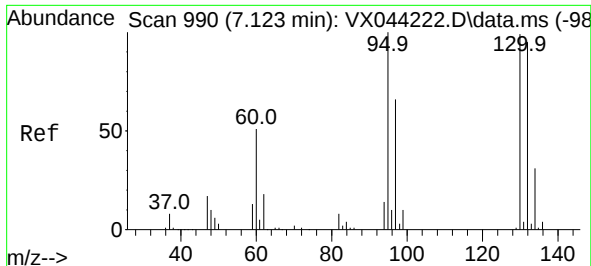
Tgt Ion:114 Resp: 200283
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.288 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

Tgt Ion:113 Resp: 72531
Ion Ratio Lower Upper
113 100
111 101.7 80.4 120.6
192 19.4 13.3 19.9

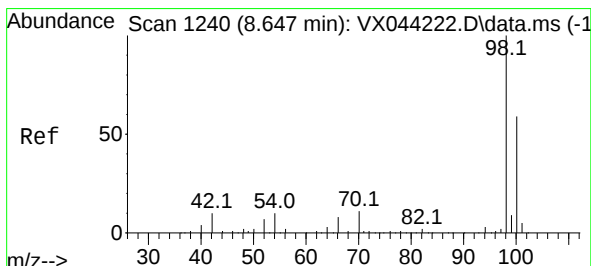
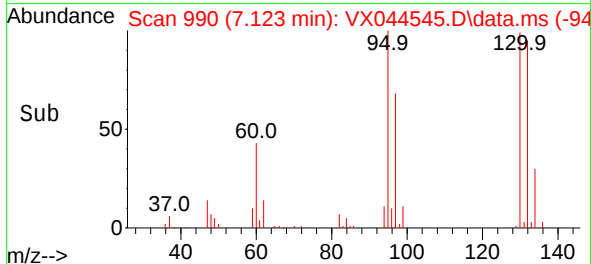
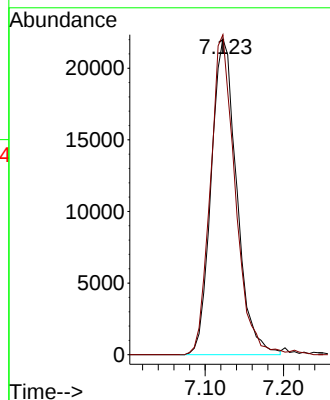
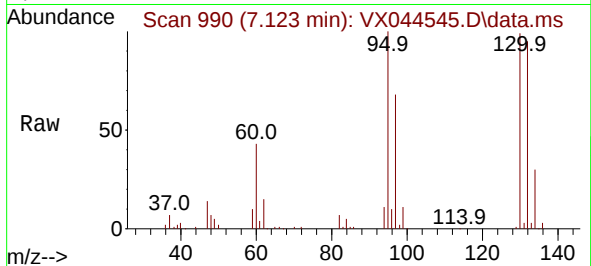




#44
Trichloroethene
Concen: 36.704 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

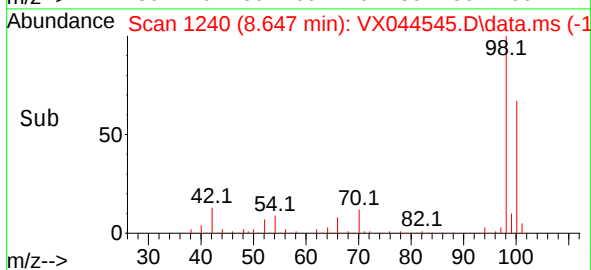
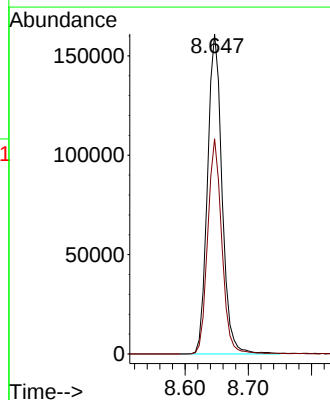
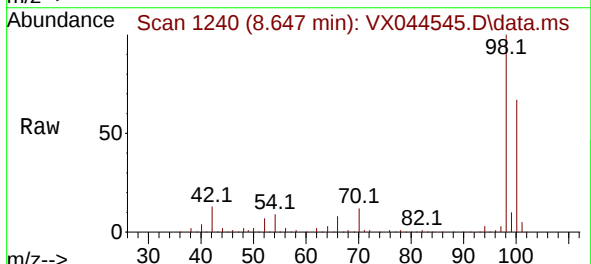
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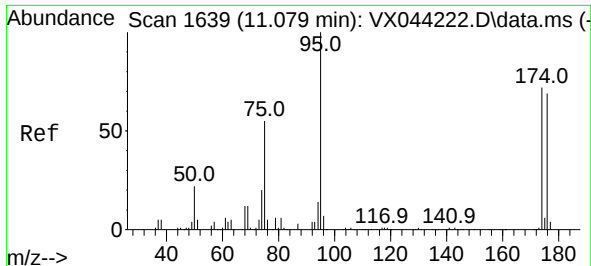
Tgt Ion:130 Resp: 49829
Ion Ratio Lower Upper
130 100
95 101.3 0.0 201.4



#50
Toluene-d8
Concen: 55.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044545.D
Acq: 30 Dec 2024 15:45

Tgt Ion: 98 Resp: 257969
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 51.351 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044545.D

Acq: 30 Dec 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217DL

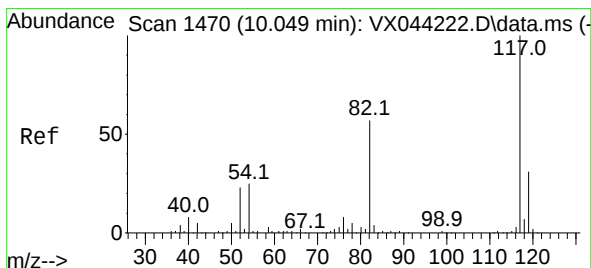
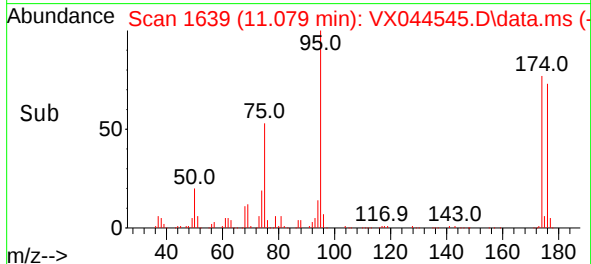
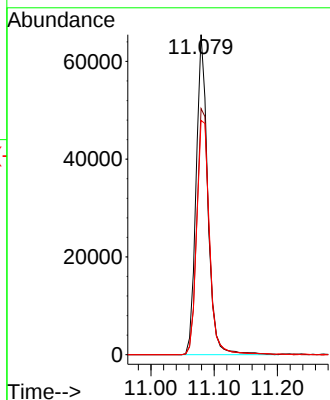
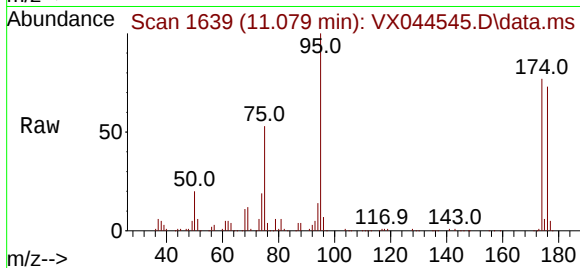
Tgt Ion: 95 Resp: 83972

Ion Ratio Lower Upper

95 100

174 82.3 0.0 145.8

176 80.6 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044545.D

Acq: 30 Dec 2024 15:45

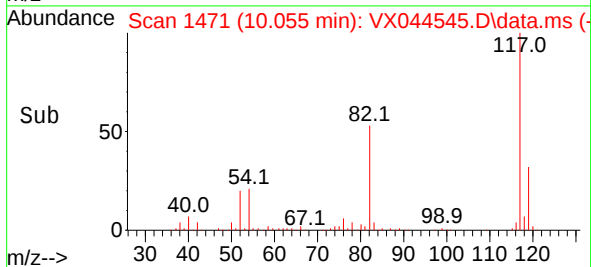
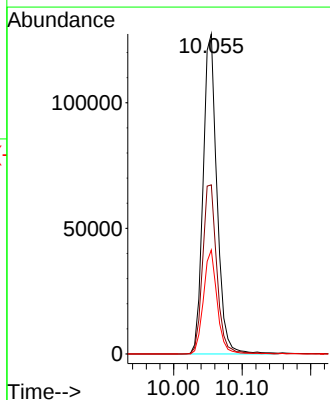
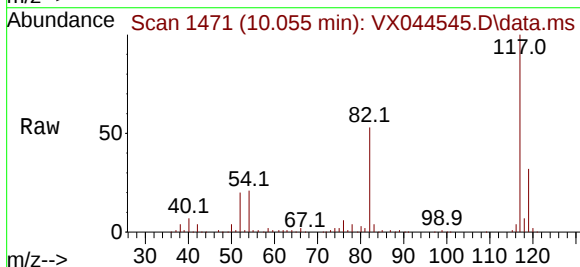
Tgt Ion: 117 Resp: 179426

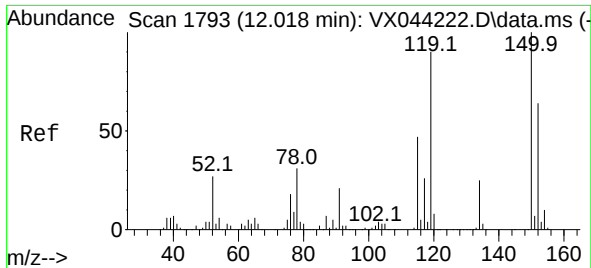
Ion Ratio Lower Upper

117 100

82 52.8 45.8 68.8

119 32.5 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044545.D

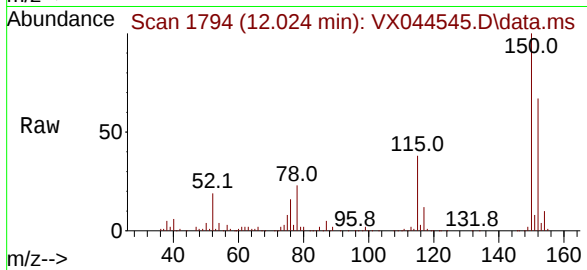
Acq: 30 Dec 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217DL



Tgt Ion:152 Resp: 75456

Ion Ratio Lower Upper

152 100

115 59.3 44.5 133.3

150 157.4 0.0 353.8

