

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025548.D
 Acq On : 06 Dec 2021 14:55
 Operator : JC/MD
 Sample : M4923-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20211130

Quant Time: Dec 07 05:59:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

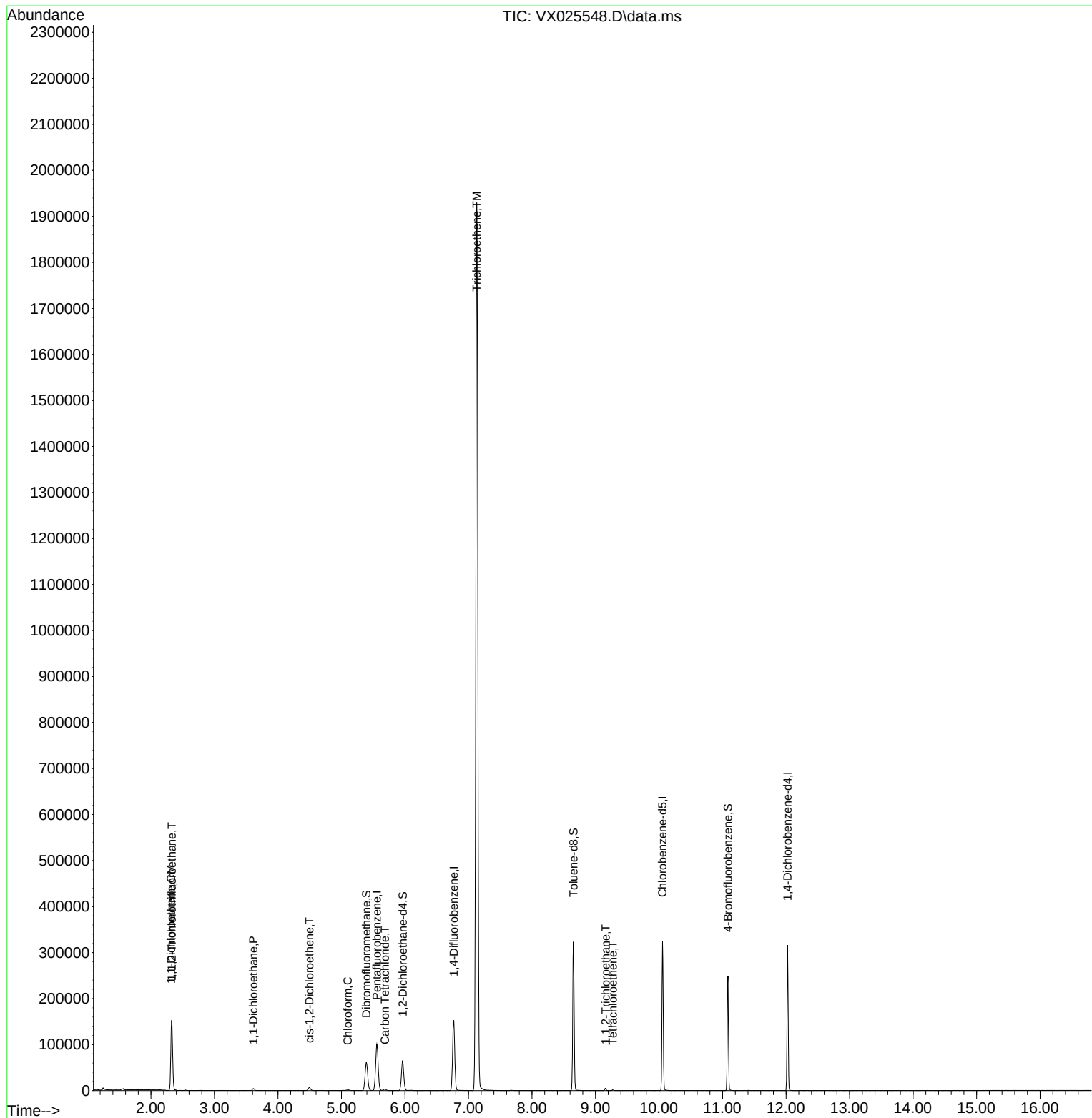
Internal Standards						
1) Pentafluorobenzene	5.556	168	98658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	165869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59561	57.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.540%
35) Dibromofluoromethane	5.391	113	50802	49.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.653	98	191170	49.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.085	95	66103	45.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	42015	45.761	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21502	23.515	ug/l	92
24) 1,1-Dichloroethane	3.611	63	5006	2.907	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	4485	3.834	ug/l	83
30) Chloroform	5.099	83	2146	1.197	ug/l	86
38) Carbon Tetrachloride	5.684	117	2966	1.861	ug/l	94
44) Trichloroethene	7.129	130	771757	606.014	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	1392	1.224	ug/l #	88
64) Tetrachloroethene	9.275	164	586	0.474	ug/l #	86

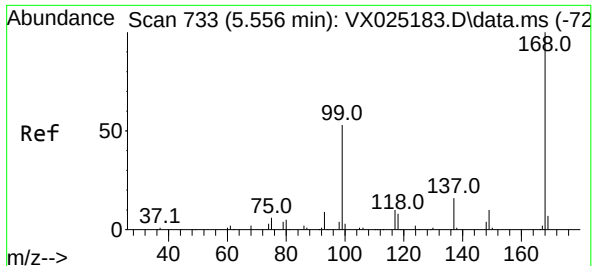
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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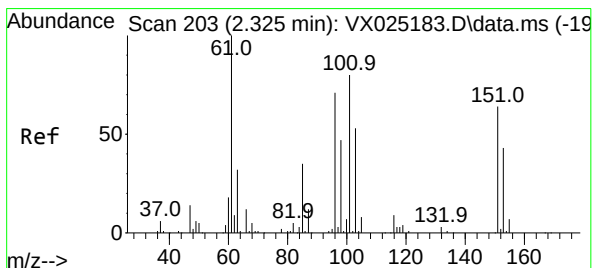
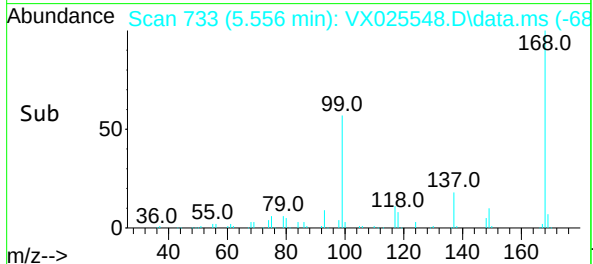
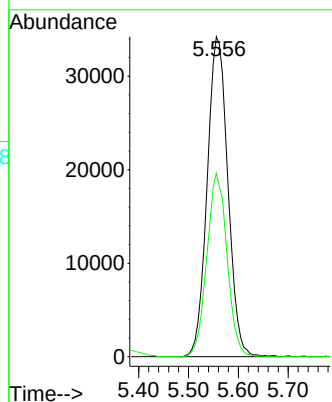
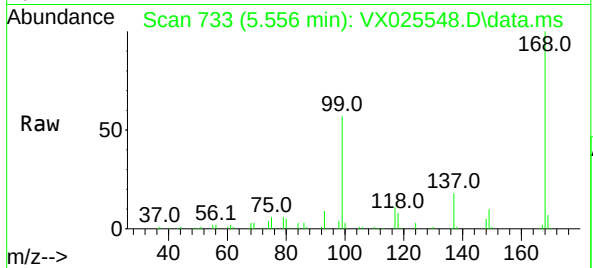




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

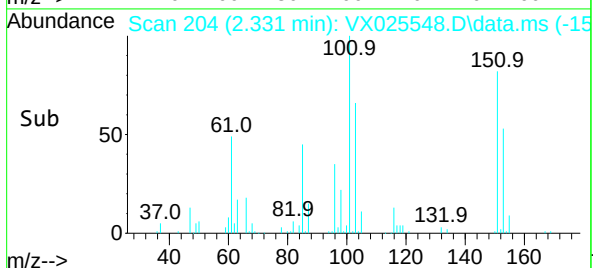
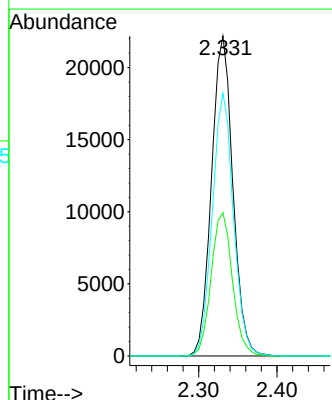
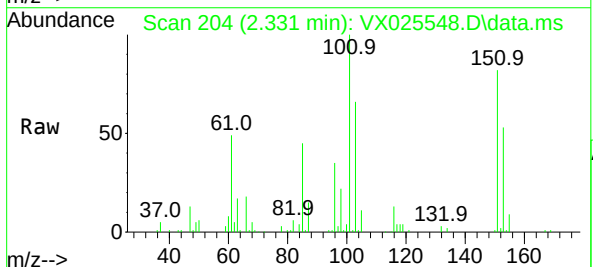
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20211130

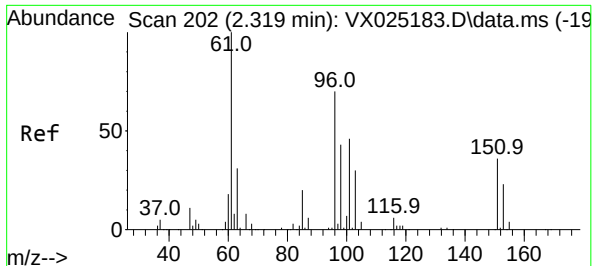
Tgt Ion:168 Resp: 98658
Ion Ratio Lower Upper
168 100
99 57.3 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.761 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

Tgt Ion:101 Resp: 42015
Ion Ratio Lower Upper
101 100
85 44.7 35.9 53.9
151 81.5 64.4 96.6





#12

1,1-Dichloroethene

Concen: 23.515 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025548.D

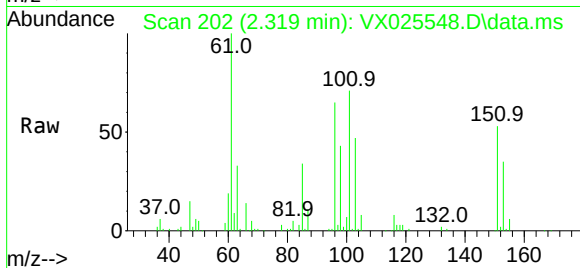
Acq: 06 Dec 2021 14:55

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20211130



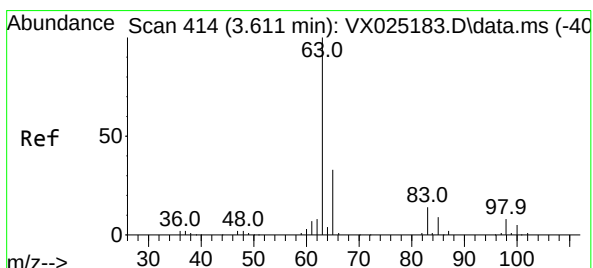
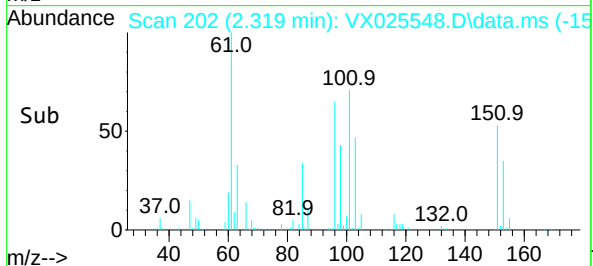
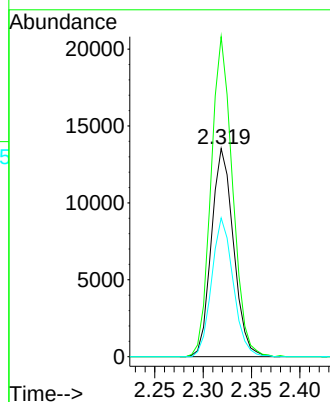
Tgt Ion: 96 Resp: 21502

Ion Ratio Lower Upper

96 100

61 153.8 134.1 201.1

98 66.7 51.5 77.3



#24

1,1-Dichloroethane

Concen: 2.907 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX025548.D

Acq: 06 Dec 2021 14:55

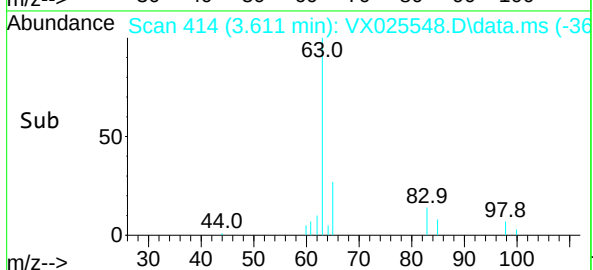
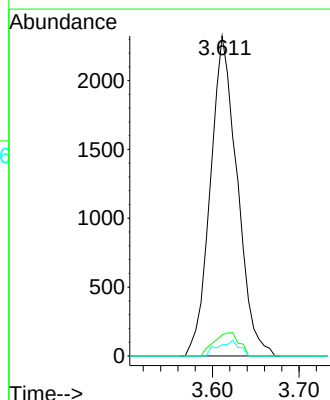
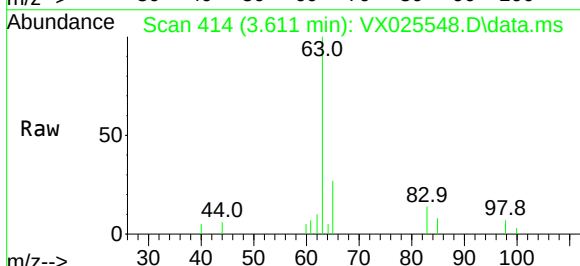
Tgt Ion: 63 Resp: 5006

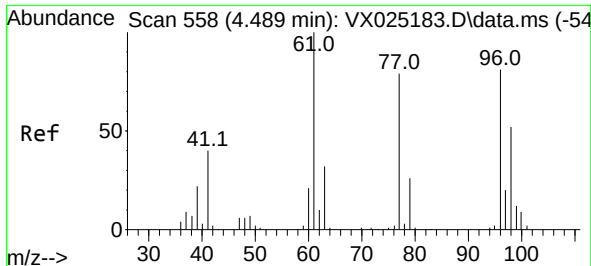
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.5 2.1 6.2

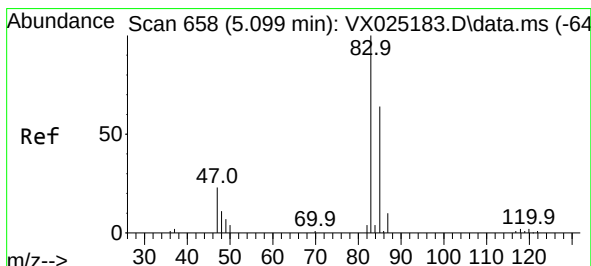
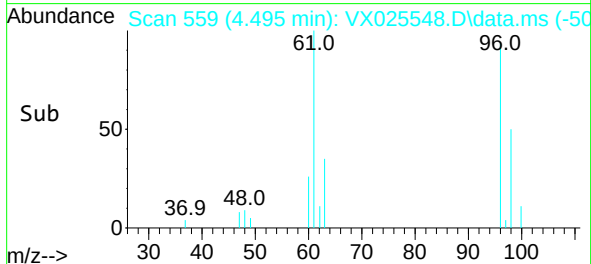
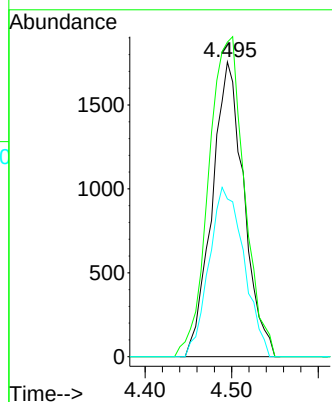
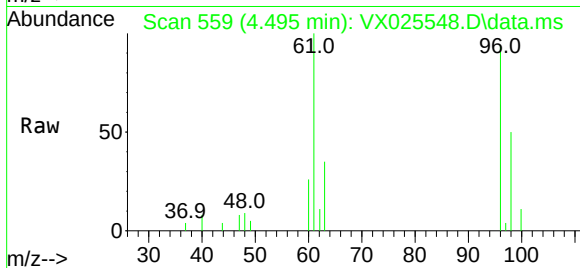




#27
 cis-1,2-Dichloroethene
 Concen: 3.834 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX025548.D
 Acq: 06 Dec 2021 14:55

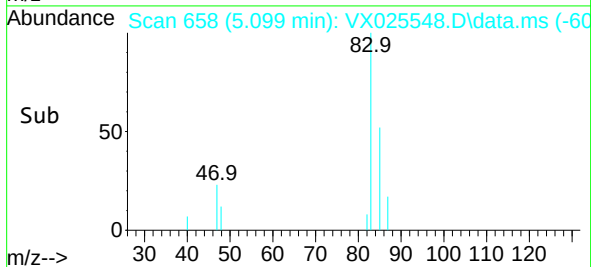
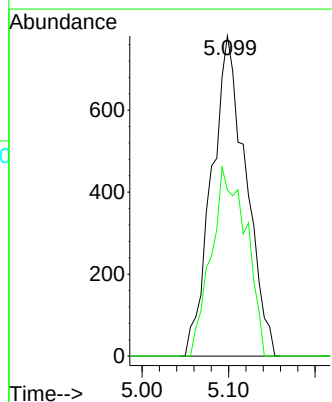
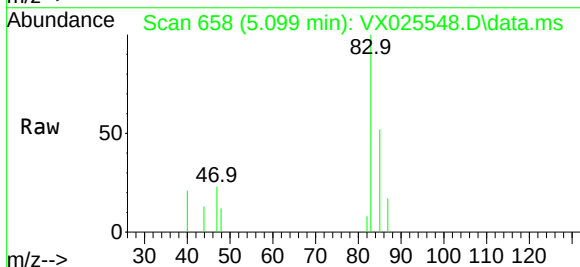
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20211130

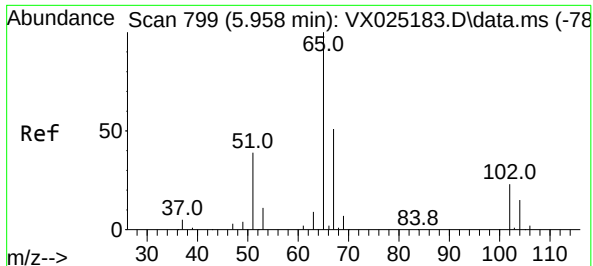
Tgt Ion: 96	Resp:	4485
Ion	Ratio	Lower Upper
96	100	
61	121.6	0.0 302.2
98	62.8	0.0 131.4



#30
 Chloroform
 Concen: 1.197 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX025548.D
 Acq: 06 Dec 2021 14:55

Tgt Ion: 83	Resp:	2146
Ion	Ratio	Lower Upper
83	100	
85	51.9	50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 57.274 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025548.D

Acq: 06 Dec 2021 14:55

Instrument :

MSVOA_X

ClientSampleId :

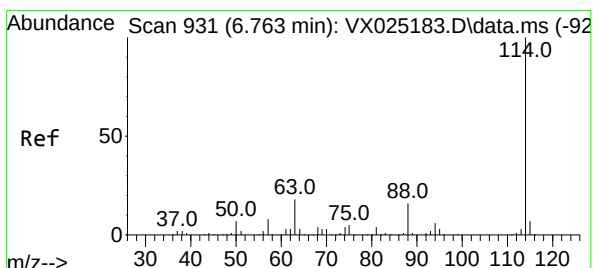
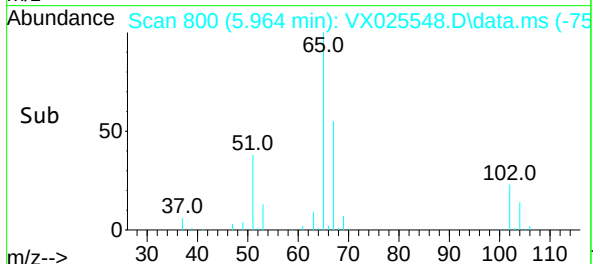
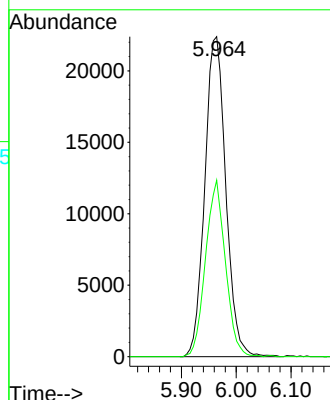
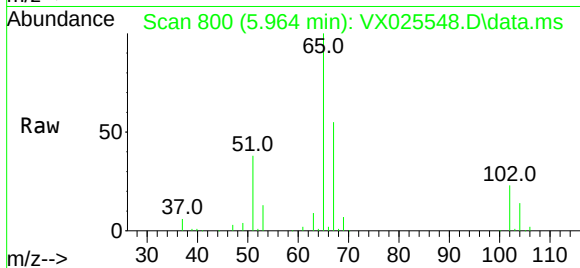
RE115D2-20211130

Tgt Ion: 65 Resp: 59561

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025548.D

Acq: 06 Dec 2021 14:55

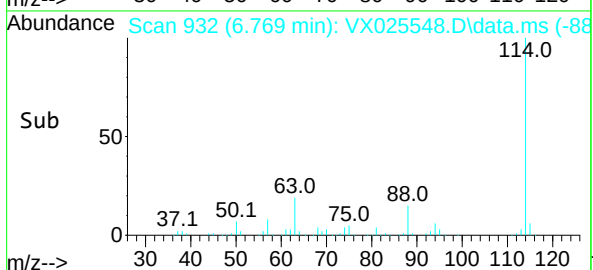
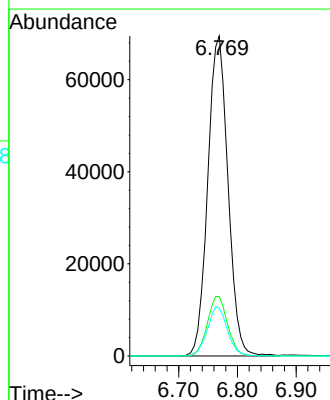
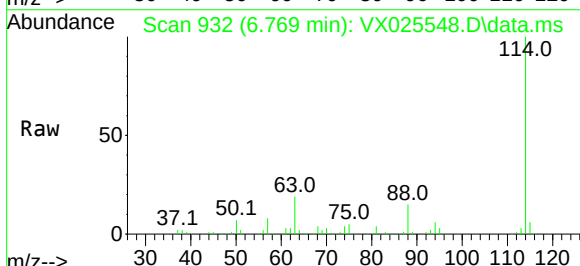
Tgt Ion: 114 Resp: 165869

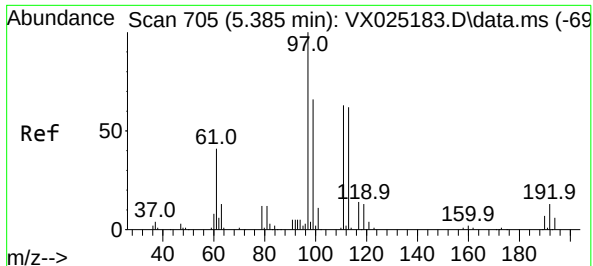
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.918 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025548.D

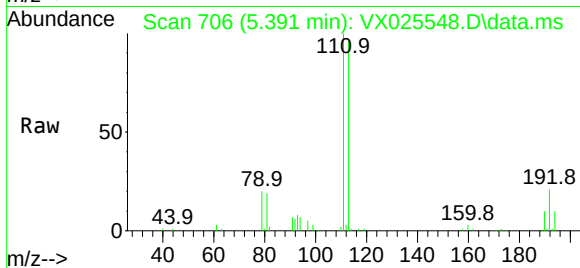
Acq: 06 Dec 2021 14:55

Instrument :

MSVOA_X

ClientSampleId :

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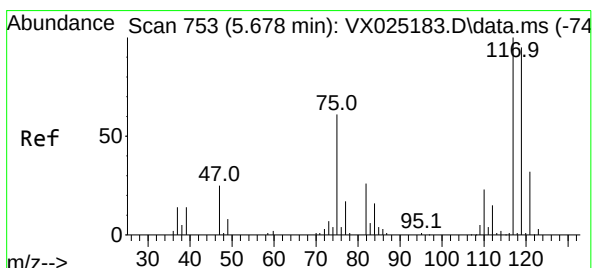
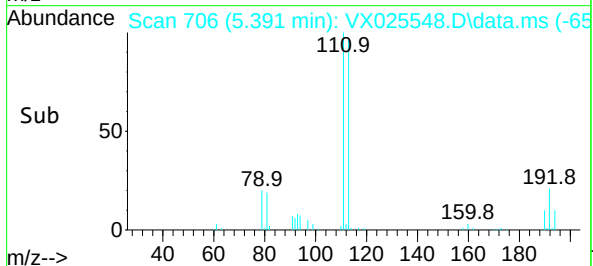
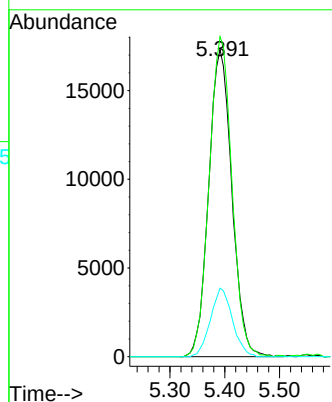
Tgt Ion:113 Resp: 50802

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 21.1 15.6 23.4



#38

Carbon Tetrachloride

Concen: 1.861 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX025548.D

Acq: 06 Dec 2021 14:55

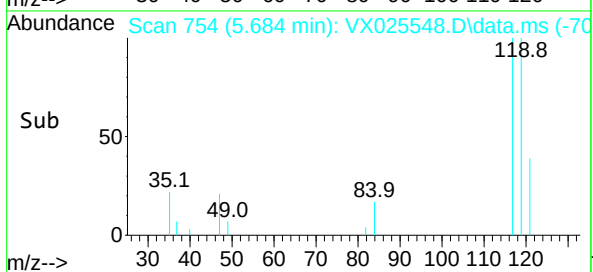
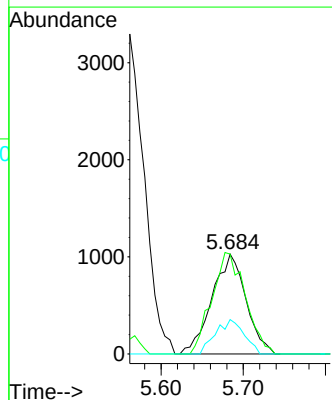
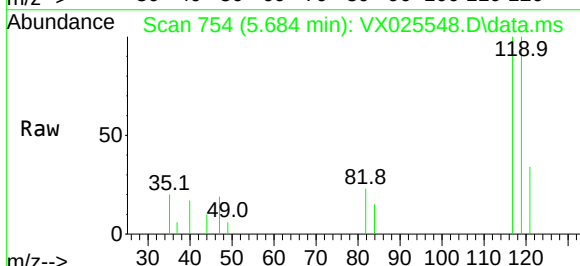
Tgt Ion:117 Resp: 2966

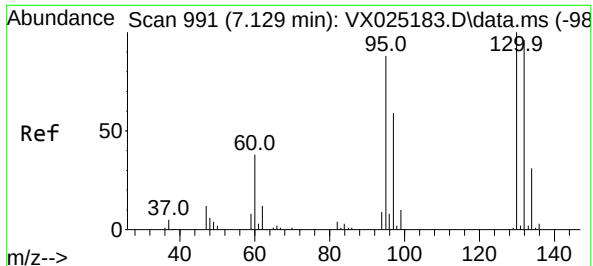
Ion Ratio Lower Upper

117 100

119 100.0 75.6 113.4

121 34.4 23.7 35.5

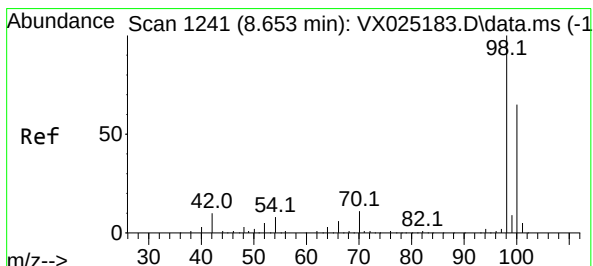
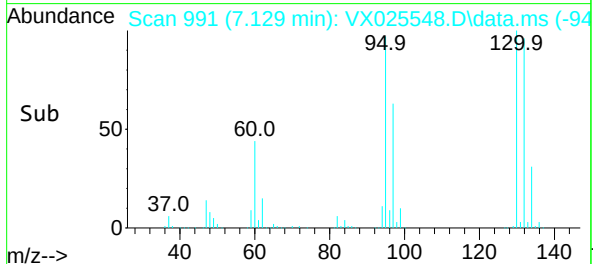
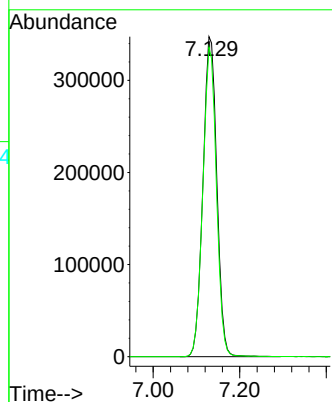
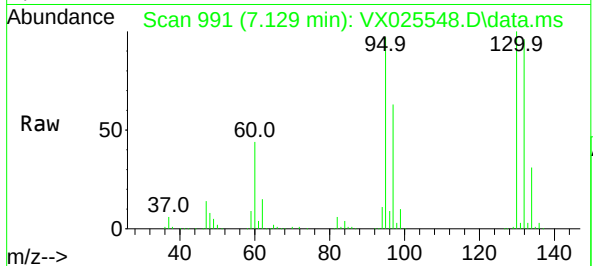




#44
Trichloroethene
Concen: 606.014 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

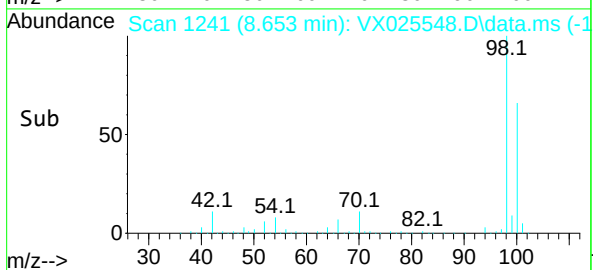
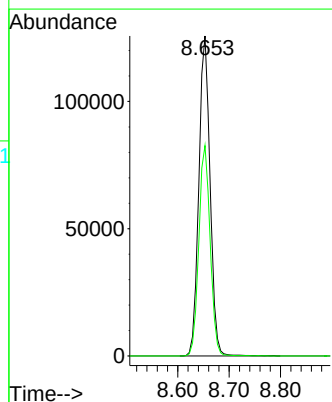
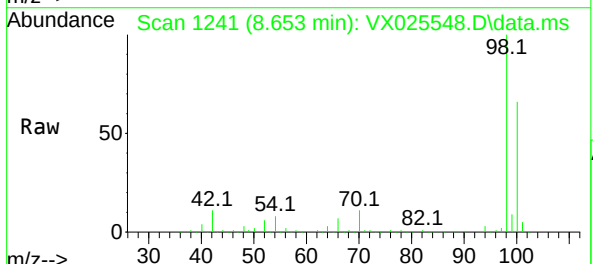
Instrument :
MSVOA_X
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RE115D2-20211130

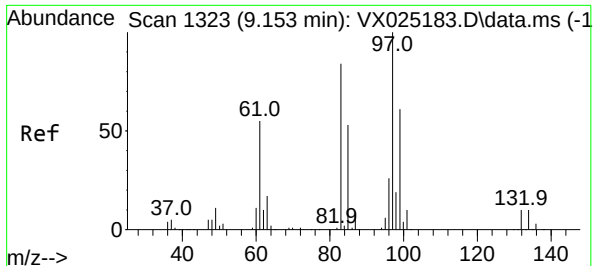
Tgt Ion:130 Resp: 771757
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.8



#50
Toluene-d8
Concen: 49.960 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

Tgt Ion: 98 Resp: 191170
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0



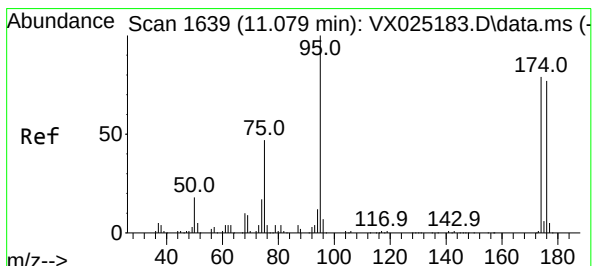
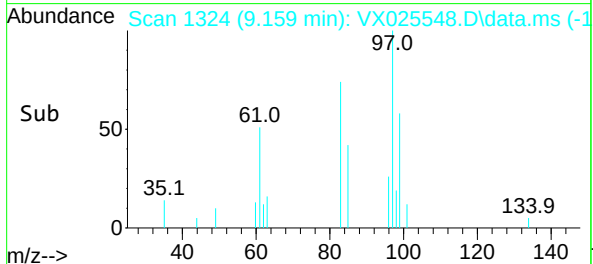
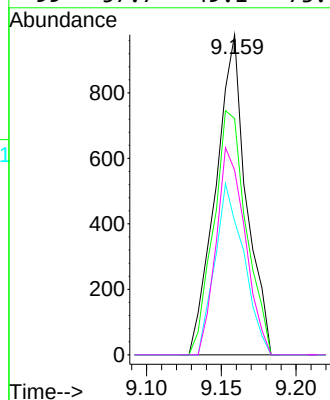
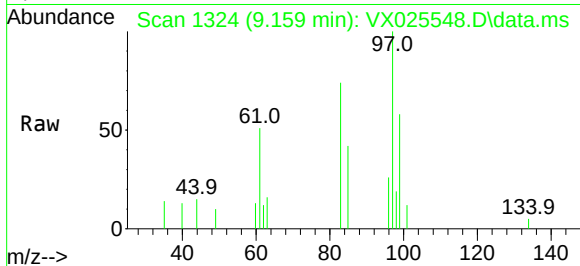


#55
1,1,2-Trichloroethane
Concen: 1.224 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20211130

Tgt Ion: 97 Resp: 1392

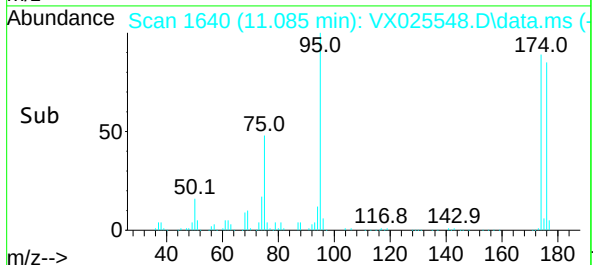
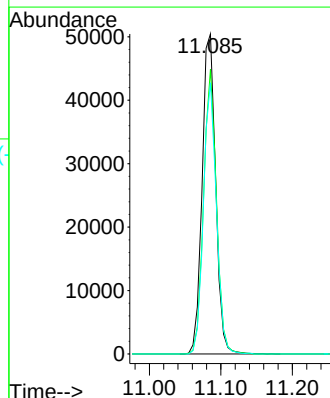
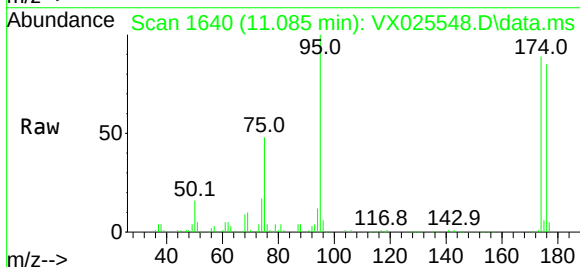
Ion	Ratio	Lower	Upper
97	100		
83	73.8	69.2	103.8
85	41.7	43.3	64.9#
99	57.7	49.1	73.7

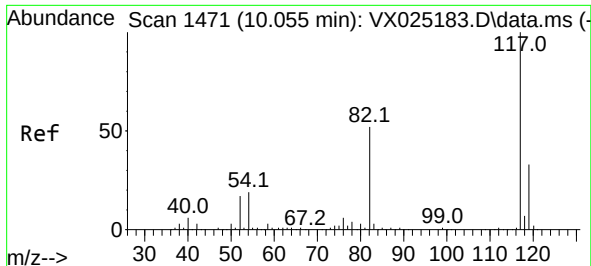


#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

Tgt Ion: 95 Resp: 66103

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	158.0
176	81.4	0.0	153.6

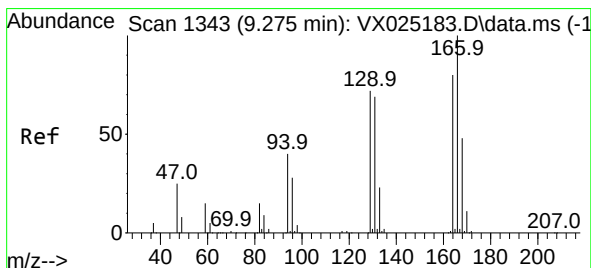
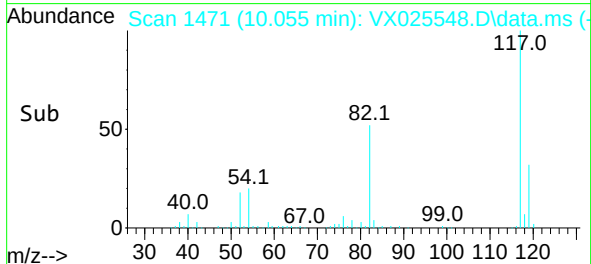
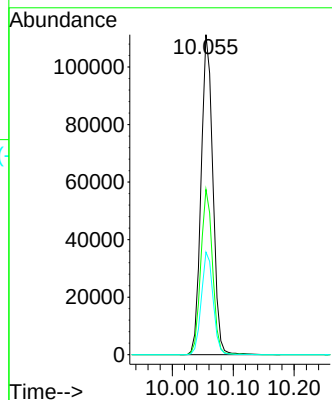
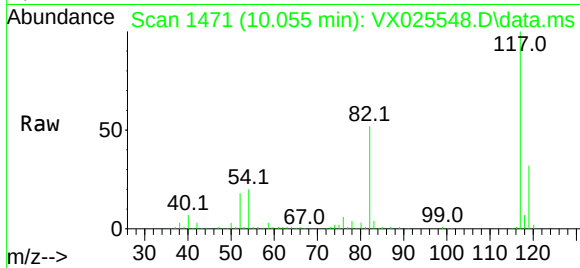




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

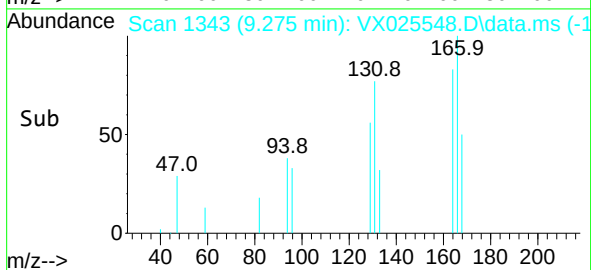
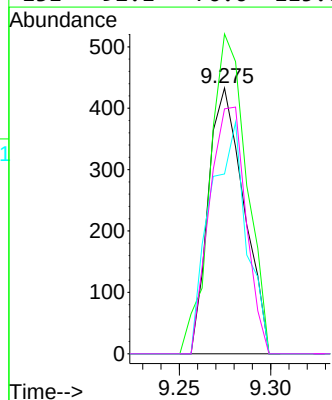
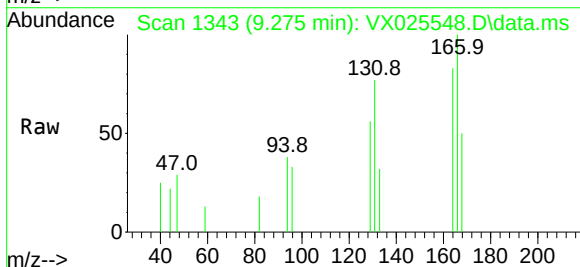
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20211130

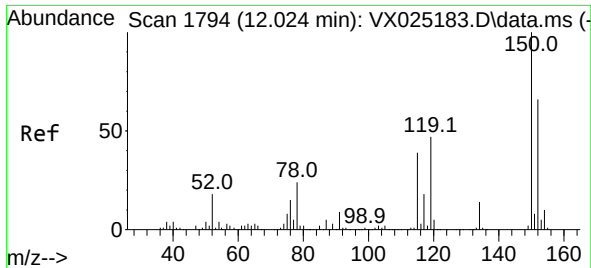
Tgt Ion:117 Resp: 149854
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.0 24.8 37.2



#64
Tetrachloroethene
Concen: 0.474 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025548.D
Acq: 06 Dec 2021 14:55

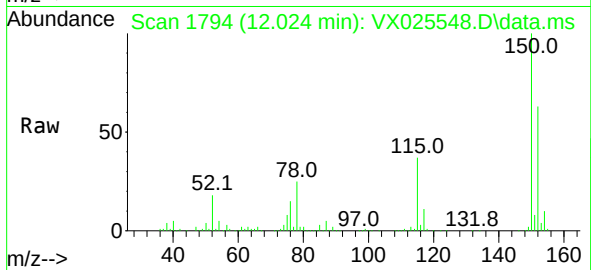
Tgt Ion:164 Resp: 586
Ion Ratio Lower Upper
164 100
166 120.3 103.2 154.8
129 67.7 81.0 121.4#
131 92.1 76.6 115.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025548.D
 Acq: 06 Dec 2021 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20211130



Tgt Ion:152 Resp: 65365
 Ion Ratio Lower Upper
 152 100
 115 57.7 43.3 129.8
 150 155.5 0.0 351.2

