

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034472.D
 Acq On : 14 Mar 2023 18:04
 Operator : JC/MD
 Sample : 01880-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20230310

Quant Time: Mar 15 06:51:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

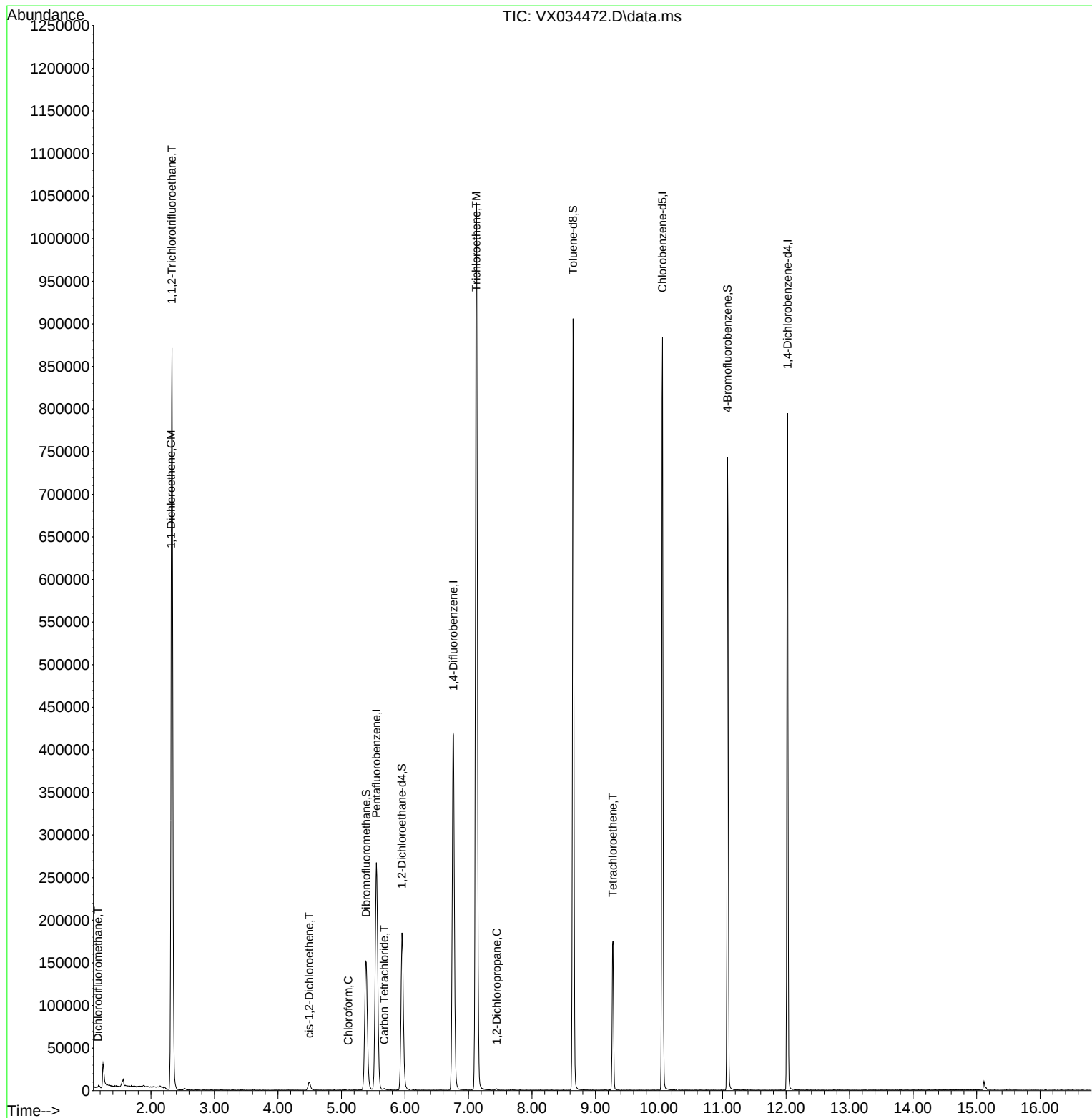
Internal Standards						
1) Pentafluorobenzene	5.550	168	255182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165696	44.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.260%		
35) Dibromofluoromethane	5.385	113	134302	46.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.647	98	524419	49.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	193831	44.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	757	0.318	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	338988	119.507	ug/l	98
12) 1,1-Dichloroethene	2.319	96	3271	1.171	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	5904	1.653	ug/l	87
30) Chloroform	5.105	83	1533	0.269	ug/l	92
38) Carbon Tetrachloride	5.672	117	1188	0.272	ug/l	91
44) Trichloroethene	7.123	130	400200	119.930	ug/l	99
45) 1,2-Dichloropropane	7.446	63	799	0.238	ug/l #	69
64) Tetrachloroethene	9.275	164	32679	12.728	ug/l	95

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

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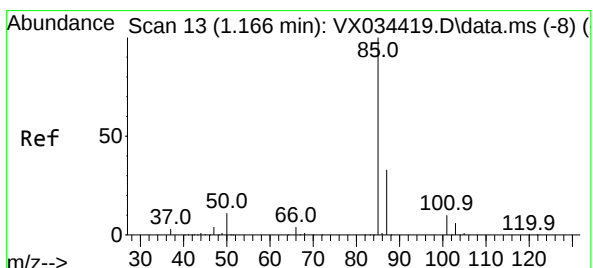
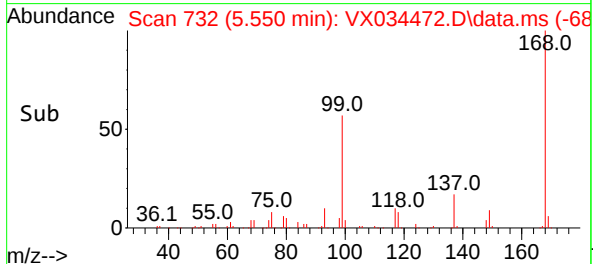
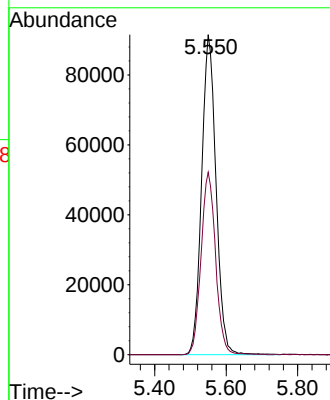
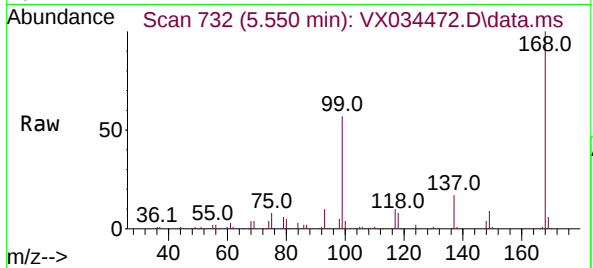




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

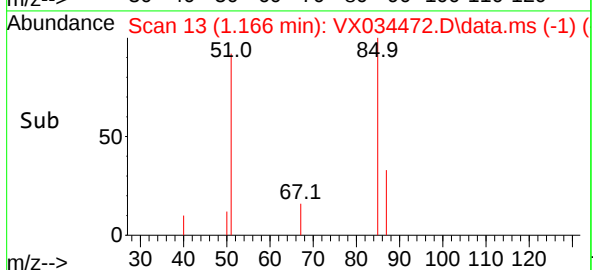
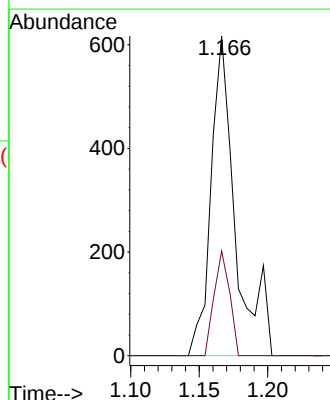
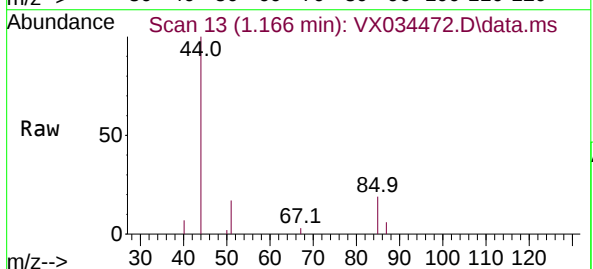
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230310

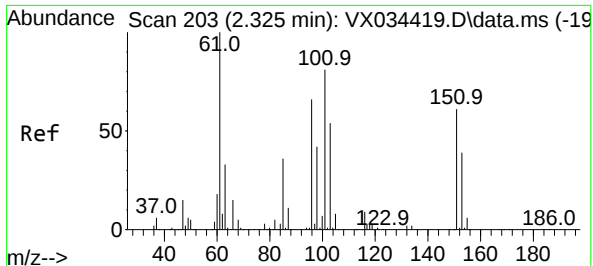
Tgt Ion:168 Resp: 255182
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.318 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

Tgt Ion: 85 Resp: 757
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1

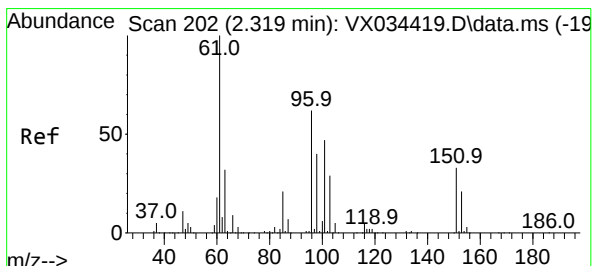
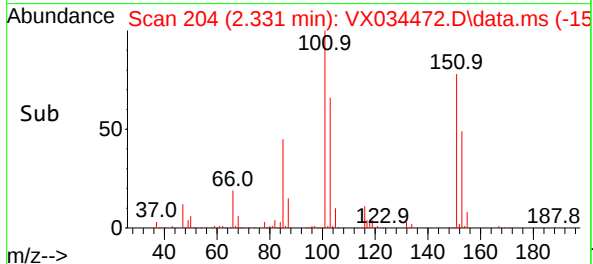
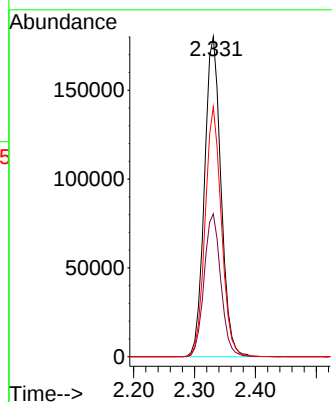
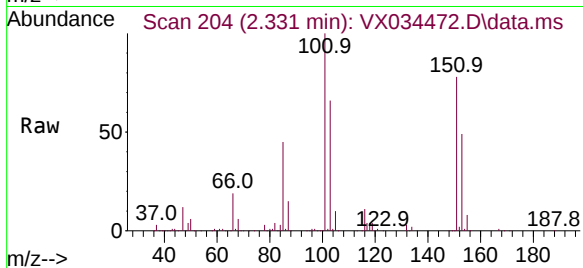




#9
1,1,2-Trichlorotrifluoroethane
Concen: 119.507 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

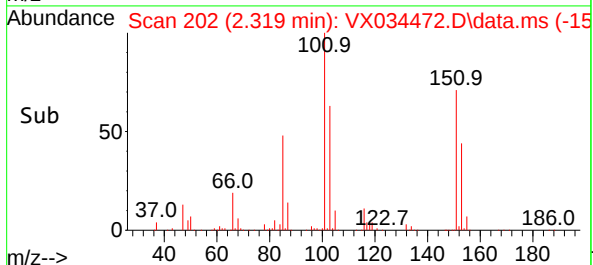
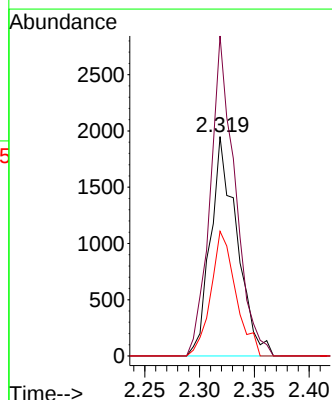
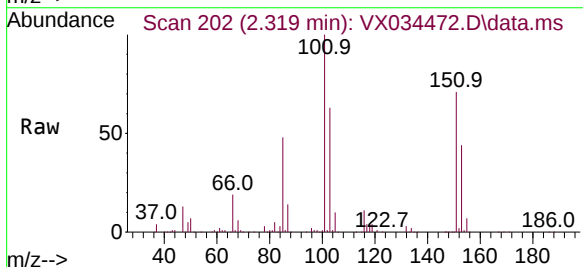
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230310

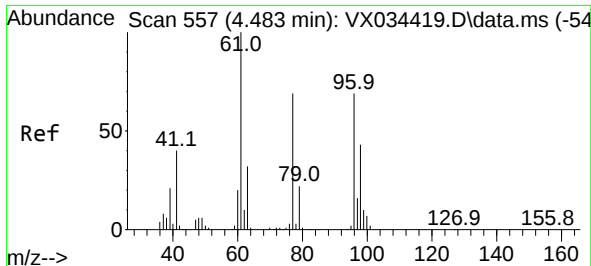
Tgt Ion:101 Resp: 338988
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.2
151 76.8 60.2 90.4



#12
1,1-Dichloroethene
Concen: 1.171 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

Tgt Ion: 96 Resp: 3271
Ion Ratio Lower Upper
96 100
61 145.8 128.8 193.2
98 56.8 51.4 77.0





#27

cis-1,2-Dichloroethene

Concen: 1.653 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230310

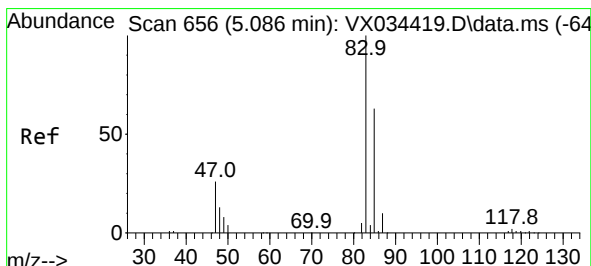
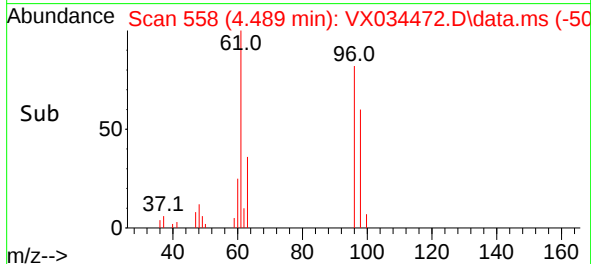
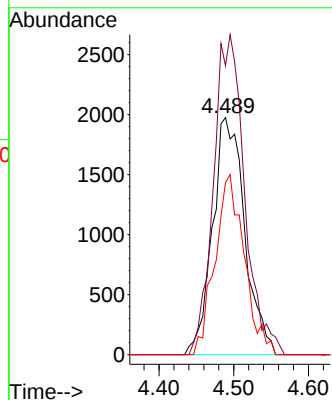
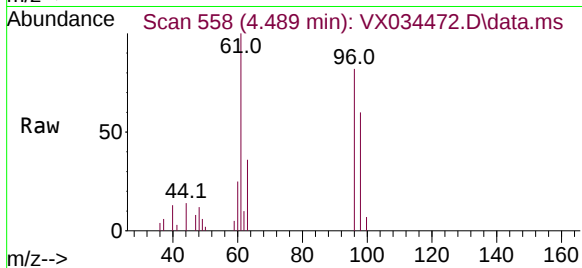
Tgt Ion: 96 Resp: 5904

Ion Ratio Lower Upper

96 100

61 130.4 0.0 300.4

98 69.3 0.0 129.0



#30

Chloroform

Concen: 0.269 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.018 min

Lab File: VX034472.D

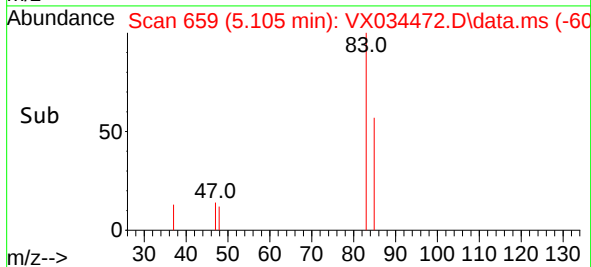
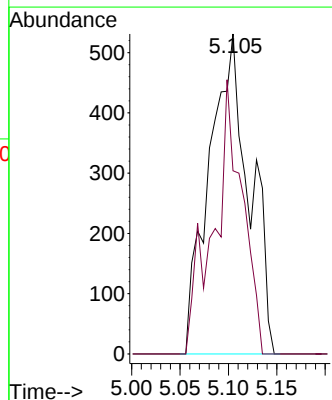
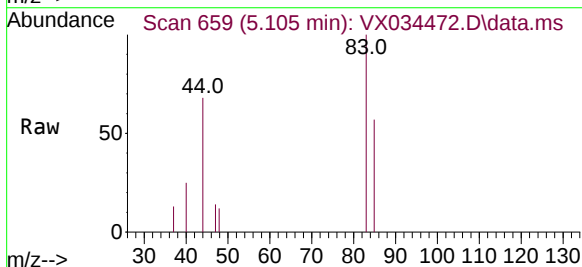
Acq: 14 Mar 2023 18:04

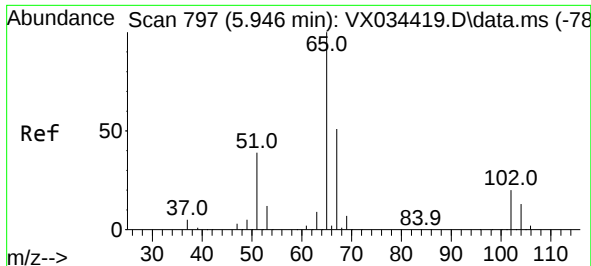
Tgt Ion: 83 Resp: 1533

Ion Ratio Lower Upper

83 100

85 57.3 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 44.633 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

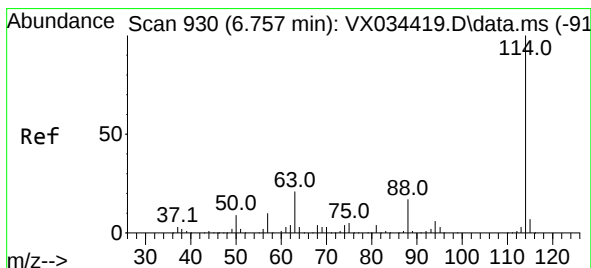
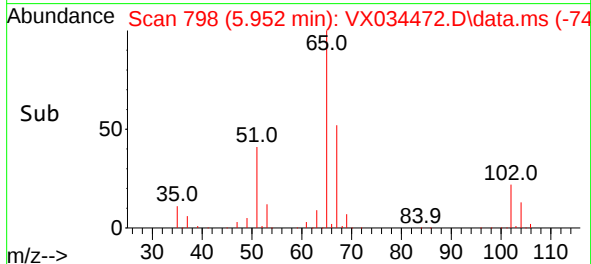
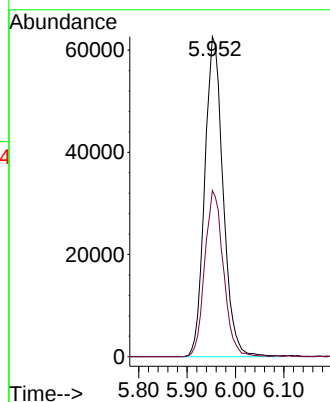
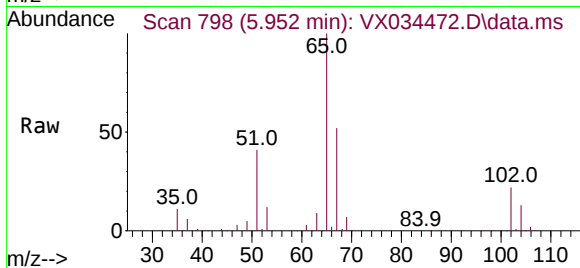
RE125D3-20230310

Tgt Ion: 65 Resp: 165696

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

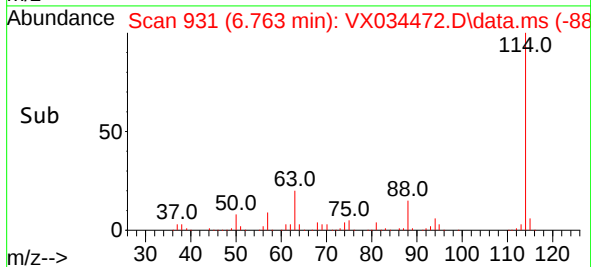
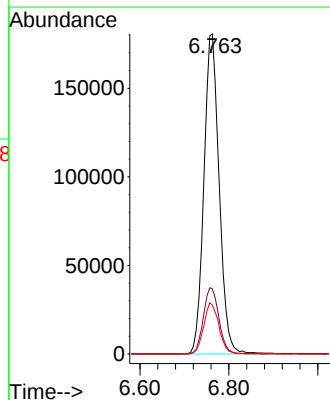
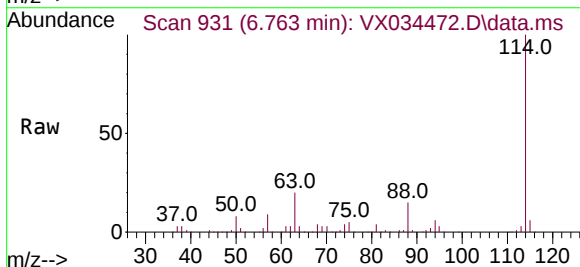
Tgt Ion: 114 Resp: 432918

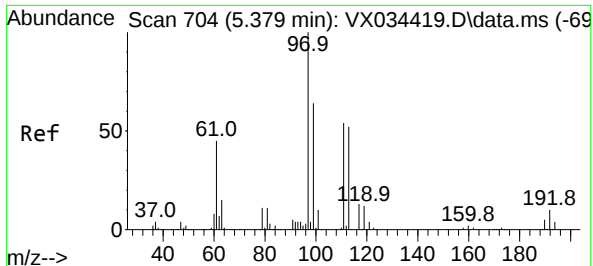
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.986 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034472.D

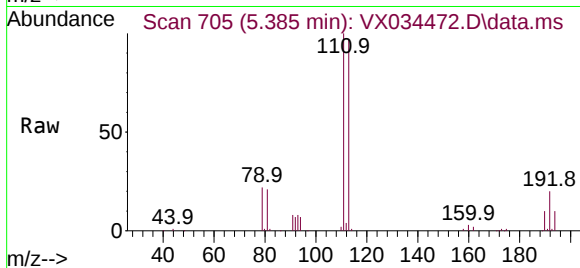
Acq: 14 Mar 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230310



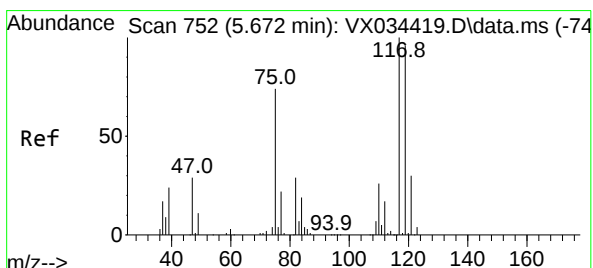
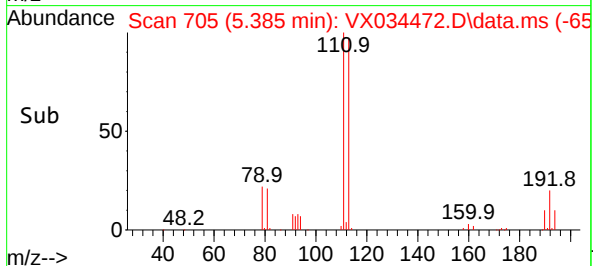
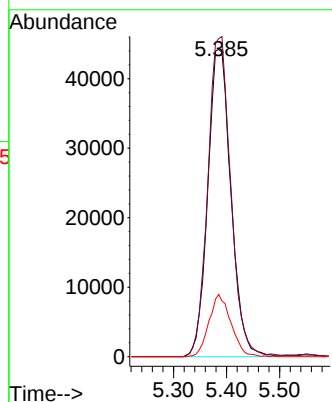
Tgt Ion:113 Resp: 134302

Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 19.3 15.4 23.2



#38

Carbon Tetrachloride

Concen: 0.272 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

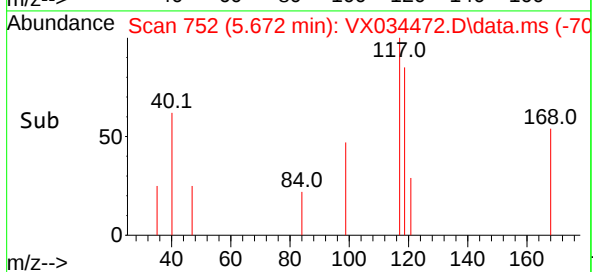
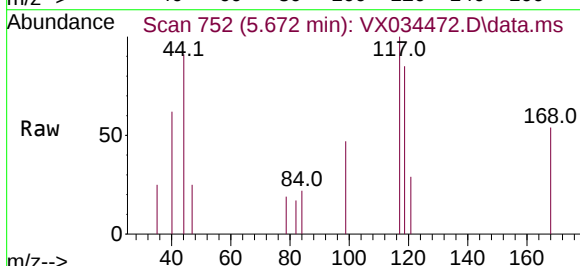
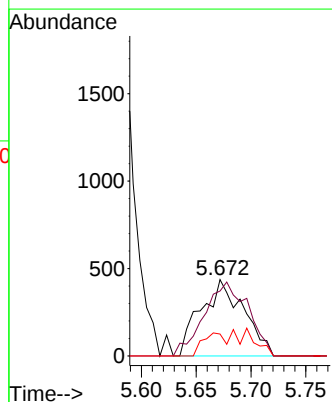
Tgt Ion:117 Resp: 1188

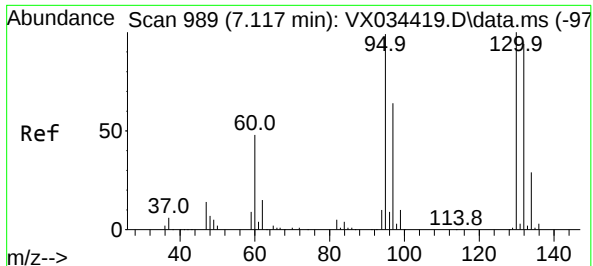
Ion Ratio Lower Upper

117 100

119 85.1 76.6 114.8

121 28.7 23.8 35.6

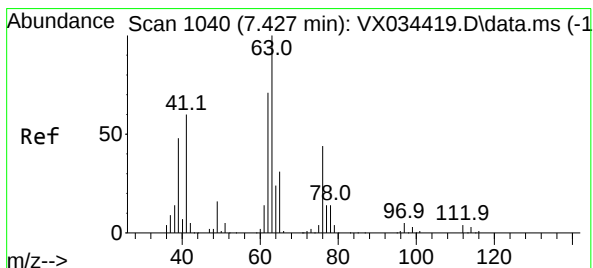
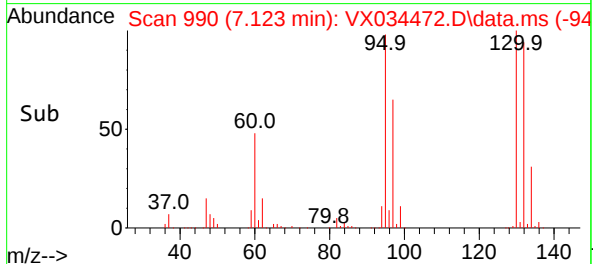
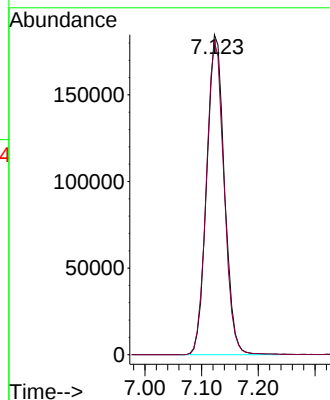
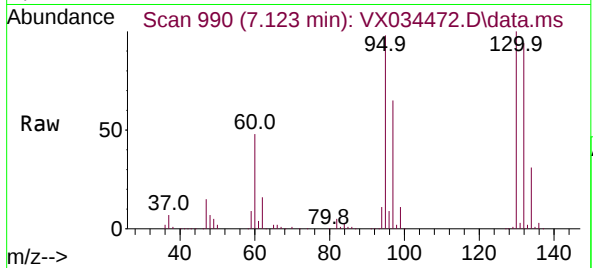




#44
Trichloroethene
Concen: 119.930 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

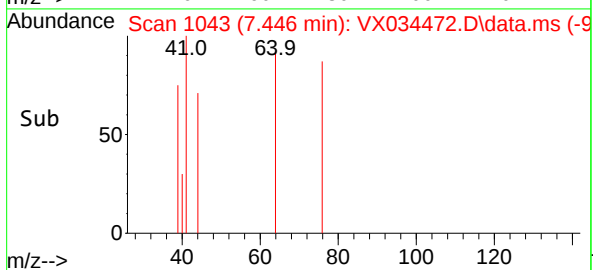
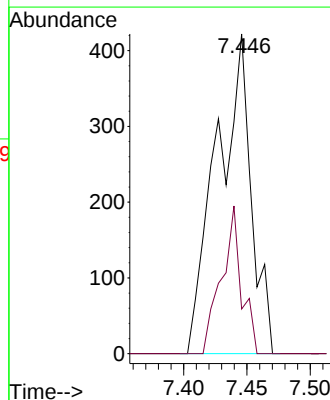
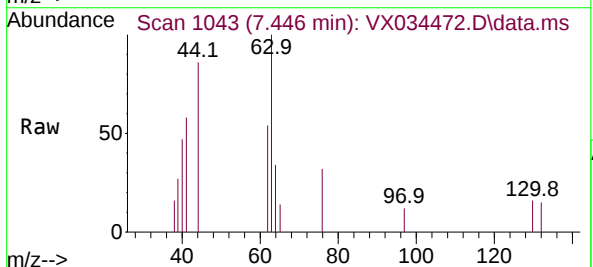
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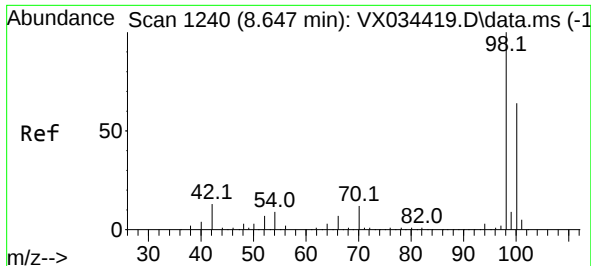
Tgt Ion:130 Resp: 400200
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.4



#45
1,2-Dichloropropane
Concen: 0.238 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

Tgt Ion: 63 Resp: 799
Ion Ratio Lower Upper
63 100
65 14.0 24.6 37.0#

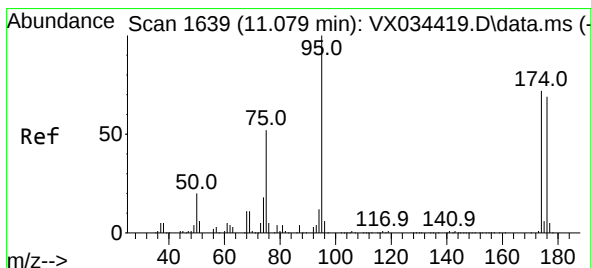
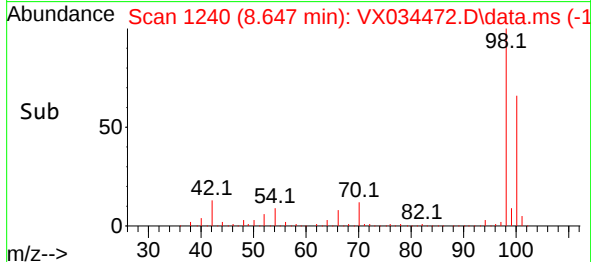
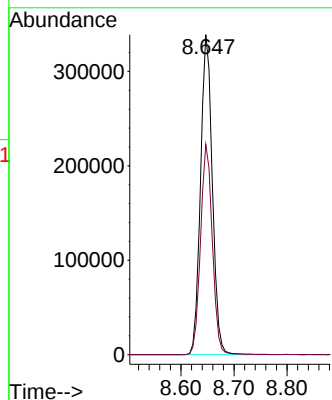
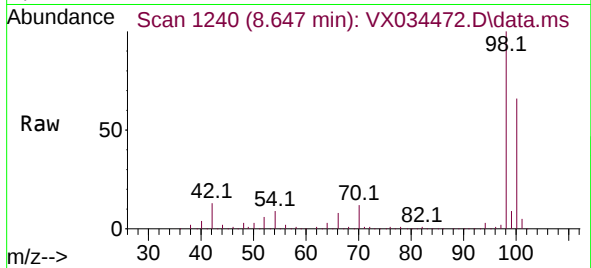




#50
Toluene-d8
Concen: 49.147 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

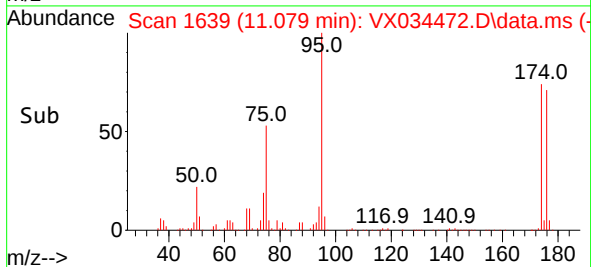
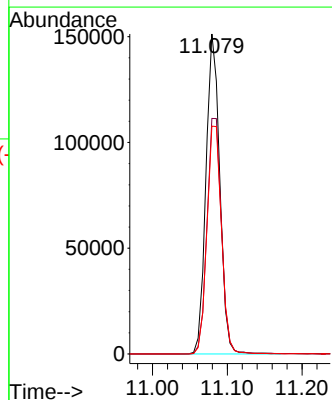
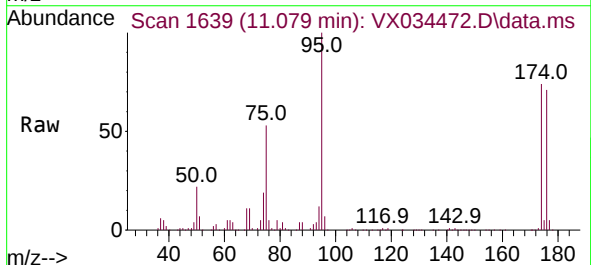
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230310

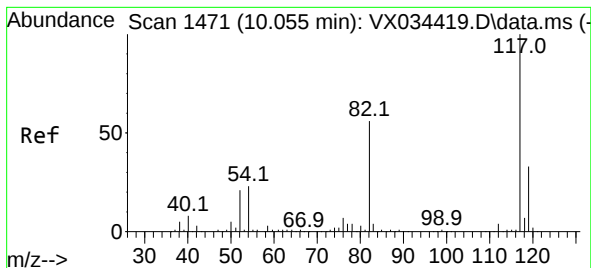
Tgt Ion: 98 Resp: 524419
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034472.D
Acq: 14 Mar 2023 18:04

Tgt Ion: 95 Resp: 193831
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.4
176 75.2 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230310

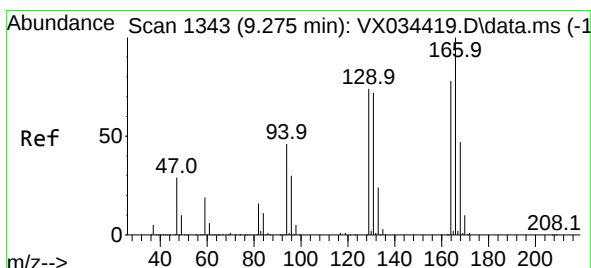
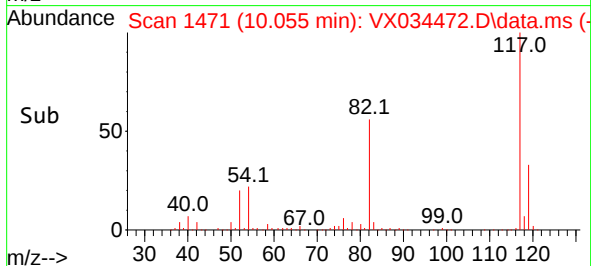
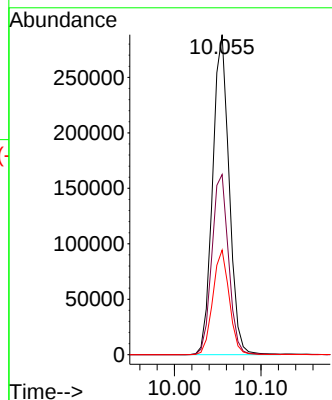
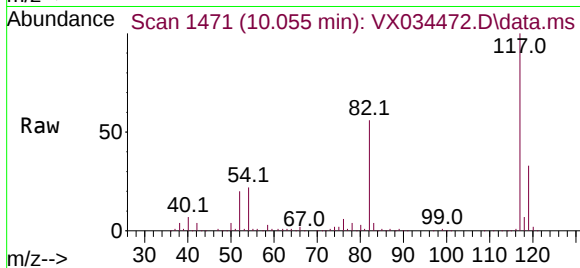
Tgt Ion:117 Resp: 382230

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

119 32.7 26.0 39.0



#64

Tetrachloroethene

Concen: 12.728 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034472.D

Acq: 14 Mar 2023 18:04

Tgt Ion:164 Resp: 32679

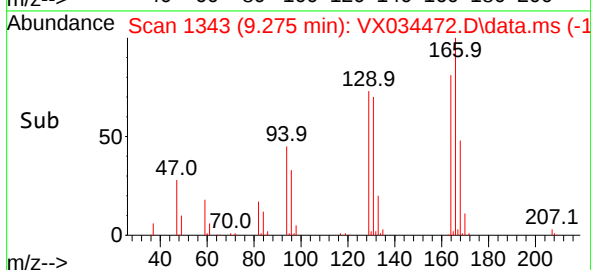
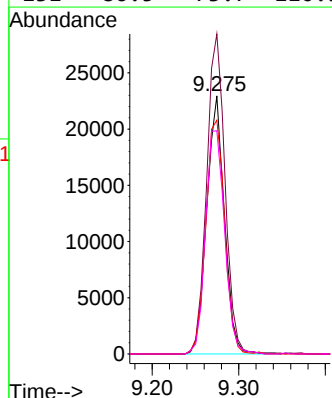
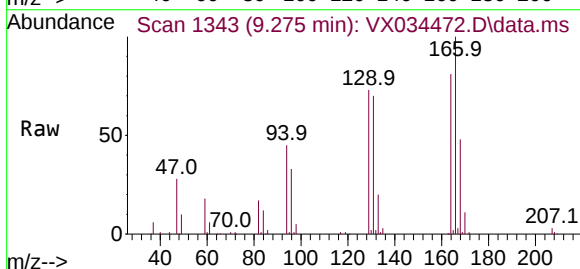
Ion Ratio Lower Upper

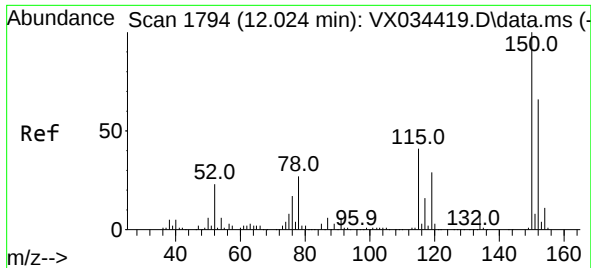
164 100

166 124.0 102.7 154.1

129 90.6 75.6 113.4

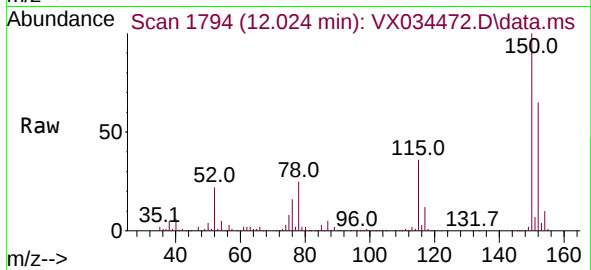
131 86.5 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034472.D
 Acq: 14 Mar 2023 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20230310



Tgt Ion:152 Resp: 166759
 Ion Ratio Lower Upper
 152 100
 115 59.6 45.0 135.0
 150 155.7 0.0 352.4

