

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038737.D
 Acq On : 10 Nov 2023 18:29
 Operator : JC/MD
 Sample : 05358-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20231108

Quant Time: Nov 11 01:58:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

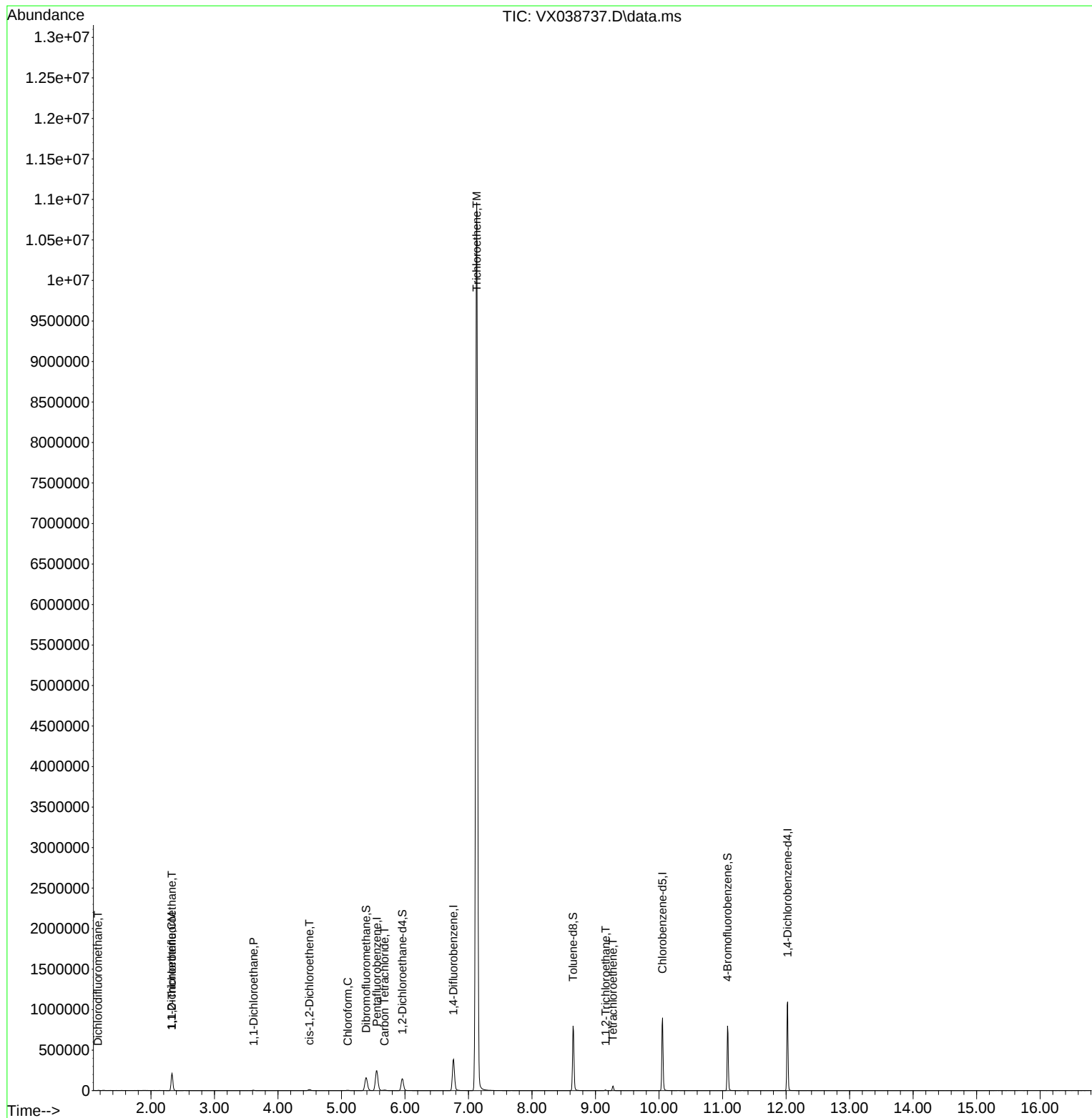
Internal Standards						
1) Pentafluorobenzene	5.556	168	257495	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	433091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149722	46.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	143361	45.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	512617	45.926	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.079	95	216747	50.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	833	0.312	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	68618	27.358	ug/l	89
12) 1,1-Dichloroethene	2.325	96	18149	7.552	ug/l	81
24) 1,1-Dichloroethane	3.617	63	6336	1.476	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	9586	3.173	ug/l	77
30) Chloroform	5.099	83	5924	1.176	ug/l	94
38) Carbon Tetrachloride	5.678	117	6147	1.419	ug/l	# 81
44) Trichloroethene	7.129	130	4541536	1307.890	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	2649	0.854	ug/l	92
64) Tetrachloroethene	9.275	164	11129	3.305	ug/l	96

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

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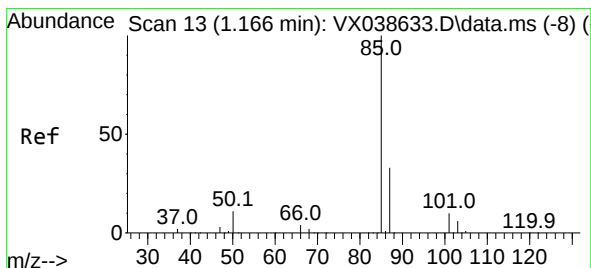
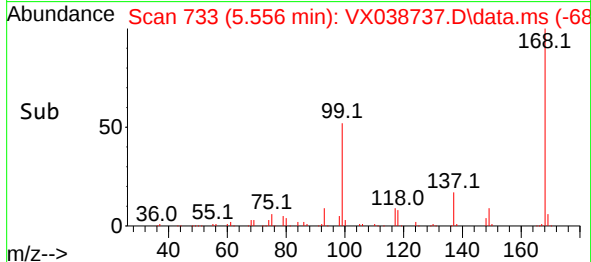
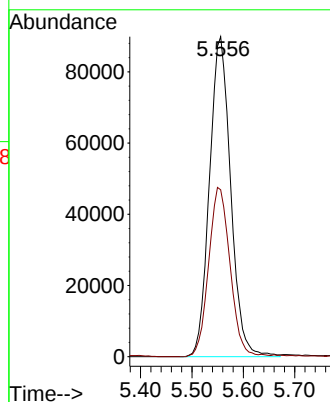
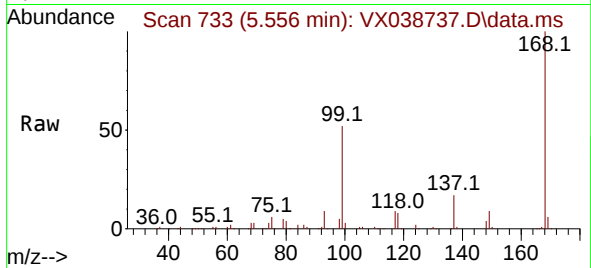




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

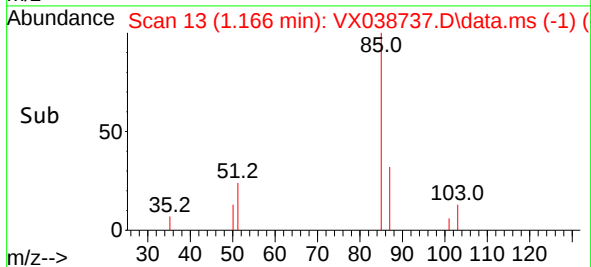
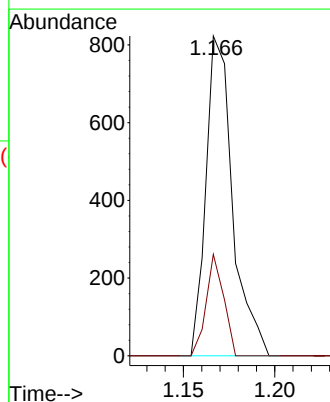
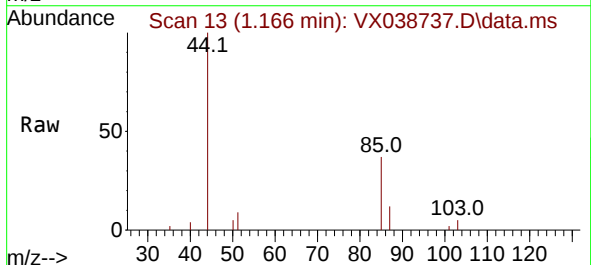
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108

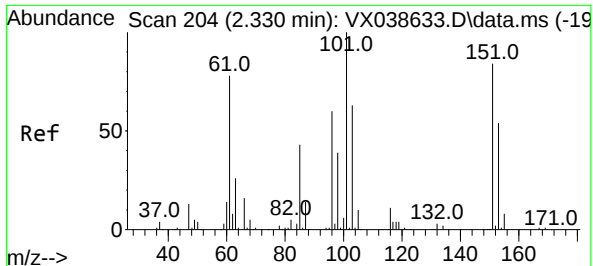
Tgt Ion:168 Resp: 257495
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

Tgt Ion: 85 Resp: 833
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1

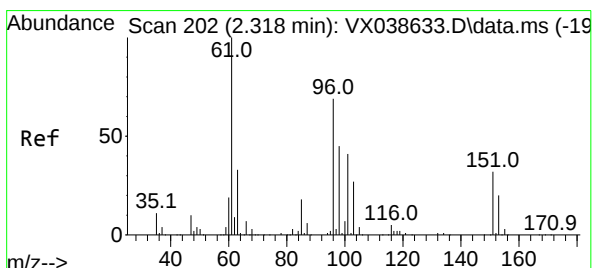
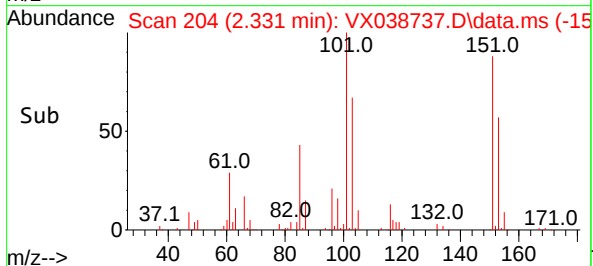
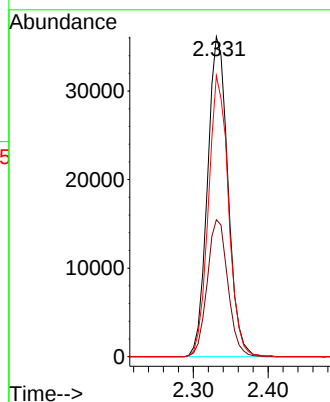
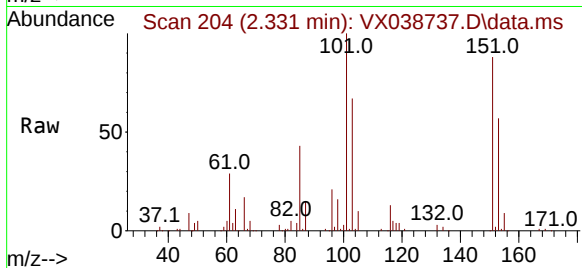




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 27.358 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038737.D
 Acq: 10 Nov 2023 18:29

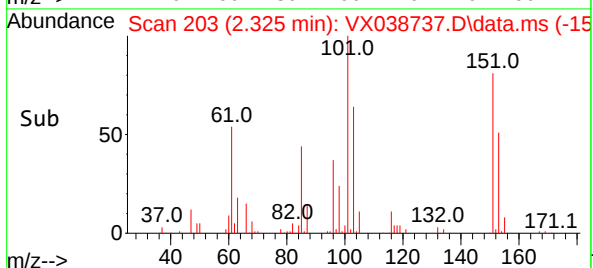
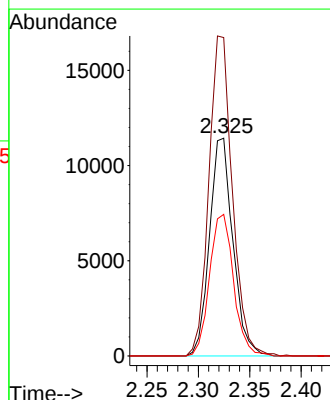
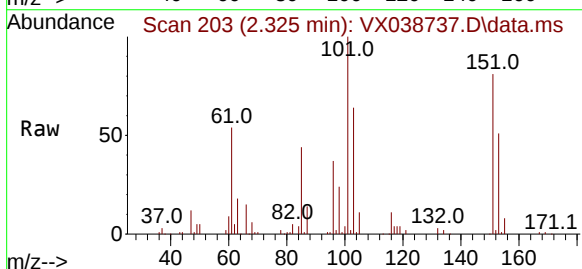
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20231108

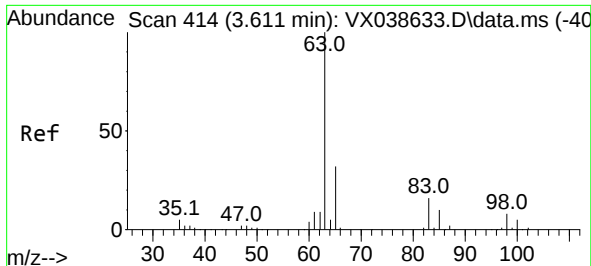
Tgt Ion:101 Resp: 68618
 Ion Ratio Lower Upper
 101 100
 85 43.2 37.0 55.6
 151 86.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 7.552 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX038737.D
 Acq: 10 Nov 2023 18:29

Tgt Ion: 96 Resp: 18149
 Ion Ratio Lower Upper
 96 100
 61 146.2 144.6 216.8
 98 65.0 50.4 75.6





#24

1,1-Dichloroethane

Concen: 1.476 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20231108

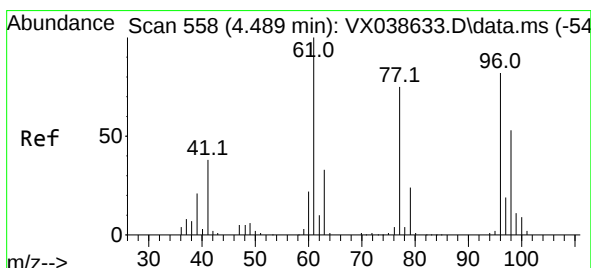
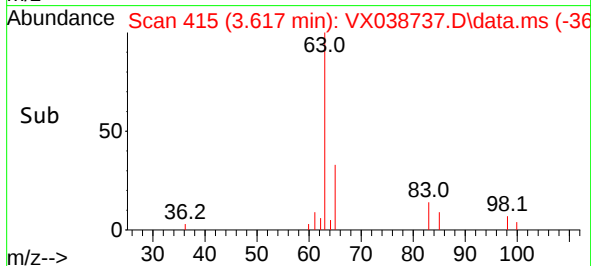
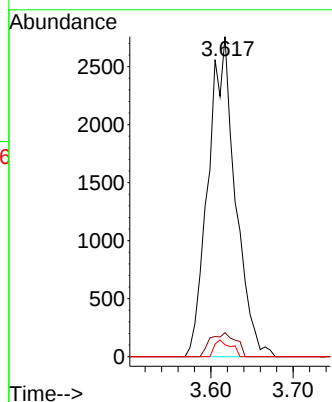
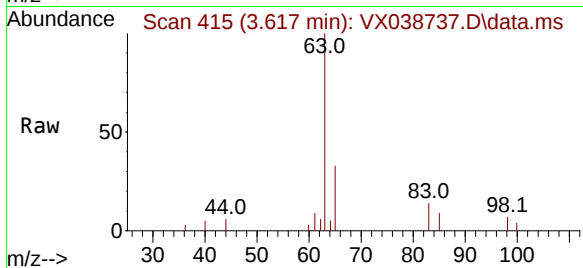
Tgt Ion: 63 Resp: 6336

Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

100 3.7 2.1 6.5



#27

cis-1,2-Dichloroethene

Concen: 3.173 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

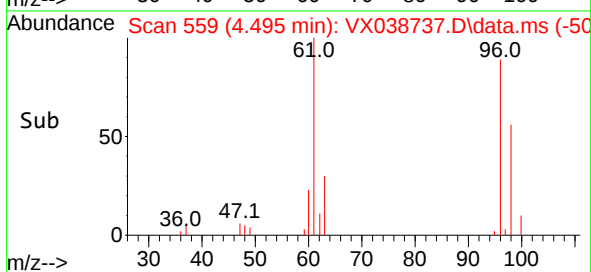
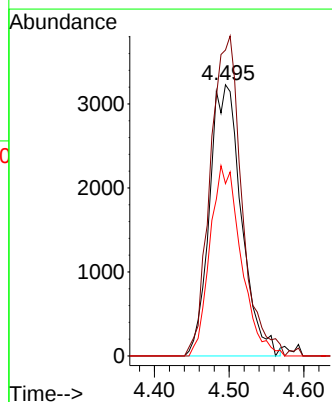
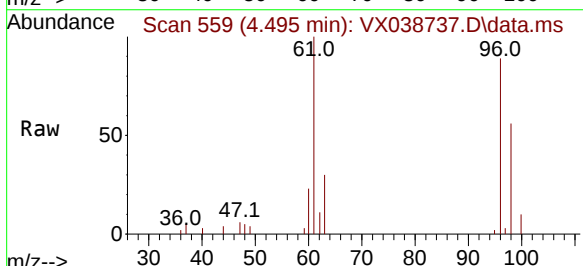
Tgt Ion: 96 Resp: 9586

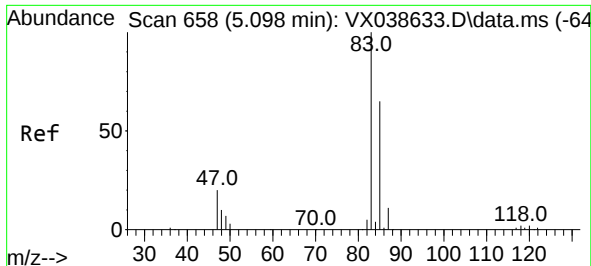
Ion Ratio Lower Upper

96 100

61 116.3 0.0 312.2

98 68.5 0.0 129.0





#30

Chloroform

Concen: 1.176 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

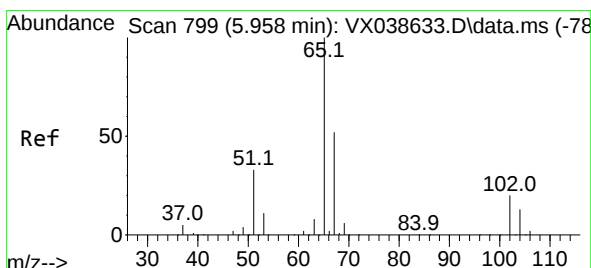
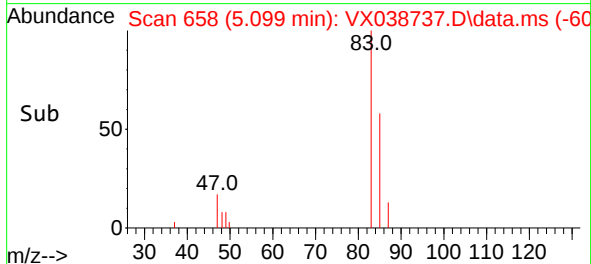
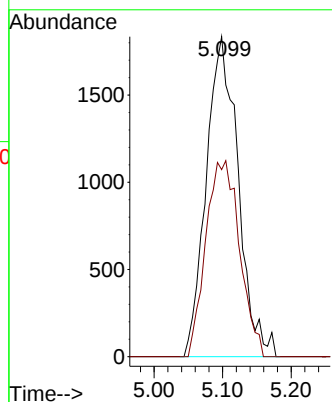
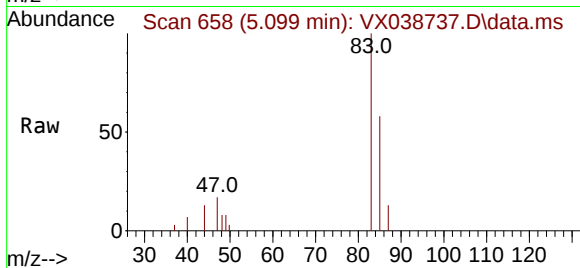
RE132D7-20231108

Tgt Ion: 83 Resp: 5924

Ion Ratio Lower Upper

83 100

85 58.5 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.705 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038737.D

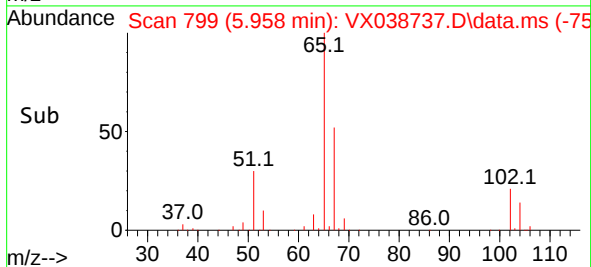
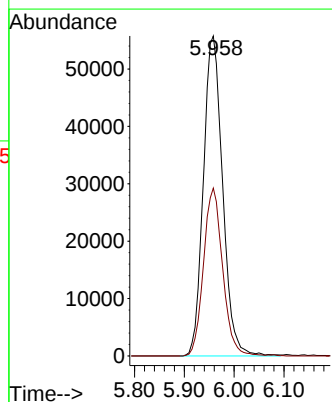
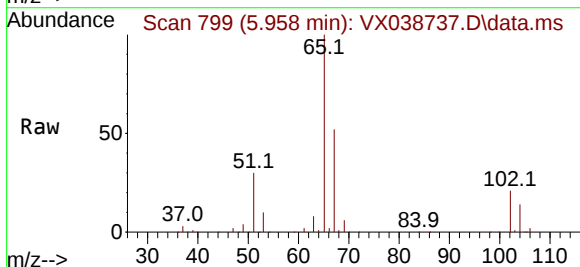
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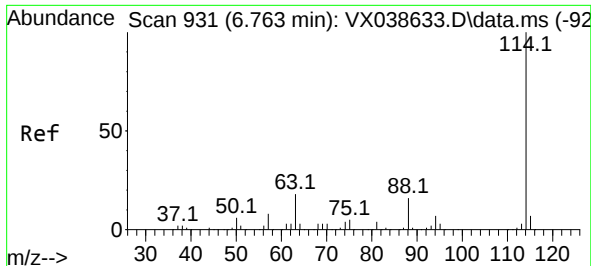
Tgt Ion: 65 Resp: 149722

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

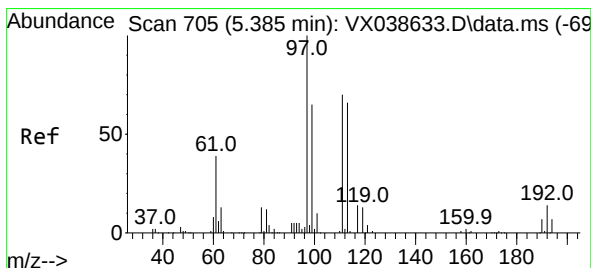
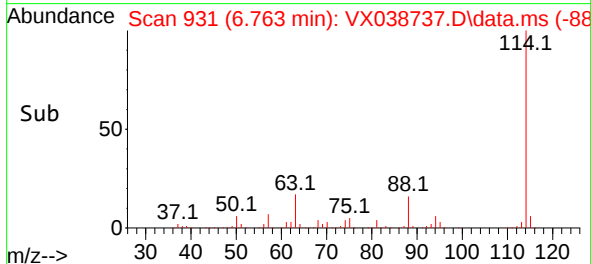
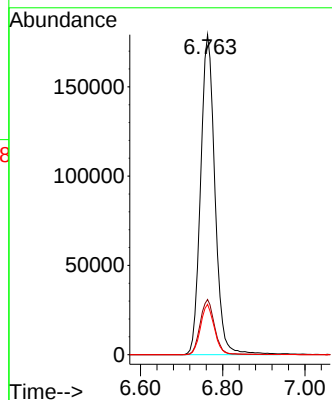
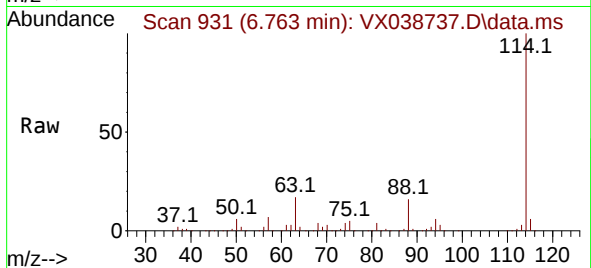




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

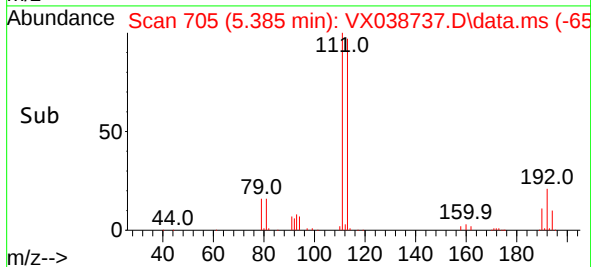
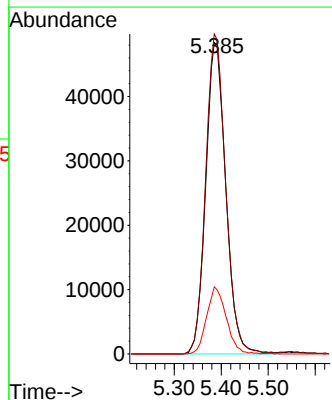
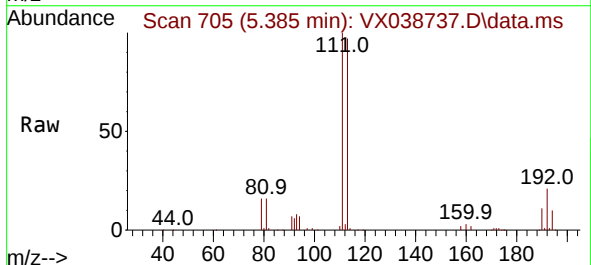
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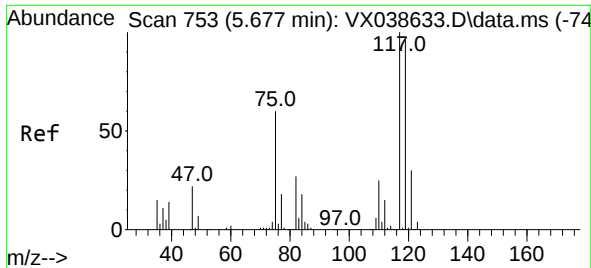
Tgt Ion:114 Resp: 433091
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.960 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

Tgt Ion:113 Resp: 143361
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.0 13.3 19.9#

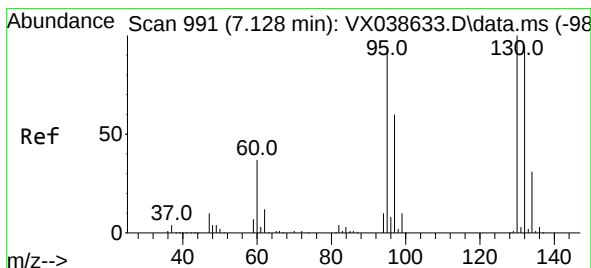
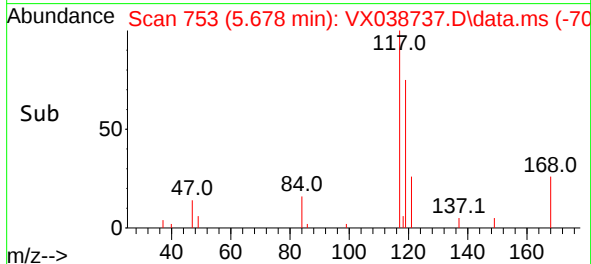
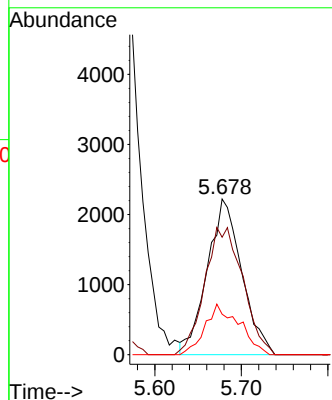
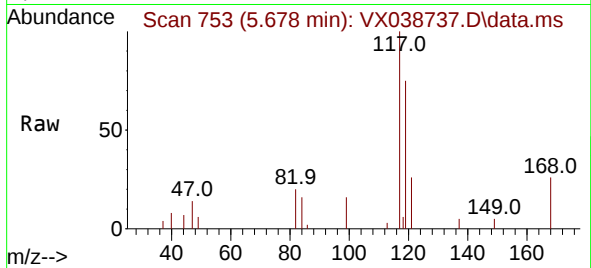




#38
Carbon Tetrachloride
Concen: 1.419 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

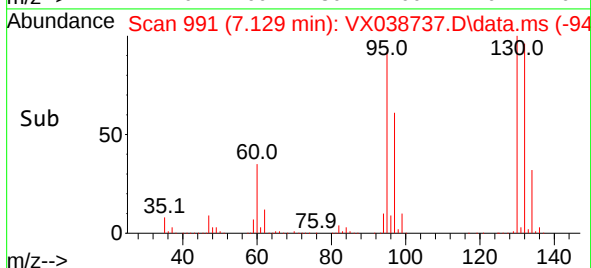
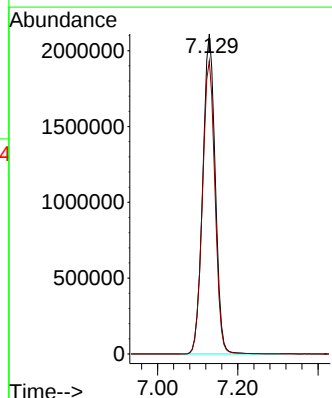
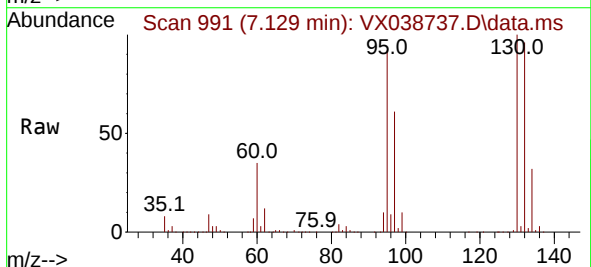
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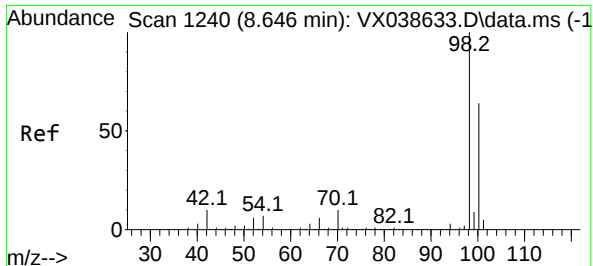
Tgt Ion:117 Resp: 6147
Ion Ratio Lower Upper
117 100
119 75.4 78.2 117.2#
121 26.0 24.4 36.6



#44
Trichloroethene
Concen: 1307.890 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

Tgt Ion:130 Resp: 4541536
Ion Ratio Lower Upper
130 100
95 91.6 0.0 204.4

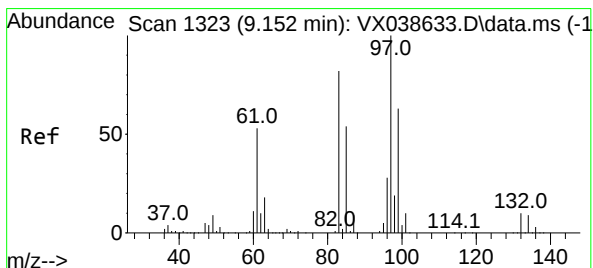
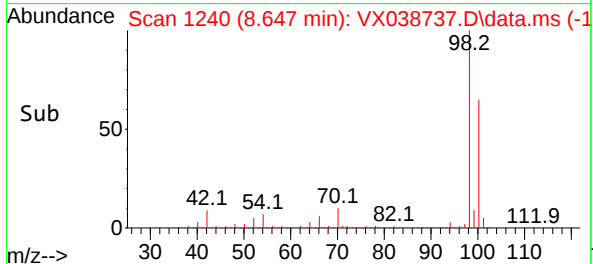
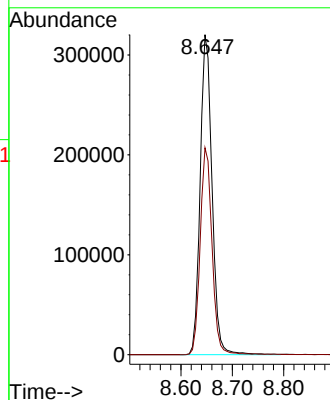
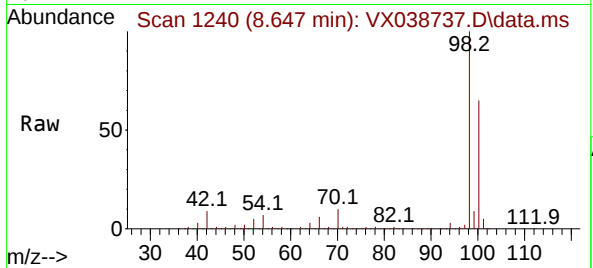




#50
Toluene-d8
Concen: 45.926 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

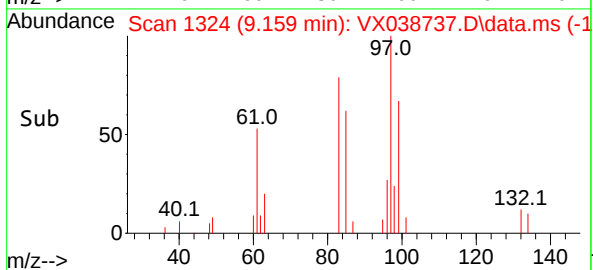
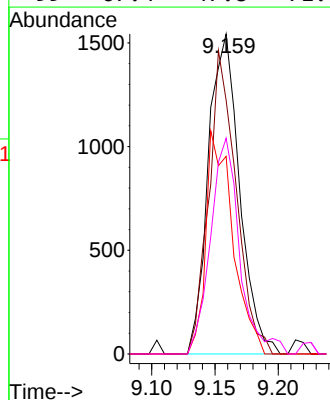
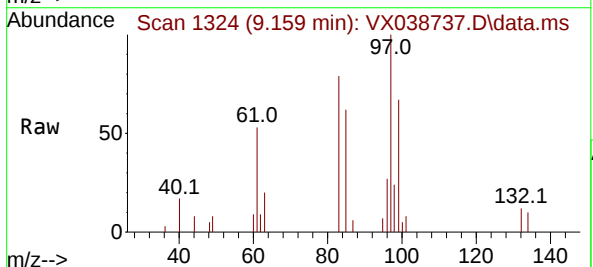
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108

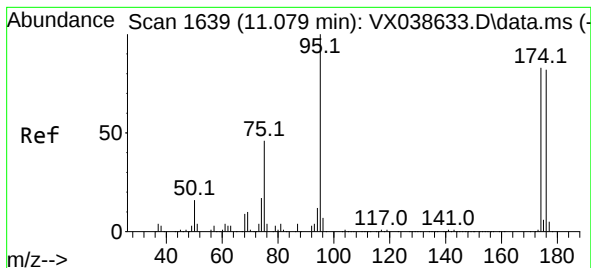
Tgt Ion: 98 Resp: 512617
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.854 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX038737.D
Acq: 10 Nov 2023 18:29

Tgt Ion: 97 Resp: 2649
Ion Ratio Lower Upper
97 100
83 79.3 65.8 98.8
85 61.8 41.6 62.4
99 67.4 47.8 71.8





#62

4-Bromofluorobenzene

Concen: 50.085 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20231108

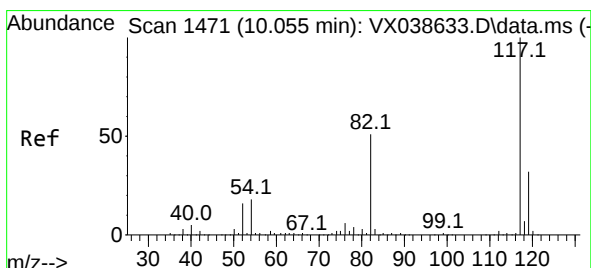
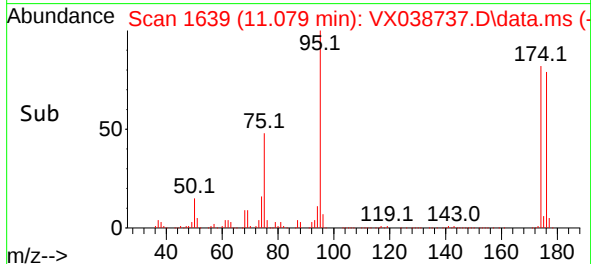
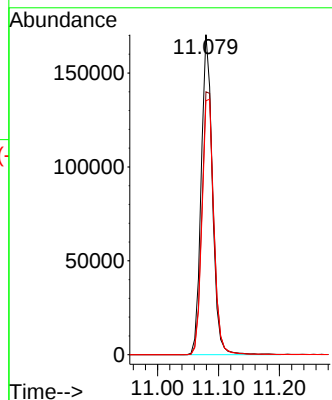
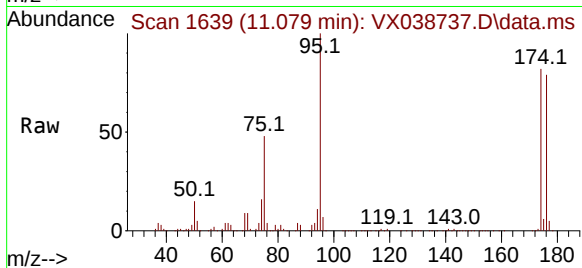
Tgt Ion: 95 Resp: 216747

Ion Ratio Lower Upper

95 100

174 87.5 0.0 135.6

176 84.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

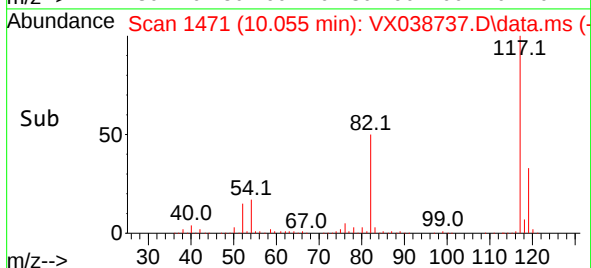
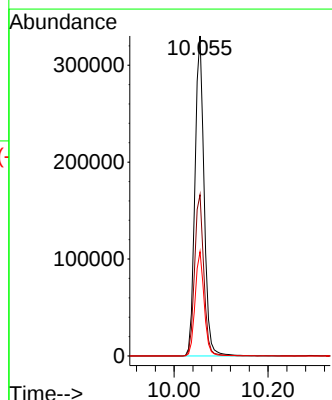
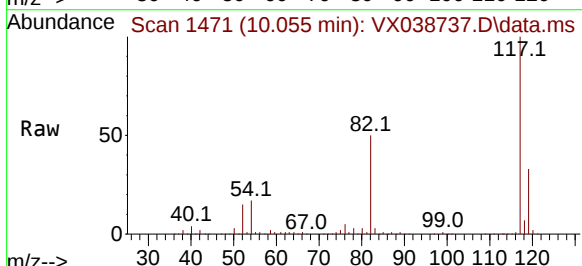
Tgt Ion: 117 Resp: 449841

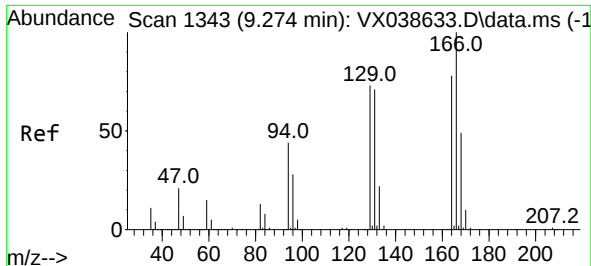
Ion Ratio Lower Upper

117 100

82 50.4 46.2 69.4

119 32.6 25.5 38.3





#64

Tetrachloroethene

Concen: 3.305 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038737.D

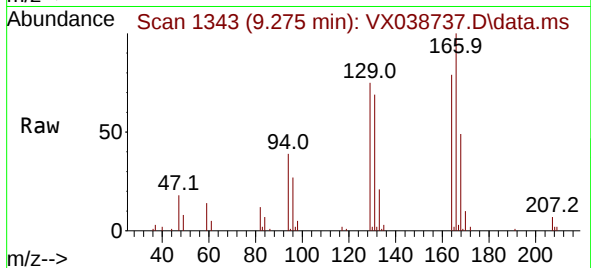
Acq: 10 Nov 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20231108



Tgt Ion:164 Resp: 11129

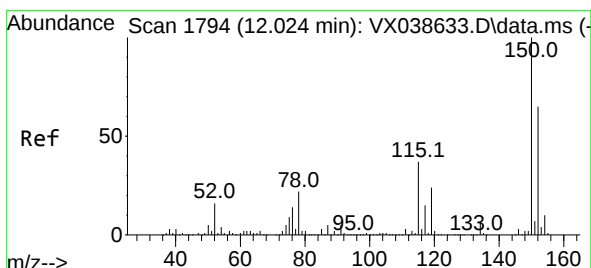
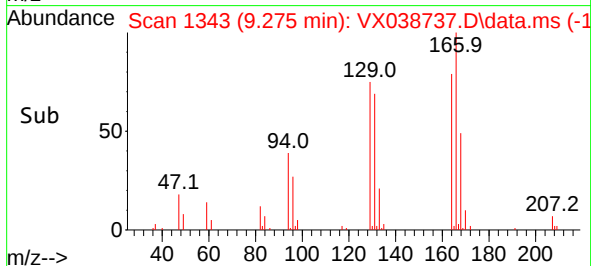
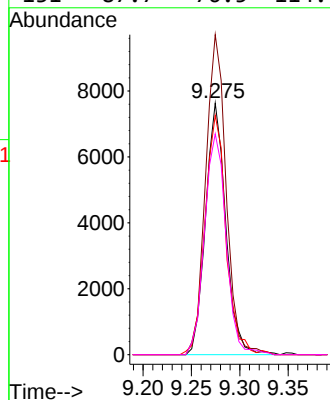
Ion Ratio Lower Upper

164 100

166 127.2 102.7 154.1

129 95.1 80.4 120.6

131 87.7 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038737.D

Acq: 10 Nov 2023 18:29

Tgt Ion:152 Resp: 254508

Ion Ratio Lower Upper

152 100

115 58.0 43.3 129.9

150 156.5 0.0 345.0

