

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032993.D
 Acq On : 22 Nov 2022 21:04
 Operator : JC/MD
 Sample : N5730-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20221117

Quant Time: Nov 23 05:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

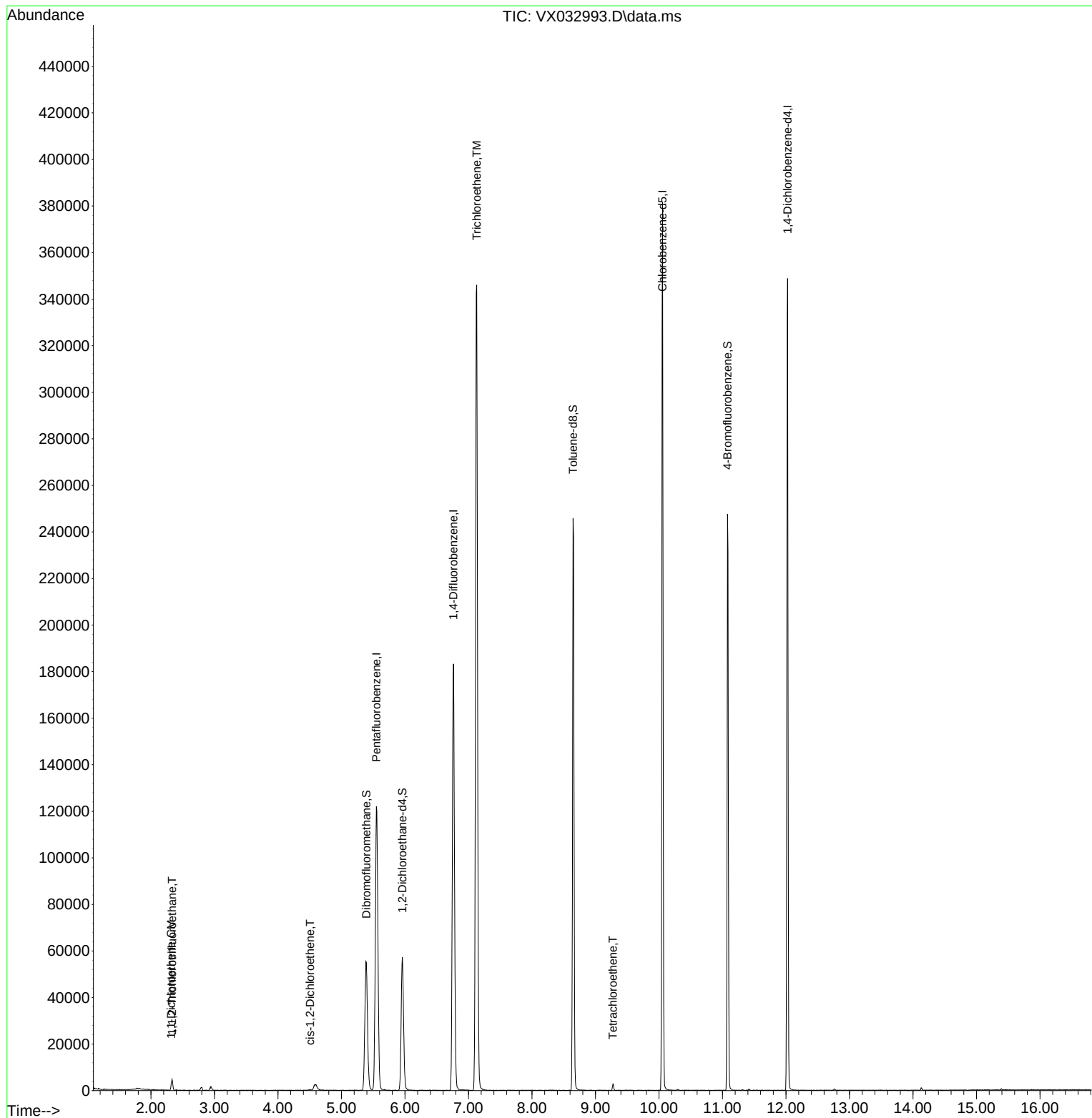
Internal Standards						
1) Pentafluorobenzene	5.550	168	115384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57301	50.877	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.760%		
35) Dibromofluoromethane	5.391	113	48270	45.556	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.120%		
50) Toluene-d8	8.647	98	145854	45.559	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.120%#		
62) 4-Bromofluorobenzene	11.079	95	64463	46.314	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.620%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1730	1.600	ug/l	92
12) 1,1-Dichloroethene	2.319	96	343	0.341	ug/l	92
27) cis-1,2-Dichloroethene	4.507	96	375	0.287	ug/l	56
44) Trichloroethene	7.129	130	132972	99.759	ug/l	97
64) Tetrachloroethene	9.275	164	490	0.418	ug/l #	74

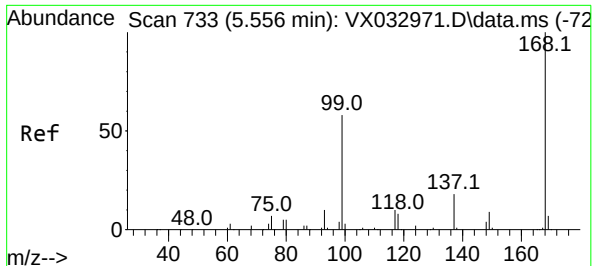
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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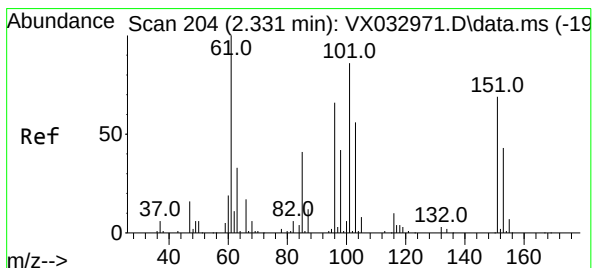
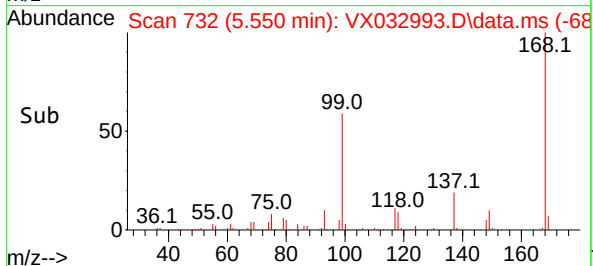
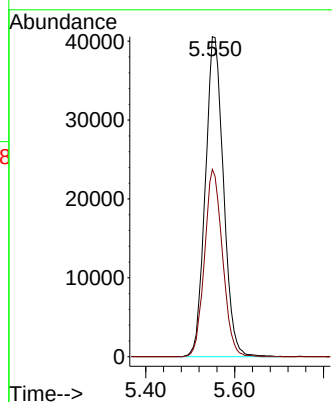
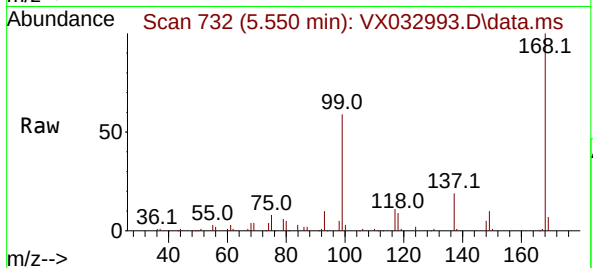




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

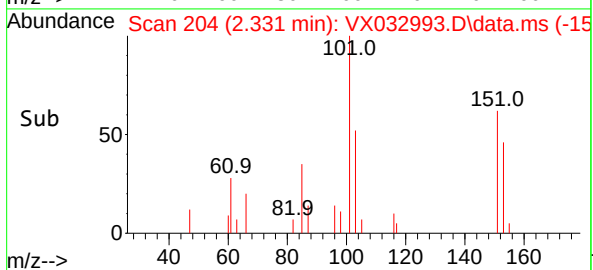
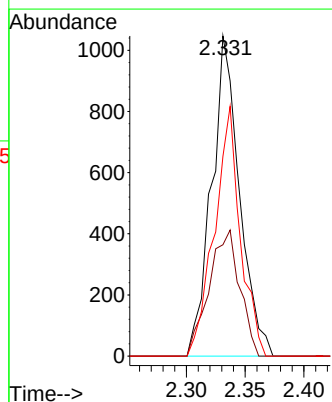
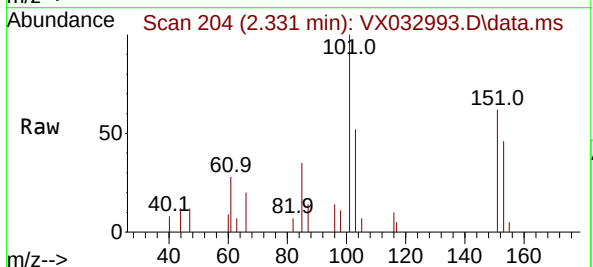
Instrument :
MSVOA_X
ClientSampleId :
RE137-20221117

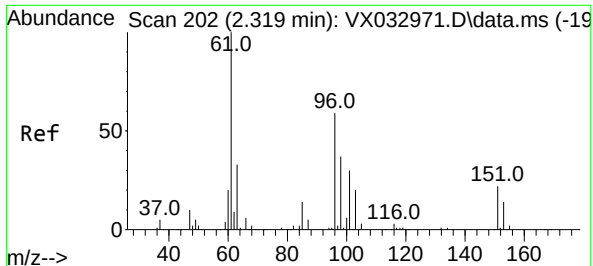
Tgt Ion:168 Resp: 115384
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.600 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

Tgt Ion:101 Resp: 1730
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.4
151 72.3 64.4 96.6





#12

1,1-Dichloroethene

Concen: 0.341 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

Instrument :

MSVOA_X

ClientSampleId :

RE137-20221117

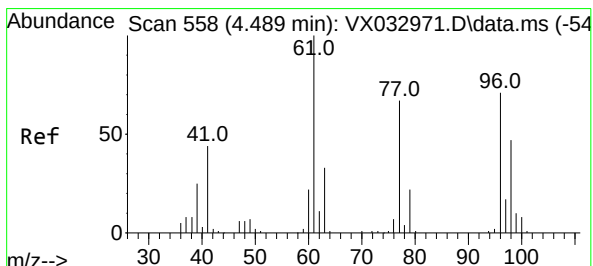
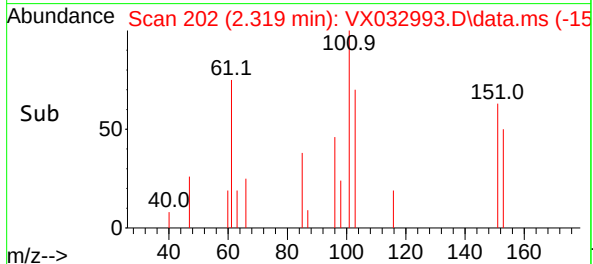
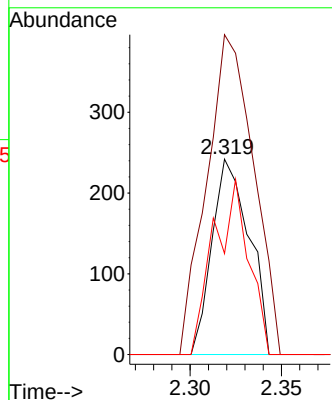
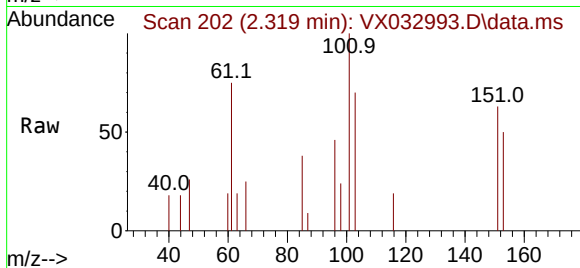
Tgt Ion: 96 Resp: 343

Ion Ratio Lower Upper

96 100

61 163.6 125.1 187.7

98 51.7 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 0.287 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.018 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

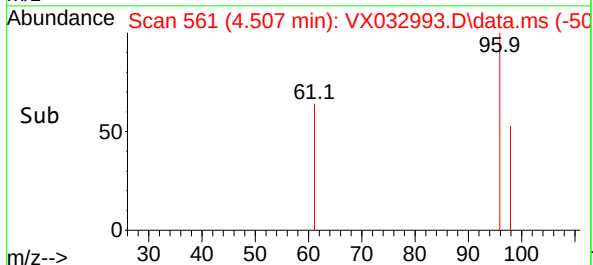
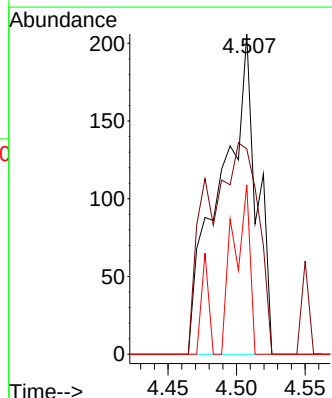
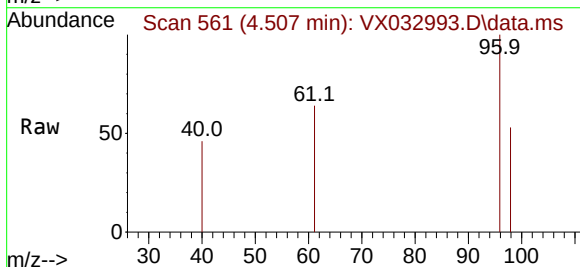
Tgt Ion: 96 Resp: 375

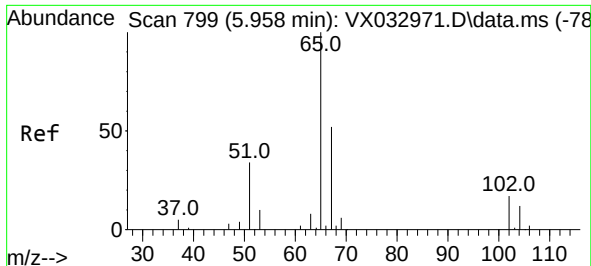
Ion Ratio Lower Upper

96 100

61 92.3 0.0 286.0

98 24.3 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 50.877 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

Instrument :

MSVOA_X

ClientSampleId :

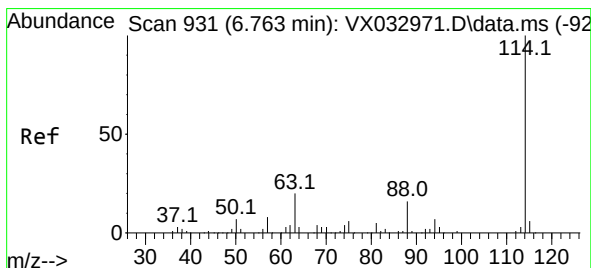
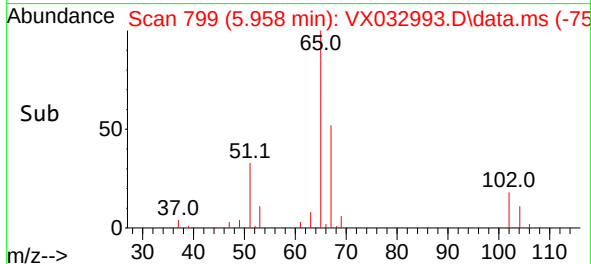
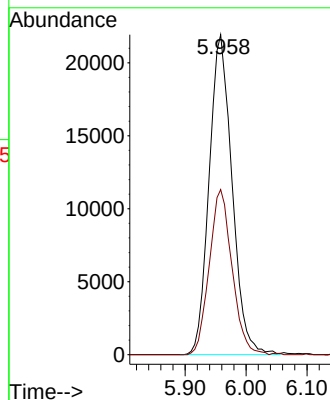
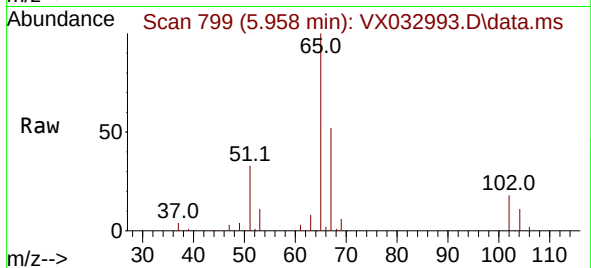
RE137-20221117

Tgt Ion: 65 Resp: 57301

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

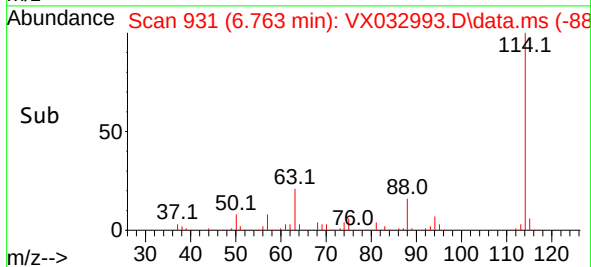
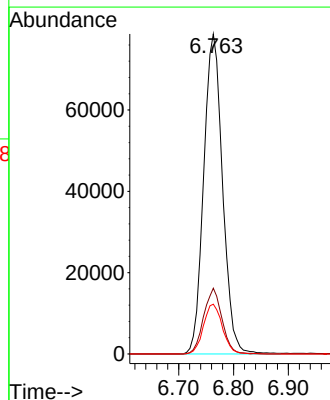
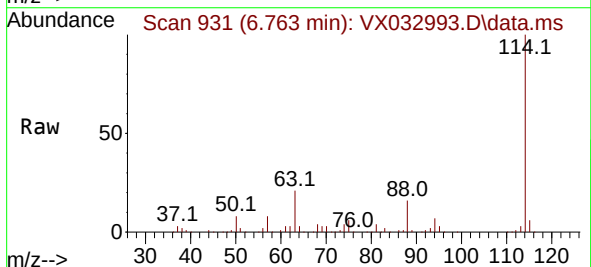
Tgt Ion: 114 Resp: 187946

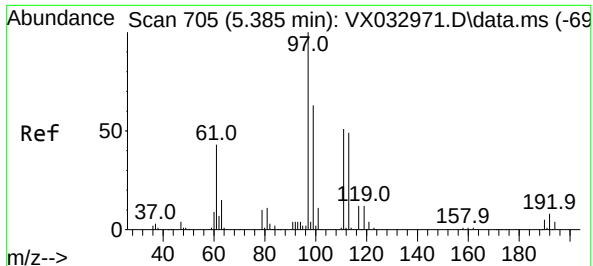
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 15.5 0.0 33.4

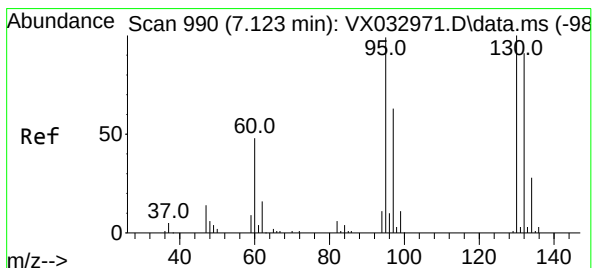
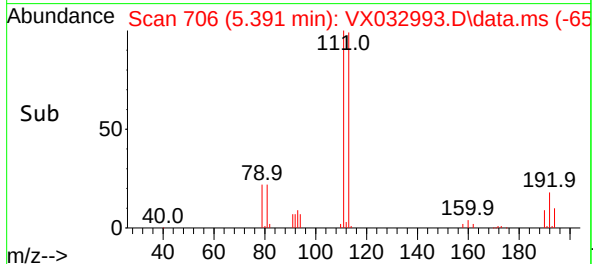
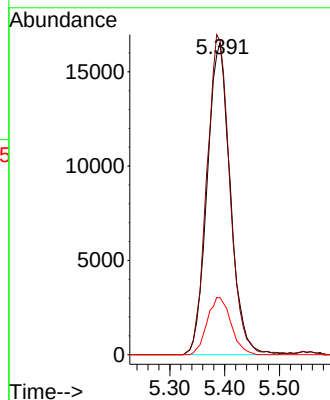
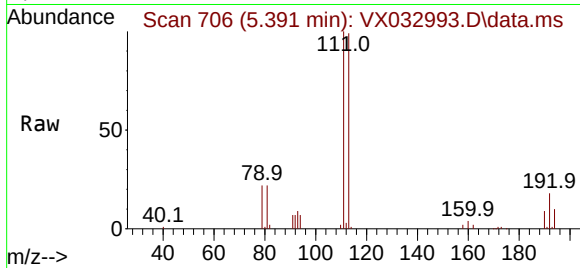




#35
Dibromofluoromethane
Concen: 45.556 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

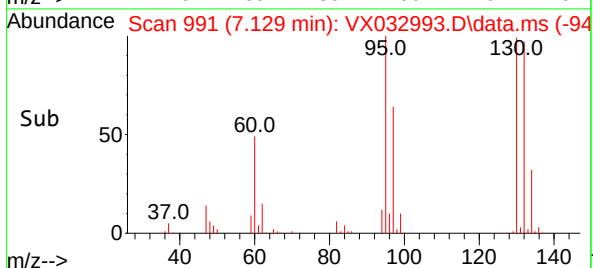
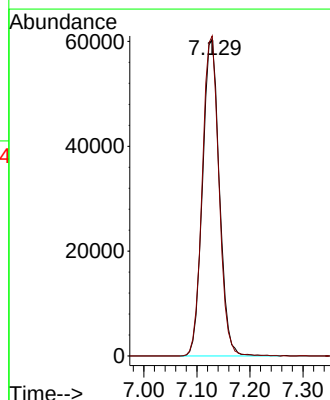
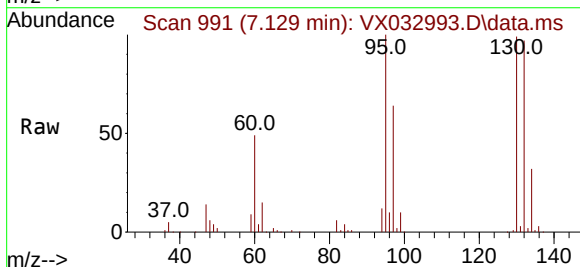
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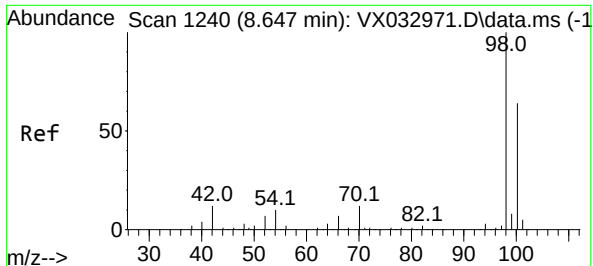
Tgt Ion:113 Resp: 48270
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.9 15.4 23.2



#44
Trichloroethene
Concen: 99.759 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

Tgt Ion:130 Resp: 132972
Ion Ratio Lower Upper
130 100
95 101.0 0.0 195.2





#50

Toluene-d8

Concen: 45.559 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

Instrument :

MSVOA_X

ClientSampleId :

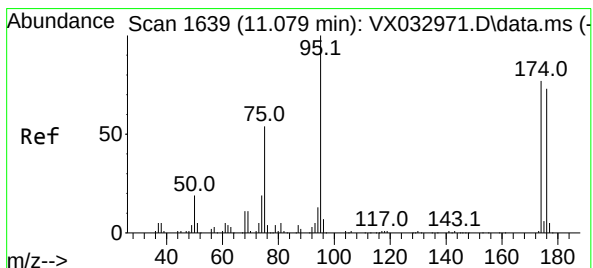
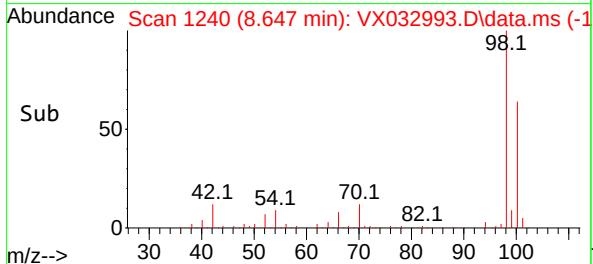
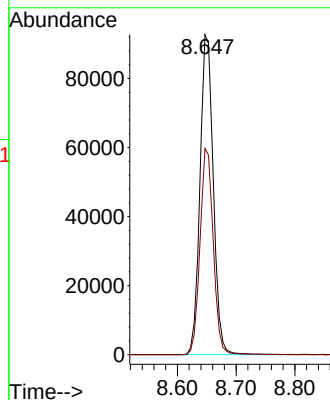
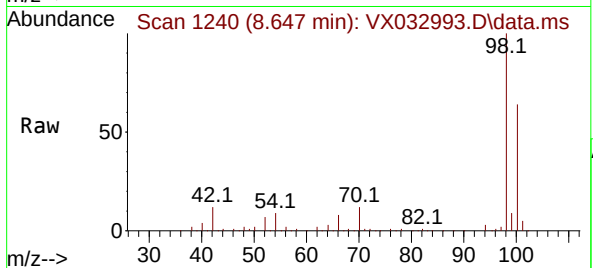
RE137-20221117

Tgt Ion: 98 Resp: 145854

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.314 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032993.D

Acq: 22 Nov 2022 21:04

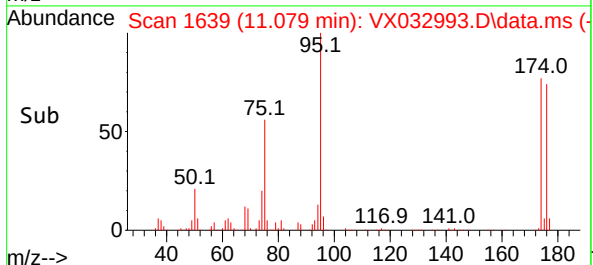
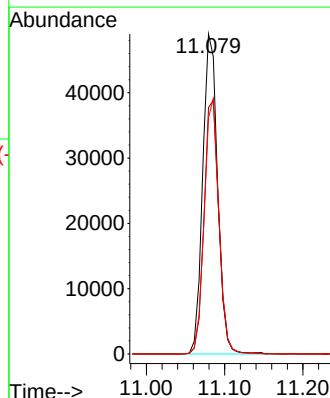
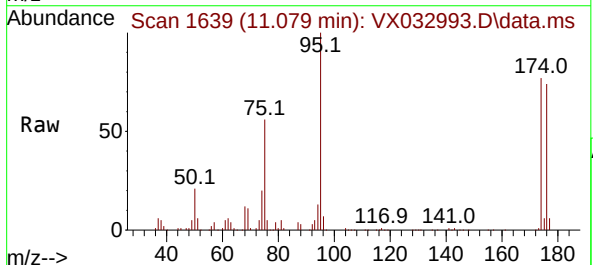
Tgt Ion: 95 Resp: 64463

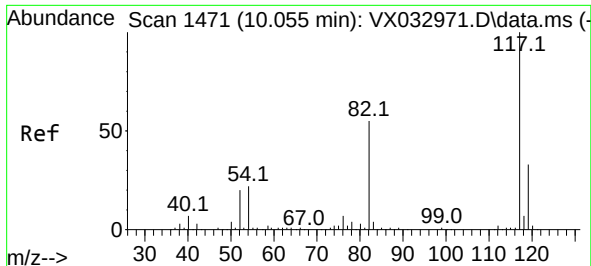
Ion Ratio Lower Upper

95 100

174 79.4 0.0 164.0

176 78.5 0.0 154.4

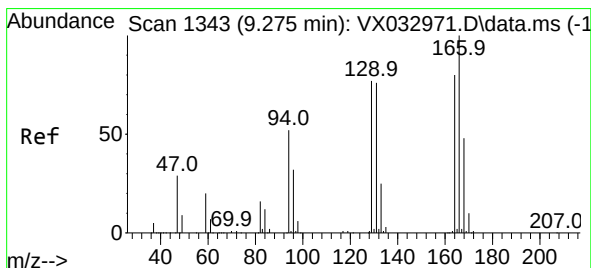
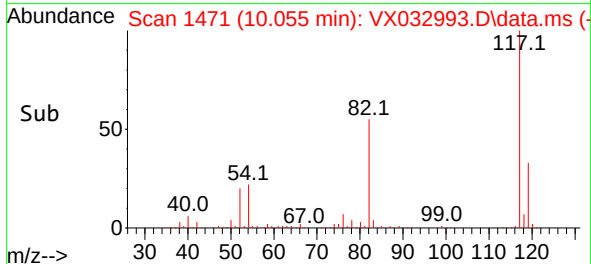
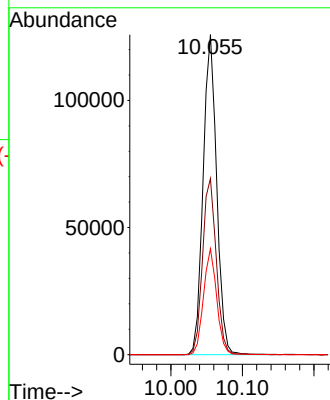
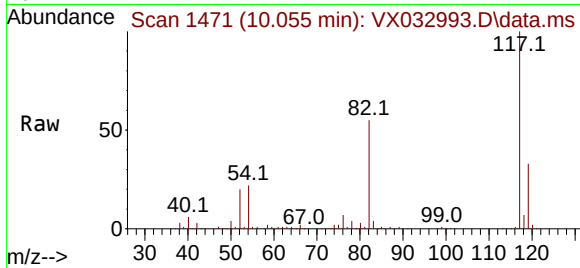




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

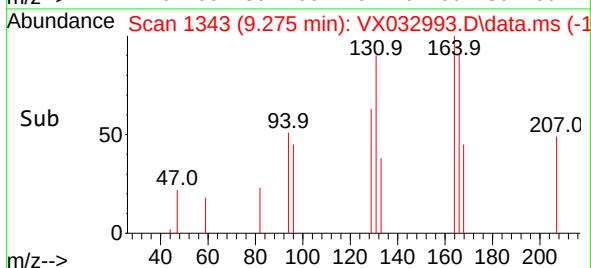
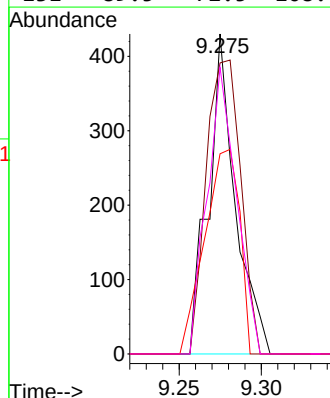
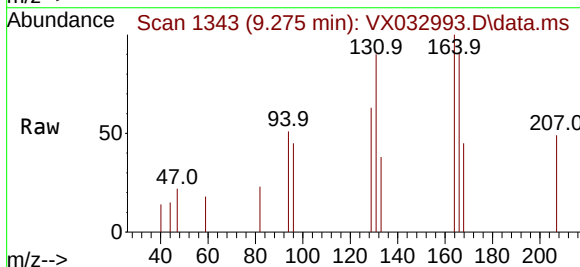
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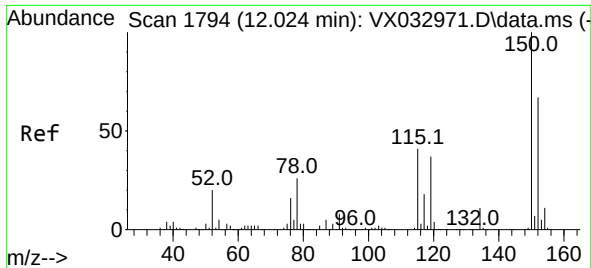
Tgt Ion:117 Resp: 165631
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.418 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032993.D
Acq: 22 Nov 2022 21:04

Tgt Ion:164 Resp: 490
Ion Ratio Lower Upper
164 100
166 90.9 105.4 158.2#
129 62.6 78.2 117.2#
131 89.5 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032993.D

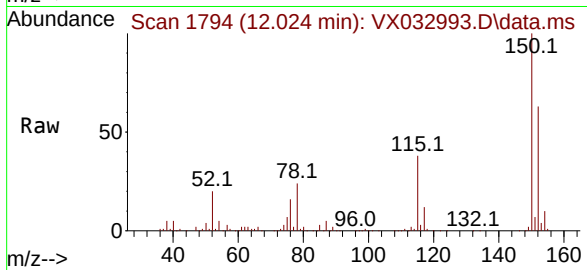
Acq: 22 Nov 2022 21:04

Instrument :

MSVOA_X

ClientSampleId :

RE137-20221117



Tgt Ion:152 Resp: 73542

Ion Ratio Lower Upper

152 100

115 60.3 44.0 132.0

150 157.5 0.0 351.8

