

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038873.D
 Acq On : 17 Nov 2023 12:24
 Operator : JC/MD
 Sample : 05363-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20231107DL

Quant Time: Nov 17 22:48:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

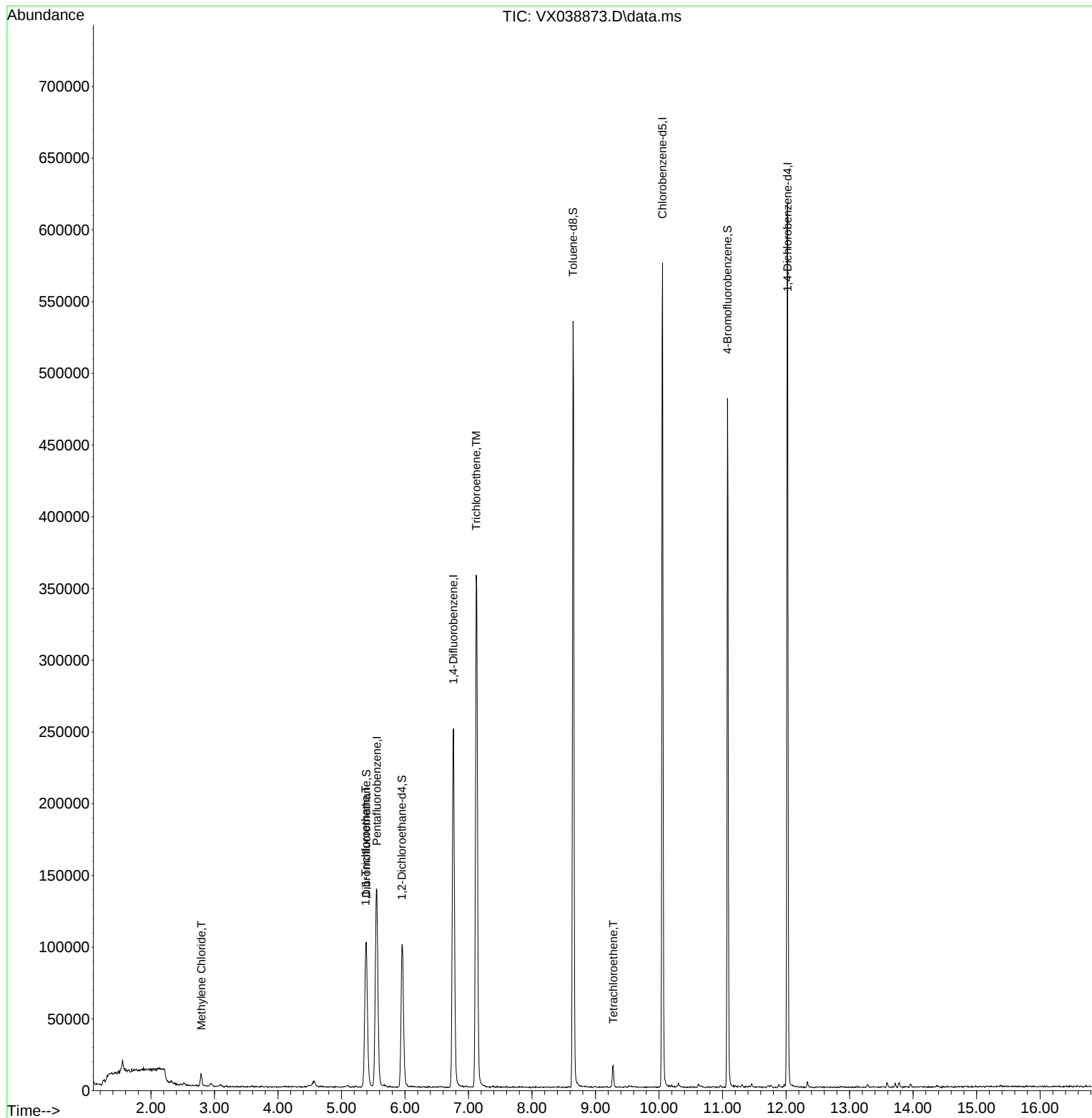
Internal Standards						
1) Pentafluorobenzene	5.556	168	126922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93628	45.780	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.560%		
35) Dibromofluoromethane	5.391	113	82406	44.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.940%		
50) Toluene-d8	8.647	98	322636	45.501	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.000%#		
62) 4-Bromofluorobenzene	11.079	95	133626	47.077	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.160%		
Target Compounds						
20) Methylene Chloride	2.794	84	4176	2.128	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	9857	3.587	ug/l	98
44) Trichloroethene	7.122	130	136383	71.321	ug/l	93
64) Tetrachloroethene	9.281	164	2950	1.858	ug/l	83

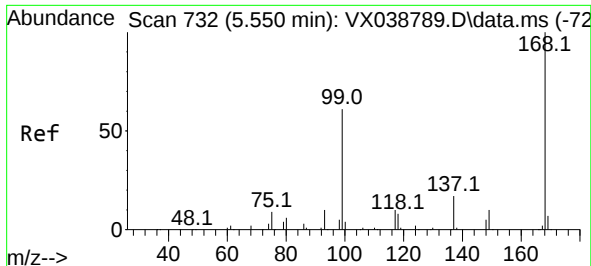
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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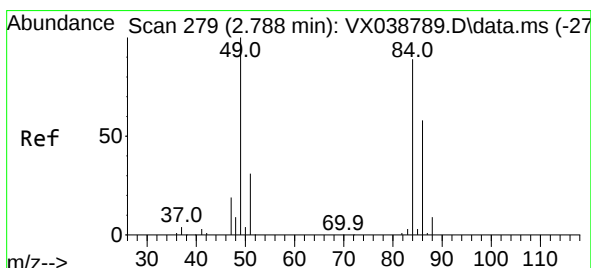
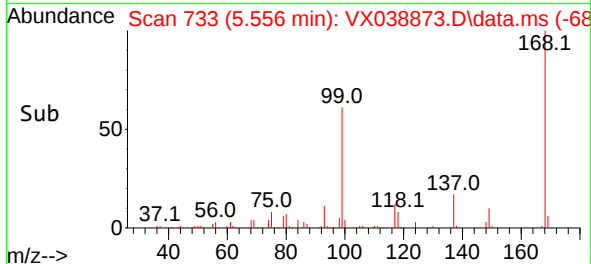
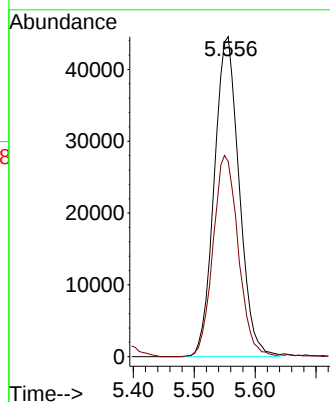
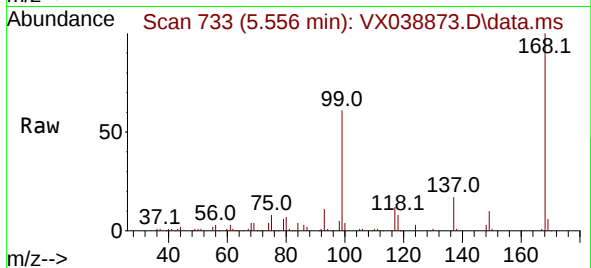




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038873.D
Acq: 17 Nov 2023 12:24

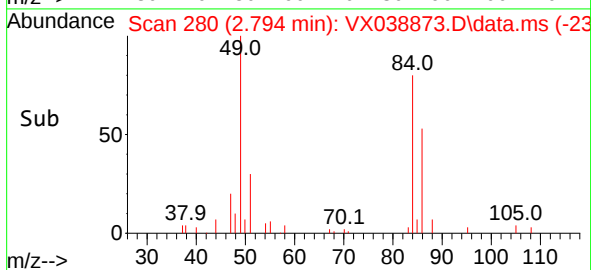
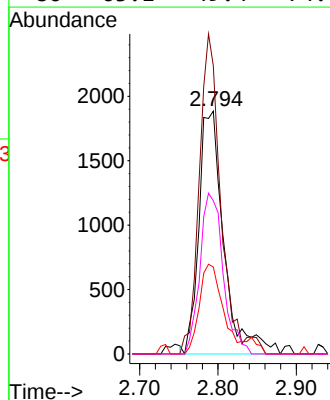
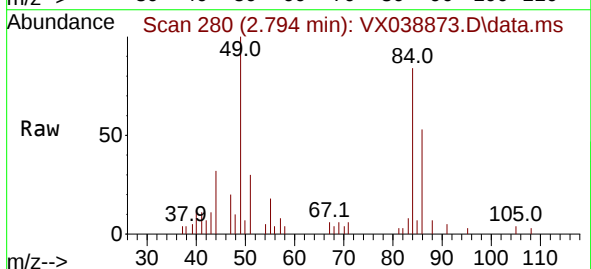
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107DL

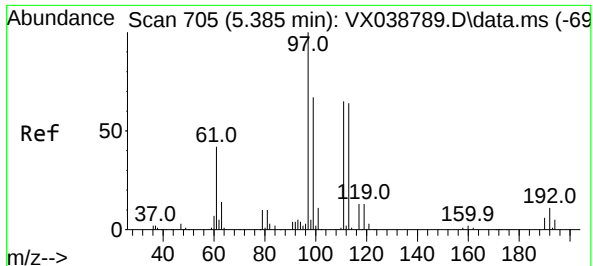
Tgt Ion:168 Resp: 126922
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#20
Methylene Chloride
Concen: 2.128 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038873.D
Acq: 17 Nov 2023 12:24

Tgt Ion: 84 Resp: 4176
Ion Ratio Lower Upper
84 100
49 118.7 103.6 155.4
51 35.8 33.8 50.6
86 63.1 49.4 74.0





#32

1,1,1-Trichloroethane

Concen: 3.587 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107DL

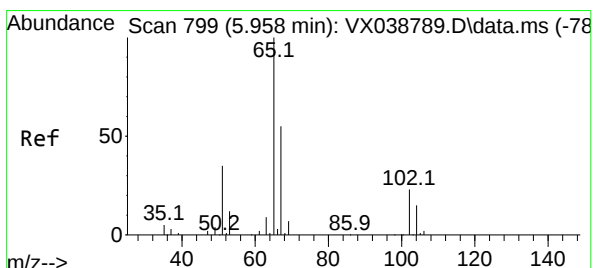
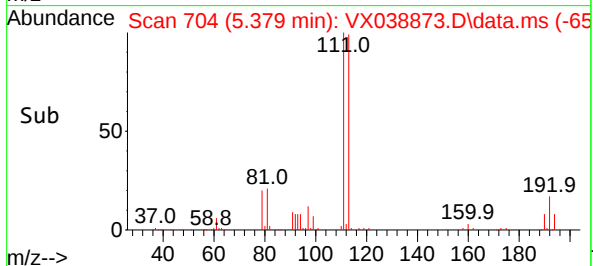
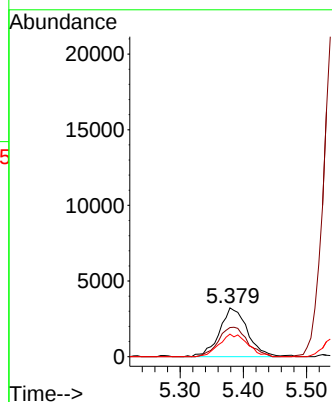
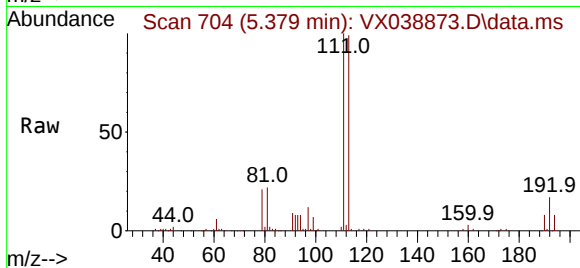
Tgt Ion: 97 Resp: 9857

Ion Ratio Lower Upper

97 100

99 62.5 51.1 76.7

61 47.4 36.4 54.6



#33

1,2-Dichloroethane-d4

Concen: 45.780 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038873.D

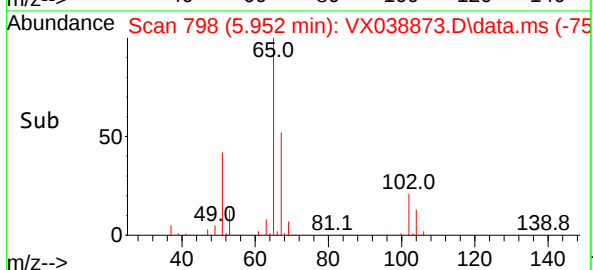
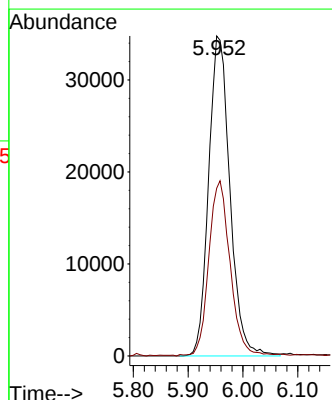
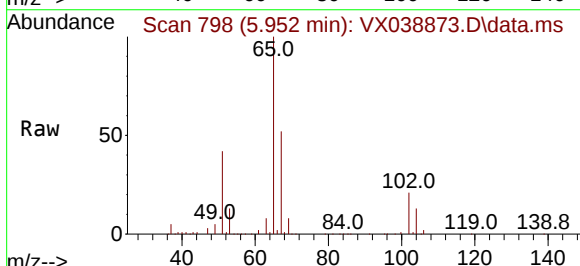
Acq: 17 Nov 2023 12:24

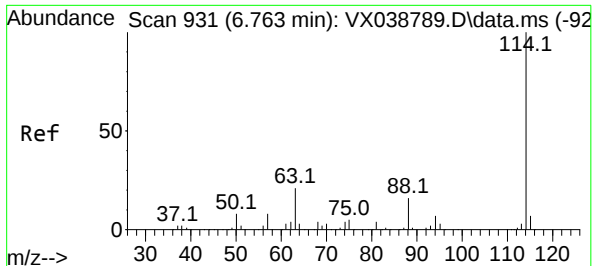
Tgt Ion: 65 Resp: 93628

Ion Ratio Lower Upper

65 100

67 54.8 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107DL

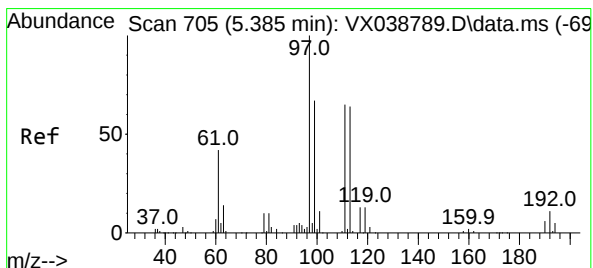
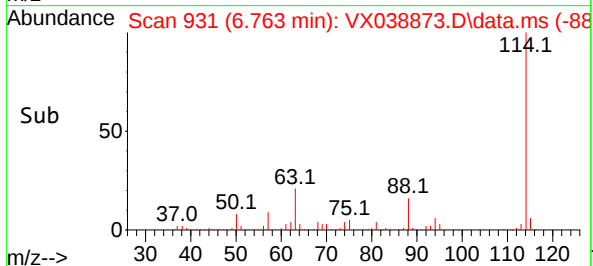
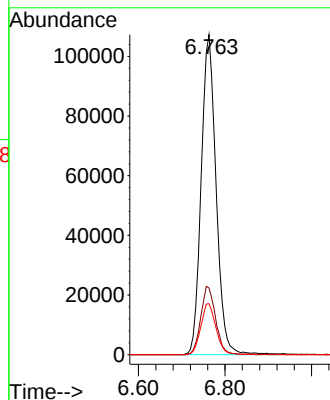
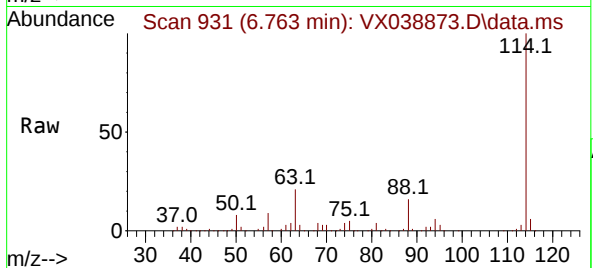
Tgt Ion:114 Resp: 256606

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.465 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

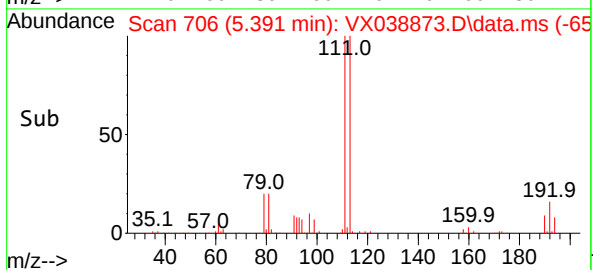
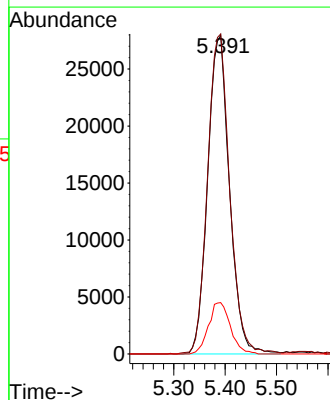
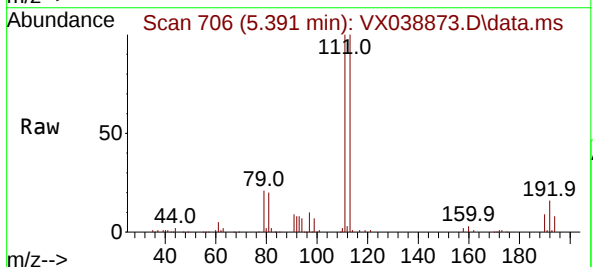
Tgt Ion:113 Resp: 82406

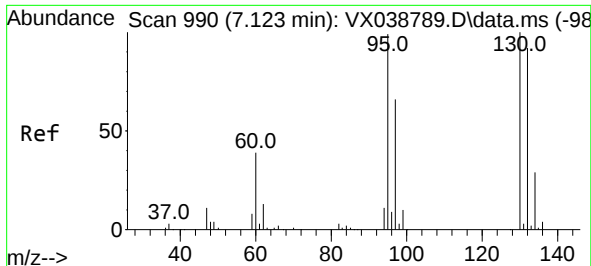
Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 16.2 13.3 19.9

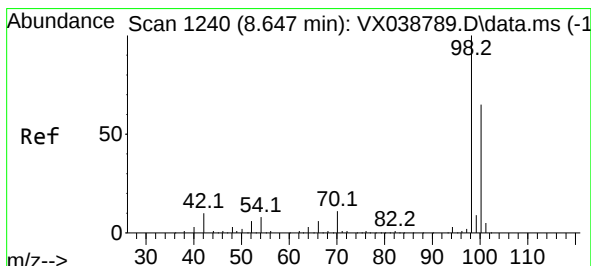
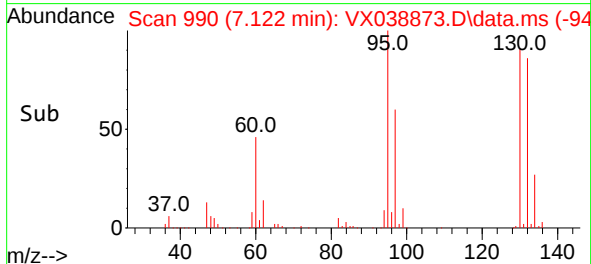
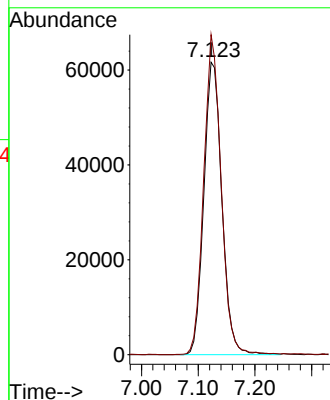
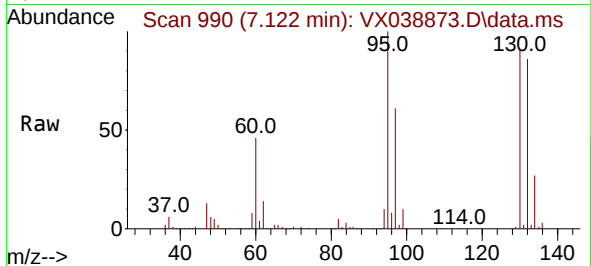




#44
Trichloroethene
Concen: 71.321 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038873.D
Acq: 17 Nov 2023 12:24

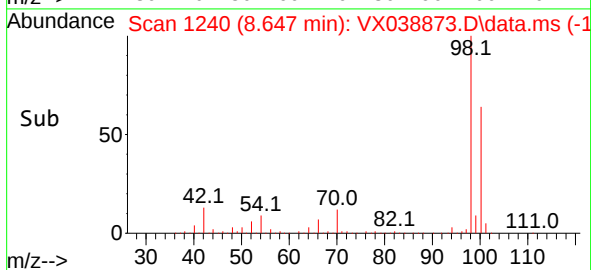
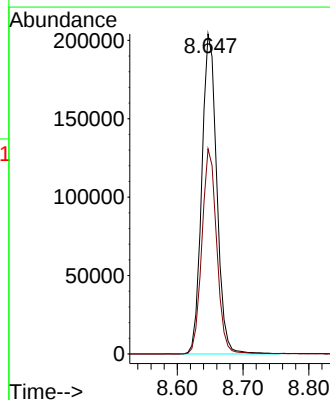
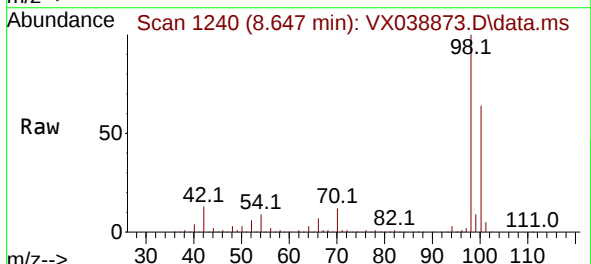
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107DL

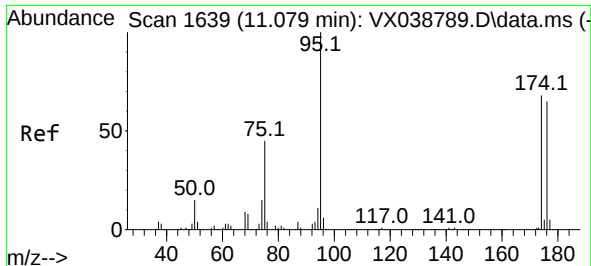
Tgt Ion:130 Resp: 136383
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4



#50
Toluene-d8
Concen: 45.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038873.D
Acq: 17 Nov 2023 12:24

Tgt Ion: 98 Resp: 322636
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.077 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107DL

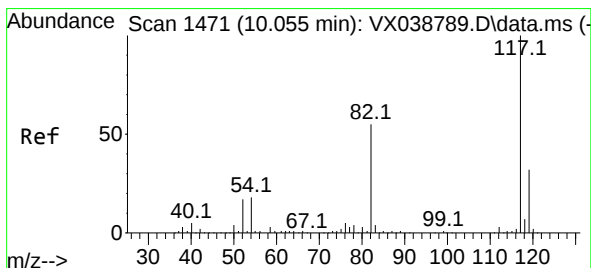
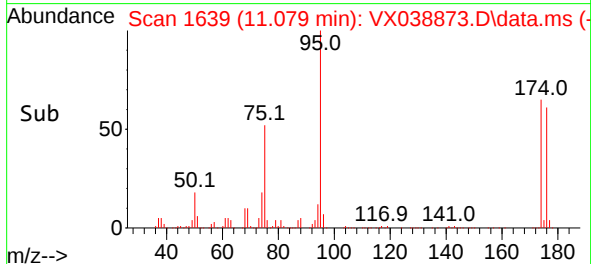
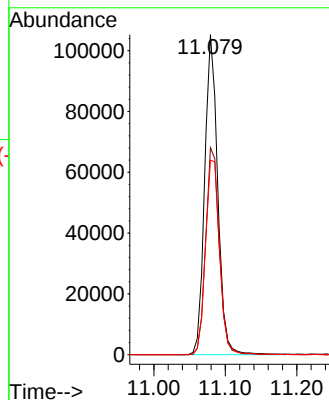
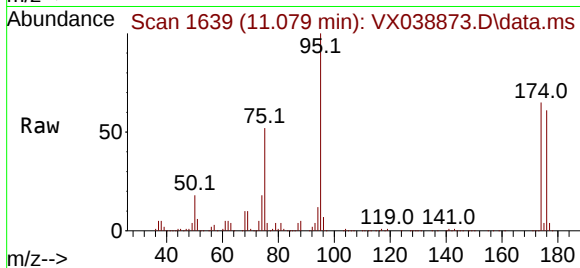
Tgt Ion: 95 Resp: 133626

Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.6

176 65.6 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: VX038873.D

Acq: 17 Nov 2023 12:24

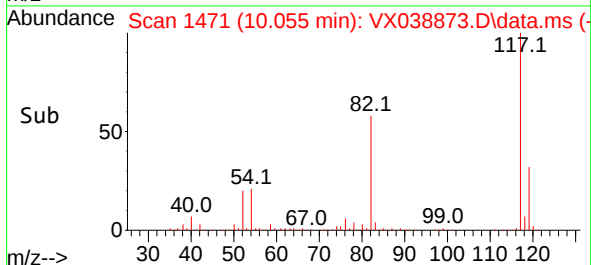
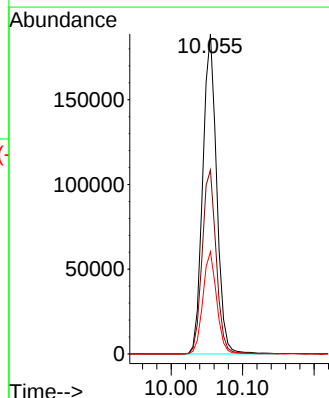
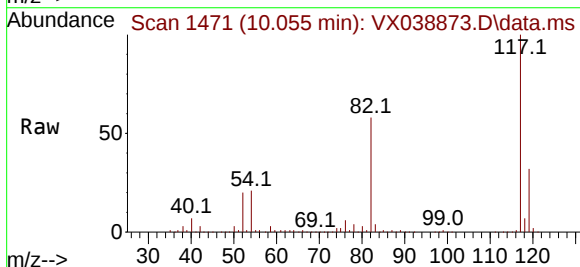
Tgt Ion: 117 Resp: 255446

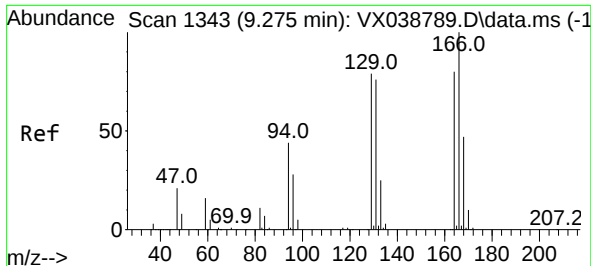
Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 32.0 25.5 38.3





#64

Tetrachloroethene

Concen: 1.858 ug/l

RT: 9.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107DL

Tgt Ion:164 Resp: 2950

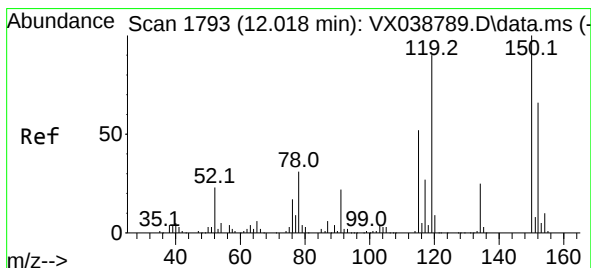
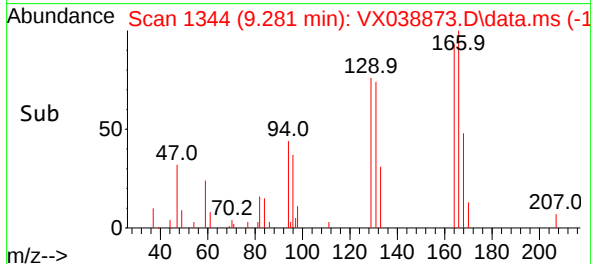
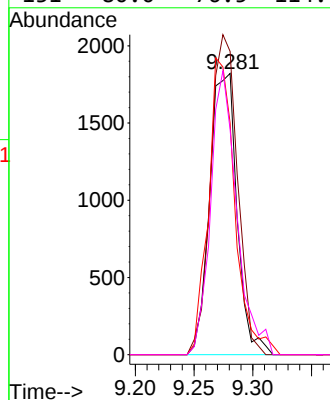
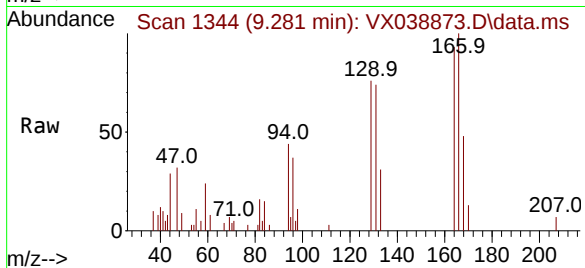
Ion Ratio Lower Upper

164 100

166 107.8 102.7 154.1

129 82.4 80.4 120.6

131 80.0 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038873.D

Acq: 17 Nov 2023 12:24

Tgt Ion:152 Resp: 125302

Ion Ratio Lower Upper

152 100

115 65.6 43.3 129.9

150 159.6 0.0 345.0

