

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011572.D
 Acq On : 23 Nov 2022 14:00
 Operator : KP/MD
 Sample : N5598-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRAC-TANK-0760533

Quant Time: Nov 24 00:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

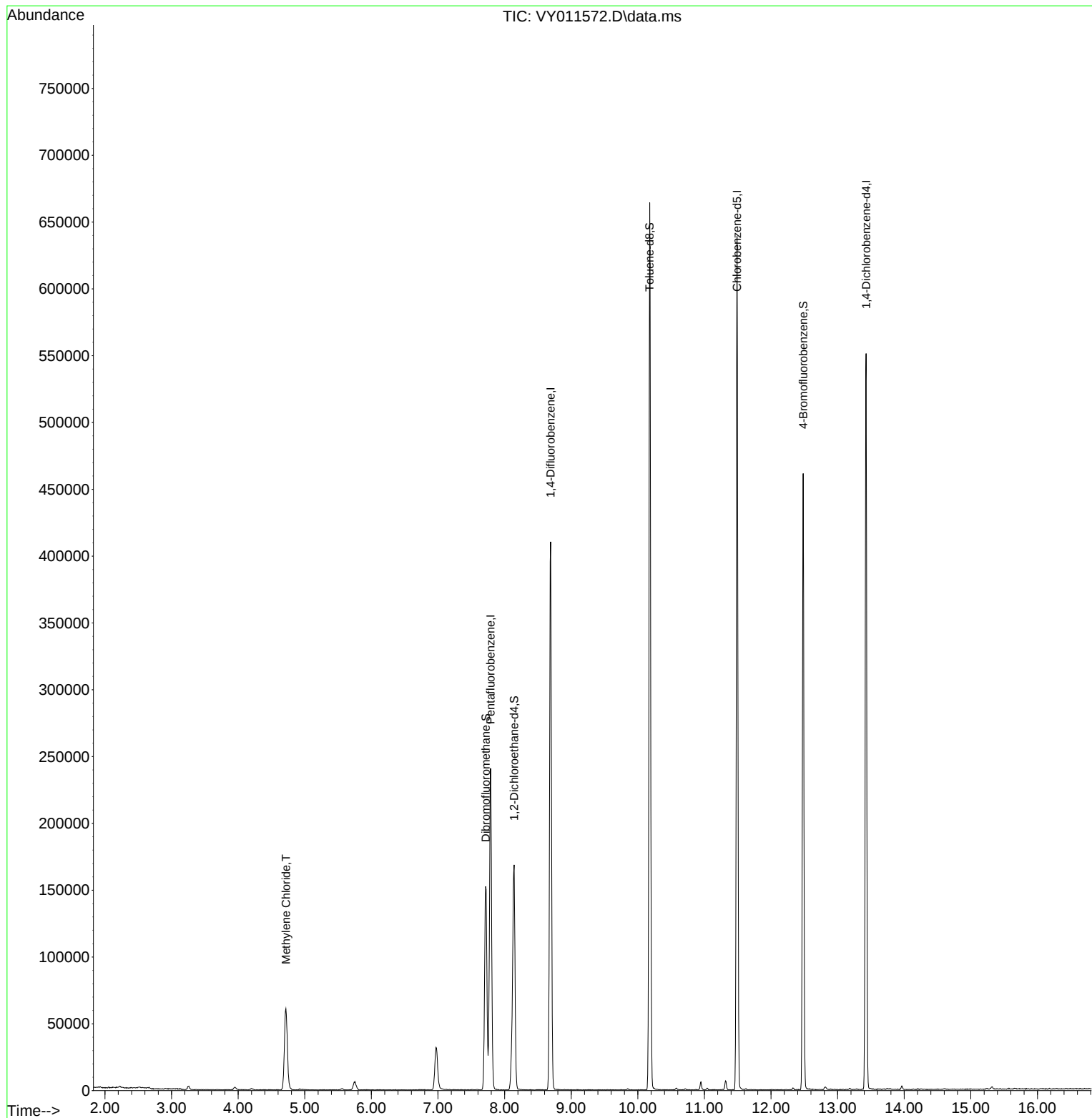
Internal Standards						
1) Pentafluorobenzene	7.789	168	178080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119256	65.952	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	131.900%	
35) Dibromofluoromethane	7.716	113	110907	52.440	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.880%	
50) Toluene-d8	10.179	98	423947	55.162	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	110.320%	
62) 4-Bromofluorobenzene	12.483	95	132714	46.705	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.400%	
Target Compounds						
20) Methylene Chloride	4.716	84	45026	12.337	ug/l	Qvalue 89

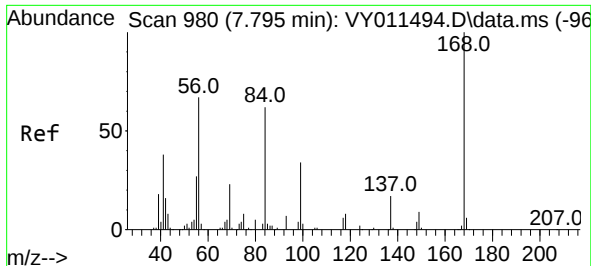
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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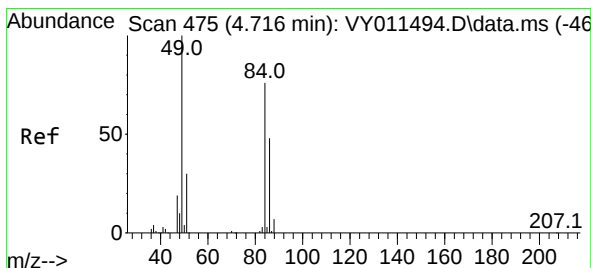
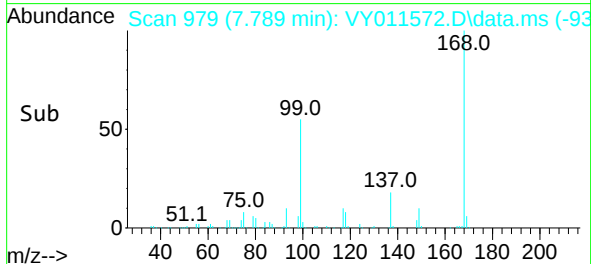
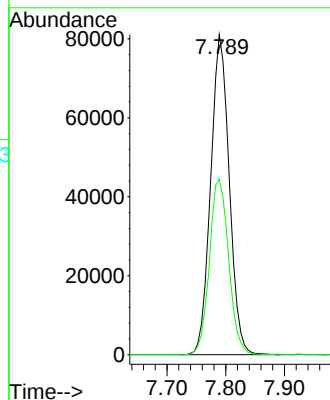
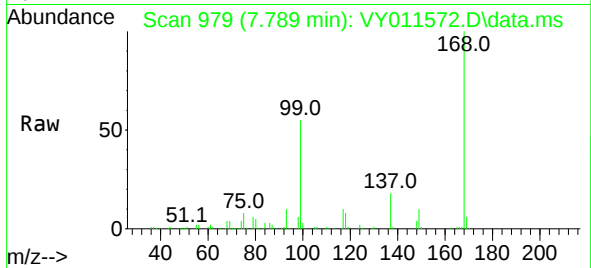




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011572.D
Acq: 23 Nov 2022 14:00

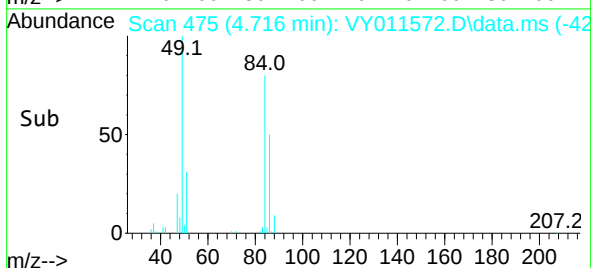
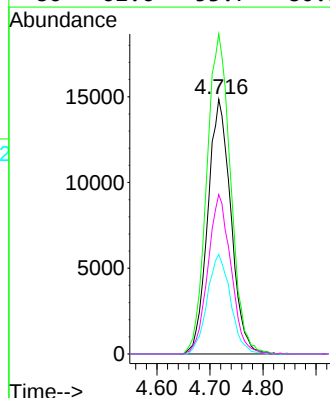
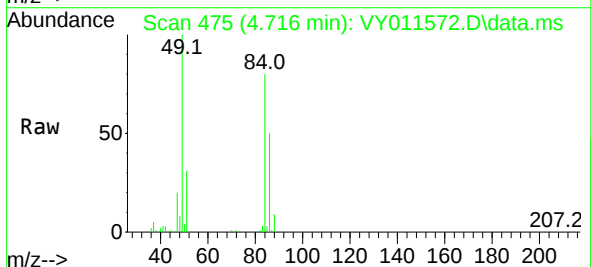
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-0760533

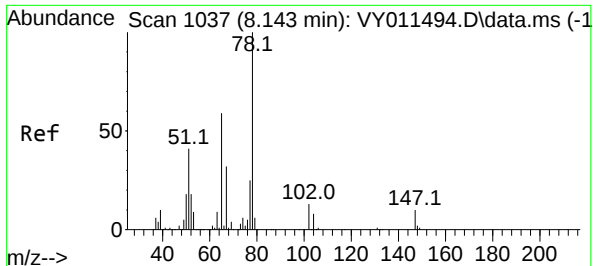
Tgt Ion:168 Resp: 178080
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#20
Methylene Chloride
Concen: 12.337 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011572.D
Acq: 23 Nov 2022 14:00

Tgt Ion: 84 Resp: 45026
Ion Ratio Lower Upper
84 100
49 125.6 114.4 171.6
51 39.1 35.3 52.9
86 62.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 65.952 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011572.D

Acq: 23 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

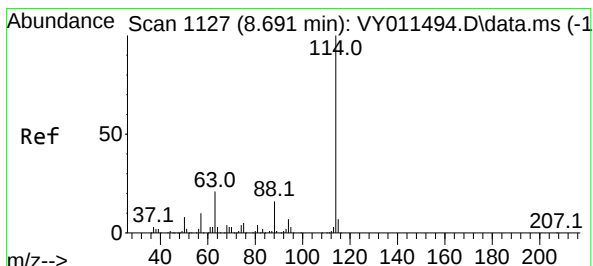
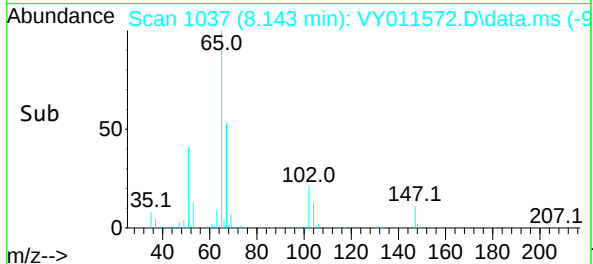
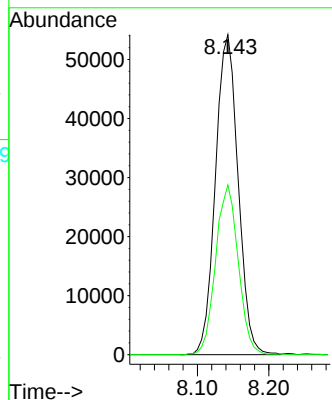
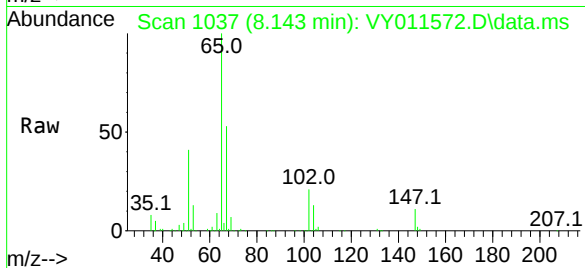
FRAC-TANK-0760533

Tgt Ion: 65 Resp: 119256

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011572.D

Acq: 23 Nov 2022 14:00

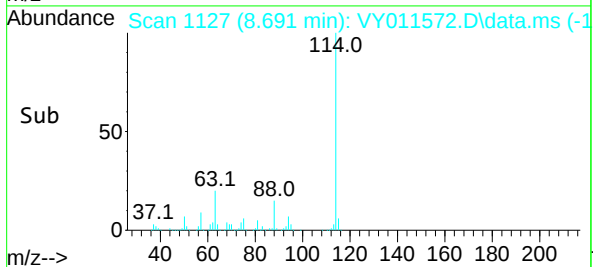
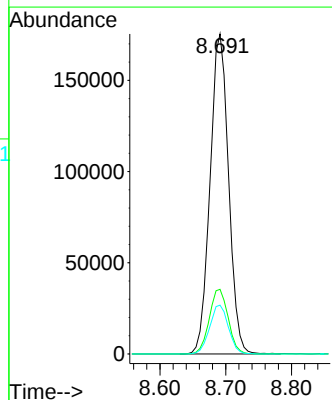
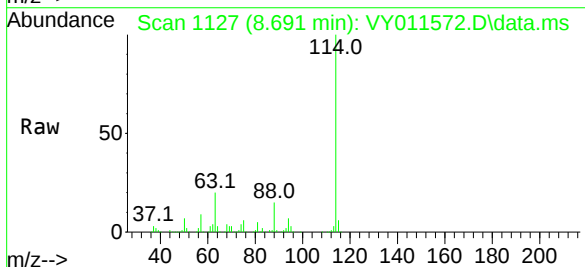
Tgt Ion: 114 Resp: 343559

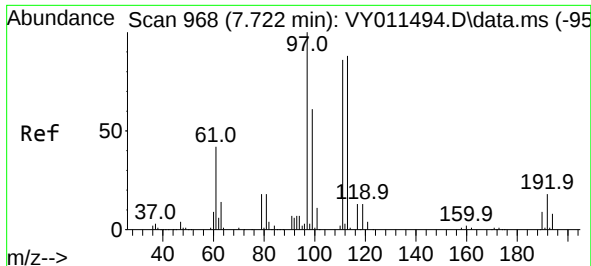
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.2 0.0 31.8

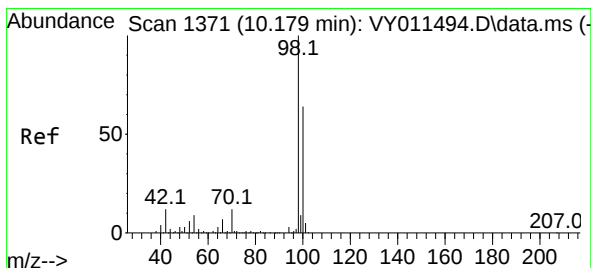
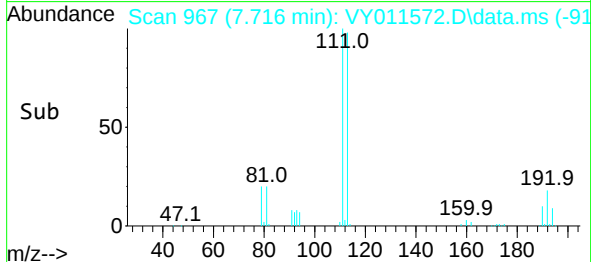
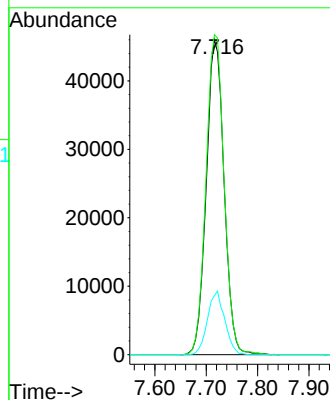
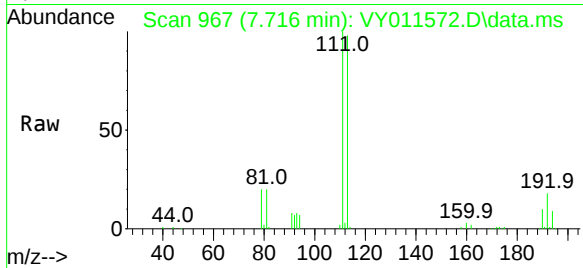




#35
 Dibromofluoromethane
 Concen: 52.440 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY011572.D
 Acq: 23 Nov 2022 14:00

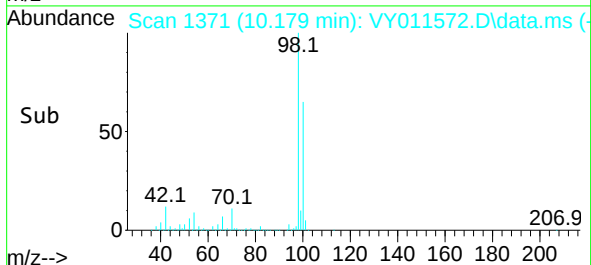
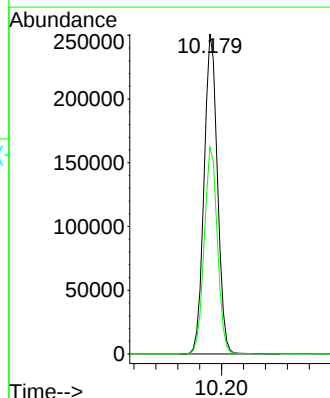
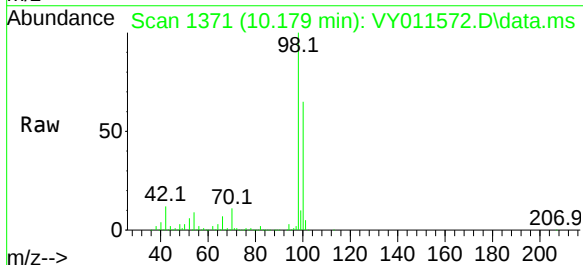
Instrument :
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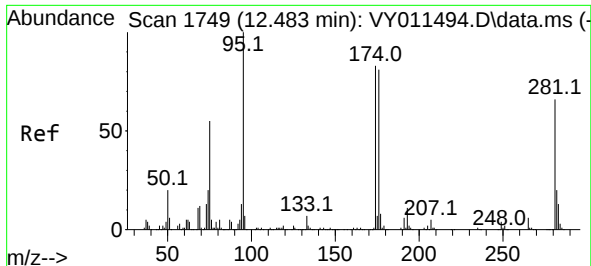
Tgt Ion:113 Resp: 110907
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 19.5 17.6 26.4



#50
 Toluene-d8
 Concen: 55.162 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011572.D
 Acq: 23 Nov 2022 14:00

Tgt Ion: 98 Resp: 423947
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.2 75.2

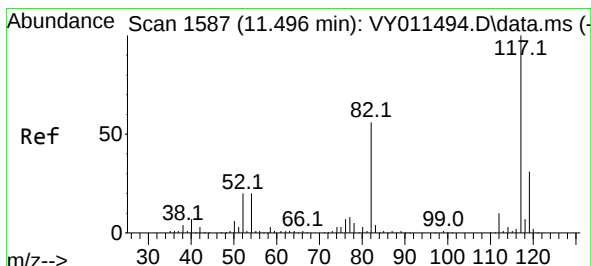
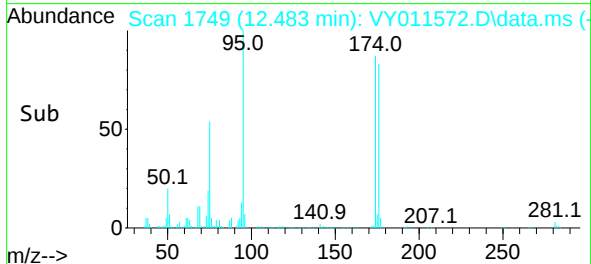
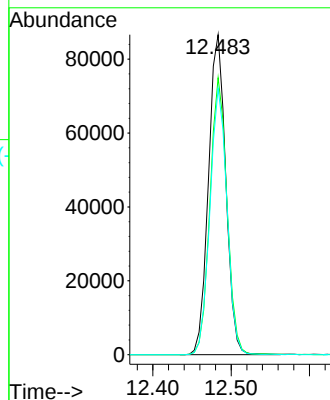
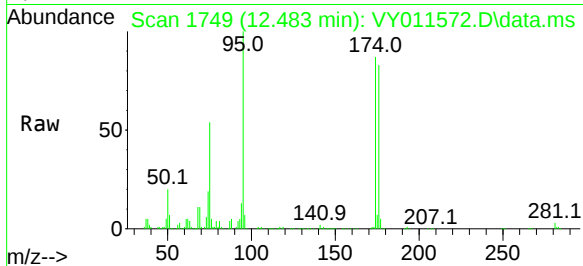




#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011572.D
Acq: 23 Nov 2022 14:00

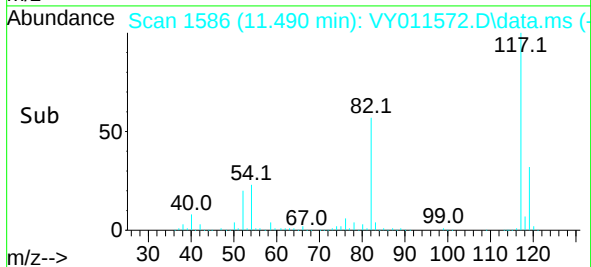
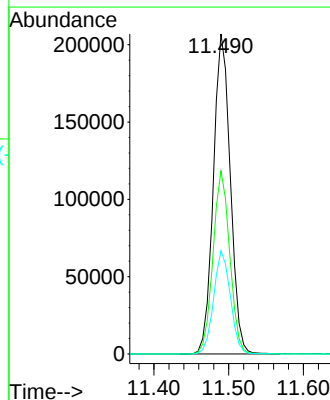
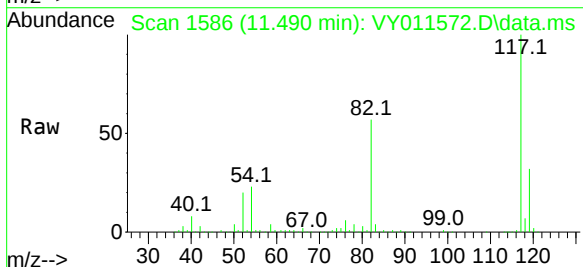
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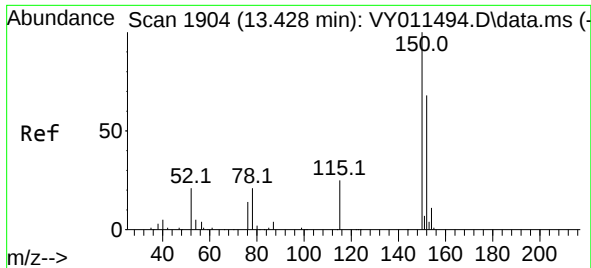
Tgt Ion: 95 Resp: 132714
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011572.D
Acq: 23 Nov 2022 14:00

Tgt Ion: 117 Resp: 326392
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011572.D

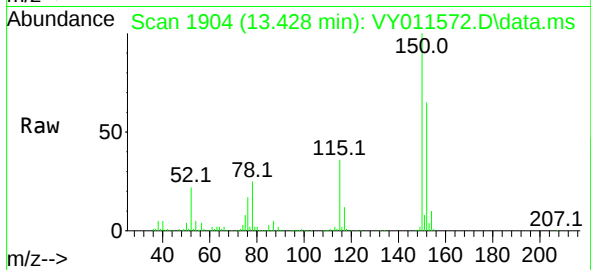
Acq: 23 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

FRAC-TANK-0760533



Tgt Ion:152 Resp: 139833

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 158.0 0.0 347.6

