

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011458.D
 Acq On : 15 Nov 2022 15:14
 Operator : KP/MD
 Sample : N5598-12
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Quant Time: Nov 16 00:21:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

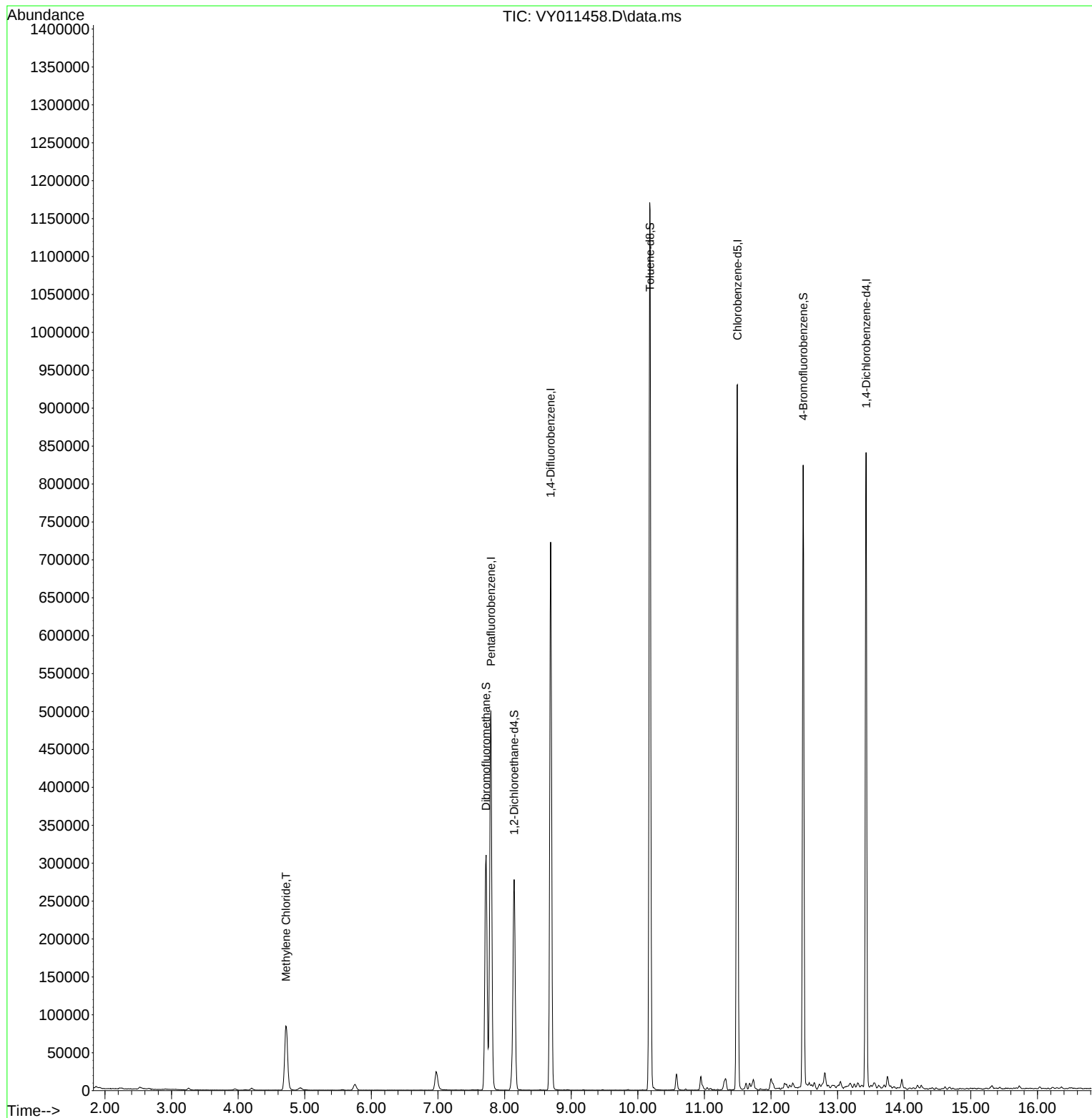
Internal Standards						
1) Pentafluorobenzene	7.795	168	406772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	660412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	559049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	207814	60.967	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.940%		
35) Dibromofluoromethane	7.722	113	226487	61.195	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 122.380%		
50) Toluene-d8	10.185	98	816233	57.728	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.460%		
62) 4-Bromofluorobenzene	12.483	95	257086	52.130	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.260%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	72534	8.637	ug/l	# 79

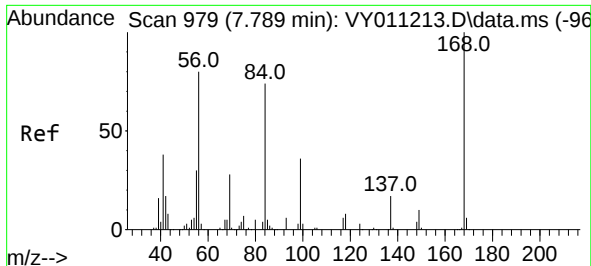
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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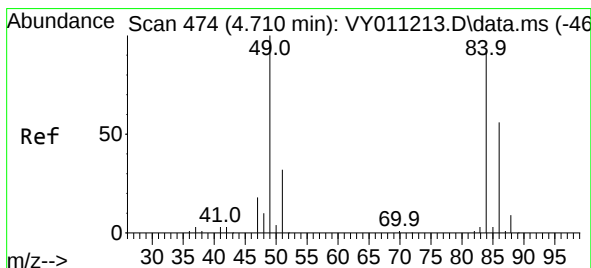
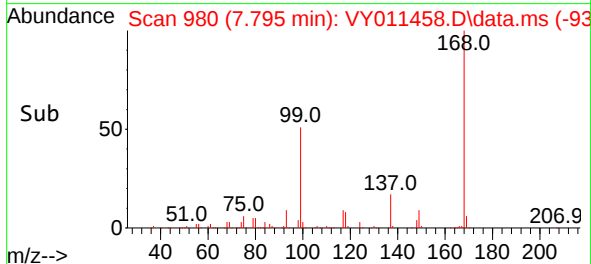
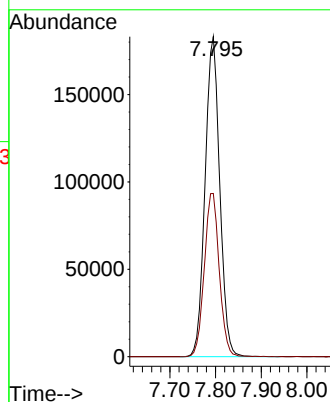
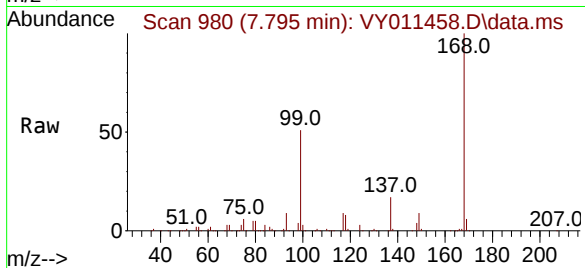




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

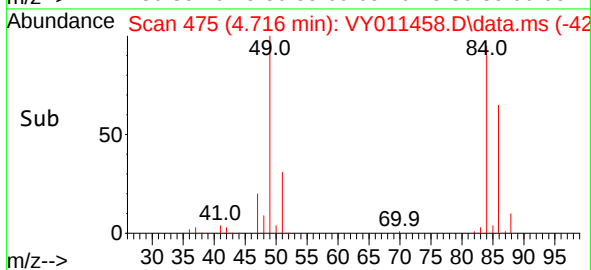
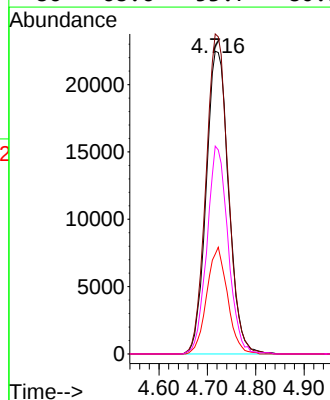
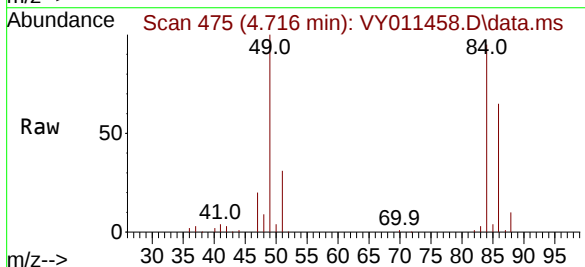
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

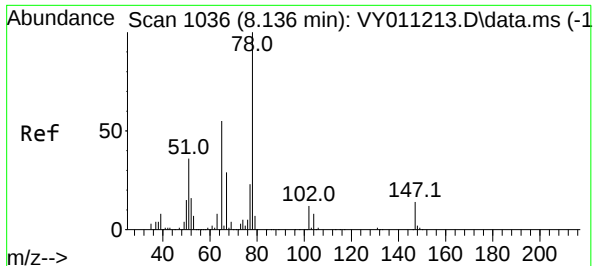
Tgt Ion:168 Resp: 406772
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#20
Methylene Chloride
Concen: 8.637 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 84 Resp: 72534
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 33.0 35.3 52.9#
86 68.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.967 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

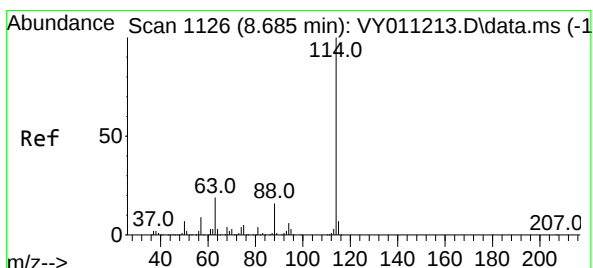
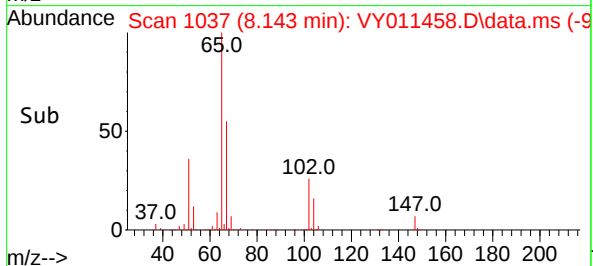
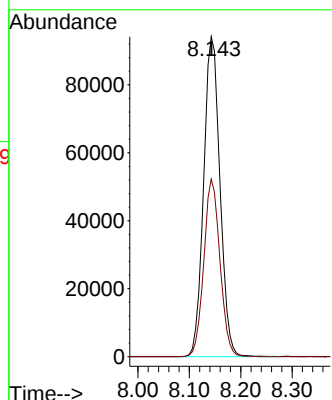
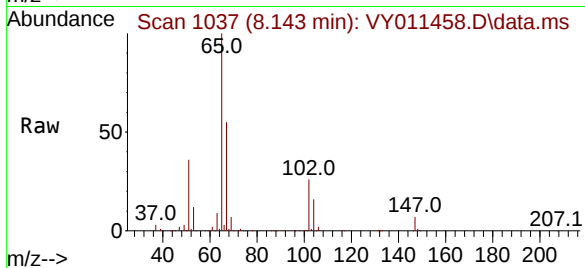
FRAC-TANK-SLURRY-0760533

Tgt Ion: 65 Resp: 207814

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

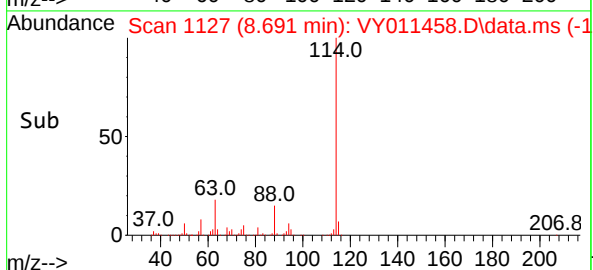
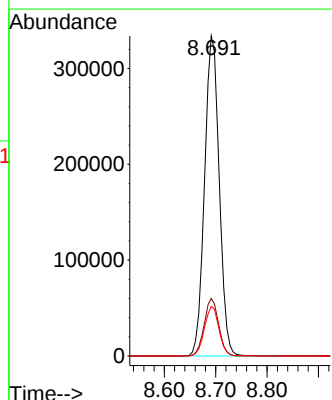
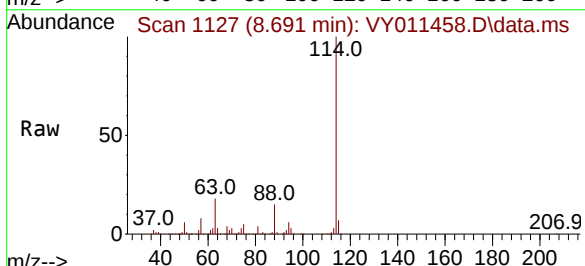
Tgt Ion: 114 Resp: 660412

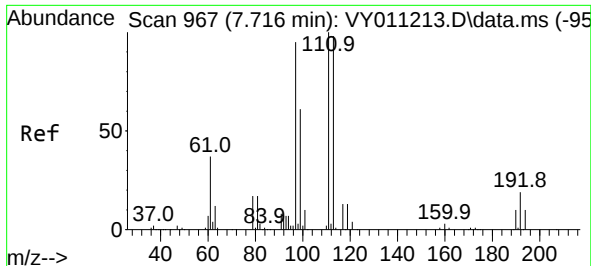
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8

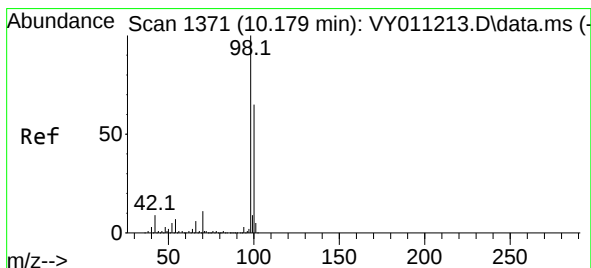
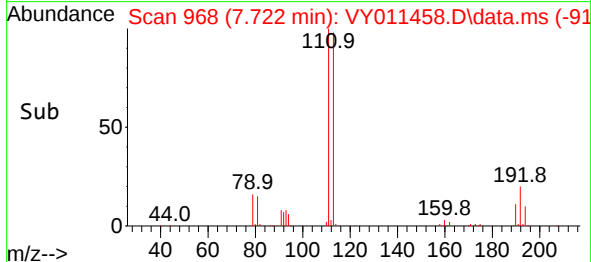
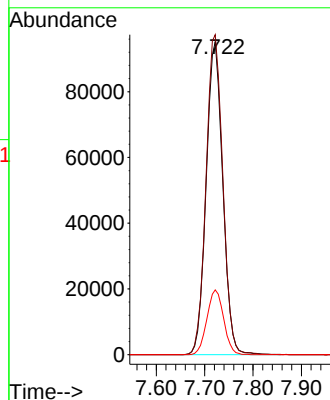
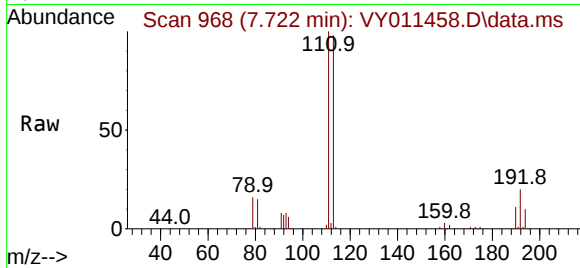




#35
Dibromofluoromethane
Concen: 61.195 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

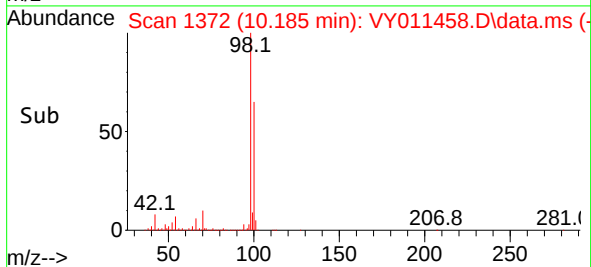
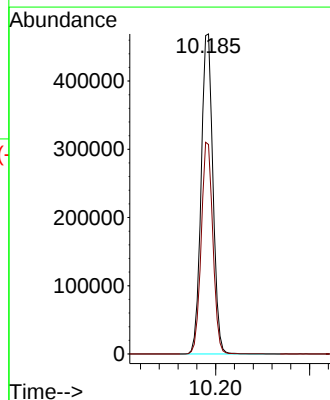
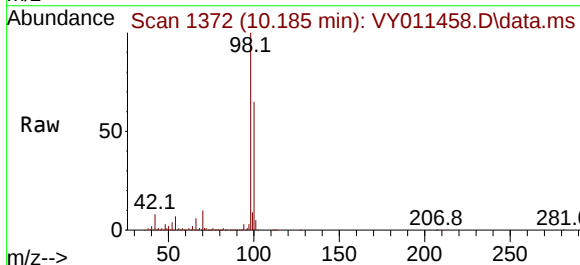
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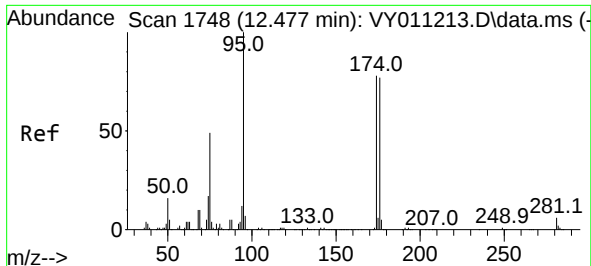
Tgt Ion:113 Resp: 226487
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 57.728 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 98 Resp: 816233
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

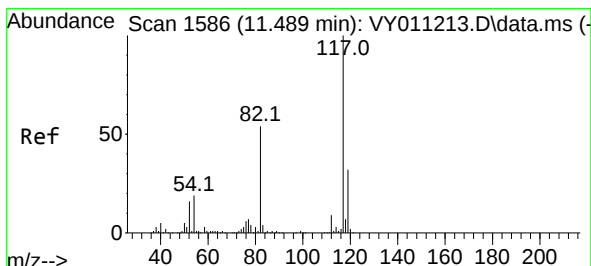
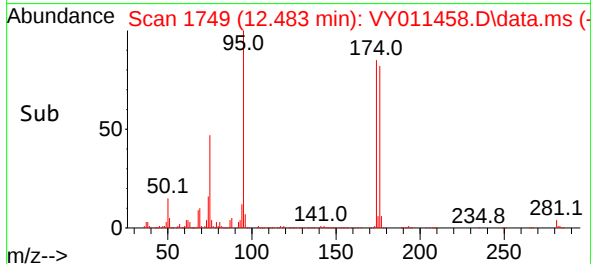
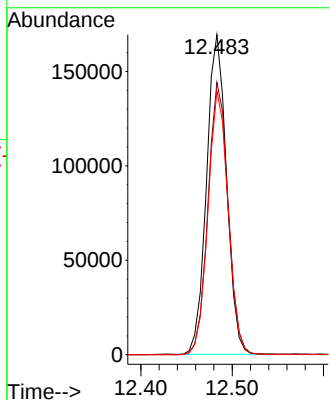
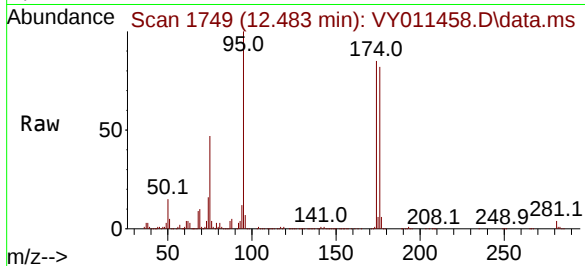




#62
4-Bromofluorobenzene
Concen: 52.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

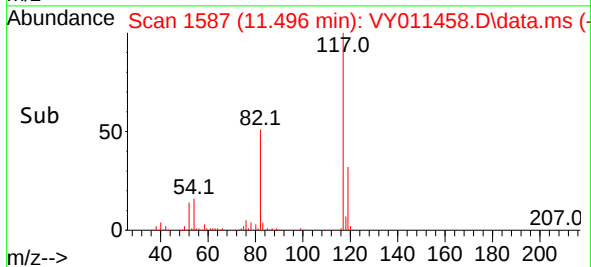
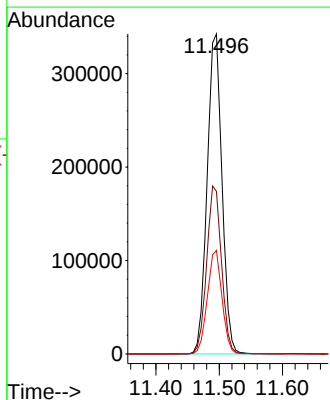
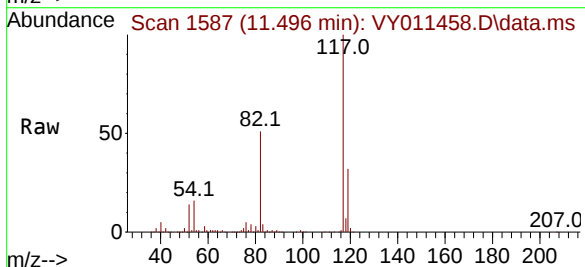
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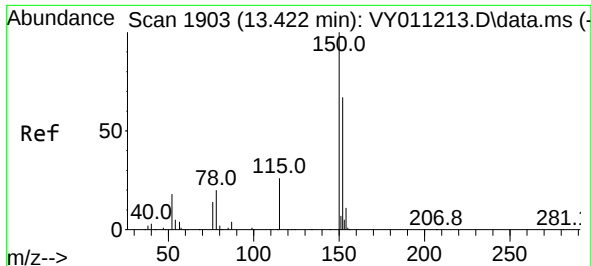
Tgt Ion: 95 Resp: 257086
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 117 Resp: 559049
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011458.D

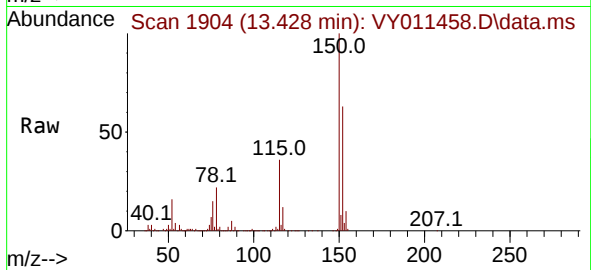
Acq: 15 Nov 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

FRAC-TANK-SLURRY-0760533



Tgt Ion:152 Resp: 230432

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 157.4 0.0 347.6

