

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011314.D
 Acq On : 04 Nov 2022 21:40
 Operator : KP/MD
 Sample : N5436-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-05

Quant Time: Nov 07 01:56:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

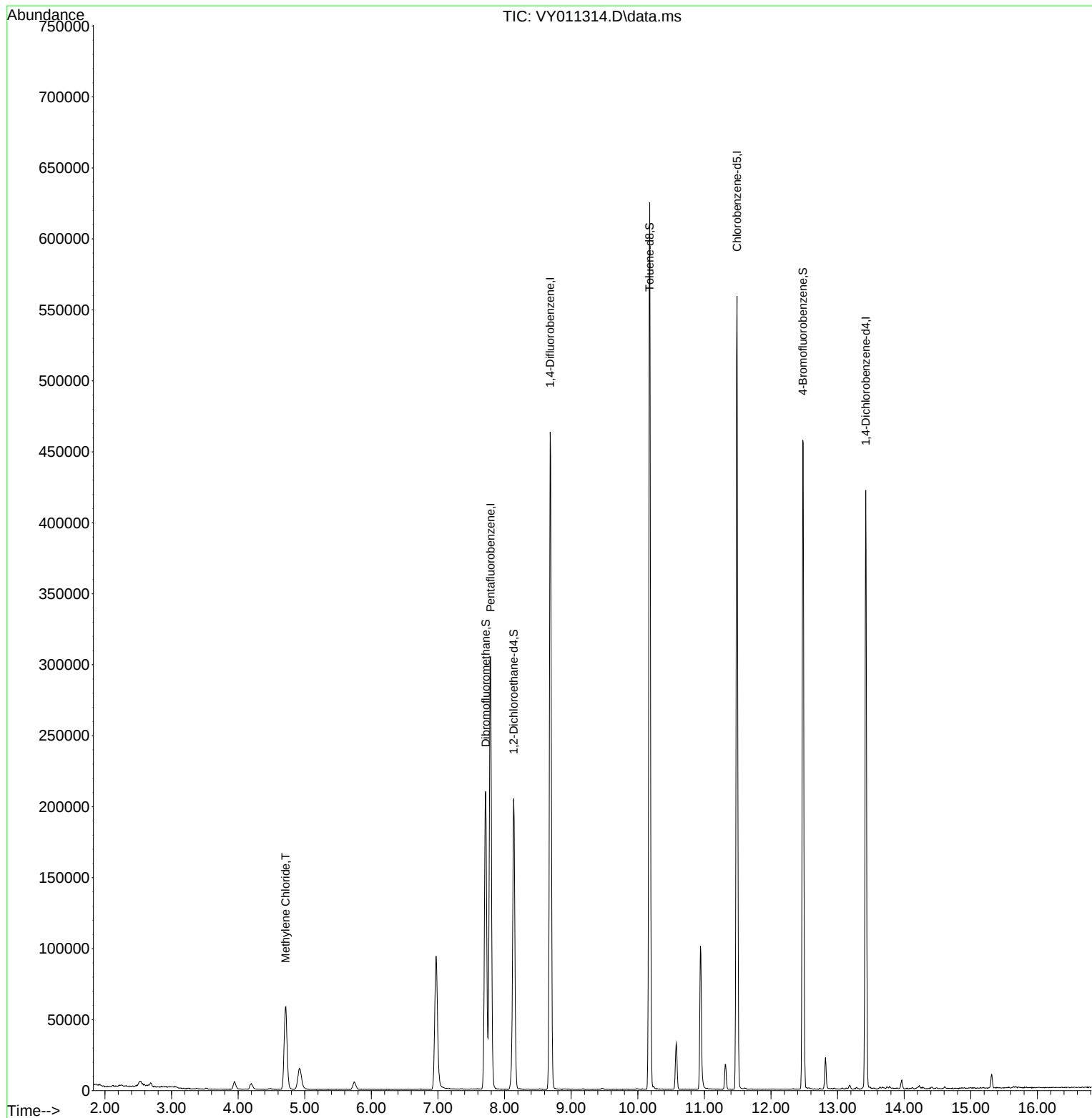
Internal Standards						
1) Pentafluorobenzene	7.789	168	245496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	151872	57.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.716	113	153432	58.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.800%
50) Toluene-d8	10.179	98	419741	41.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.000%
62) 4-Bromofluorobenzene	12.477	95	144598	41.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.380%
Target Compounds						
20) Methylene Chloride	4.710	84	46475	10.351	ug/l	Qvalue # 82

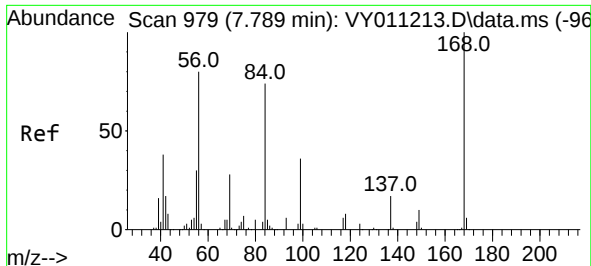
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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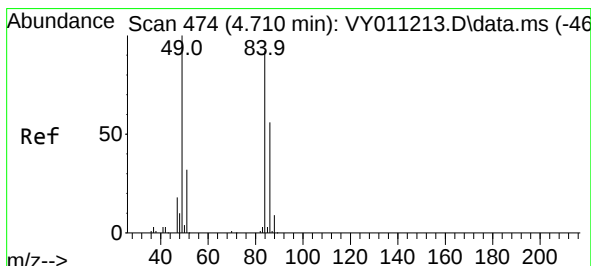
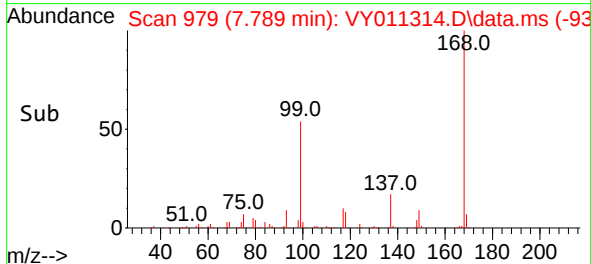
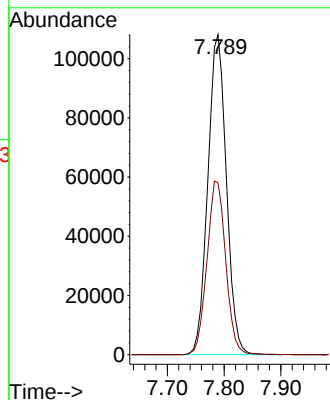
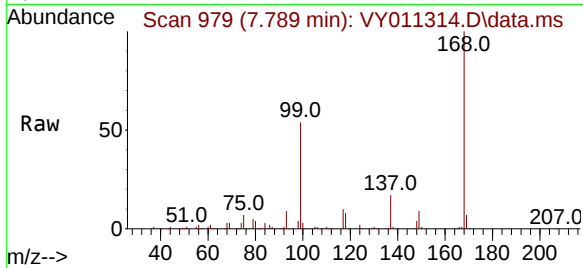




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

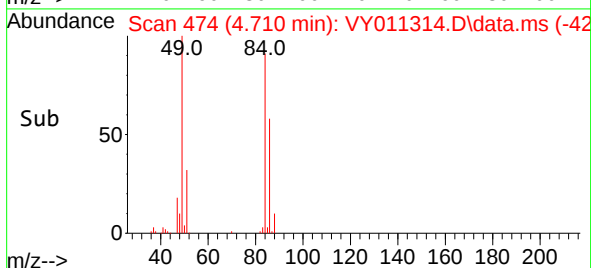
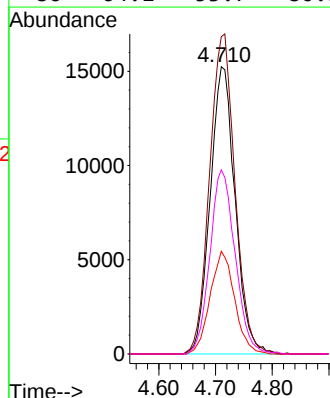
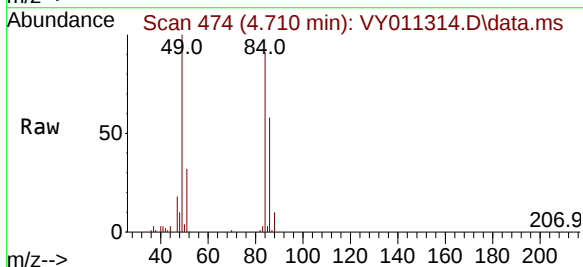
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-05

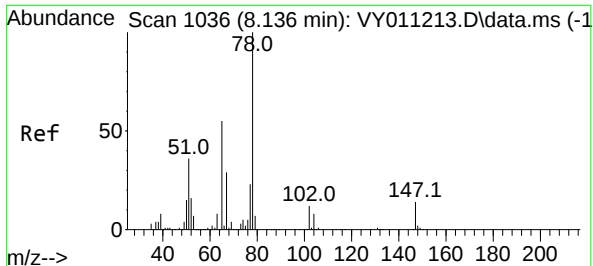
Tgt Ion:168 Resp: 245496
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#20
Methylene Chloride
Concen: 10.351 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 84 Resp: 46475
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 35.8 35.3 52.9
86 64.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.843 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011314.D

Acq: 04 Nov 2022 21:40

Instrument :

MSVOA_Y

ClientSampleId :

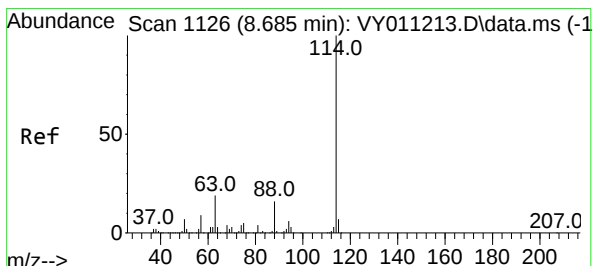
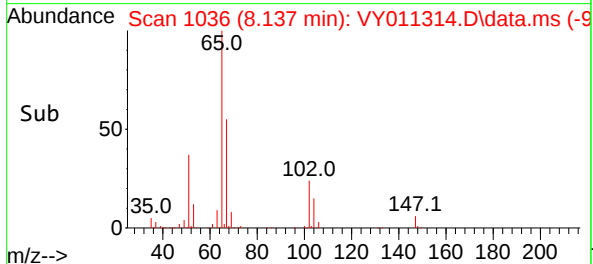
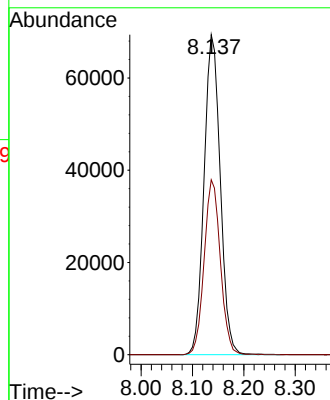
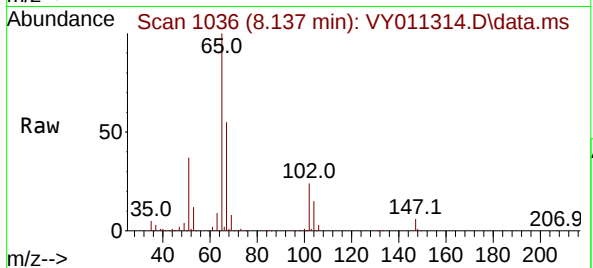
250FERRYBLVD-TFS-05

Tgt Ion: 65 Resp: 151872

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011314.D

Acq: 04 Nov 2022 21:40

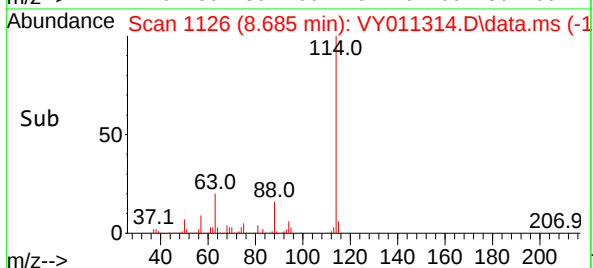
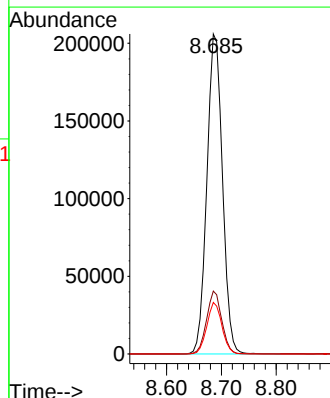
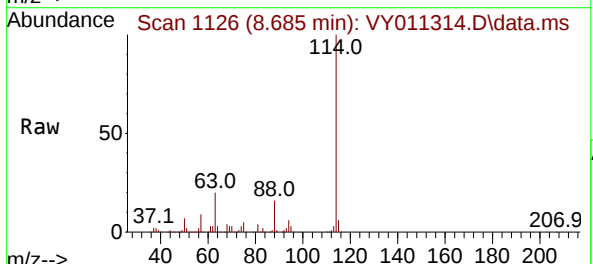
Tgt Ion: 114 Resp: 405416

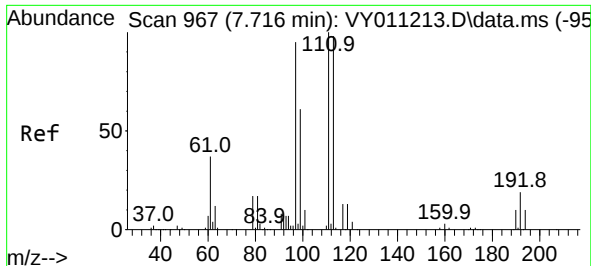
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 16.1 0.0 31.8

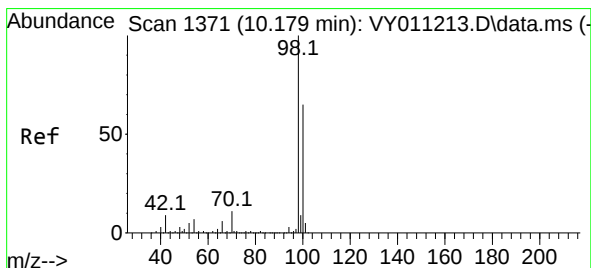
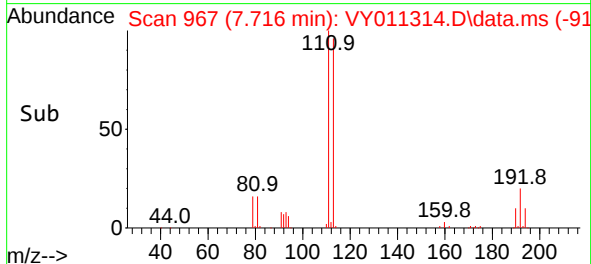
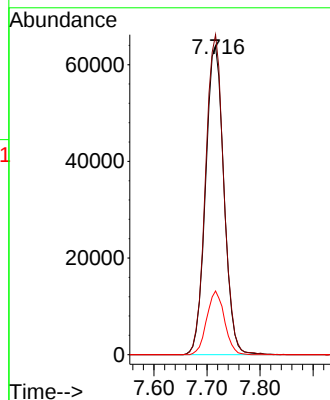
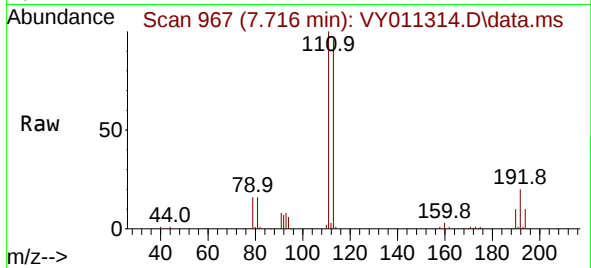




#35
Dibromofluoromethane
Concen: 58.904 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

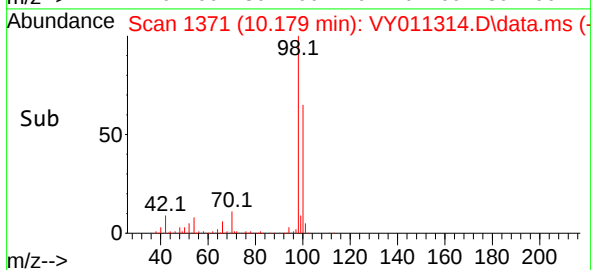
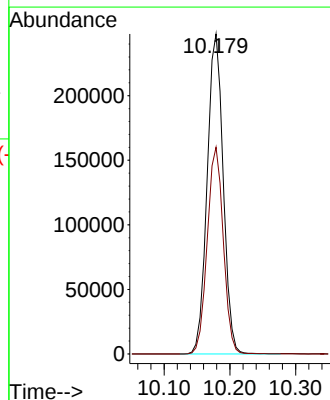
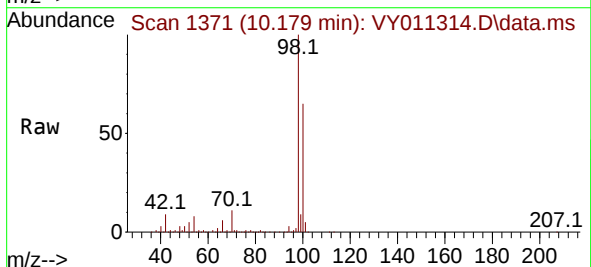
Instrument :
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250FERRYBLVD-TFS-05

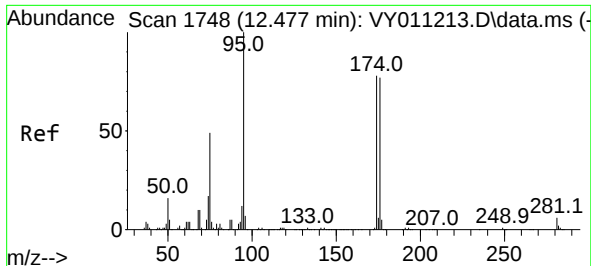
Tgt Ion:113 Resp: 153432
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 41.504 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

Tgt Ion: 98 Resp: 419741
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

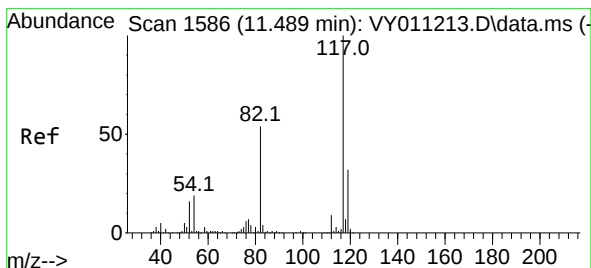
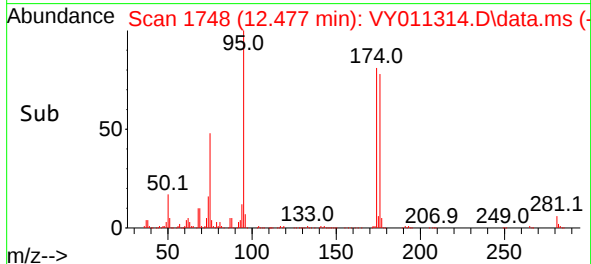
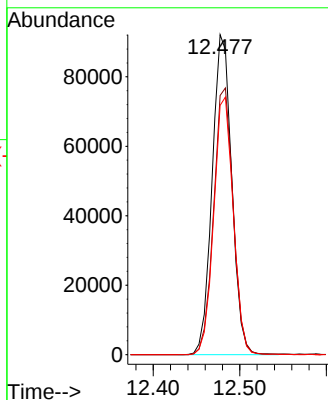
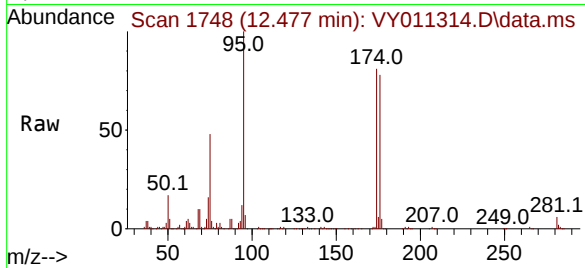




#62
4-Bromofluorobenzene
Concen: 41.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

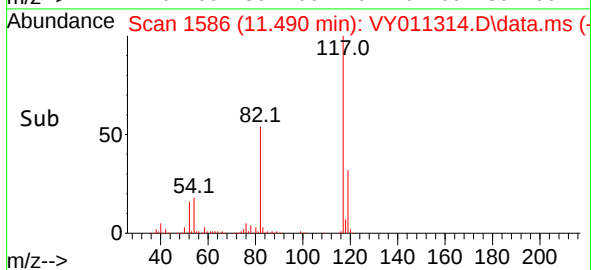
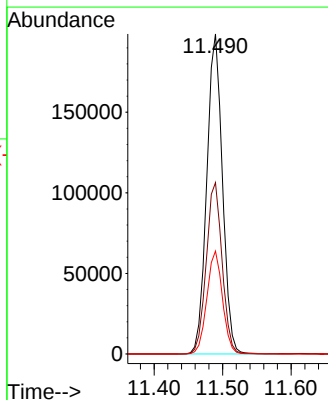
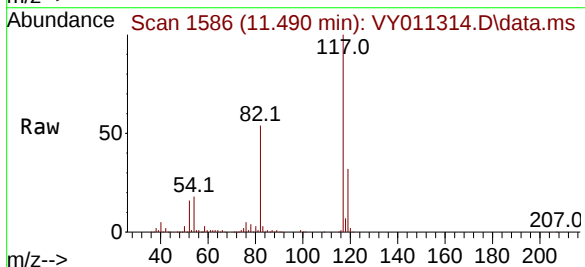
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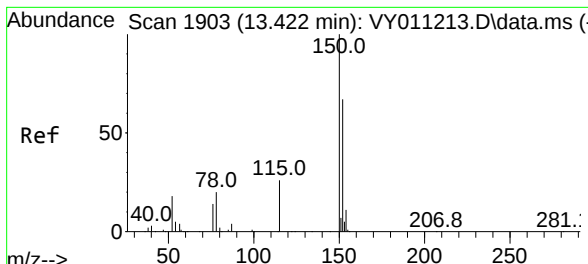
Tgt Ion: 95 Resp: 144598
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011314.D
Acq: 04 Nov 2022 21:40

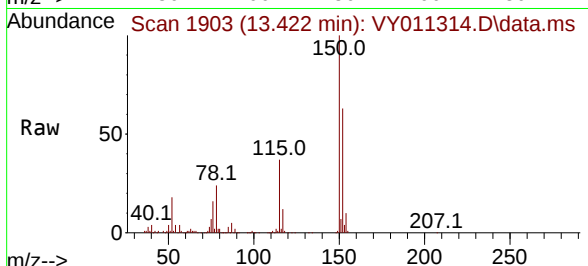
Tgt Ion: 117 Resp: 315773
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011314.D
 Acq: 04 Nov 2022 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-05



Tgt Ion:	152	Resp:	112592
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.7
150	157.0	0.0	347.6

