

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011313.D
 Acq On : 04 Nov 2022 21:18
 Operator : KP/MD
 Sample : N5436-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-04

Quant Time: Nov 07 01:55:57 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)

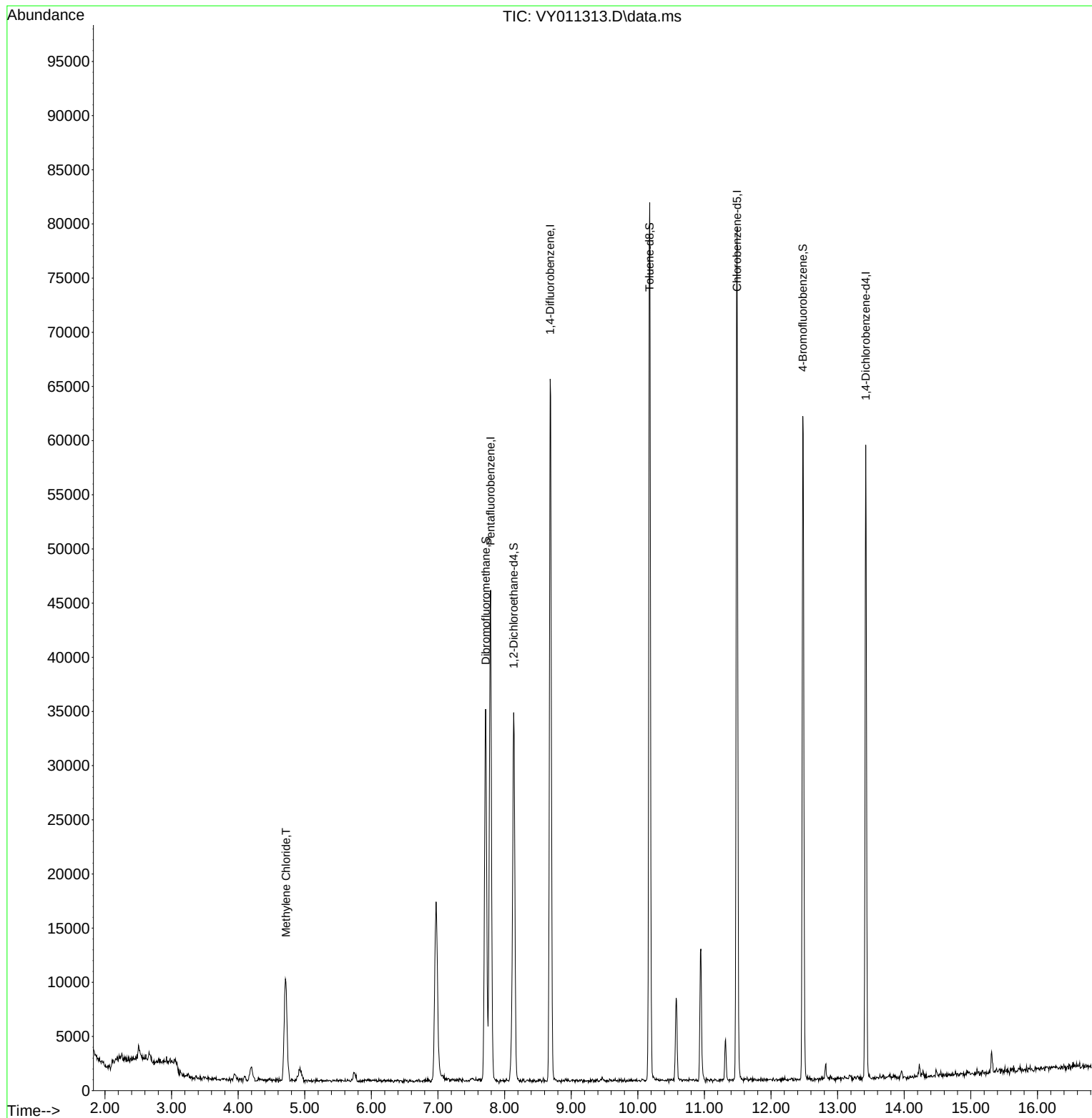
Internal Standards						
1) Pentafluorobenzene	7.789	168	35773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25411	66.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.840%
35) Dibromofluoromethane	7.716	113	24327	65.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.060%
50) Toluene-d8	10.179	98	57196	39.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.760%
62) 4-Bromofluorobenzene	12.477	95	18992	37.667	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.340%
Target Compounds						
20) Methylene Chloride	4.716	84	8004	13.250	ug/l	Qvalue # 73

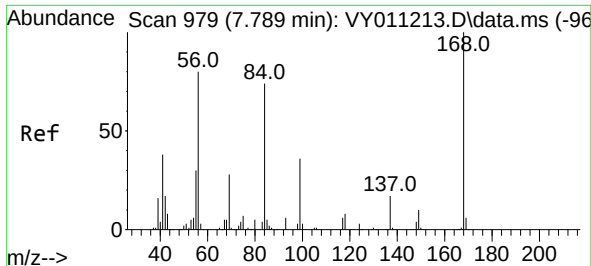
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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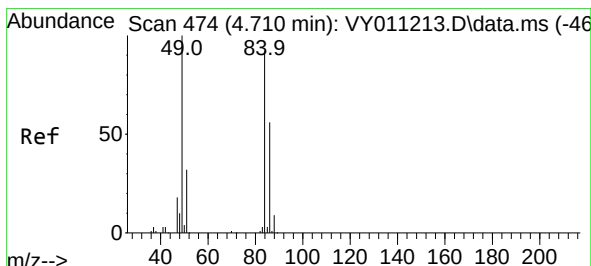
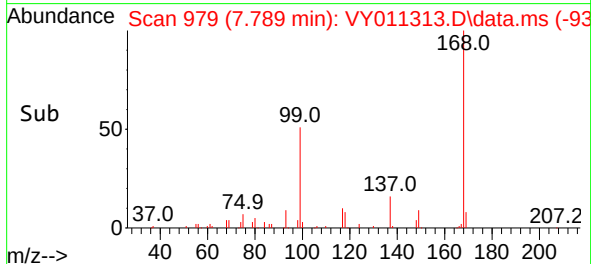
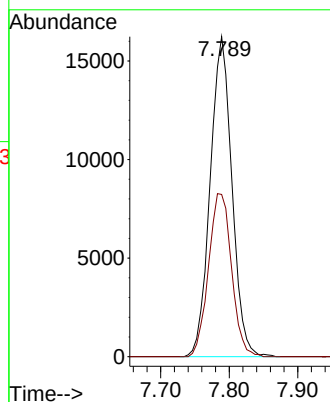
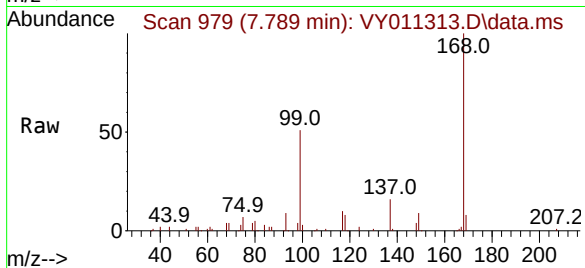




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

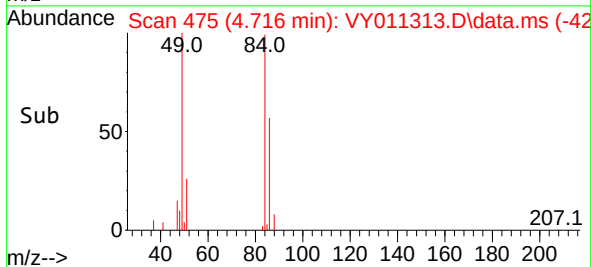
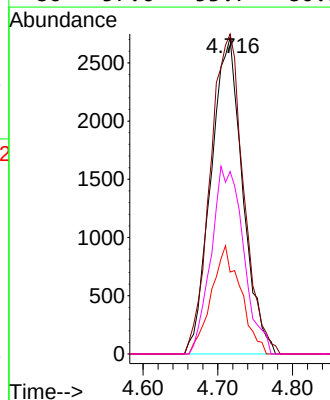
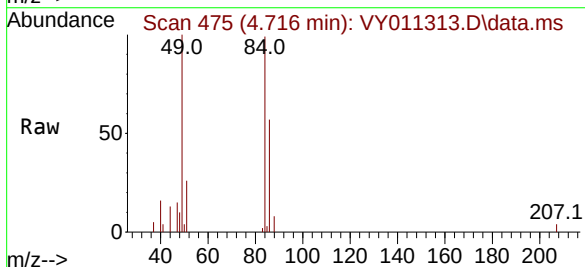
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-04

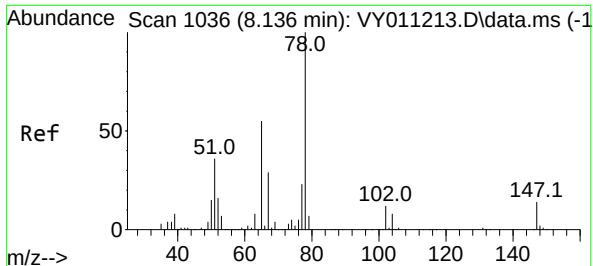
Tgt Ion:168 Resp: 35773
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#20
Methylene Chloride
Concen: 13.250 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 84 Resp: 8004
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 25.9 35.3 52.9#
86 57.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.418 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011313.D

Acq: 04 Nov 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

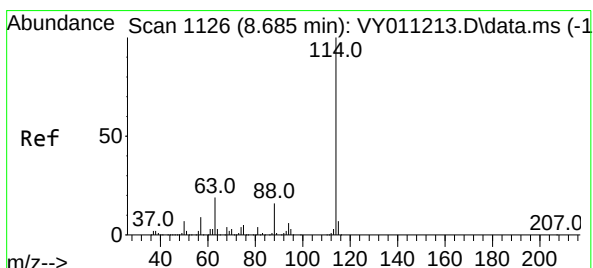
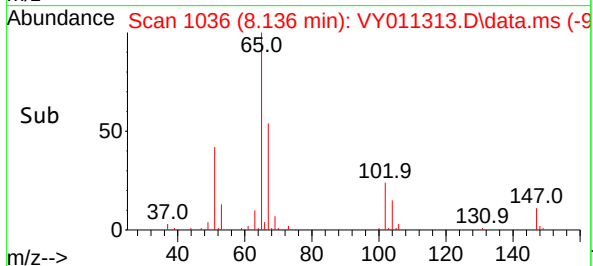
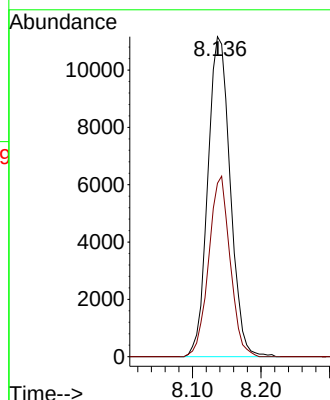
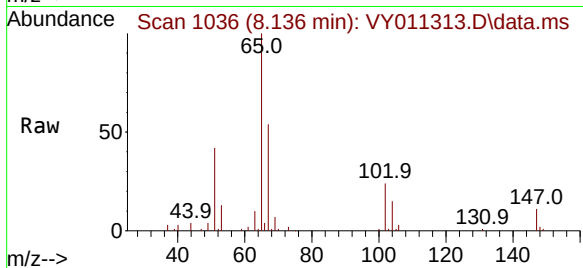
250FERRYBLVD-TFS-04

Tgt Ion: 65 Resp: 25411

Ion Ratio Lower Upper

65 100

67 53.9 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: VY011313.D

Acq: 04 Nov 2022 21:18

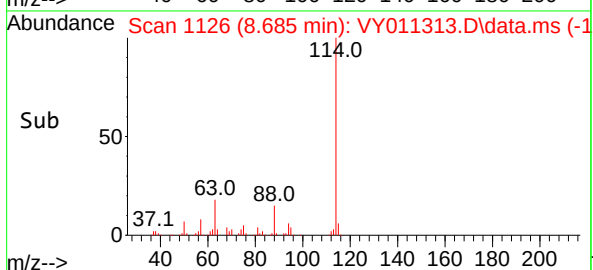
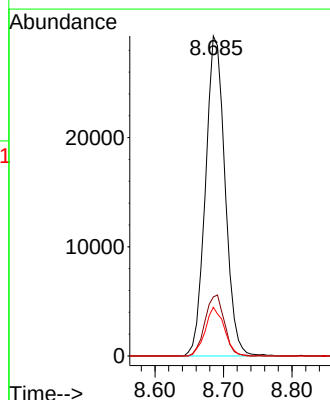
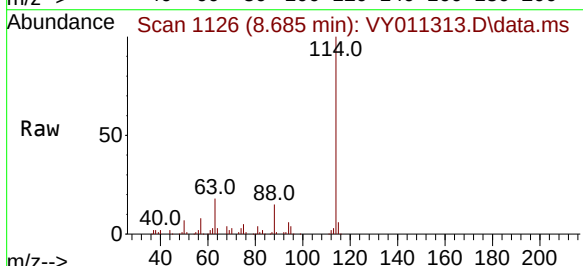
Tgt Ion: 114 Resp: 58222

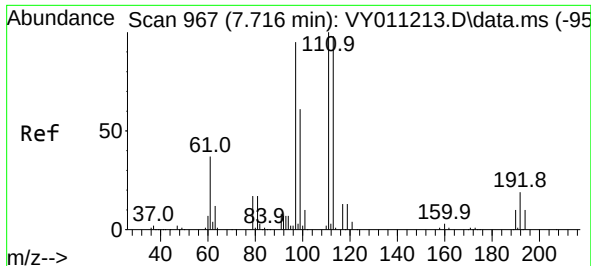
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.2 0.0 31.8

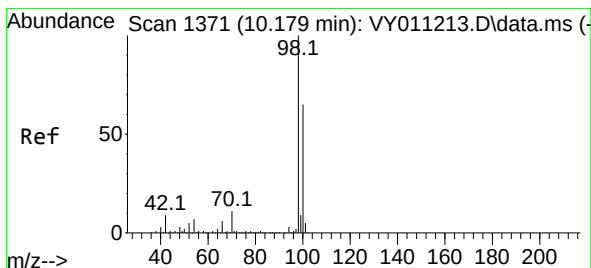
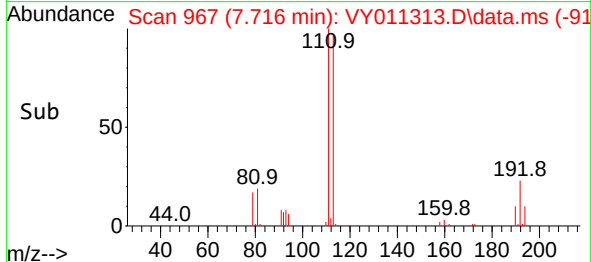
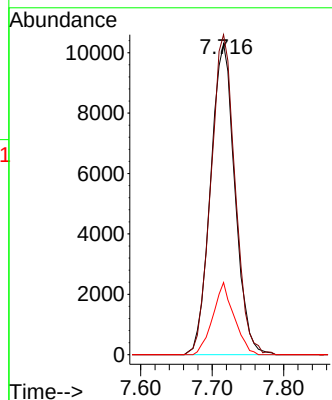
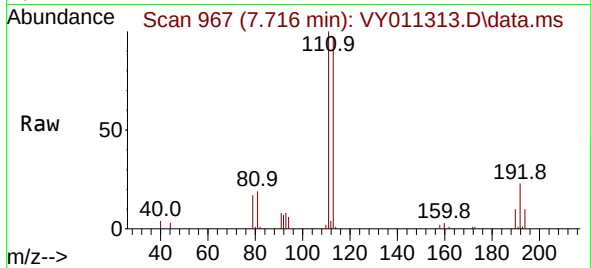




#35
Dibromofluoromethane
Concen: 65.033 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

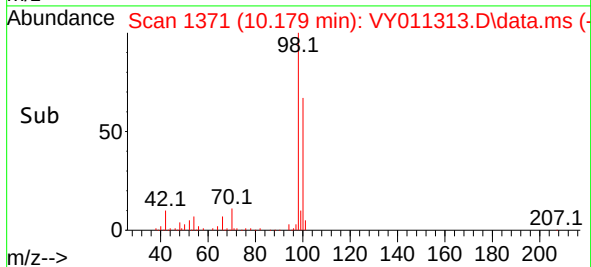
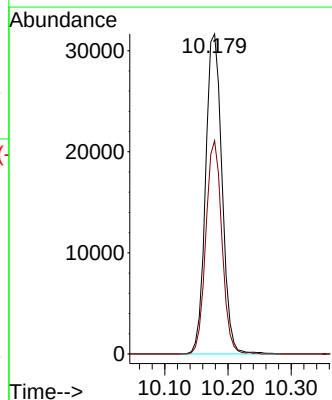
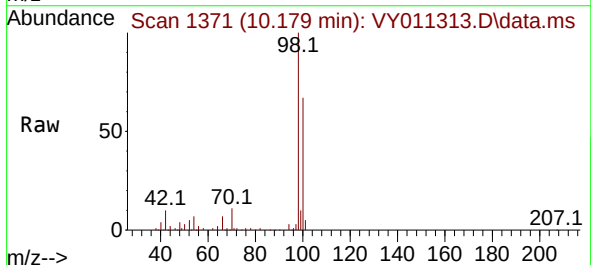
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-04

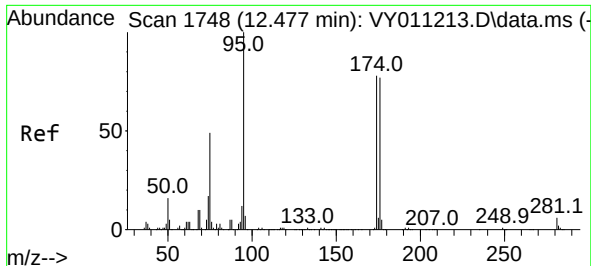
Tgt Ion:113 Resp: 24327
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.3 17.6 26.4



#50
Toluene-d8
Concen: 39.381 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 98 Resp: 57196
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

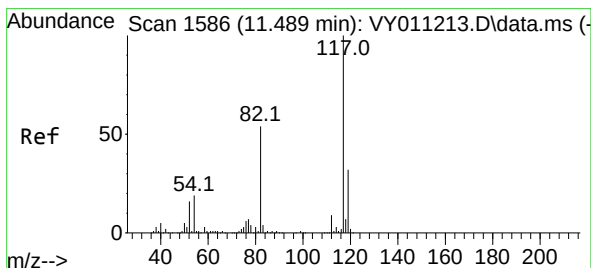
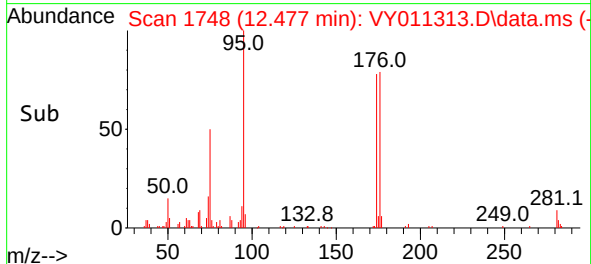
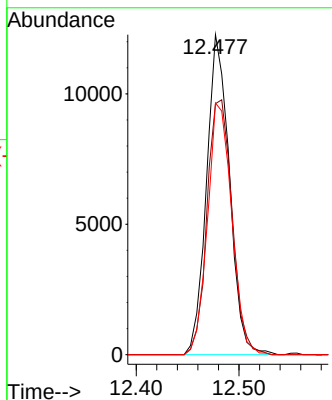
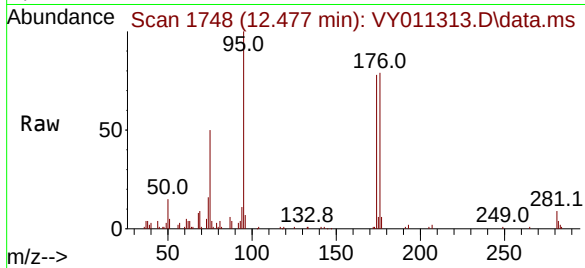




#62
4-Bromofluorobenzene
Concen: 37.667 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

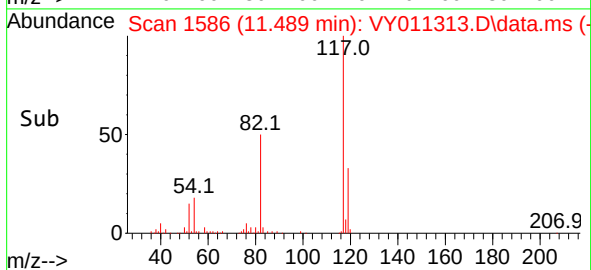
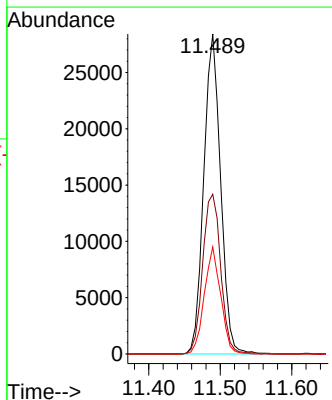
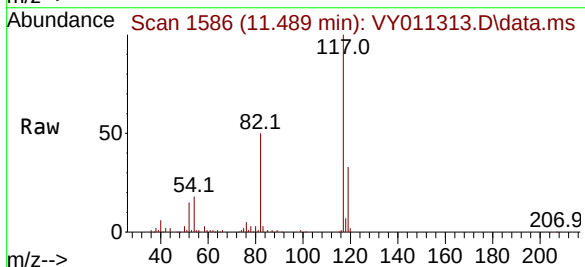
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-04

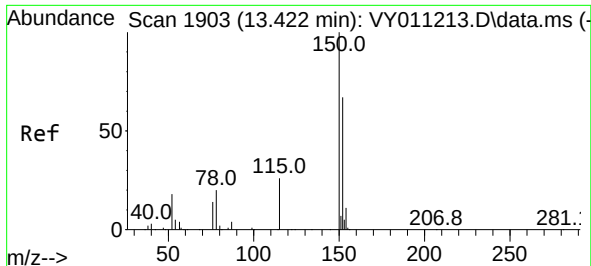
Tgt Ion:	95	Resp:	18992
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	177.0
176	83.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion:	117	Resp:	46511
Ion Ratio	Lower	Upper	
117	100		
82	49.9	43.0	64.4
119	33.4	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: VY011313.D

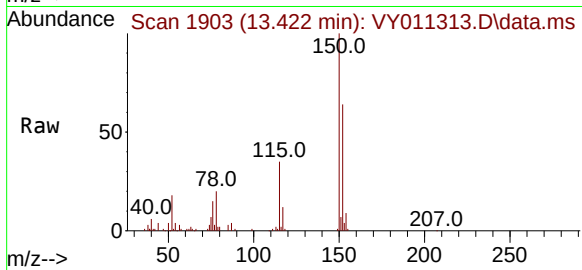
Acq: 04 Nov 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-04



Tgt Ion:152 Resp: 15704

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 160.4 0.0 347.6

