

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011367.D
 Acq On : 08 Nov 2022 17:11
 Operator : KP/MD
 Sample : N5436-13
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-13

Quant Time: Nov 09 03:33:43 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)

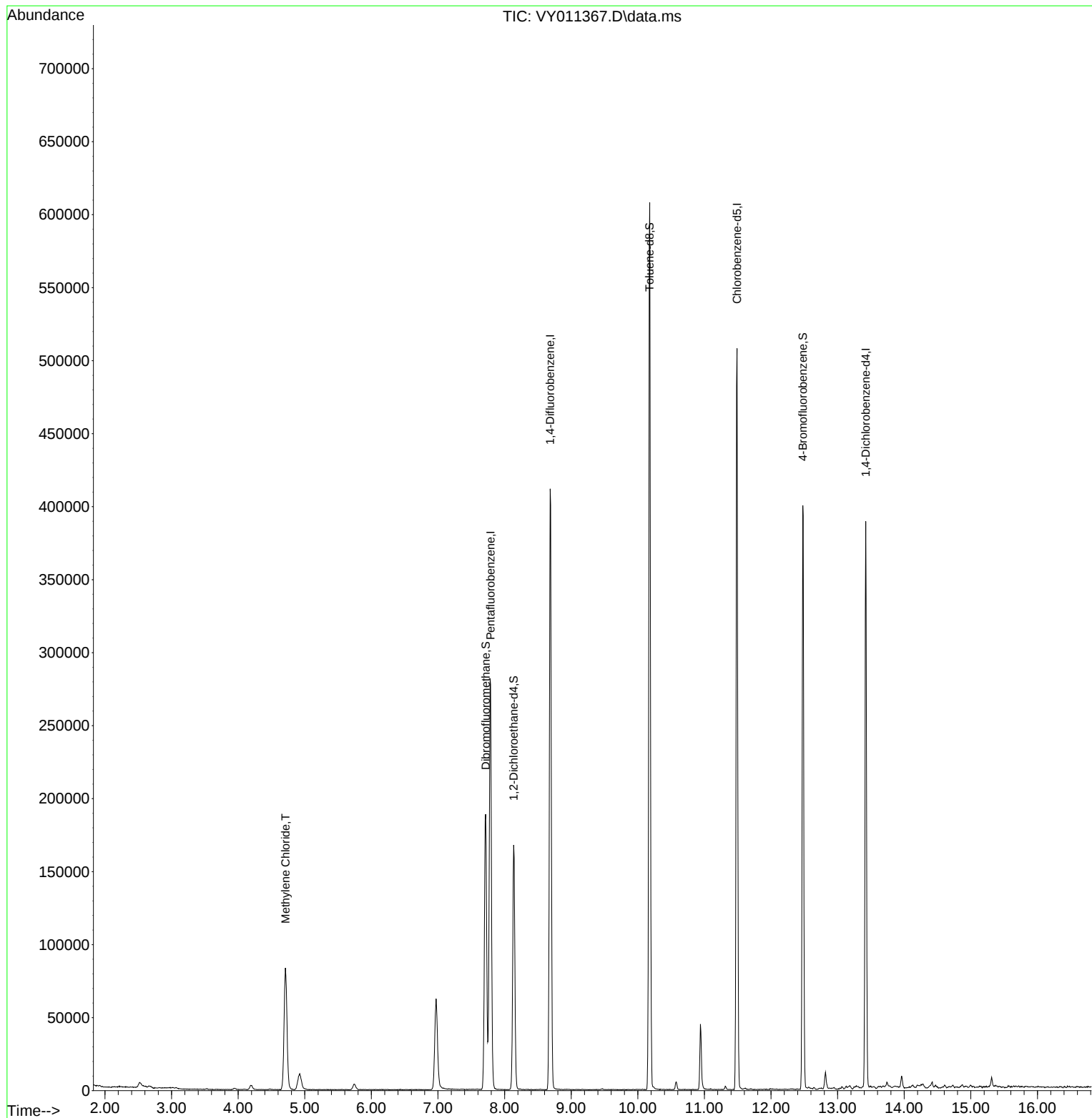
Internal Standards						
1) Pentafluorobenzene	7.789	168	228319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128998	52.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.660%
35) Dibromofluoromethane	7.716	113	138861	58.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.060%
50) Toluene-d8	10.179	98	415516	44.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.440%
62) 4-Bromofluorobenzene	12.477	95	126344	39.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.340%
Target Compounds						
20) Methylene Chloride	4.710	84	68280	19.592	ug/l	Qvalue # 80

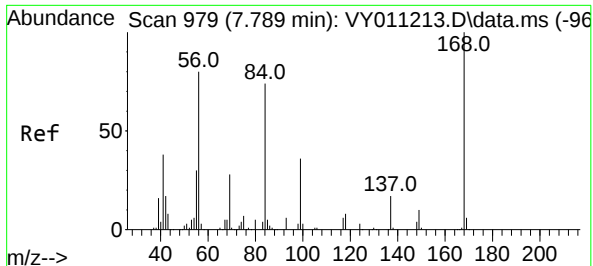
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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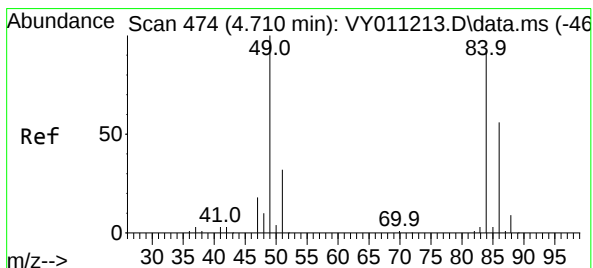
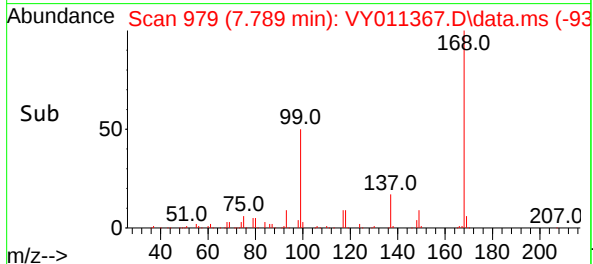
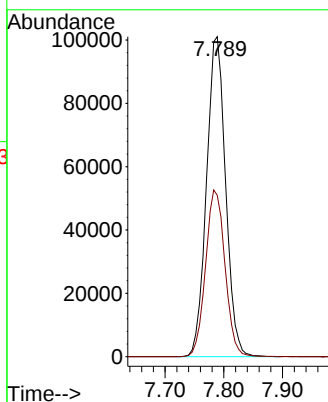
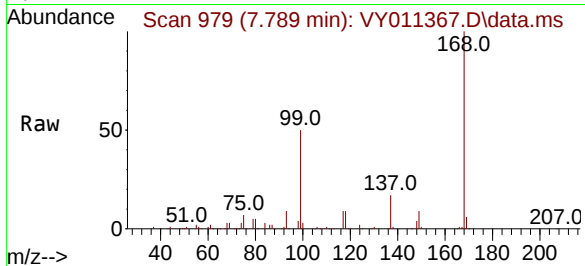




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

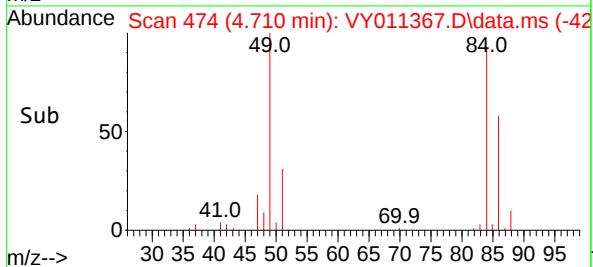
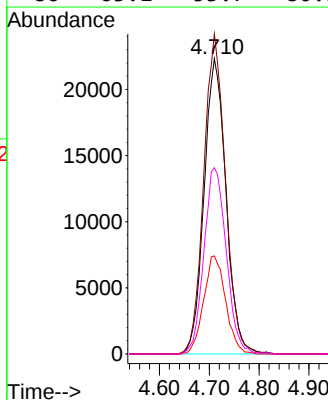
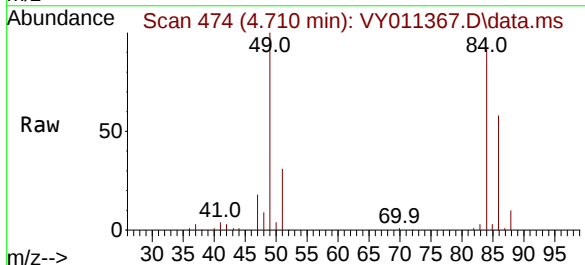
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-13

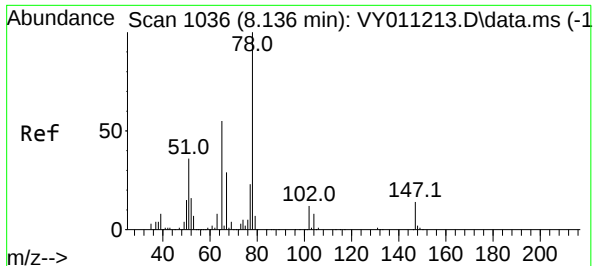
Tgt Ion:168 Resp: 228319
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#20
Methylene Chloride
Concen: 19.592 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 84 Resp: 68280
Ion Ratio Lower Upper
84 100
49 108.4 114.4 171.6#
51 33.2 35.3 52.9#
86 63.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.827 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY011367.D

Acq: 08 Nov 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

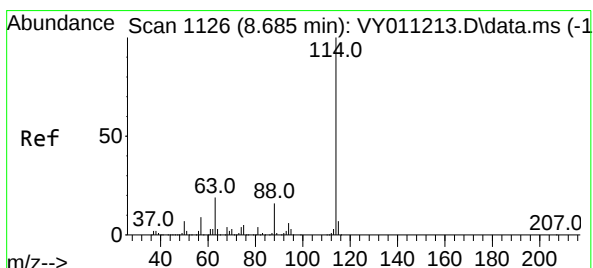
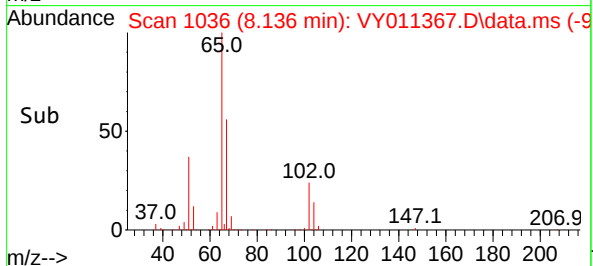
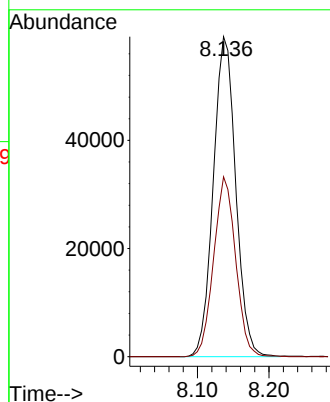
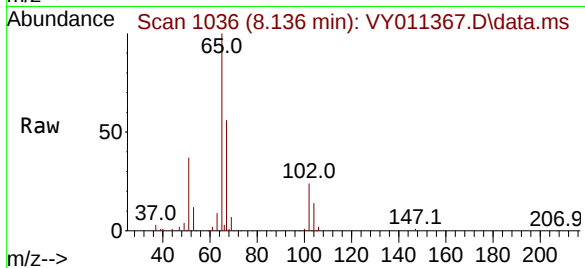
250FERRYBLVD-TFS-13

Tgt Ion: 65 Resp: 128998

Ion Ratio Lower Upper

65 100

67 55.1 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: VY011367.D

Acq: 08 Nov 2022 17:11

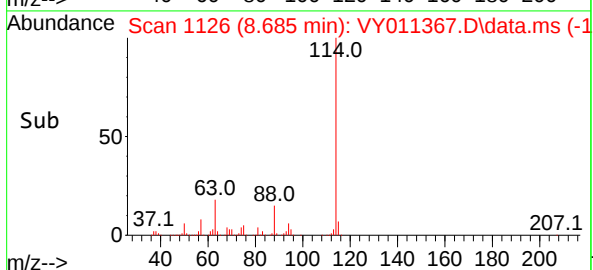
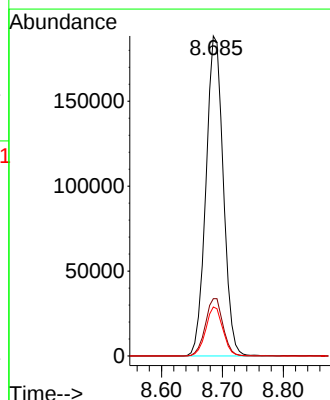
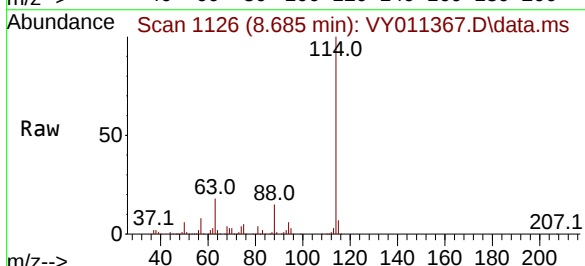
Tgt Ion:114 Resp: 372459

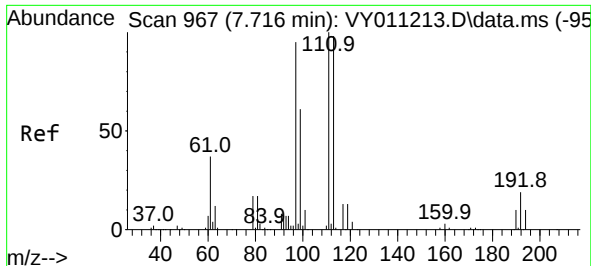
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.3 0.0 31.8

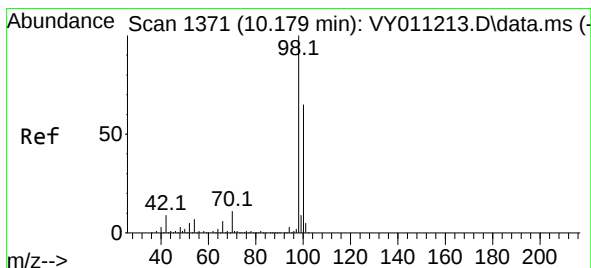
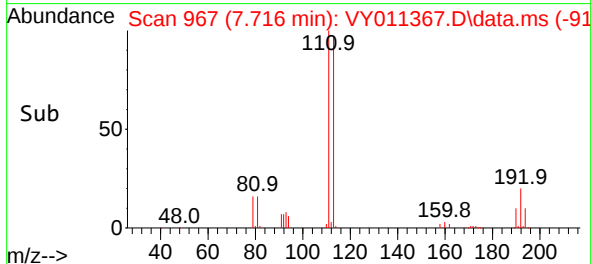
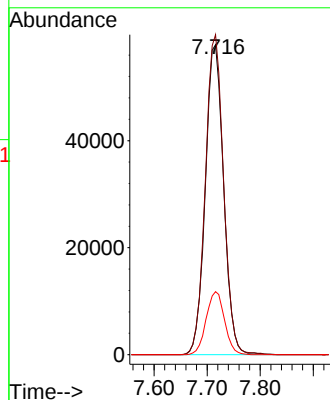
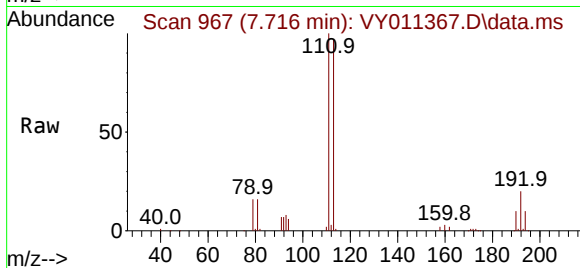




#35
Dibromofluoromethane
Concen: 58.027 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

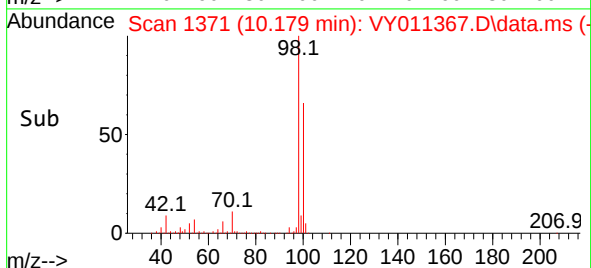
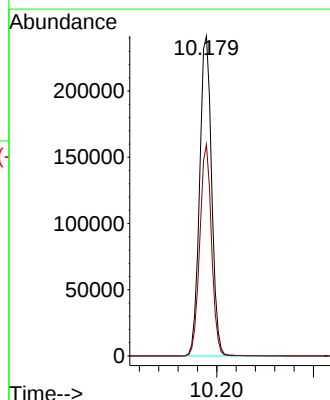
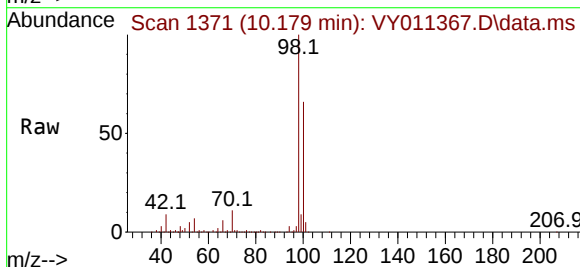
Instrument :
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250FERRYBLVD-TFS-13

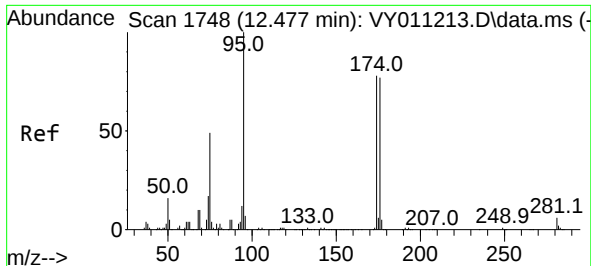
Tgt Ion:113 Resp: 138861
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 44.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 98 Resp: 415516
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

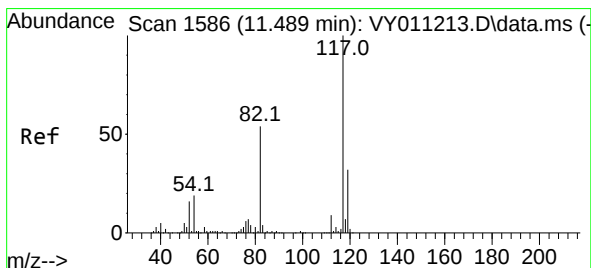
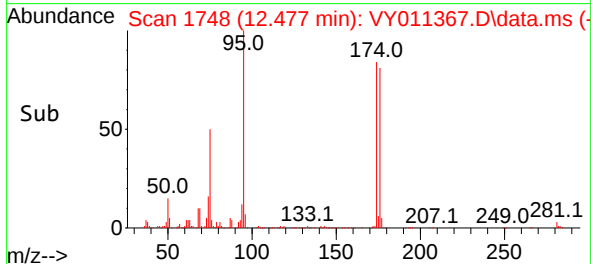
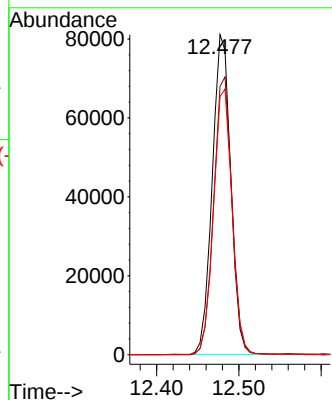
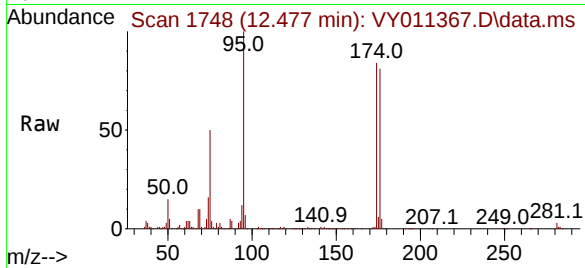




#62
4-Bromofluorobenzene
Concen: 39.170 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

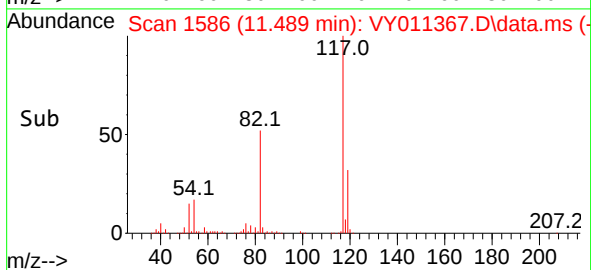
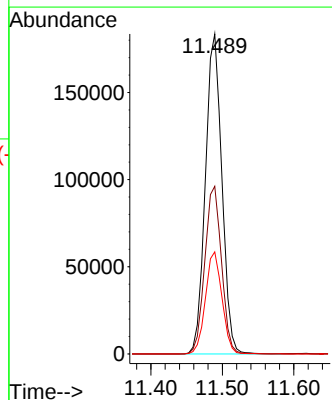
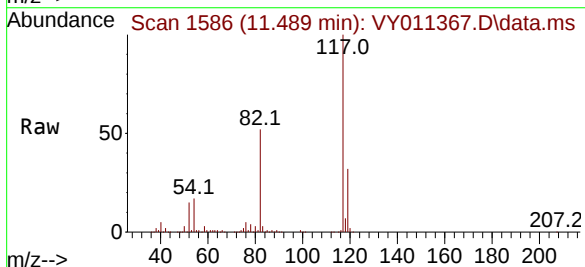
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250FERRYBLVD-TFS-13

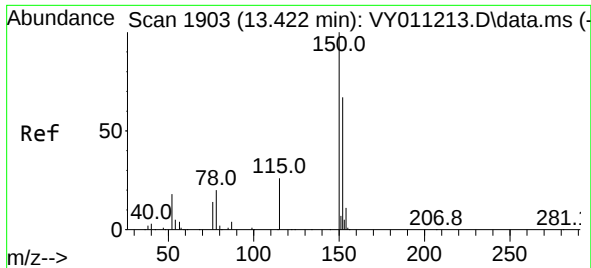
Tgt Ion: 95 Resp: 126344
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011367.D
Acq: 08 Nov 2022 17:11

Tgt Ion: 117 Resp: 294173
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.9 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: VY011367.D
 Acq: 08 Nov 2022 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-13

Tgt Ion:152 Resp: 105577
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 157.5 0.0 347.6

