

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011372.D
 Acq On : 08 Nov 2022 19:05
 Operator : KP/MD
 Sample : N5436-02RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-02RE

Quant Time: Nov 09 03:35:08 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)

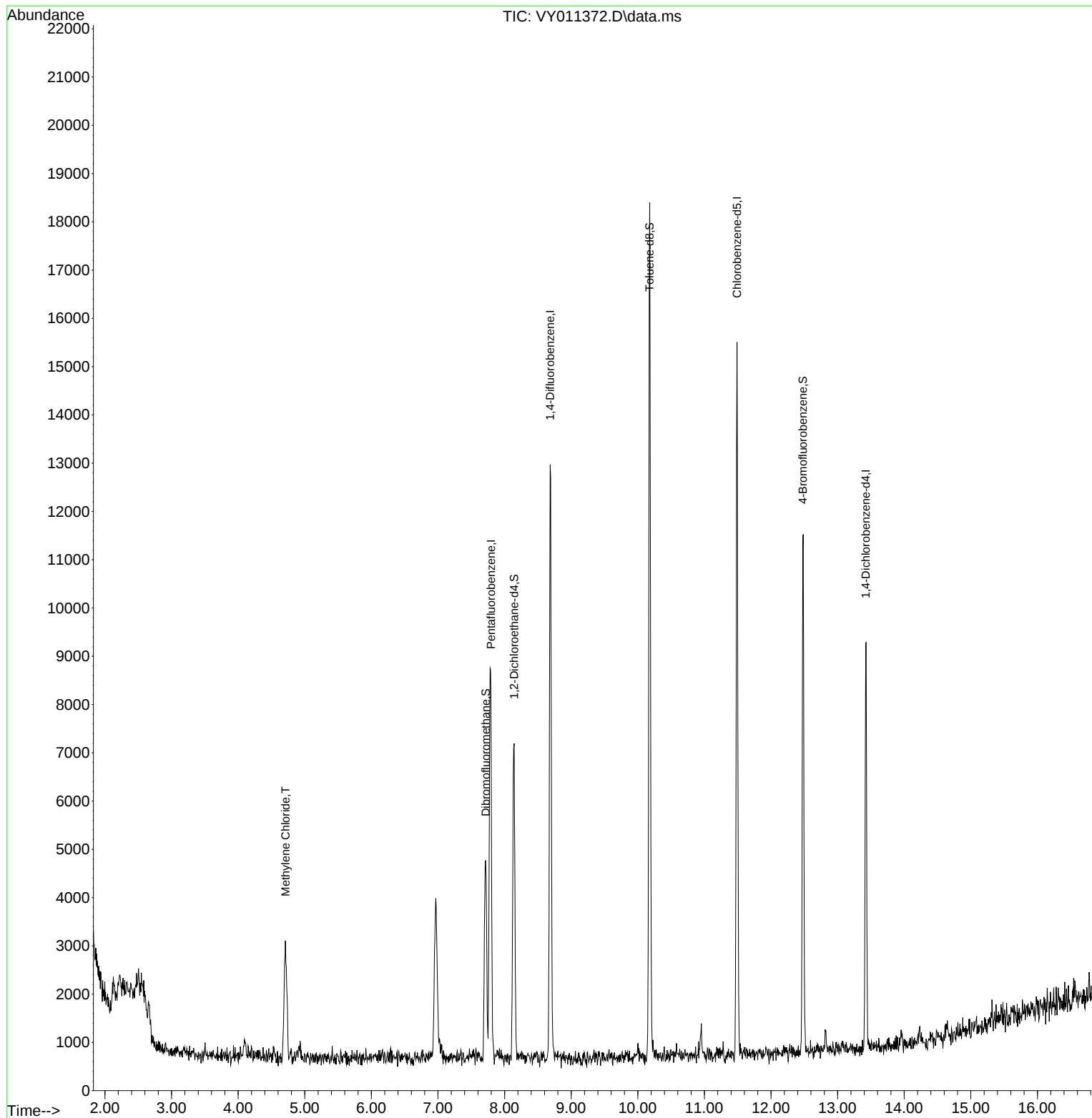
Internal Standards						
1) Pentafluorobenzene	7.795	168	7296	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	11801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5316	68.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.260%
35) Dibromofluoromethane	7.715	113	3342	44.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.178	98	13077	44.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.477	95	3749	36.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.360%
Target Compounds						
20) Methylene Chloride	4.710	84	1960	17.031	ug/l	# 72

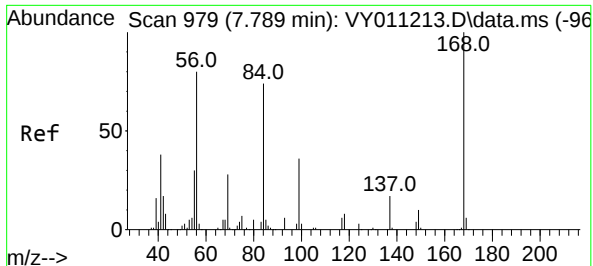
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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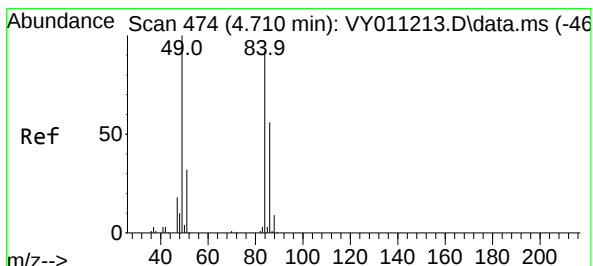
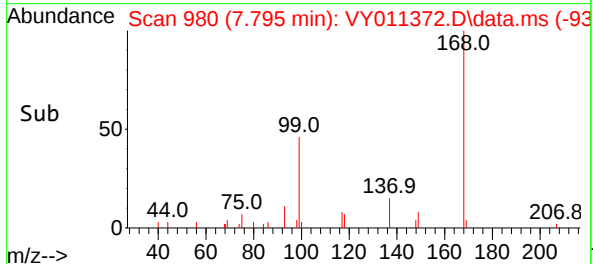
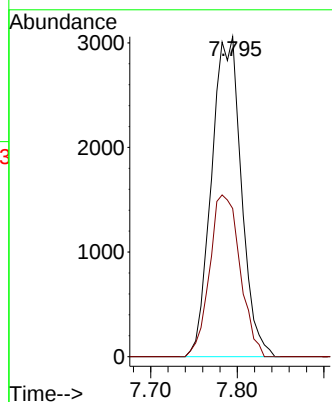
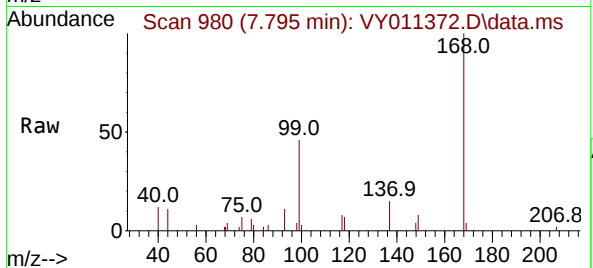




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011372.D
Acq: 08 Nov 2022 19:05

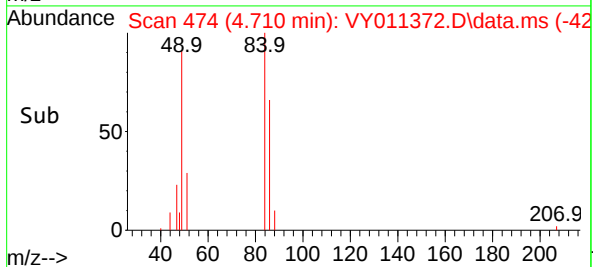
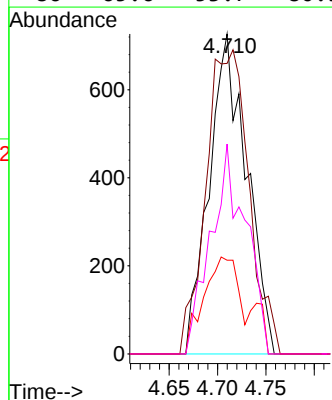
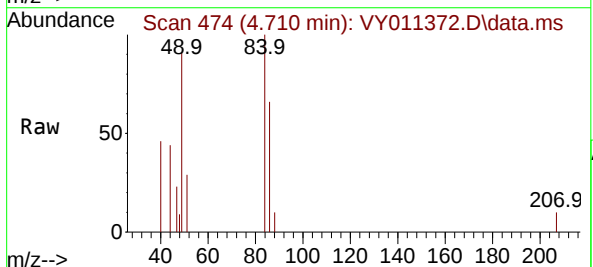
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-02RE

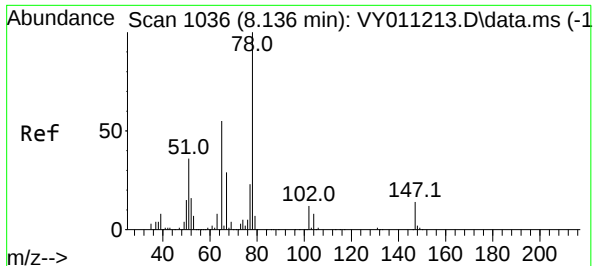
Tgt Ion:168 Resp: 7296
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#20
Methylene Chloride
Concen: 17.031 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY011372.D
Acq: 08 Nov 2022 19:05

Tgt Ion: 84 Resp: 1960
Ion Ratio Lower Upper
84 100
49 90.8 114.4 171.6#
51 29.3 35.3 52.9#
86 65.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 68.127 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011372.D

Acq: 08 Nov 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

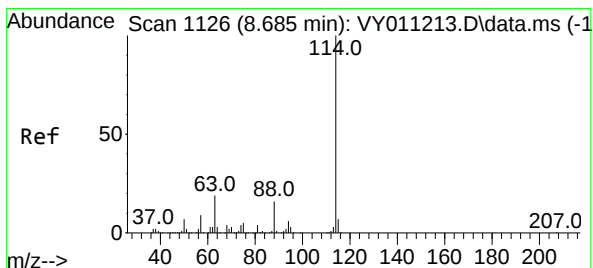
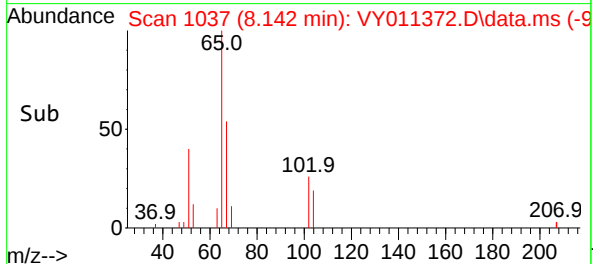
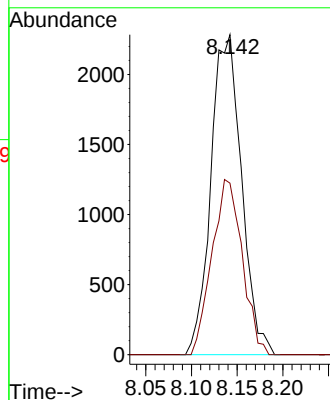
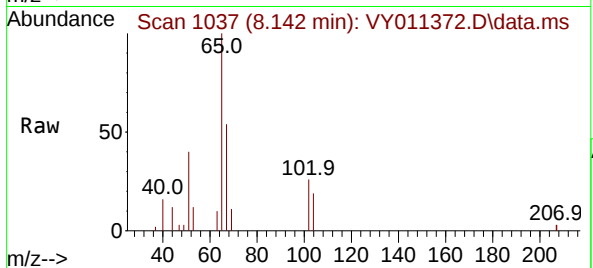
250FERRYBLVD-TFS-02RE

Tgt Ion: 65 Resp: 5316

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011372.D

Acq: 08 Nov 2022 19:05

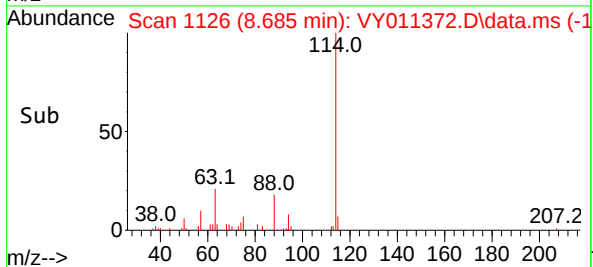
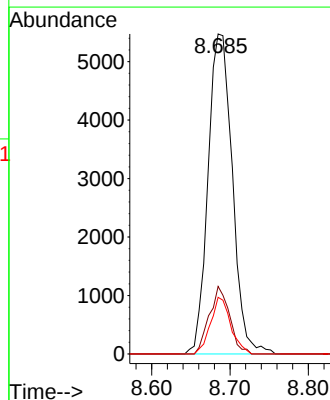
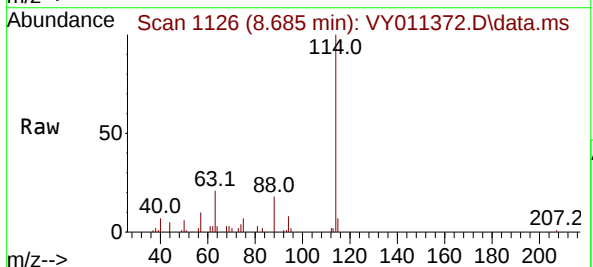
Tgt Ion: 114 Resp: 11801

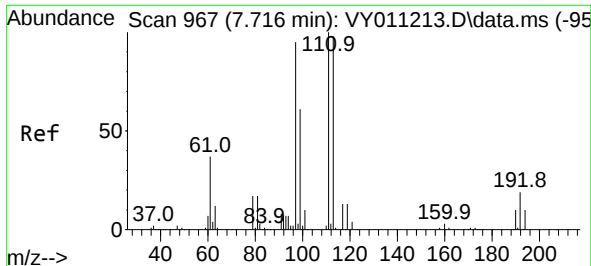
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 17.7 0.0 31.8



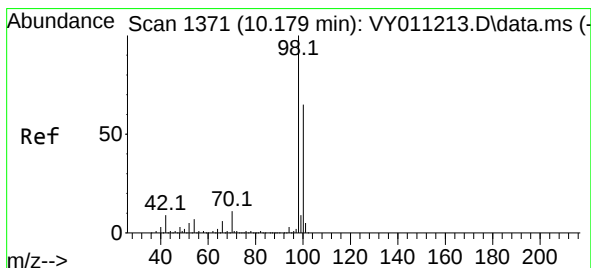
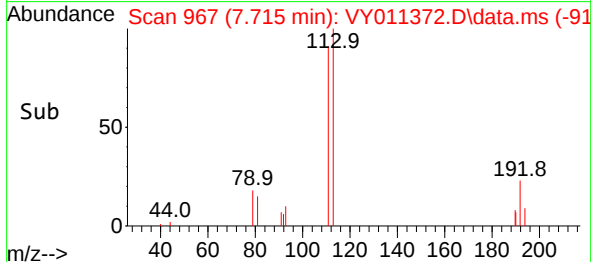
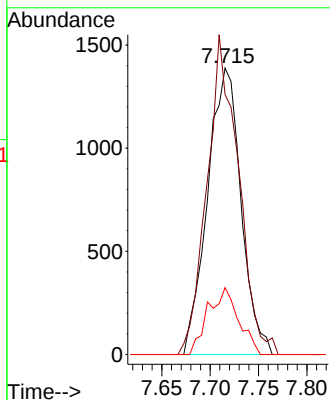
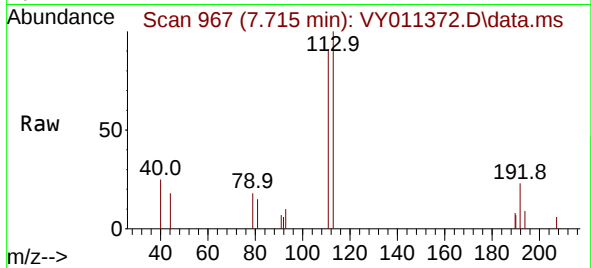


#35
 Dibromofluoromethane
 Concen: 44.078 ug/l
 RT: 7.715 min Scan# 90
 Delta R.T. 0.005 min
 Lab File: VY011372.D
 Acq: 08 Nov 2022 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-02RE

Tgt Ion:113 Resp: 3342

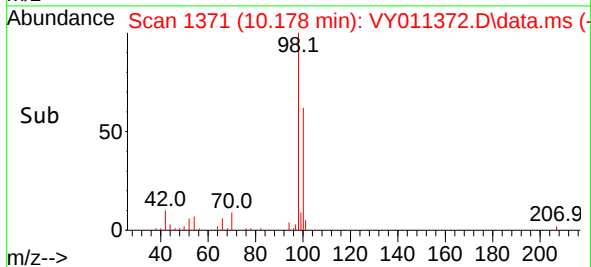
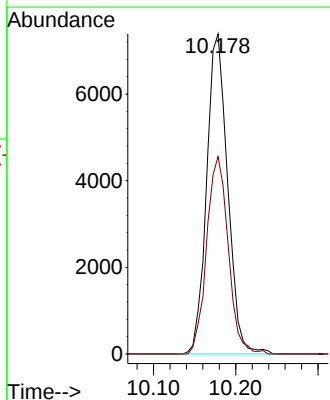
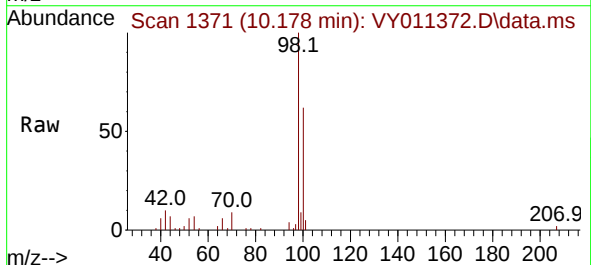
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	124.0
192	21.3	17.6	26.4

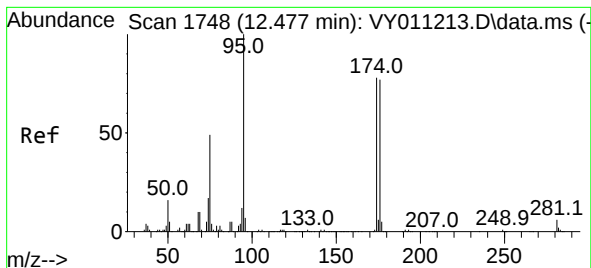


#50
 Toluene-d8
 Concen: 44.422 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011372.D
 Acq: 08 Nov 2022 19:05

Tgt Ion: 98 Resp: 13077

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.2	75.2

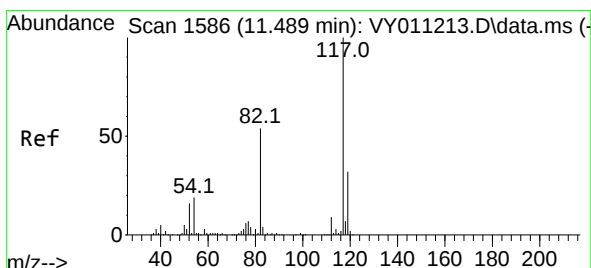
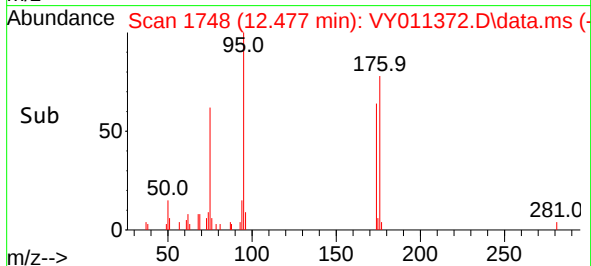
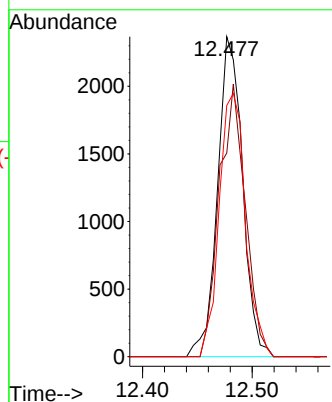
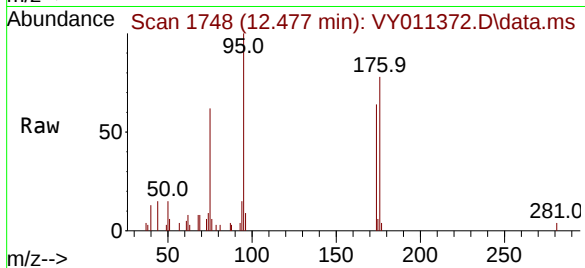




#62
4-Bromofluorobenzene
Concen: 36.684 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011372.D
Acq: 08 Nov 2022 19:05

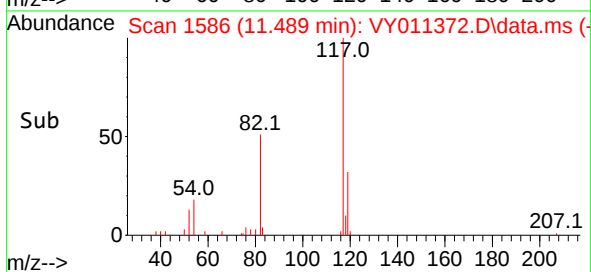
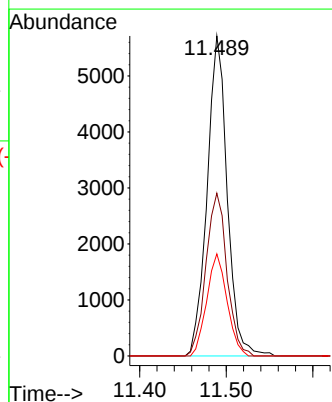
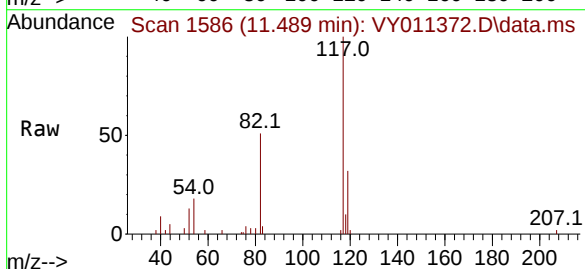
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-02RE

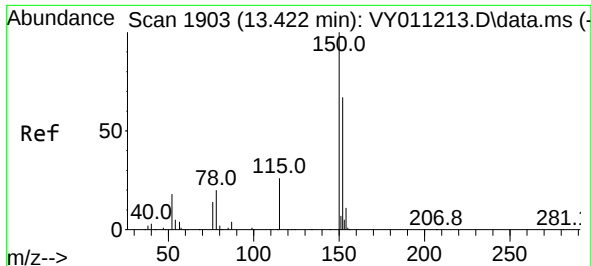
Tgt Ion: 95 Resp: 3749
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011372.D
Acq: 08 Nov 2022 19:05

Tgt Ion: 117 Resp: 9225
Ion Ratio Lower Upper
117 100
82 50.9 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: VY011372.D

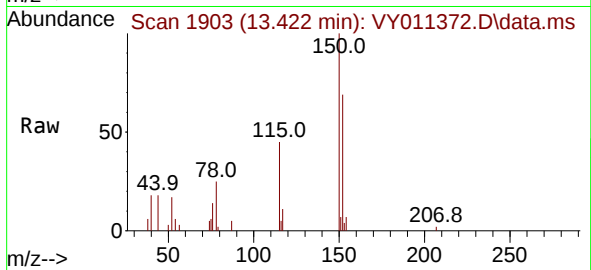
Acq: 08 Nov 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

250FERRYBLVD-TFS-02RE



Tgt Ion:152 Resp: 2698

Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 160.7 0.0 347.6

