

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006836.D
 Acq On : 19 Nov 2021 17:31
 Operator : SY/MD
 Sample : M4758-25
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP13

Quant Time: Nov 22 03:20:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

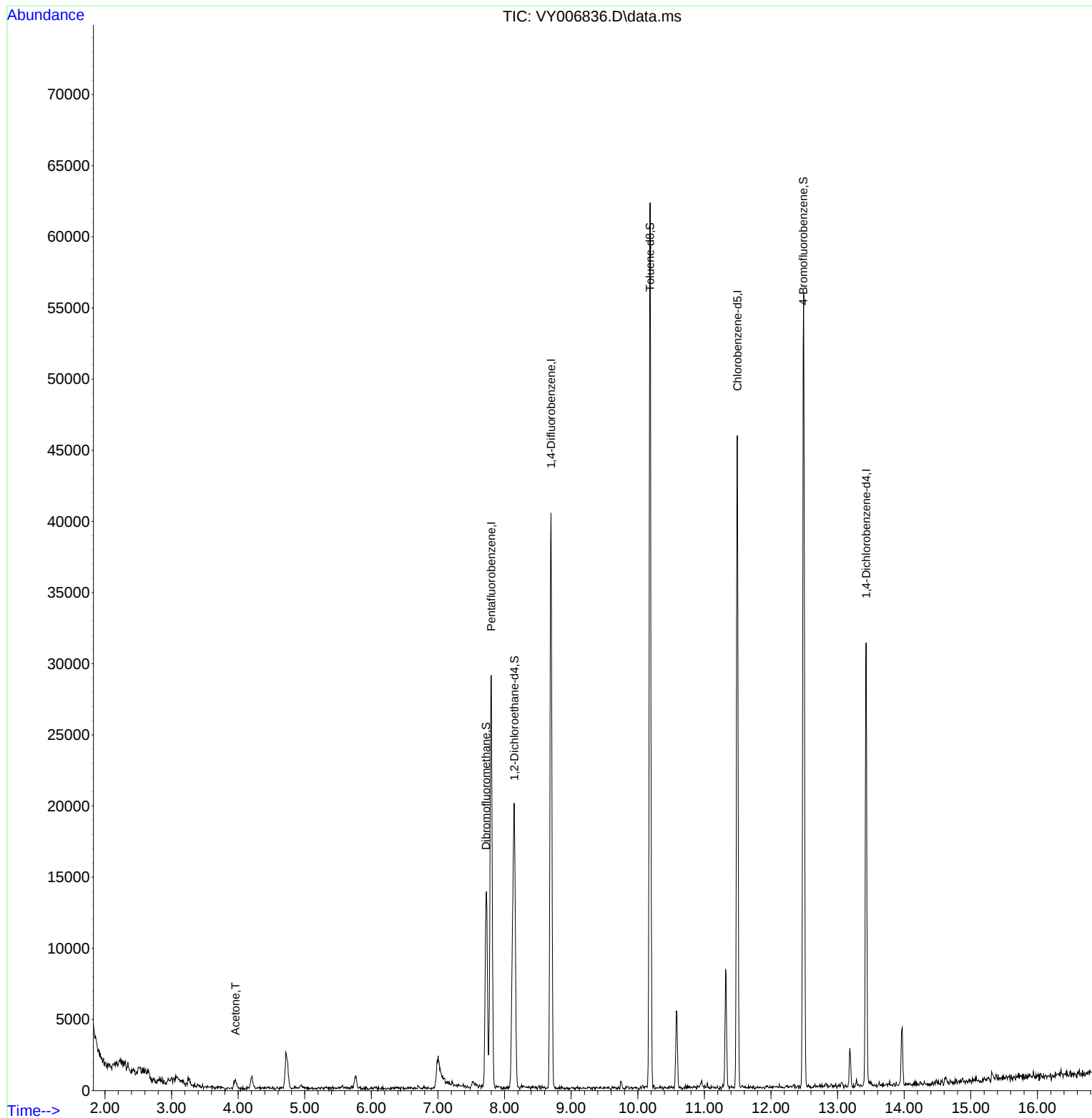
Internal Standards						
1) Pentafluorobenzene	7.801	168	22135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	31295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12642	43.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.160%
35) Dibromofluoromethane	7.722	113	9626	50.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.185	98	38746	48.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.483	95	8463	31.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.120%
Target Compounds						
16) Acetone	3.961	43	1110	12.593	ug/l	Qvalue 92

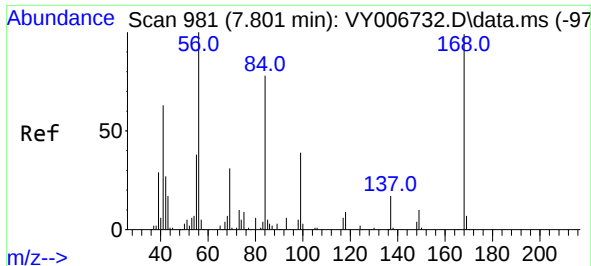
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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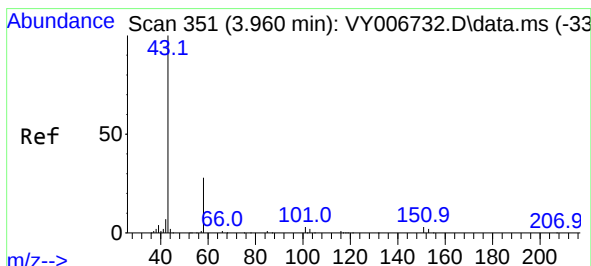
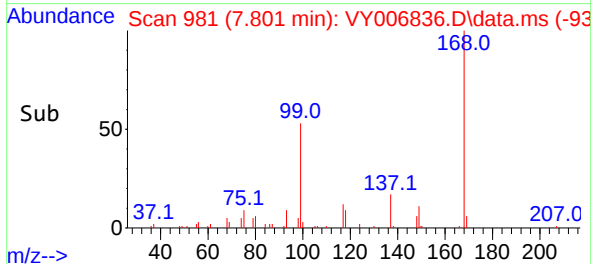
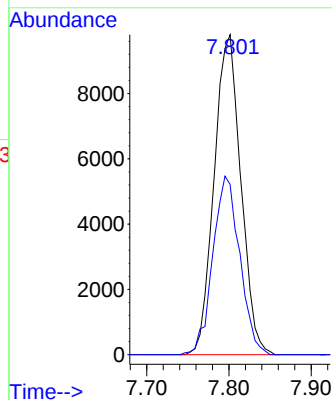
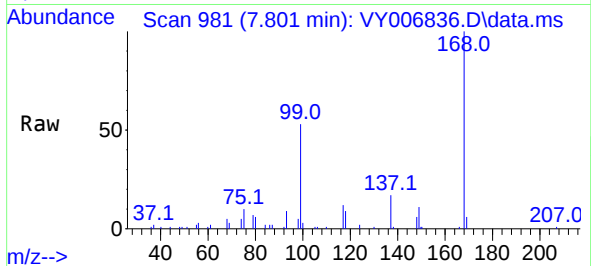




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

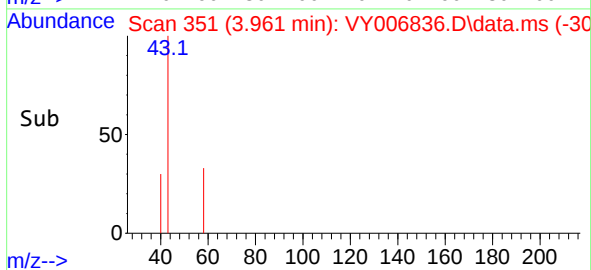
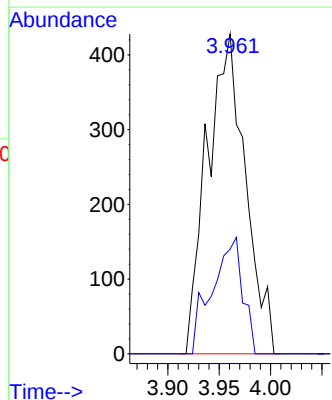
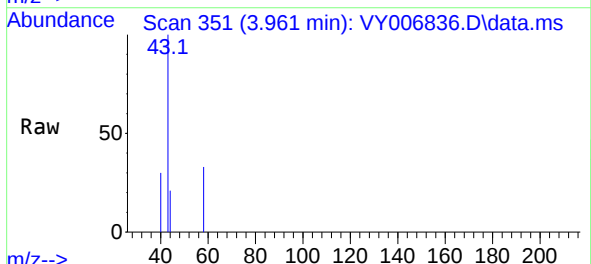
Instrument :
MSVOA_Y
ClientSampleId :
TP13

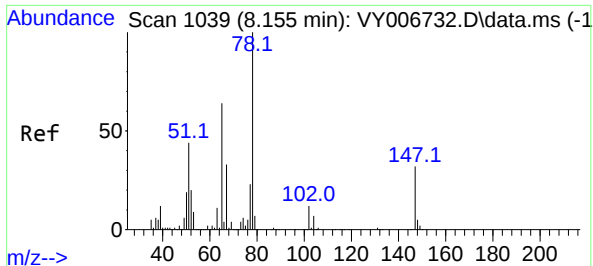
Tgt Ion:168 Resp: 22135
Ion Ratio Lower Upper
168 100
99 53.2 44.8 67.2



#16
Acetone
Concen: 12.593 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 32.7 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 43.577 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

Instrument :

MSVOA_Y

ClientSampleId :

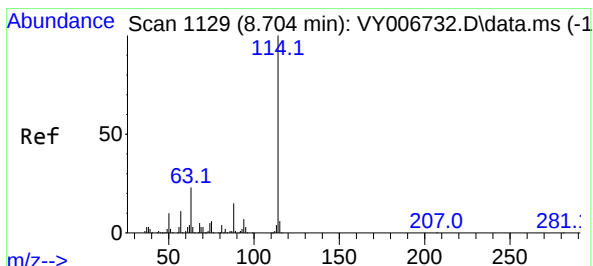
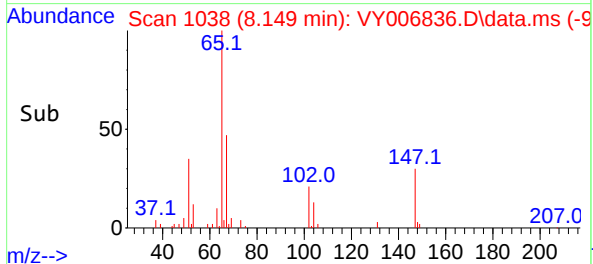
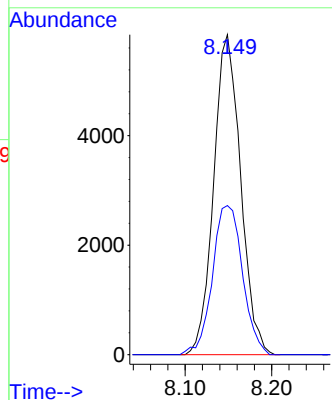
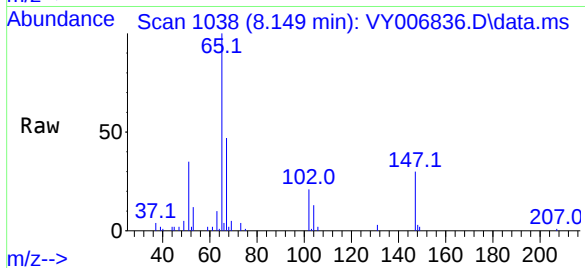
TP13

Tgt Ion: 65 Resp: 12642

Ion Ratio Lower Upper

65 100

67 52.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

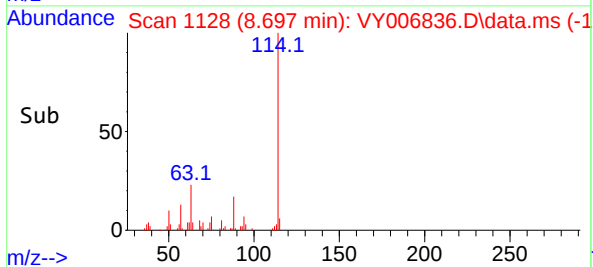
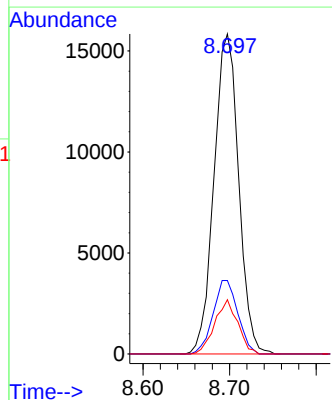
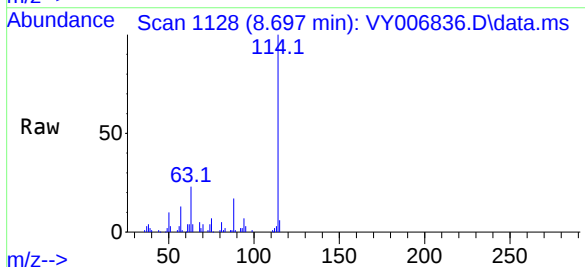
Tgt Ion: 114 Resp: 31295

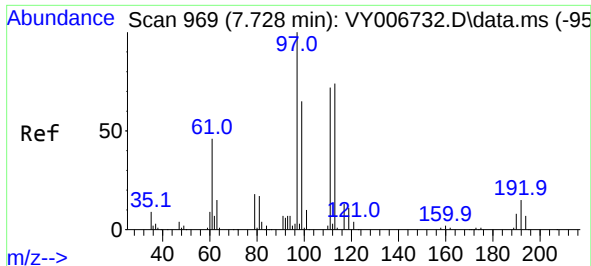
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.0 0.0 30.6

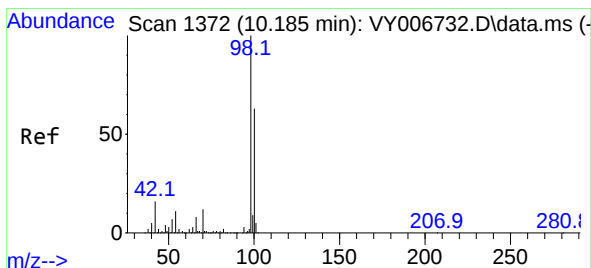
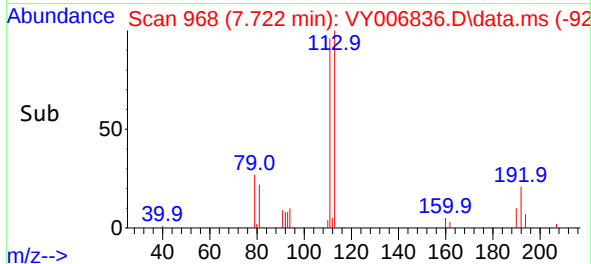
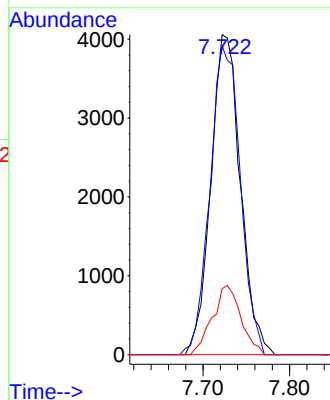
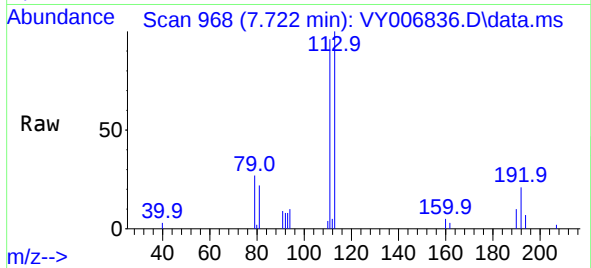




#35
Dibromofluoromethane
Concen: 50.076 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

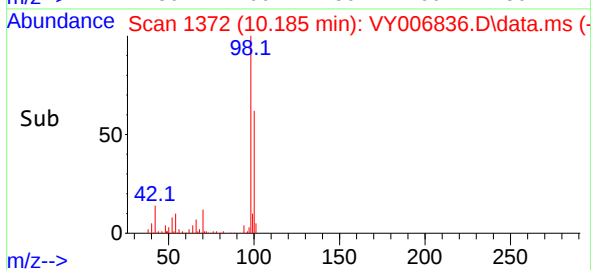
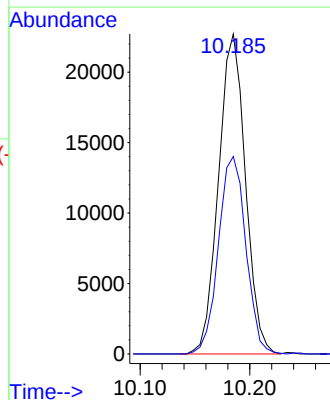
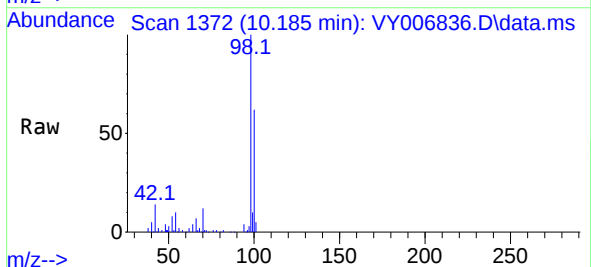
Instrument :
MSVOA_Y
ClientSampleId :
TP13

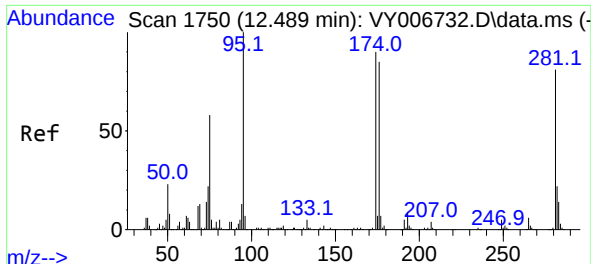
Tgt Ion:113 Resp: 9626
Ion Ratio Lower Upper
113 100
111 98.9 82.3 123.5
192 20.9 17.4 26.2



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Tgt Ion: 98 Resp: 38746
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

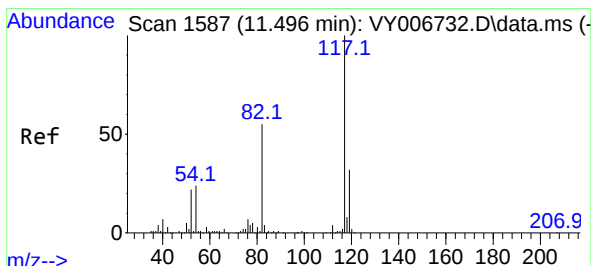
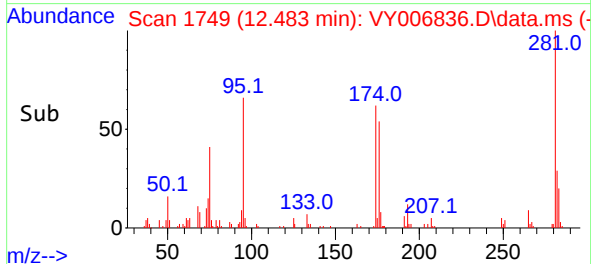
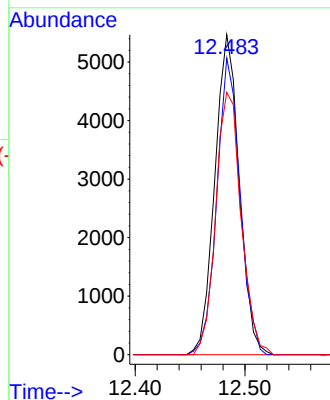
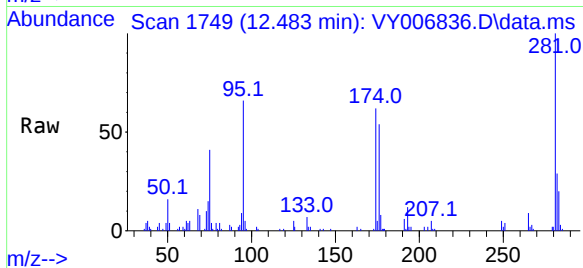




#62
4-Bromofluorobenzene
Concen: 31.559 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

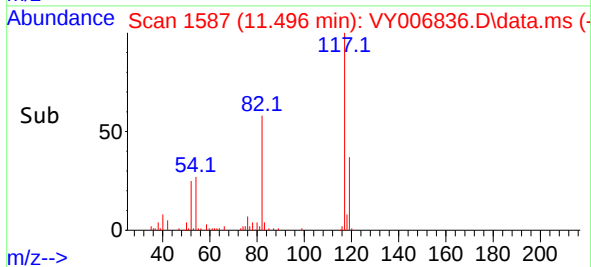
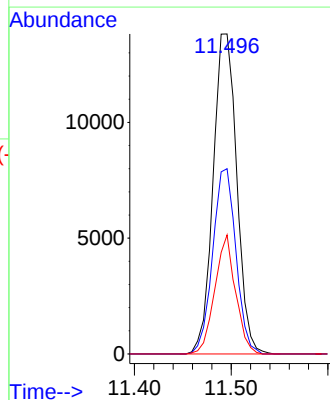
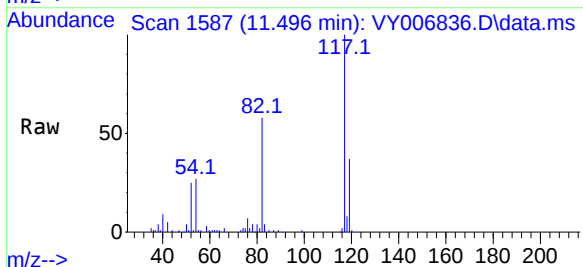
Instrument :
MSVOA_Y
ClientSampleId :
TP13

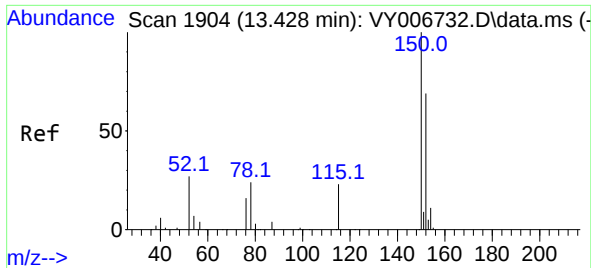
Tgt Ion: 95 Resp: 8463
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

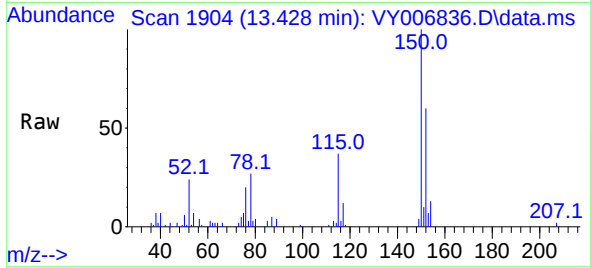
Tgt Ion: 117 Resp: 23445
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 37.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006836.D
 Acq: 19 Nov 2021 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP13



Tgt Ion:	152	Resp:	7712
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.5	85.5
150	152.4	0.0	348.2

