

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006825.D
 Acq On : 19 Nov 2021 13:11
 Operator : SY/MD
 Sample : M4758-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Quant Time: Nov 22 03:19:19 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)

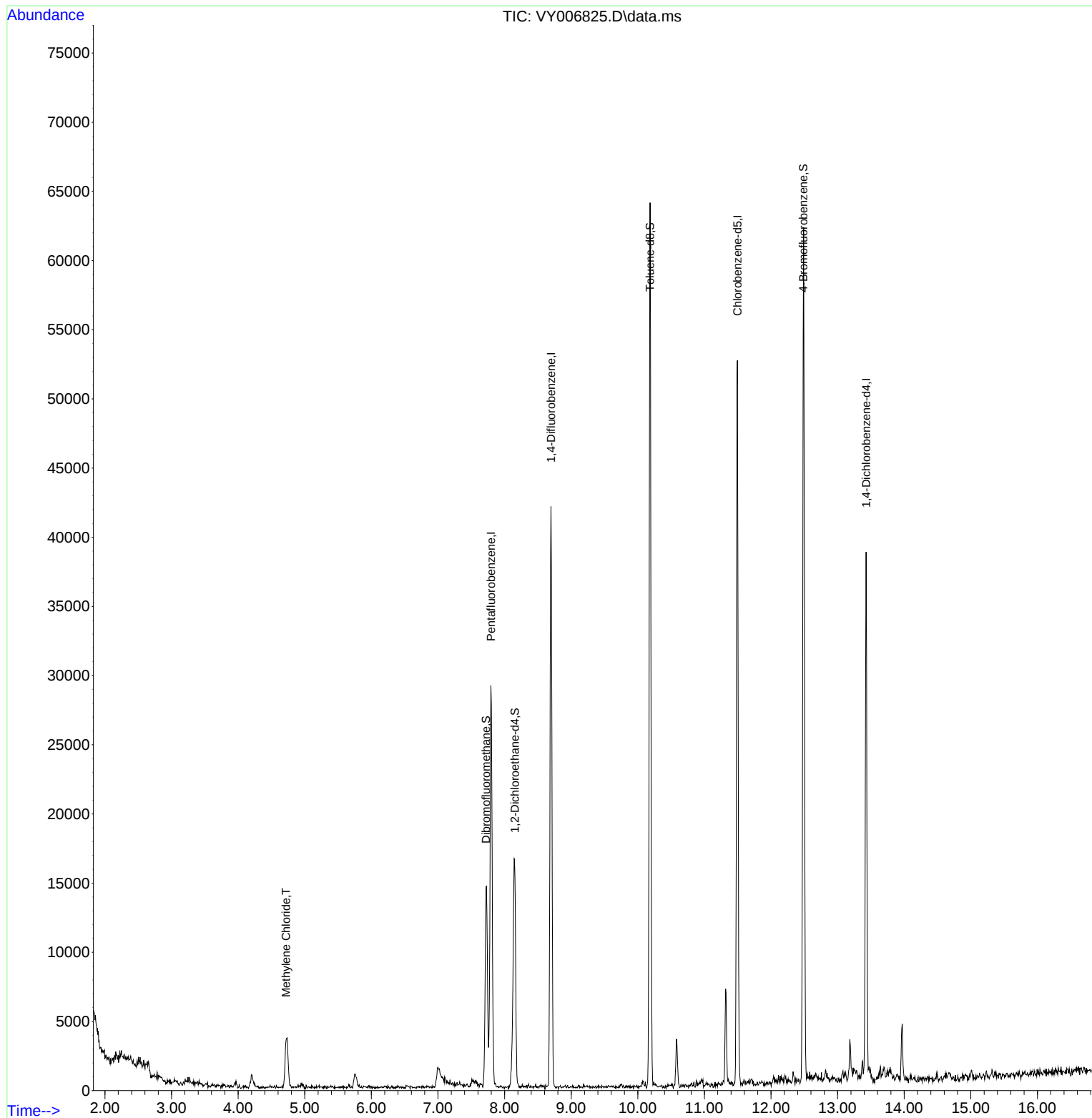
Internal Standards						
1) Pentafluorobenzene	7.795	168	21723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	25897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	12908	45.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.721	113	9894	50.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.184	98	40018	48.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.483	95	10385	37.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.320%
Target Compounds						
20) Methylene Chloride	4.716	84	2669	7.423	ug/l	Qvalue # 87

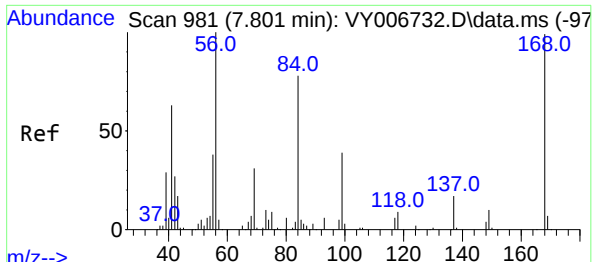
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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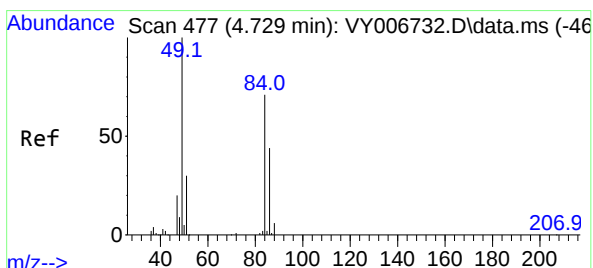
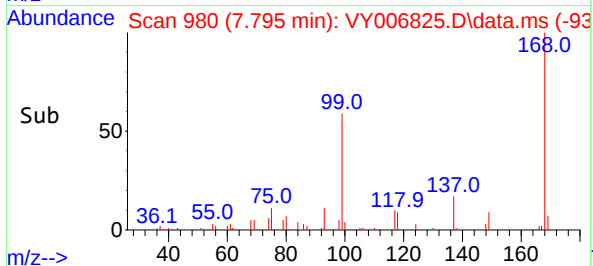
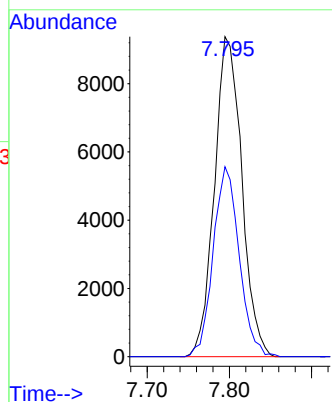
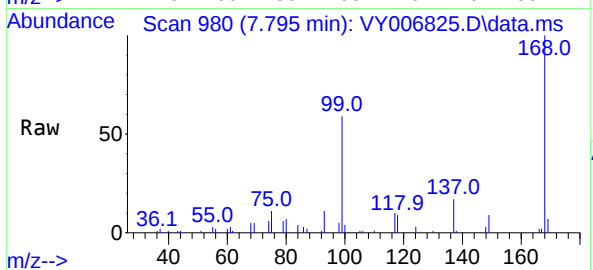




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

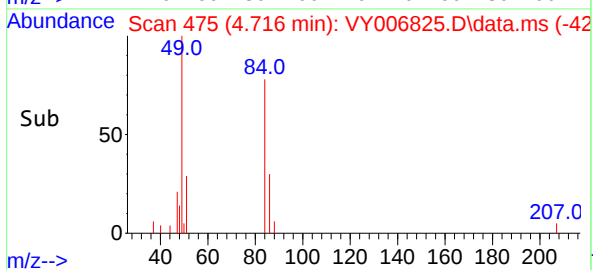
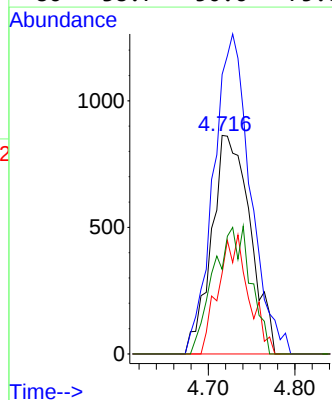
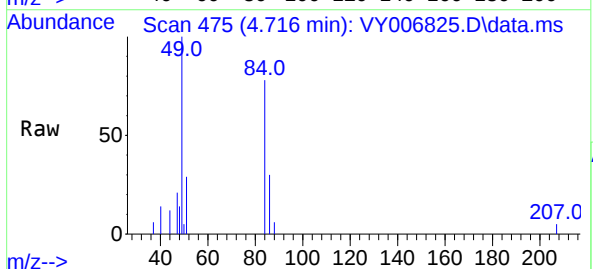
Instrument :
MSVOA_Y
ClientSampleId :
TP1

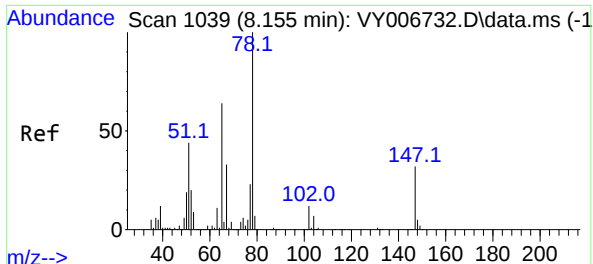
Tgt Ion:168 Resp: 21723
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#20
Methylene Chloride
Concen: 7.423 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

Tgt Ion: 84 Resp: 2669
Ion Ratio Lower Upper
84 100
49 127.9 107.8 161.8
51 37.0 32.8 49.2
86 38.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 45.338 ug/l

RT: 8.154 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006825.D

Acq: 19 Nov 2021 13:11

Instrument :

MSVOA_Y

ClientSampleId :

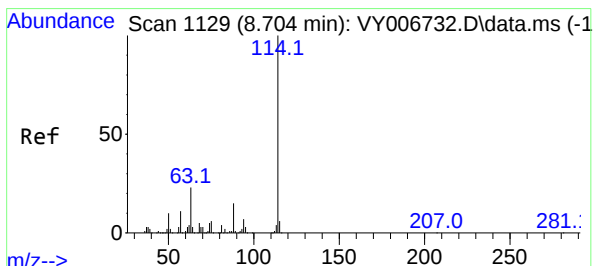
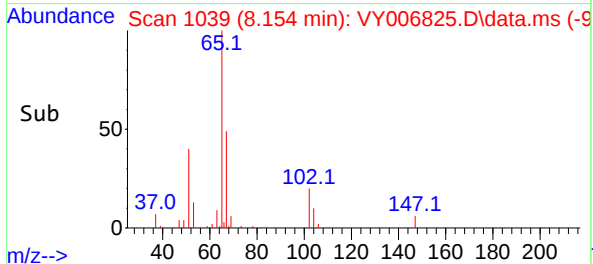
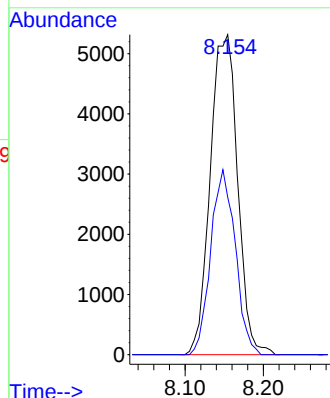
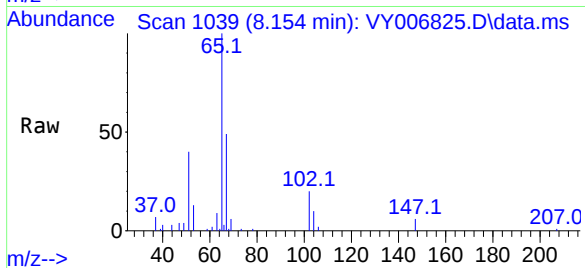
TP1

Tgt Ion: 65 Resp: 12908

Ion Ratio Lower Upper

65 100

67 51.9 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY006825.D

Acq: 19 Nov 2021 13:11

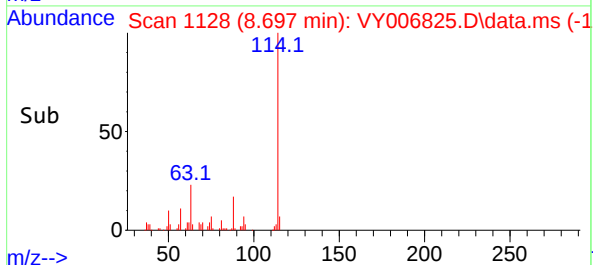
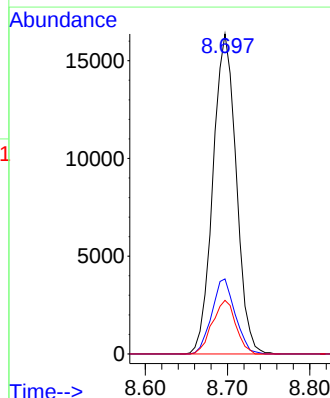
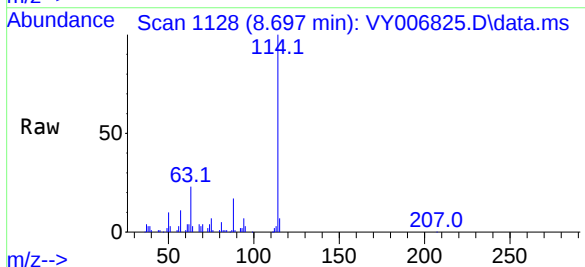
Tgt Ion: 114 Resp: 32180

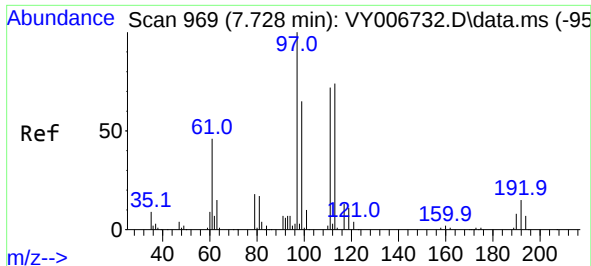
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.7 0.0 30.6

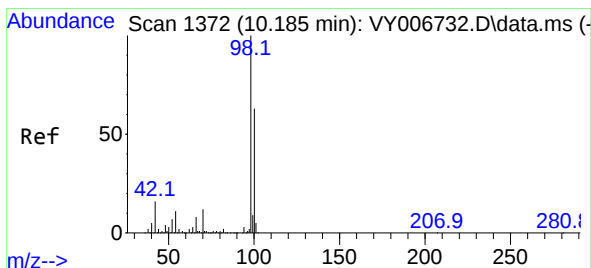
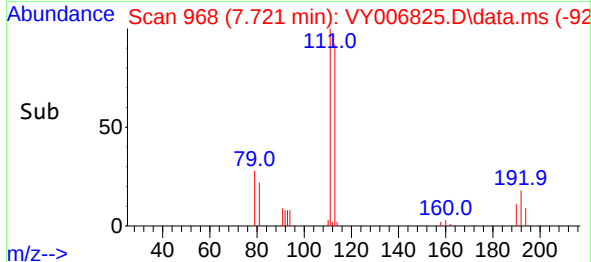
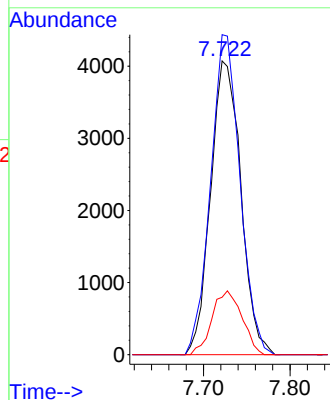
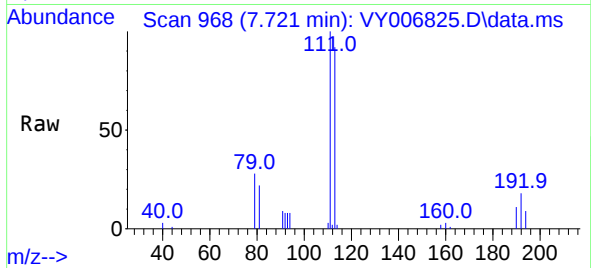




#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.721 min Scan# 90
Delta R.T. -0.007 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

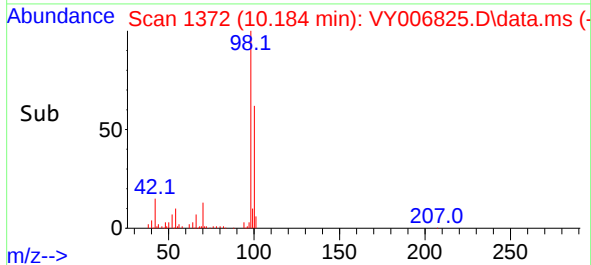
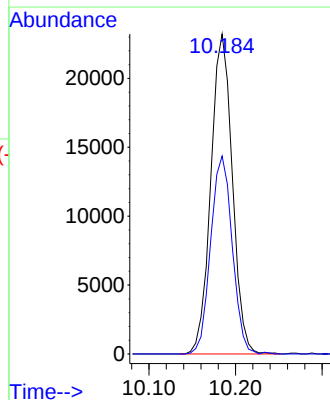
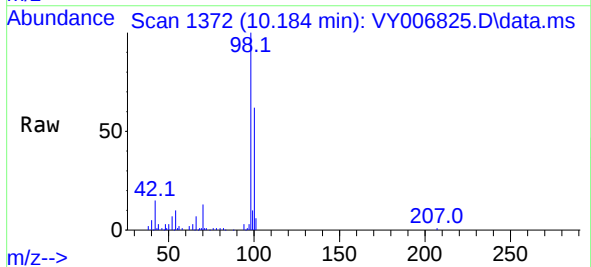
Instrument :
MSVOA_Y
ClientSampleId :
TP1

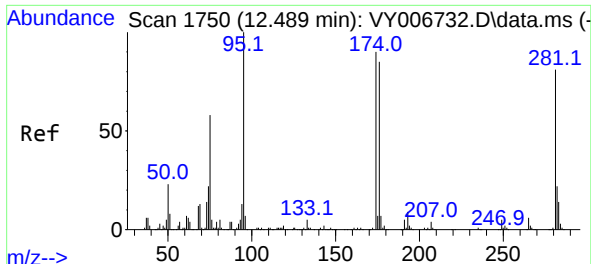
Tgt Ion:113 Resp: 9894
Ion Ratio Lower Upper
113 100
111 105.6 82.3 123.5
192 21.5 17.4 26.2



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

Tgt Ion: 98 Resp: 40018
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3

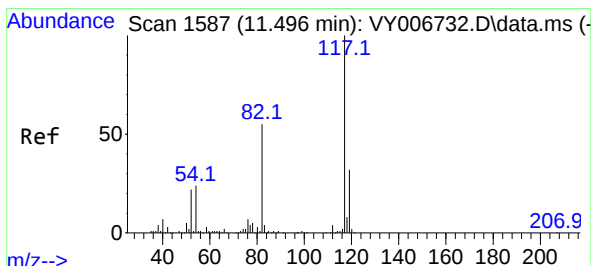
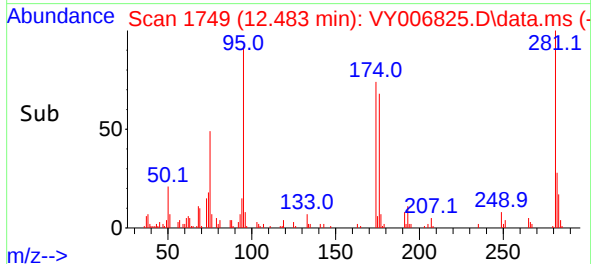
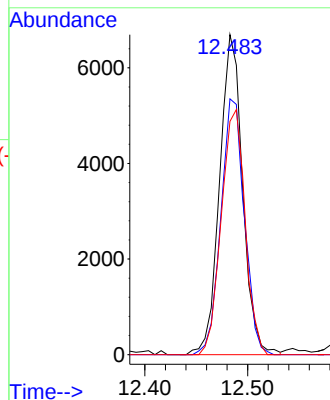
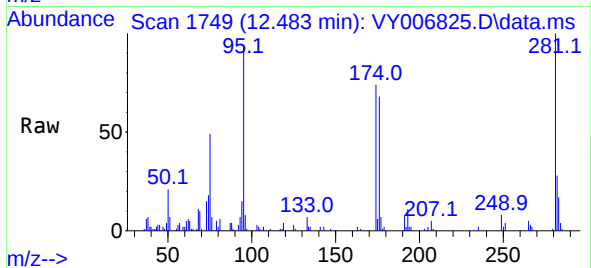




#62
4-Bromofluorobenzene
Concen: 37.661 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

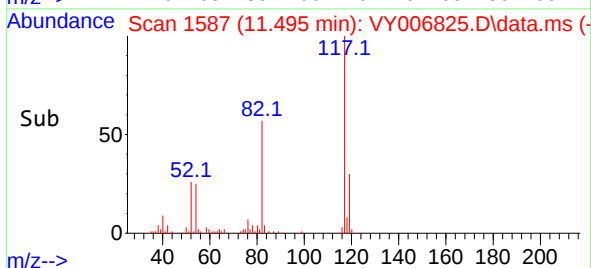
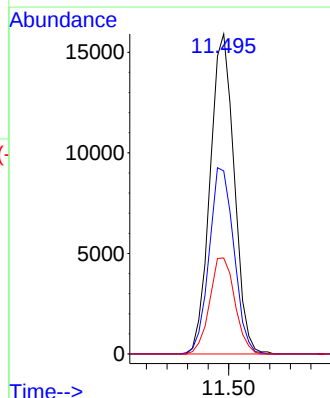
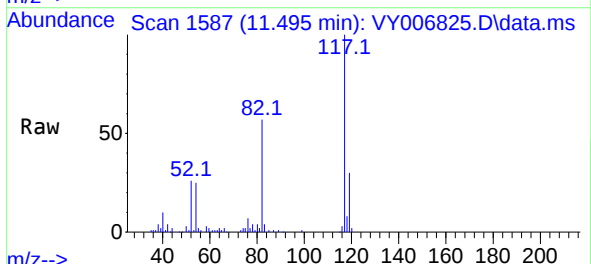
Instrument :
MSVOA_Y
ClientSampleId :
TP1

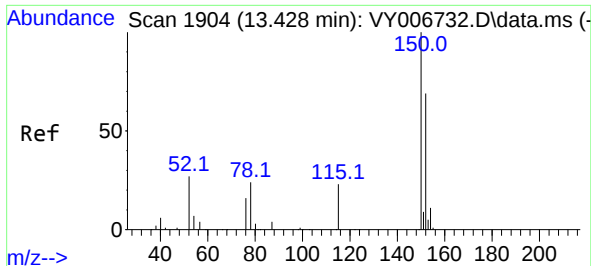
Tgt Ion: 95 Resp: 10385
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 79.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006825.D
Acq: 19 Nov 2021 13:11

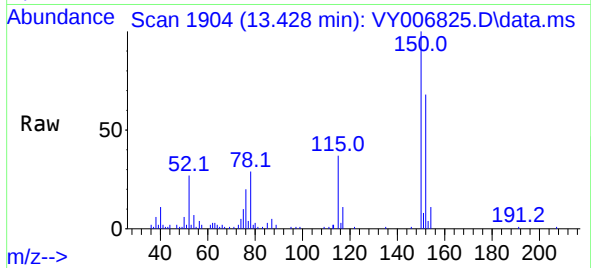
Tgt Ion: 117 Resp: 25897
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 30.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006825.D
 Acq: 19 Nov 2021 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1



Tgt Ion:	152	Resp:	8710
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.5	85.5
150	155.5	0.0	348.2

