

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006833.D
 Acq On : 19 Nov 2021 16:20
 Operator : SY/MD
 Sample : M4758-17
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9

Quant Time: Nov 22 03:20:15 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	27648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	39946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	27044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13668	37.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.440%
35) Dibromofluoromethane	7.728	113	11181	45.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.185	98	47362	46.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.483	95	8813	25.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.500%

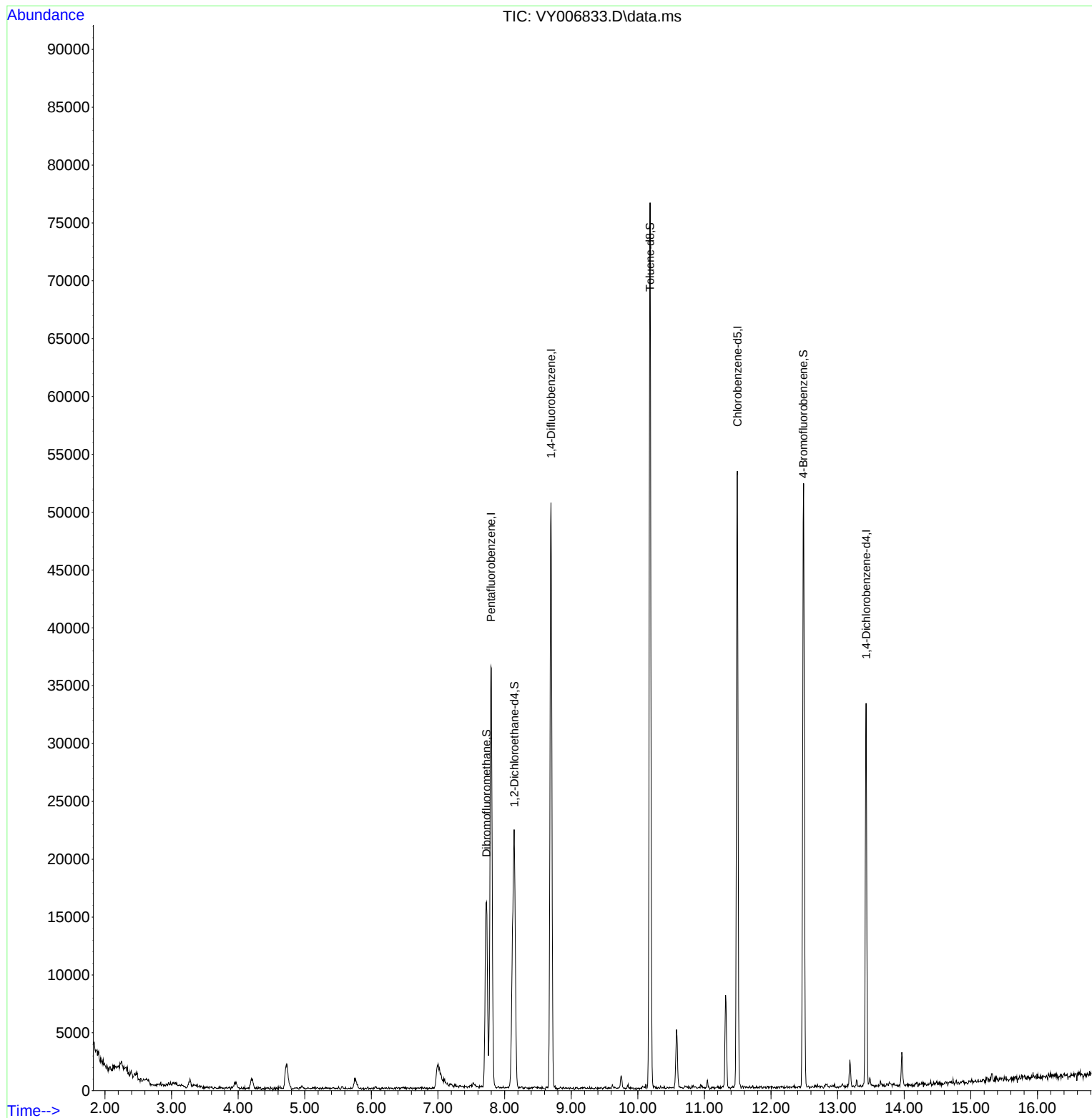
Target Compounds	Qvalue

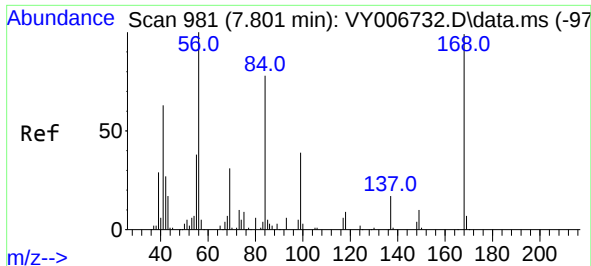
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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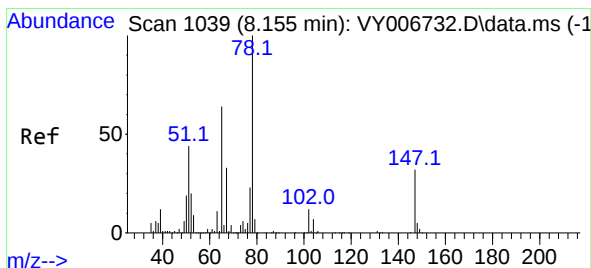
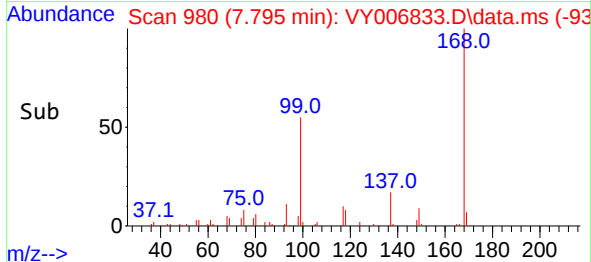
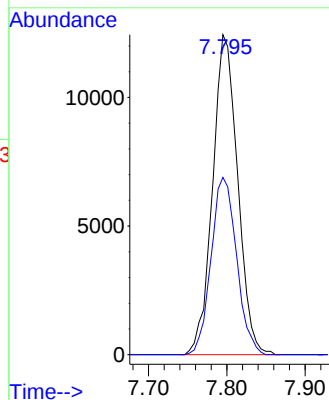
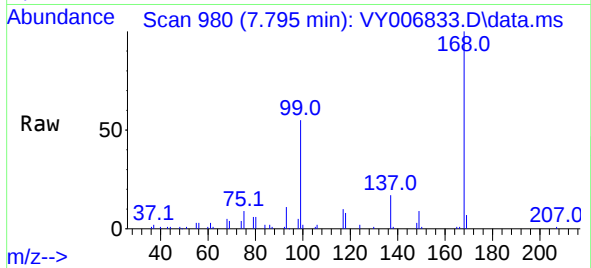




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

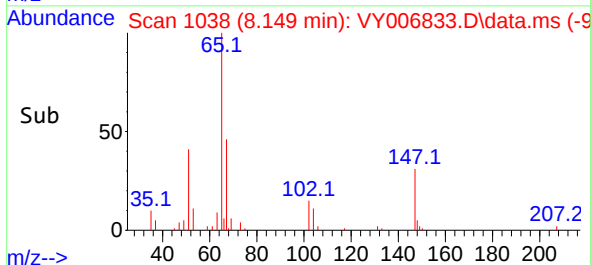
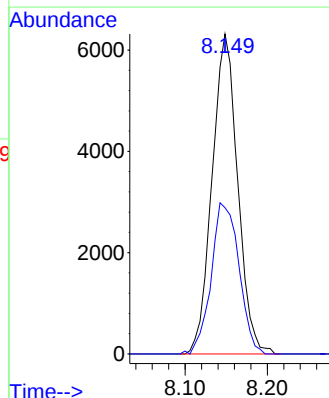
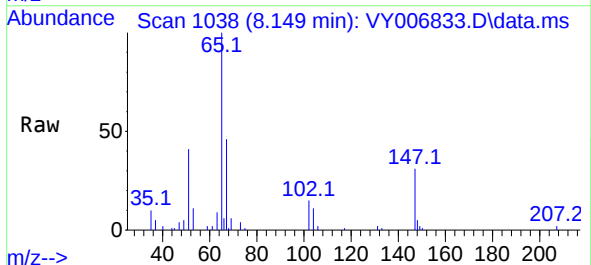
Instrument :
MSVOA_Y
ClientSampleId :
TP9

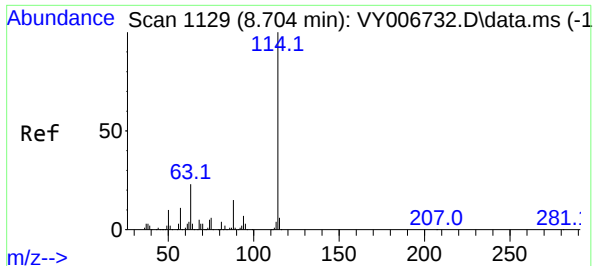
Tgt Ion:168 Resp: 27648
Ion Ratio Lower Upper
168 100
99 55.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 37.719 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion: 65 Resp: 13668
Ion Ratio Lower Upper
65 100
67 51.1 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: VY006833.D

Acq: 19 Nov 2021 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TP9

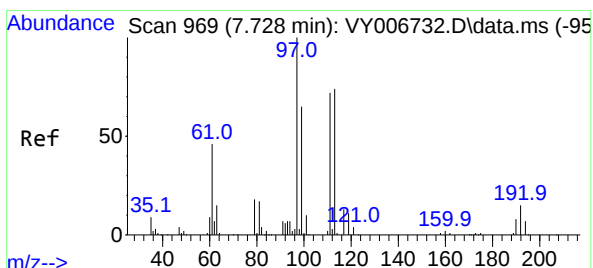
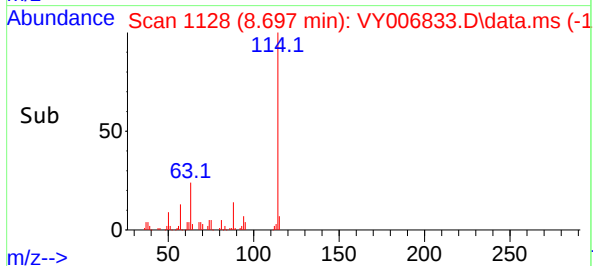
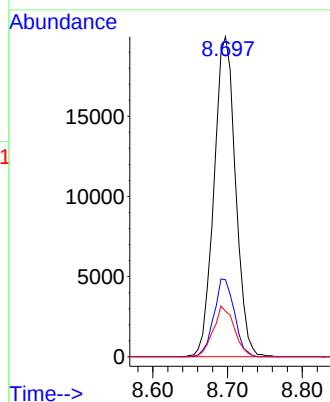
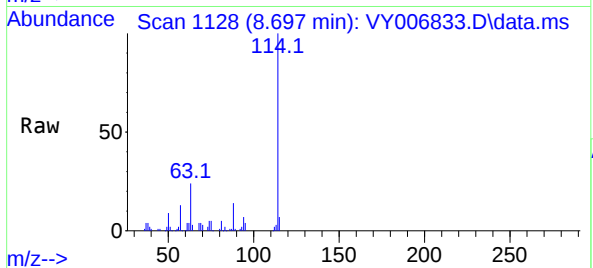
Tgt Ion:114 Resp: 39946

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.569 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006833.D

Acq: 19 Nov 2021 16:20

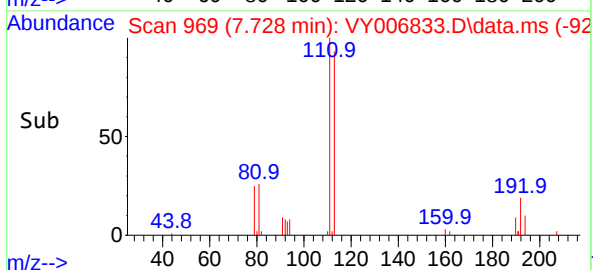
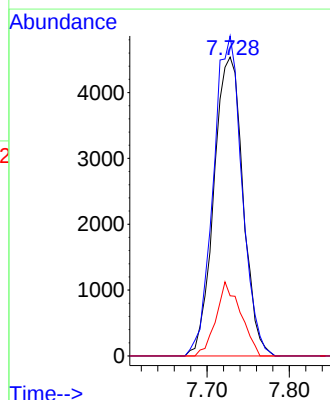
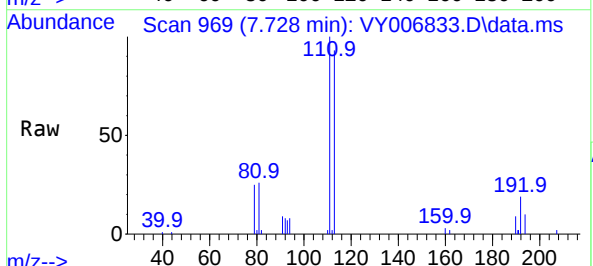
Tgt Ion:113 Resp: 11181

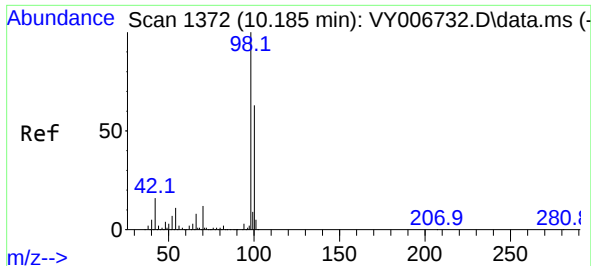
Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 21.0 17.4 26.2

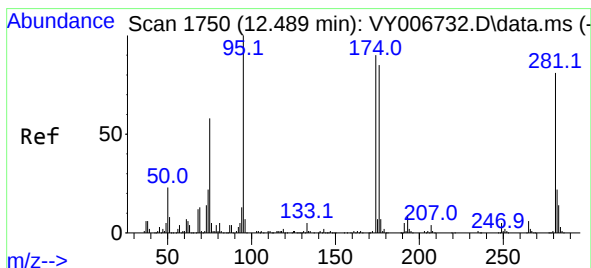
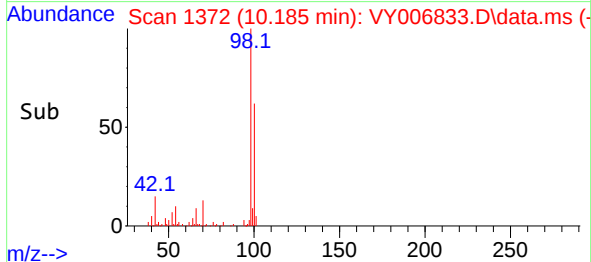
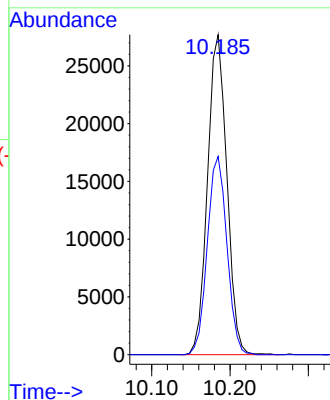
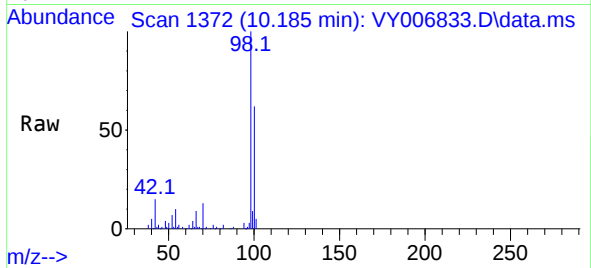




#50
Toluene-d8
Concen: 46.646 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

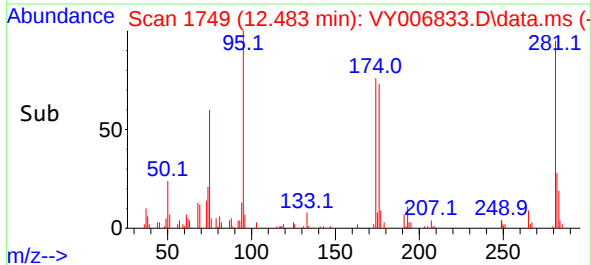
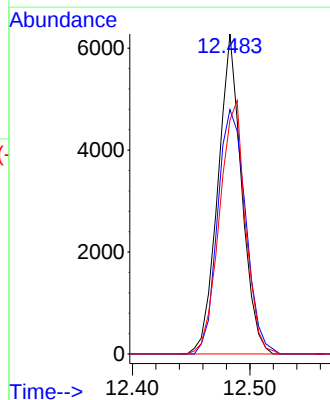
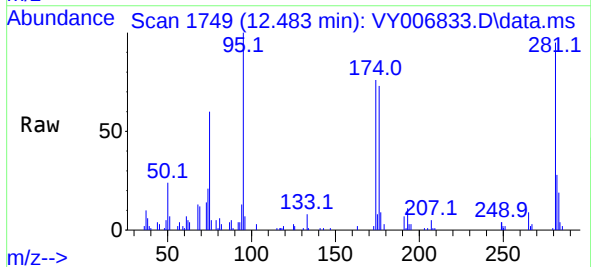
Instrument :
MSVOA_Y
ClientSampleId :
TP9

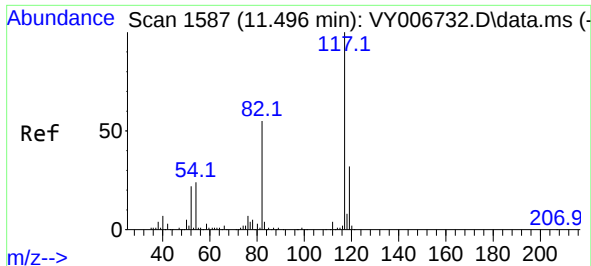
Tgt Ion: 98 Resp: 47362
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 25.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion: 95 Resp: 8813
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 86.3 0.0 169.4

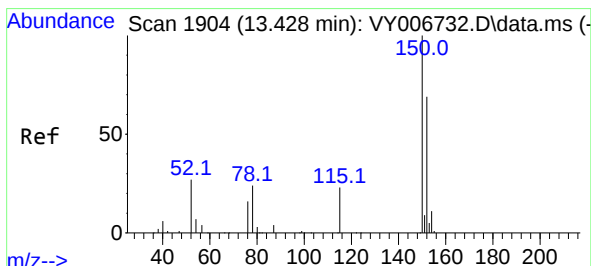
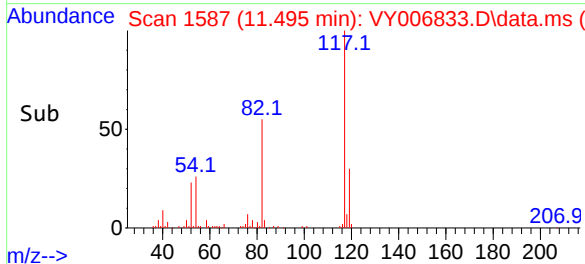
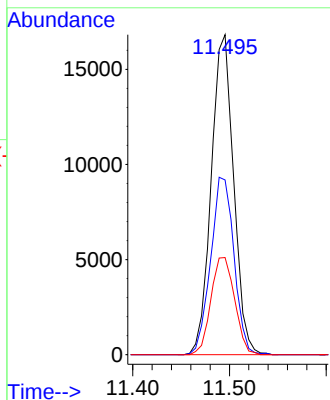
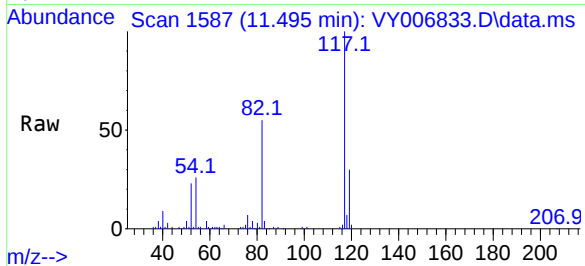




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Instrument :
MSVOA_Y
ClientSampleId :
TP9

Tgt Ion:	117	Resp:	27044
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.7	68.5
119	30.4	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: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion:	152	Resp:	7623
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.5	85.5
150	160.1	0.0	348.2

