

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006661.D
 Acq On : 05 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4477-05
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T1-B2-NW

Quant Time: Nov 06 20:41:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	32785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	51313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	42346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20001	49.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.728	113	15601	54.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.100%
50) Toluene-d8	10.185	98	64354	53.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.483	95	15648	38.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.620%

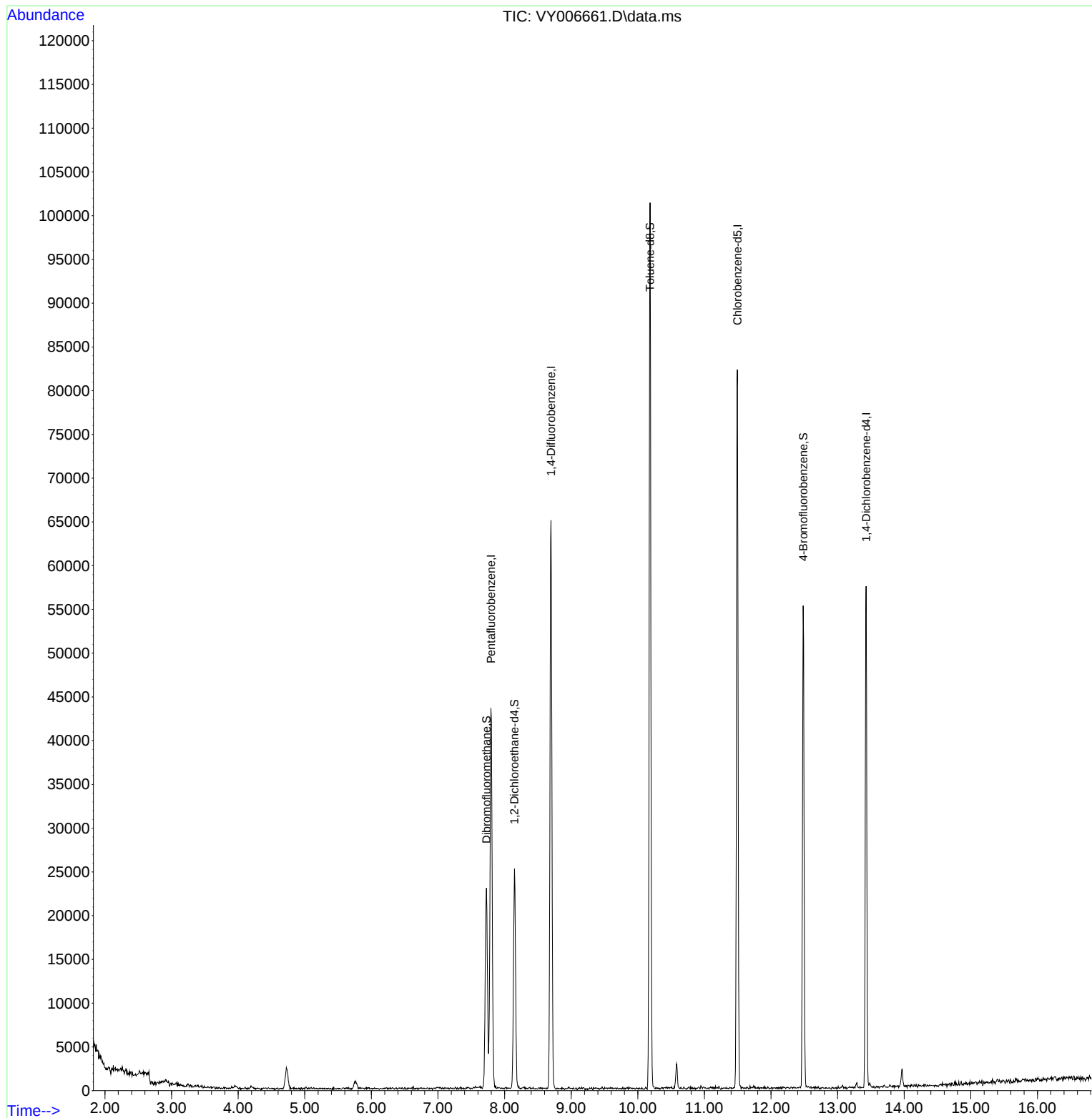
Target Compounds	Qvalue

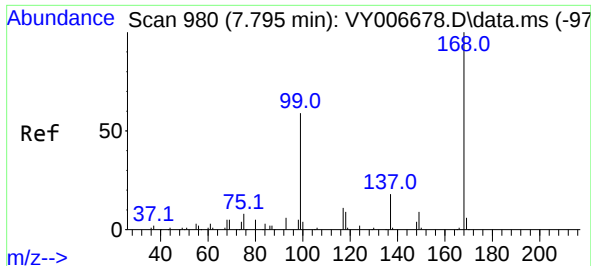
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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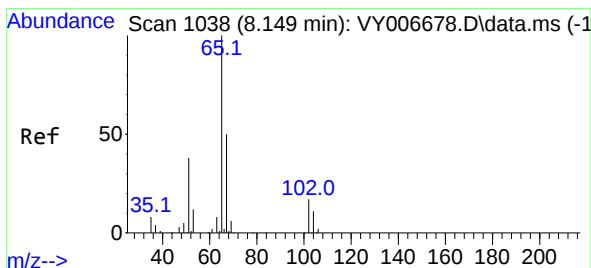
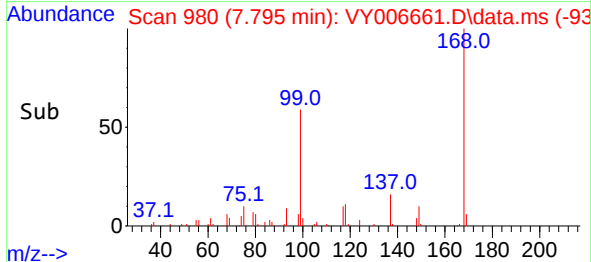
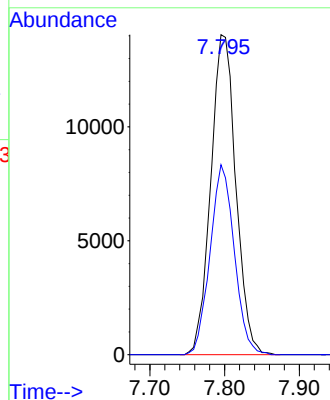
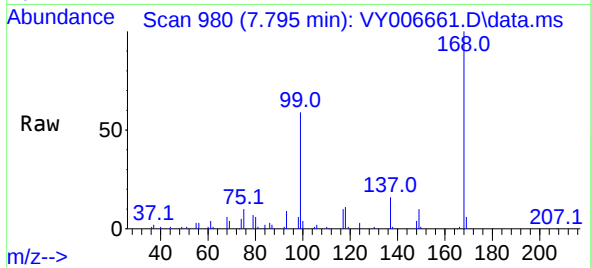




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

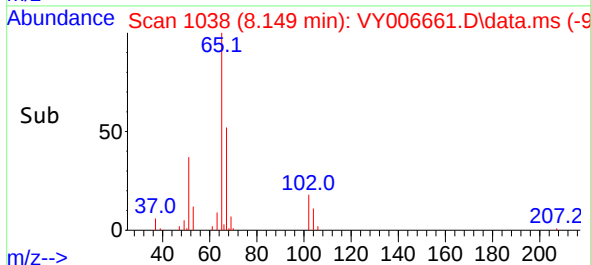
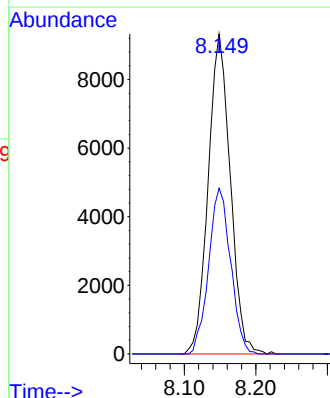
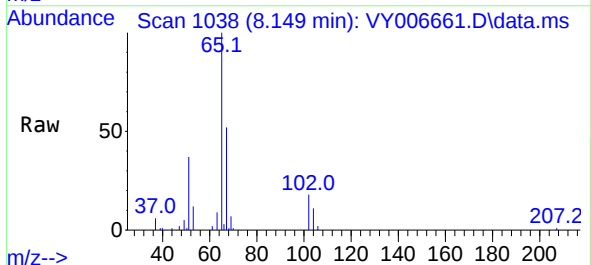
Instrument :
MSVOA_Y
ClientSampleId :
T1-B2-NW

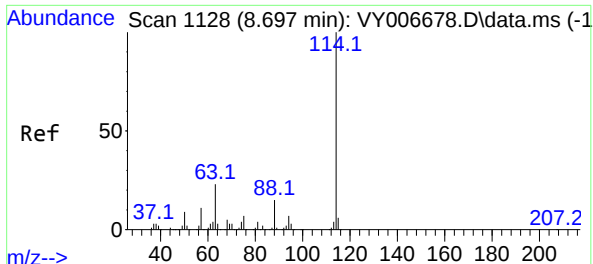
Tgt Ion:168 Resp: 32785
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion: 65 Resp: 20001
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006661.D

Acq: 05 Nov 2021 17:06

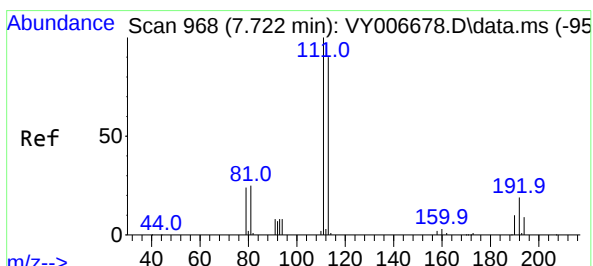
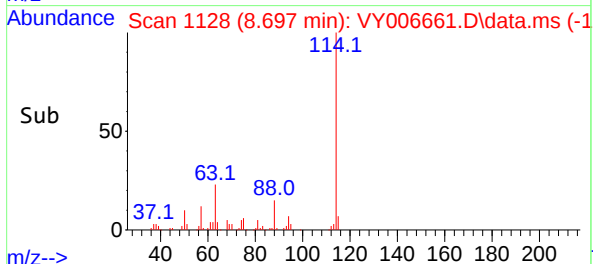
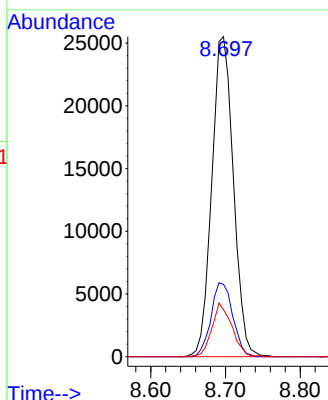
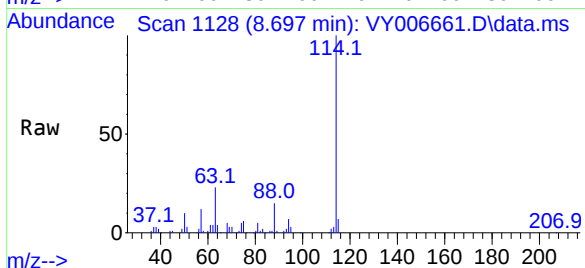
Instrument :

MSVOA_Y

ClientSampleId :

T1-B2-NW

Tgt Ion:114	Resp:	51313
Ion Ratio	Lower	Upper
114	100	
63	22.6	0.0 45.0
88	14.6	0.0 30.6



#35

Dibromofluoromethane

Concen: 54.548 ug/l

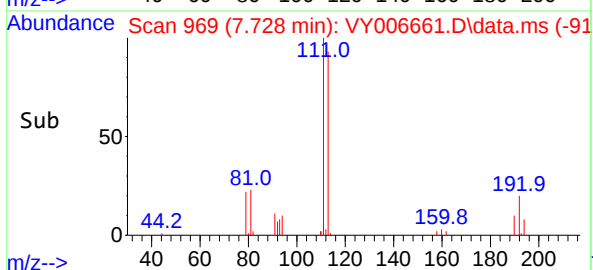
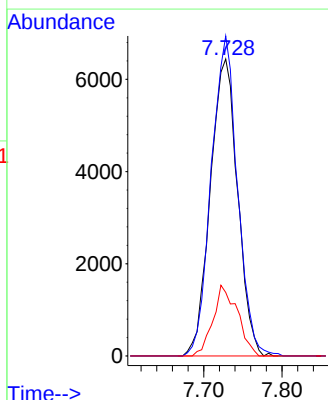
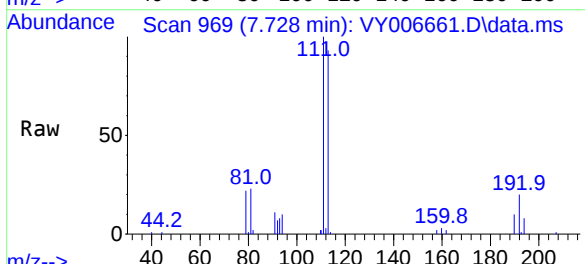
RT: 7.728 min Scan# 969

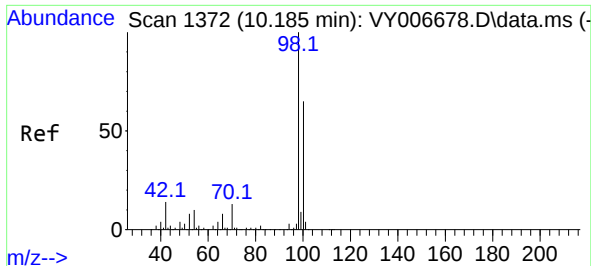
Delta R.T. 0.006 min

Lab File: VY006661.D

Acq: 05 Nov 2021 17:06

Tgt Ion:113	Resp:	15601
Ion Ratio	Lower	Upper
113	100	
111	103.6	82.3 123.5
192	21.4	17.4 26.2

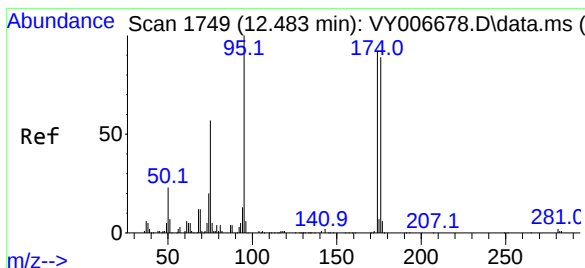
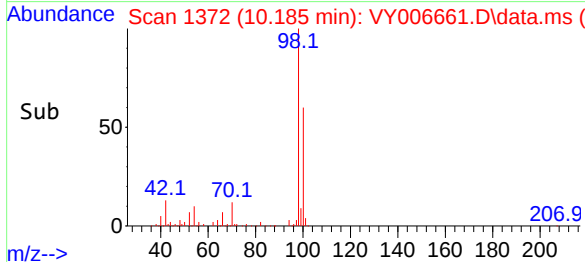
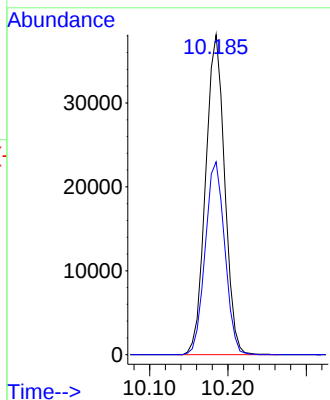
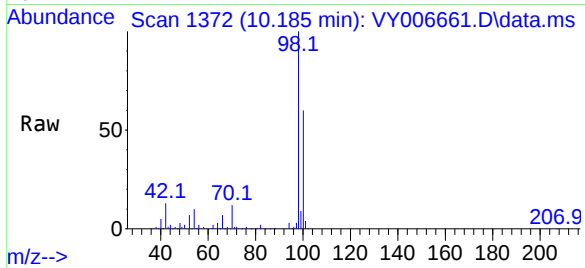




#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

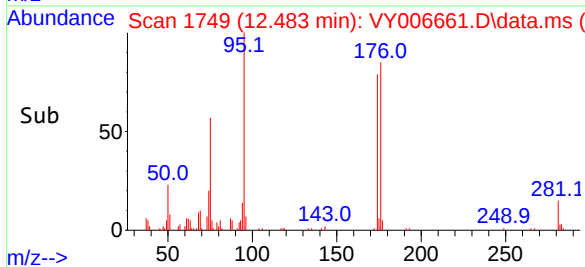
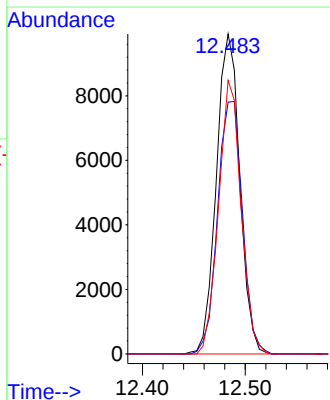
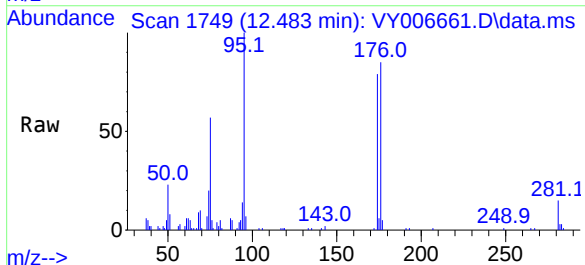
Instrument :
MSVOA_Y
ClientSampleId :
T1-B2-NW

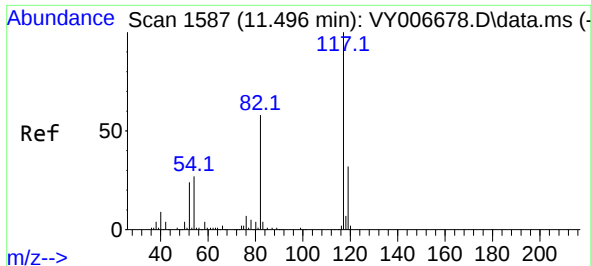
Tgt Ion: 98 Resp: 64354
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion: 95 Resp: 15648
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 82.3 0.0 169.4

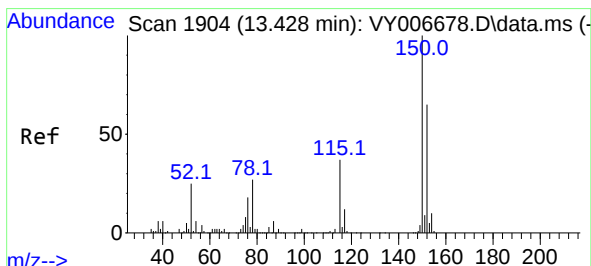
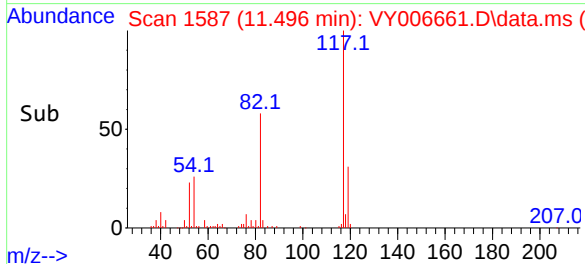
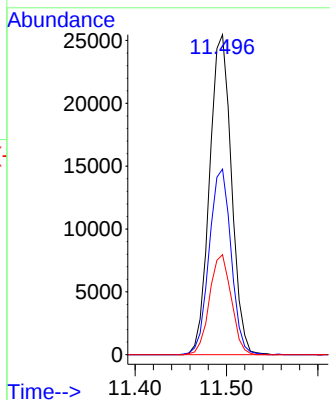
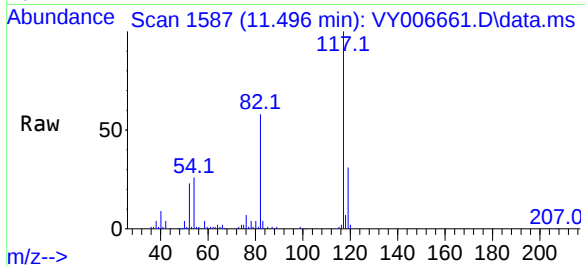




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :
T1-B2-NW

Tgt Ion:	117	Resp:	42346
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.7	68.5
119	31.3	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: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion:	152	Resp:	15041
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.5	85.5
150	156.3	0.0	348.2

