

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006444.D
 Acq On : 22 Oct 2021 17:11
 Operator : SY/MD
 Sample : M4315-01
 Misc : 4.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-S

Quant Time: Oct 23 07:23:13 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	2548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2677	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1518	48.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.721	113	442	23.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.140%#
50) Toluene-d8	10.184	98	4303	52.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.940%
62) 4-Bromofluorobenzene	12.483	95	868	31.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.440%

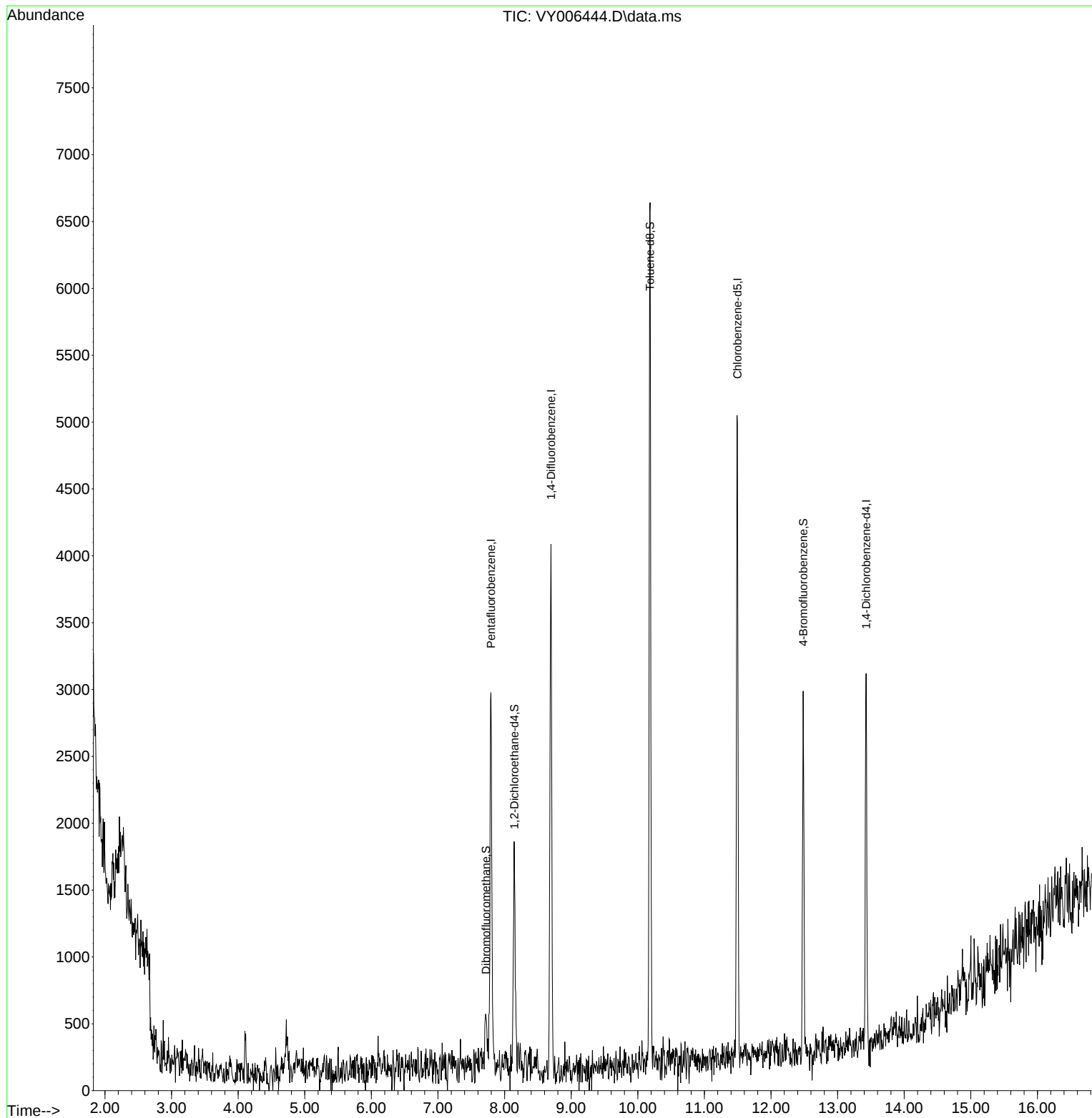
Target Compounds Qvalue

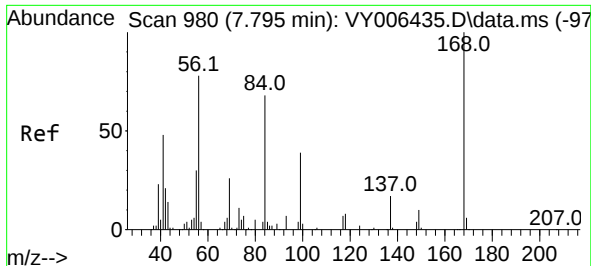
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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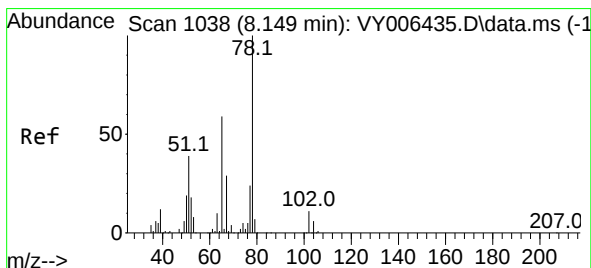
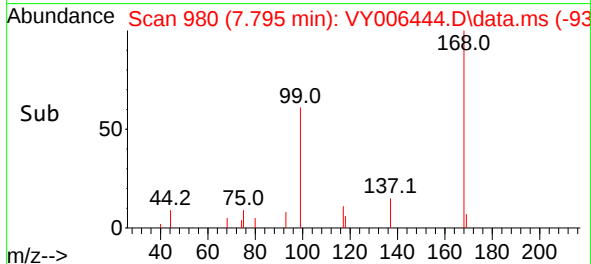
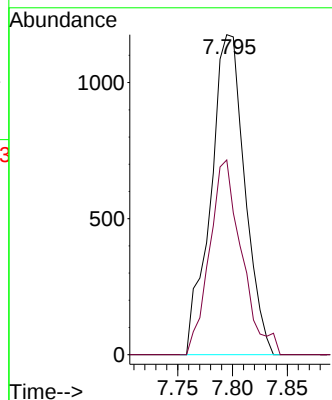
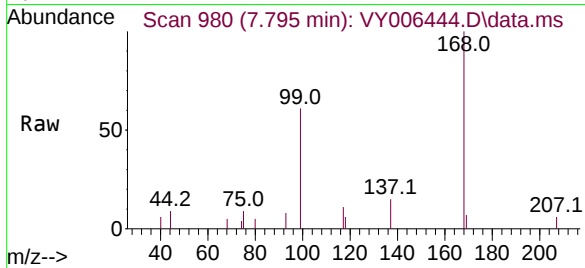




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006444.D
Acq: 22 Oct 2021 17:11

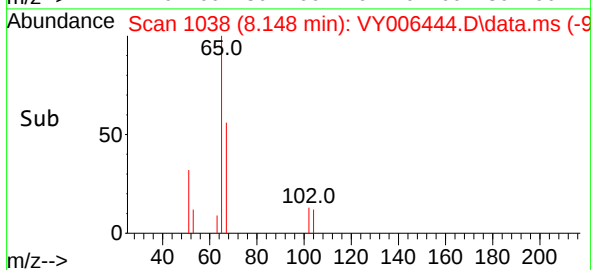
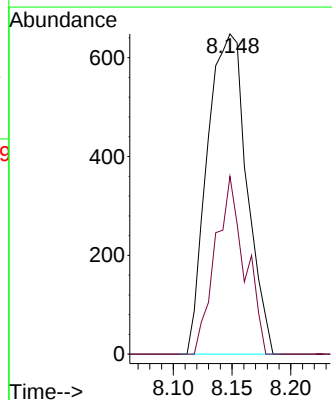
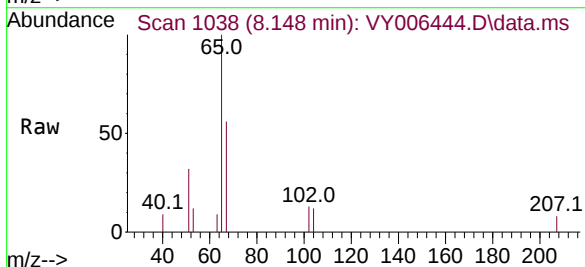
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-S

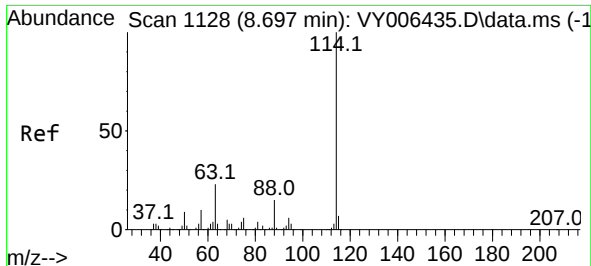
Tgt Ion:168 Resp: 2548
Ion Ratio Lower Upper
168 100
99 60.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 48.414 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006444.D
Acq: 22 Oct 2021 17:11

Tgt Ion: 65 Resp: 1518
Ion Ratio Lower Upper
65 100
67 41.4 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: VY006444.D

Acq: 22 Oct 2021 17:11

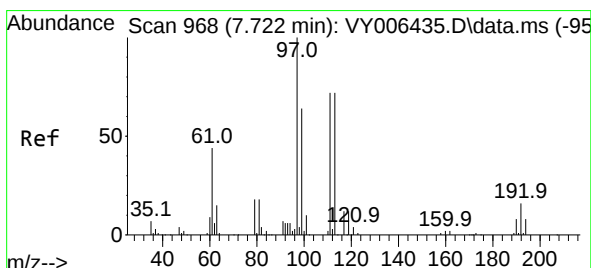
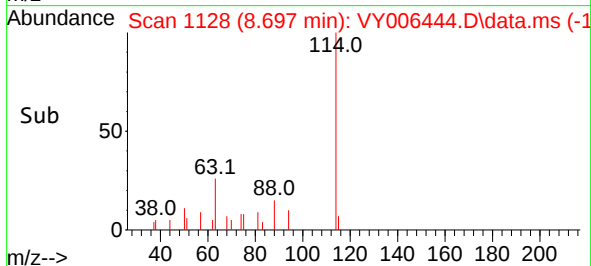
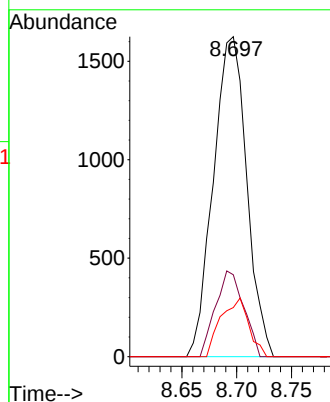
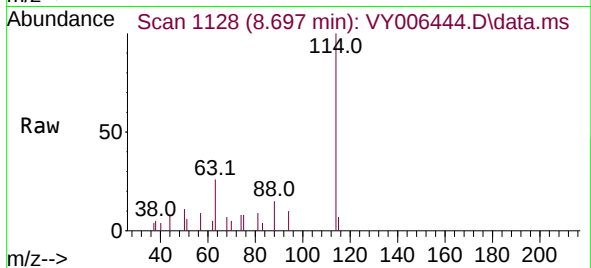
Instrument :

MSVOA_Y

ClientSampleId :

MH-D-S

Tgt Ion:114	Resp:	3438
Ion	Ratio	Lower Upper
114	100	
63	25.6	0.0 45.0
88	15.3	0.0 30.6



#35

Dibromofluoromethane

Concen: 23.066 ug/l

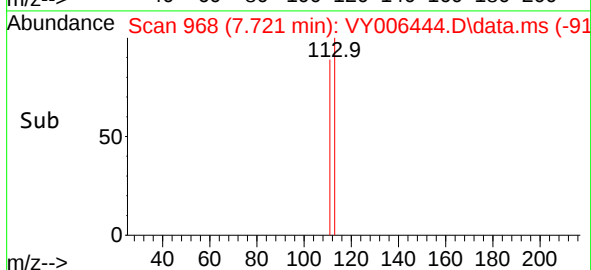
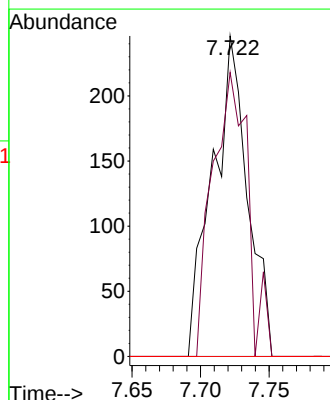
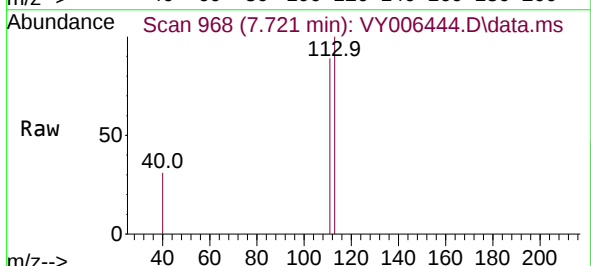
RT: 7.721 min Scan# 968

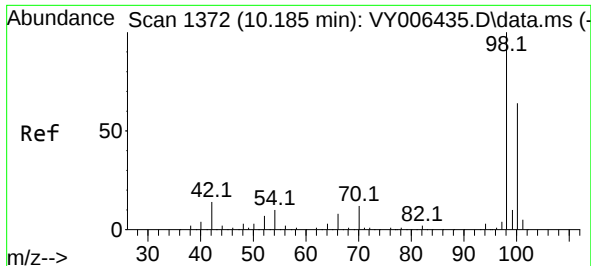
Delta R.T. -0.000 min

Lab File: VY006444.D

Acq: 22 Oct 2021 17:11

Tgt Ion:113	Resp:	442
Ion	Ratio	Lower Upper
113	100	
111	88.2	82.3 123.5
192	0.0	17.4 26.2#

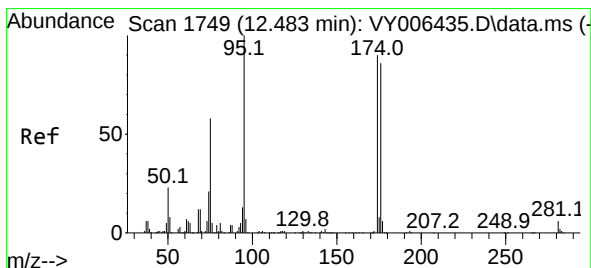
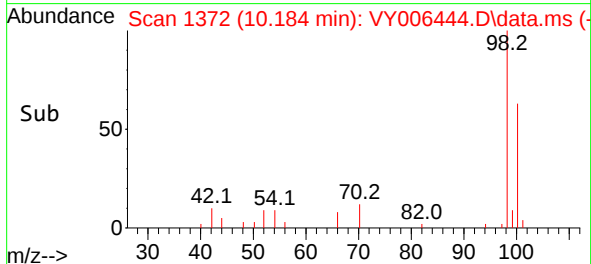
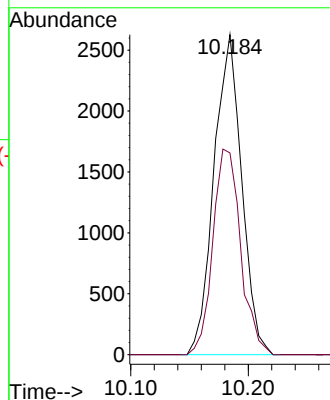
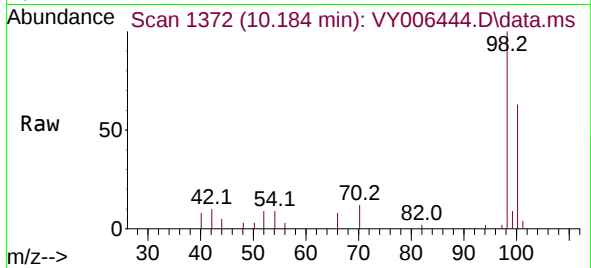




#50
Toluene-d8
Concen: 52.971 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006444.D
Acq: 22 Oct 2021 17:11

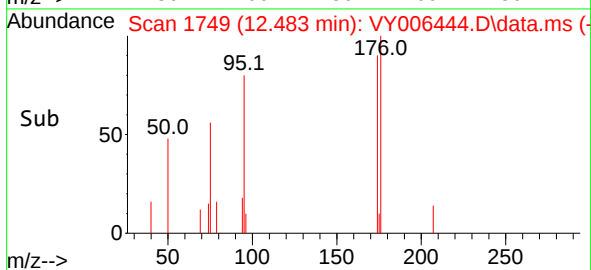
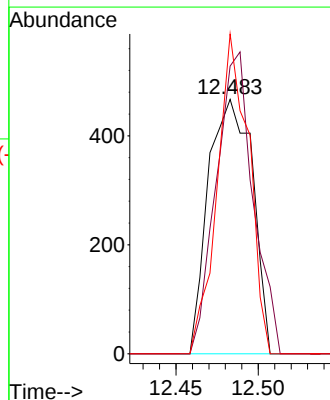
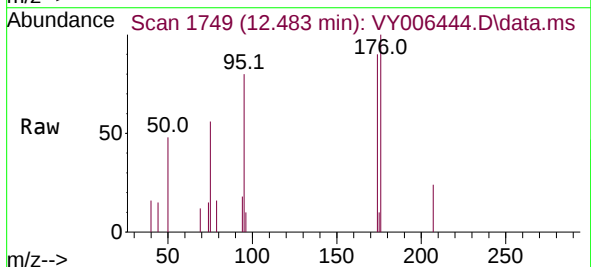
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-S

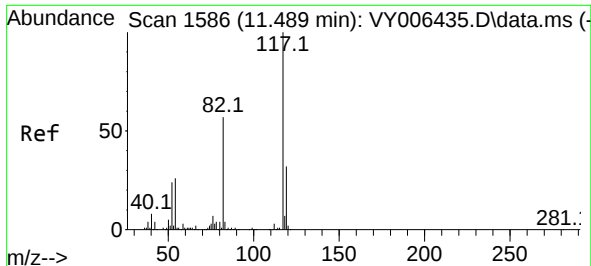
Tgt Ion: 98 Resp: 4303
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.721 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006444.D
Acq: 22 Oct 2021 17:11

Tgt Ion: 95 Resp: 868
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 90.4 0.0 169.4

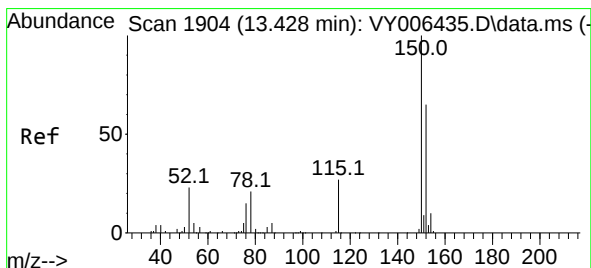
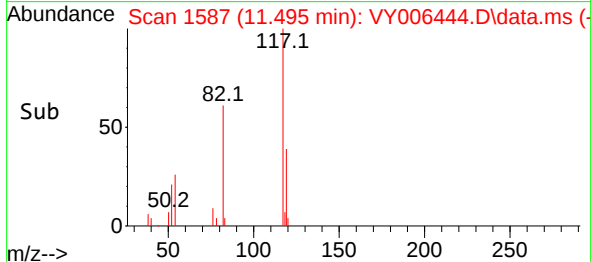
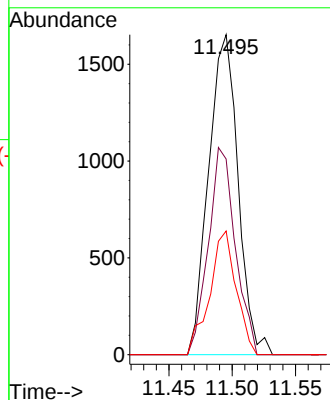
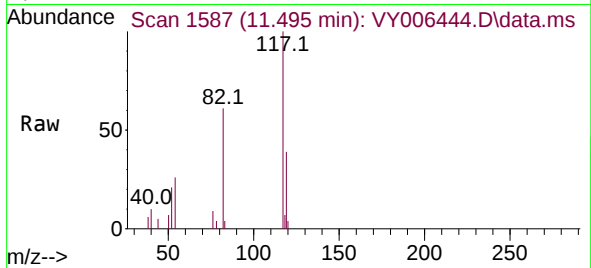




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006444.D
Acq: 22 Oct 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :
MH-D-S

Tgt Ion:117 Resp: 2677
Ion Ratio Lower Upper
117 100
82 61.2 45.7 68.5
119 38.7 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: VY006444.D
Acq: 22 Oct 2021 17:11

Tgt Ion:152 Resp: 910
Ion Ratio Lower Upper
152 100
115 53.4 28.5 85.5
150 146.5 0.0 348.2

