

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006553.D
 Acq On : 01 Nov 2021 15:43
 Operator : SY/MD
 Sample : M4428-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-102921

Quant Time: Nov 02 03:30:09 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	4749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4341	74.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.560%
35) Dibromofluoromethane	7.722	113	653	13.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	27.560%#
50) Toluene-d8	10.179	98	10382	51.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.483	95	3098	45.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.580%

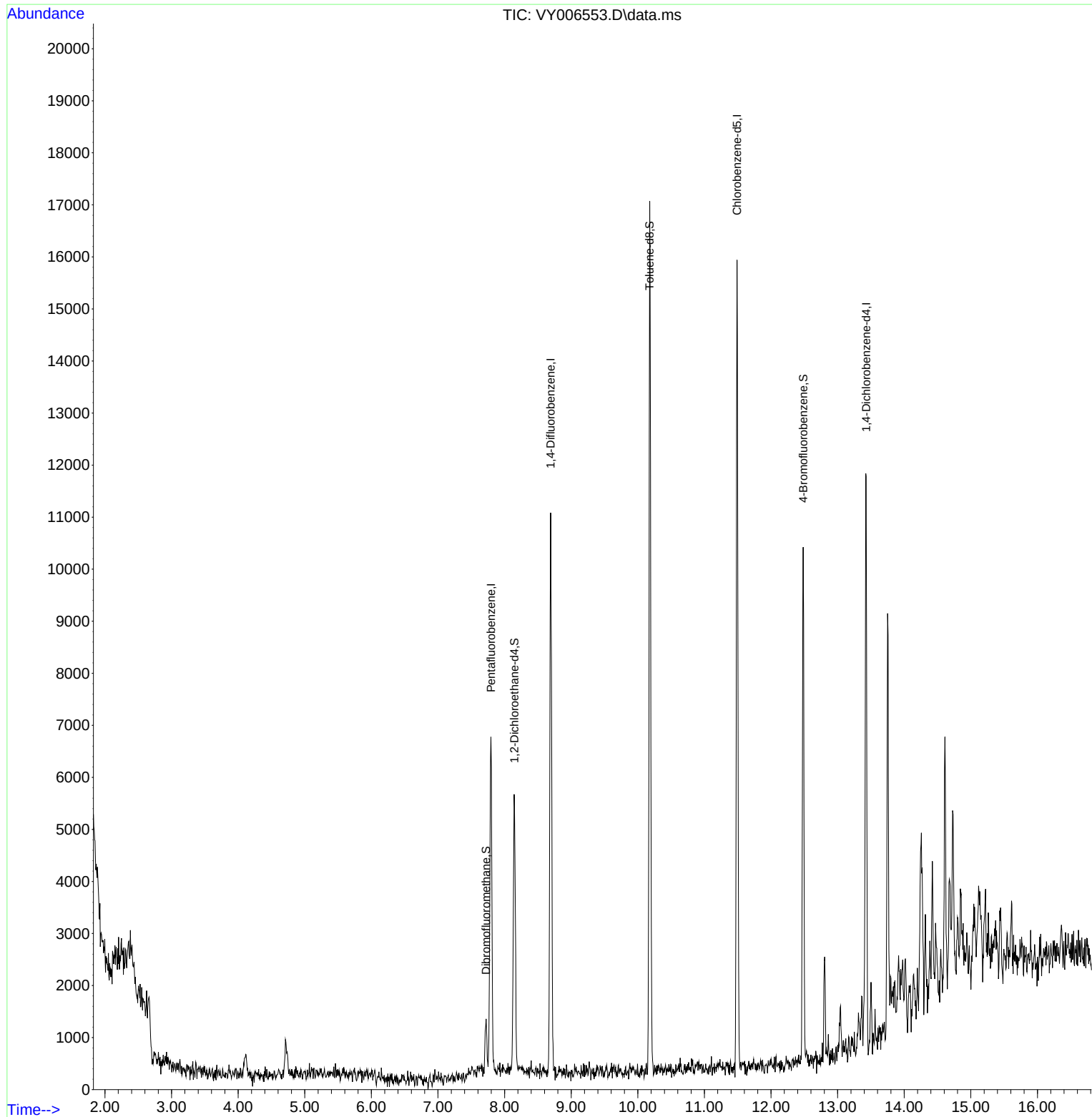
Target Compounds	Qvalue

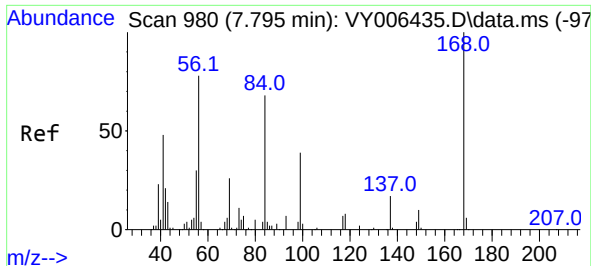
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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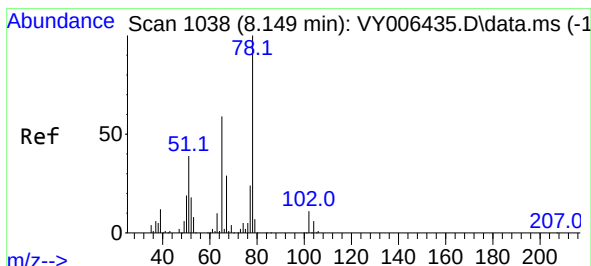
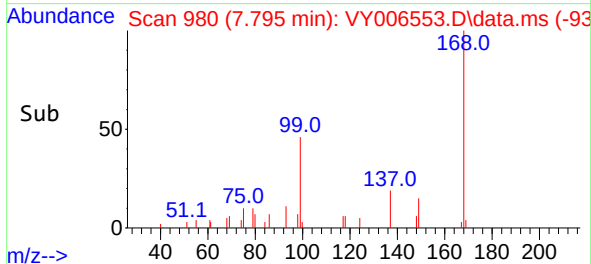
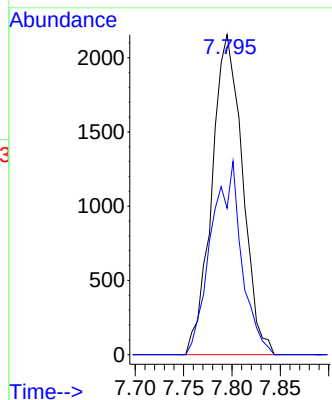
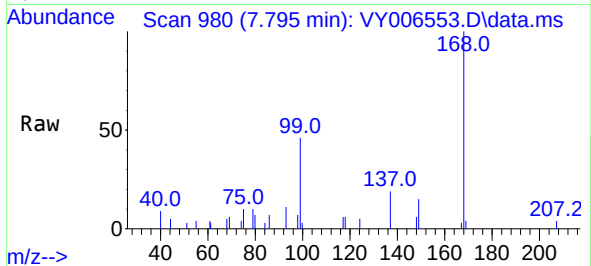




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006553.D
Acq: 01 Nov 2021 15:43

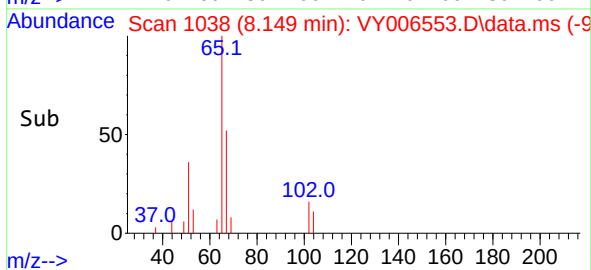
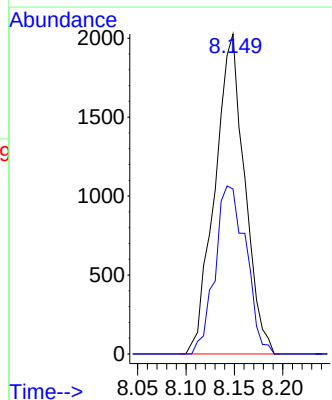
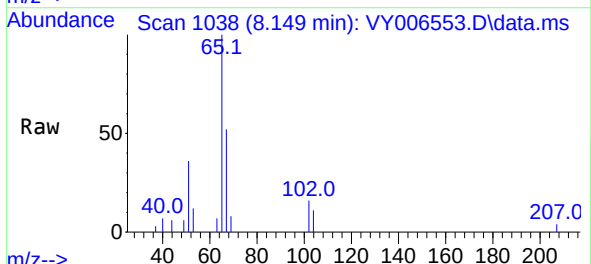
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921

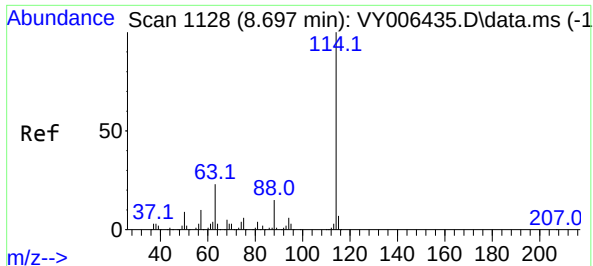
Tgt Ion:168 Resp: 4749
Ion Ratio Lower Upper
168 100
99 45.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 74.282 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006553.D
Acq: 01 Nov 2021 15:43

Tgt Ion: 65 Resp: 4341
Ion Ratio Lower Upper
65 100
67 54.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006553.D

Acq: 01 Nov 2021 15:43

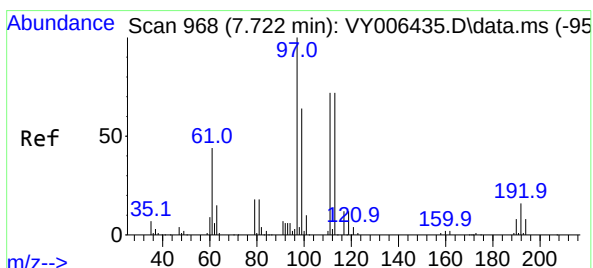
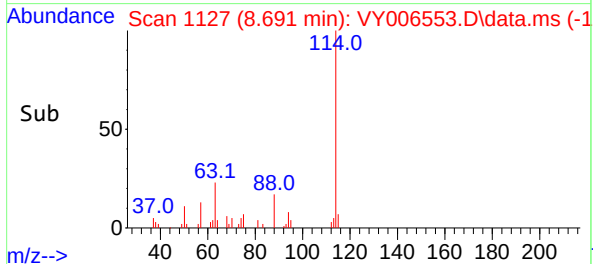
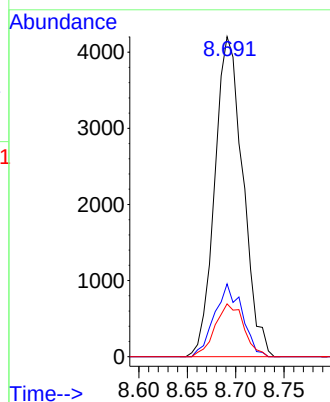
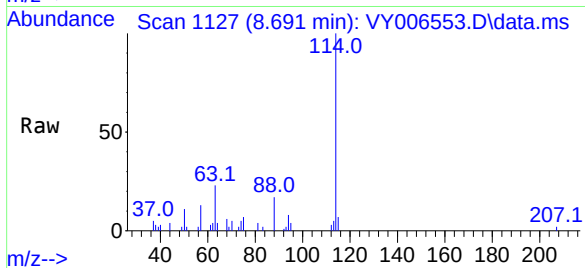
Instrument :

MSVOA_Y

ClientSampleId :

HD-01-102921

Tgt Ion:114	Resp:	8500
Ion	Ratio	Lower Upper
114	100	
63	22.8	0.0 45.0
88	16.5	0.0 30.6



#35

Dibromofluoromethane

Concen: 13.783 ug/l

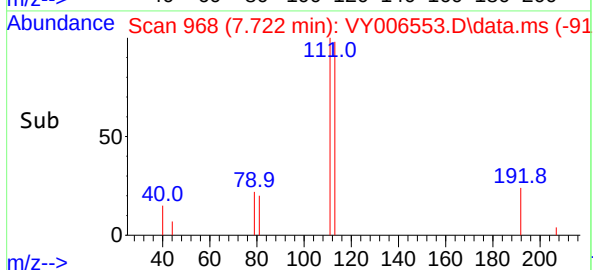
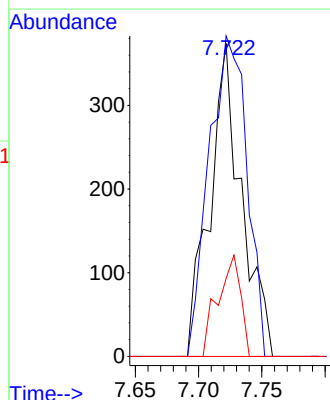
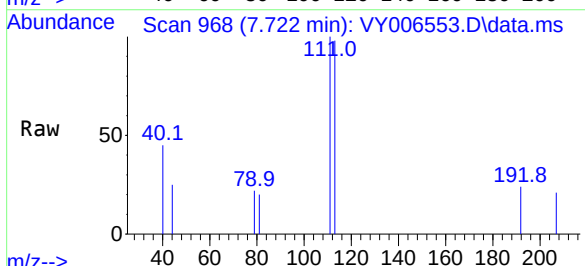
RT: 7.722 min Scan# 968

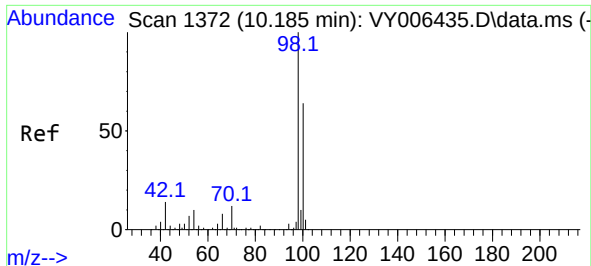
Delta R.T. -0.000 min

Lab File: VY006553.D

Acq: 01 Nov 2021 15:43

Tgt Ion:113	Resp:	653
Ion	Ratio	Lower Upper
113	100	
111	121.6	82.3 123.5
192	23.1	17.4 26.2

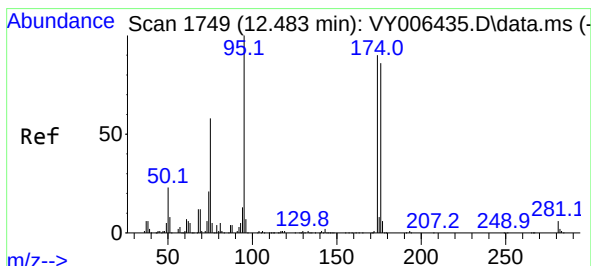
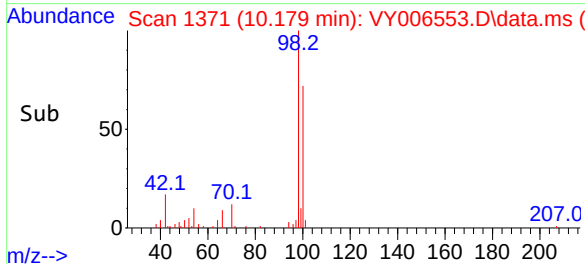
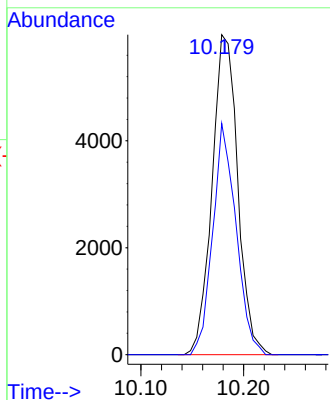
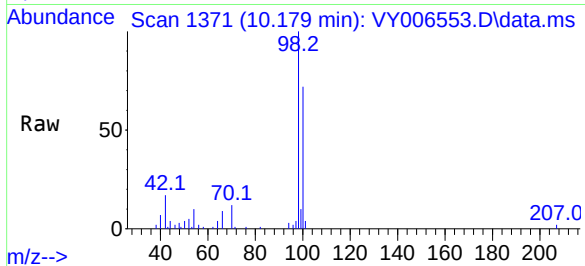




#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006553.D
Acq: 01 Nov 2021 15:43

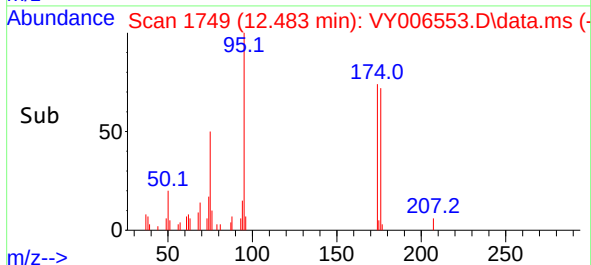
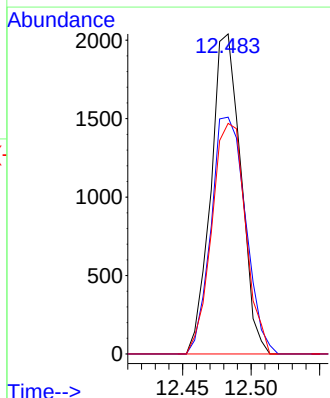
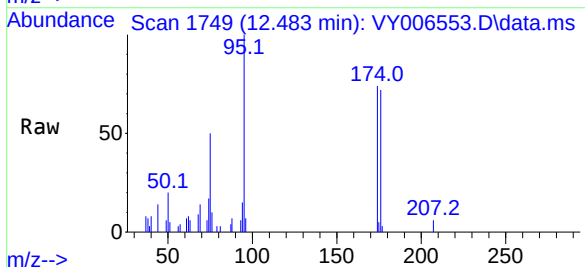
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921

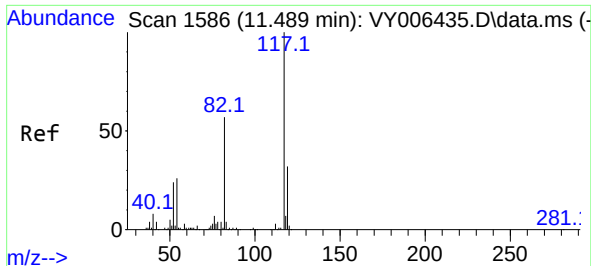
Tgt Ion: 98 Resp: 10382
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006553.D
Acq: 01 Nov 2021 15:43

Tgt Ion: 95 Resp: 3098
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.2 0.0 169.4

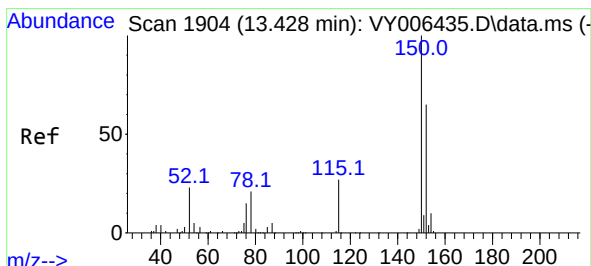
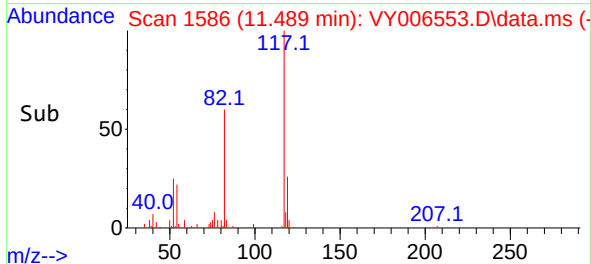
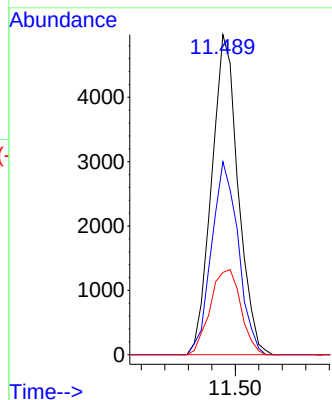
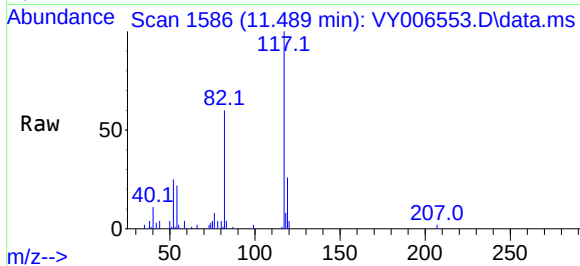




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006553.D
Acq: 01 Nov 2021 15:43

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921

Tgt Ion:	117	Resp:	7785
Ion	Ratio	Lower	Upper
117	100		
82	60.3	45.7	68.5
119	25.7	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: VY006553.D
Acq: 01 Nov 2021 15:43

Tgt Ion:	152	Resp:	2626
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.5	85.5
150	148.5	0.0	348.2

