

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007527.D
 Acq On : 17 Feb 2022 17:01
 Operator : SY/MD
 Sample : N1580-02
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-2

Quant Time: Feb 18 07:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	144199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44701	51.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.340%
35) Dibromofluoromethane	7.716	113	46447	52.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.179	98	175556	52.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.477	95	65322	57.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.760%

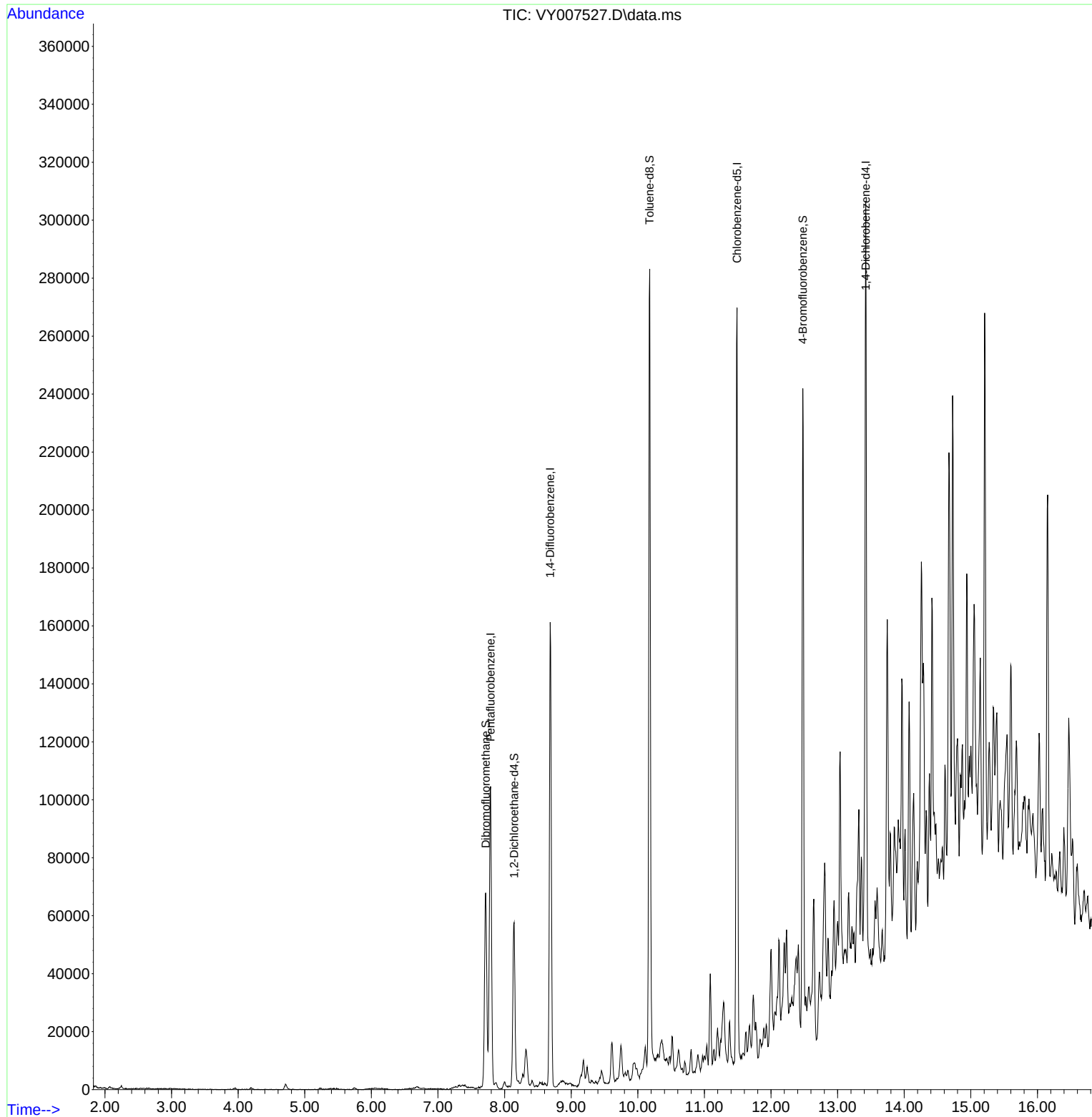
Target Compounds	Qvalue

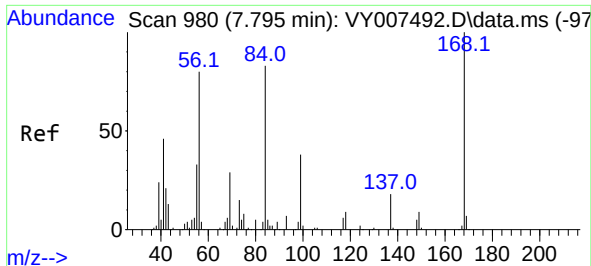
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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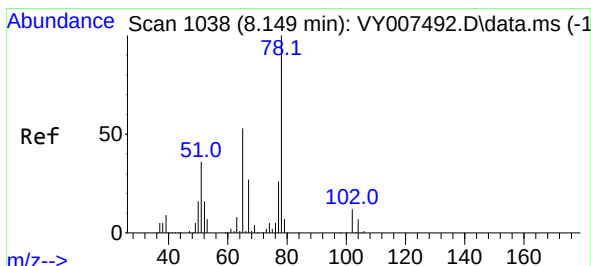
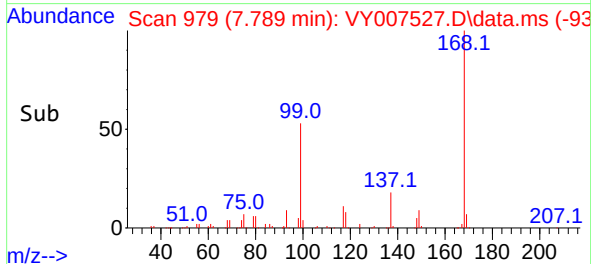
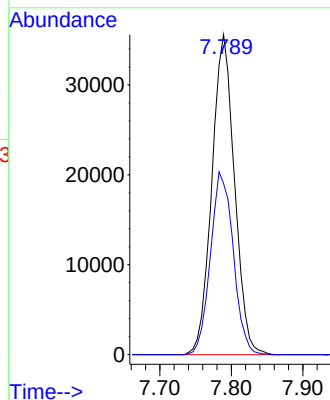
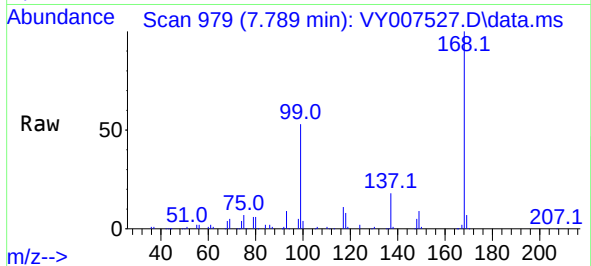




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

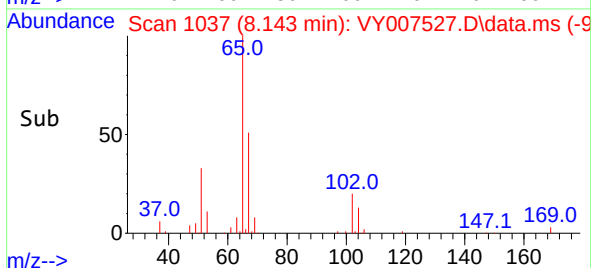
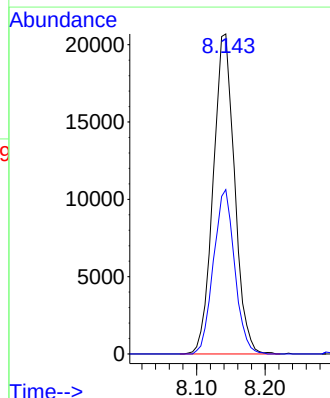
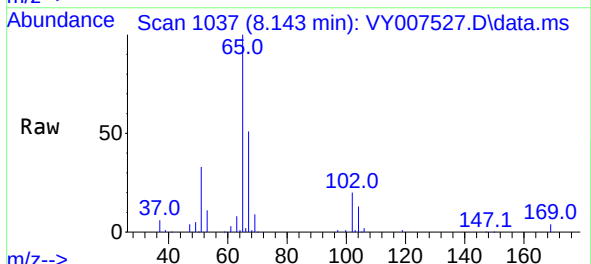
Instrument :
MSVOA_Y
ClientSampleId :
D-2

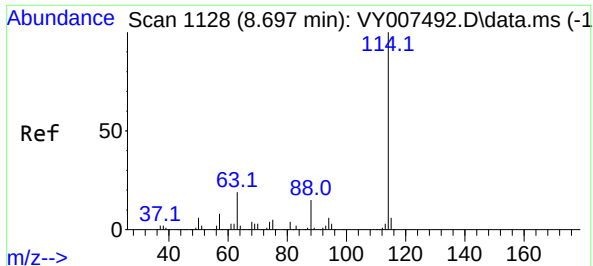
Tgt Ion:168 Resp: 78354
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.673 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

Tgt Ion: 65 Resp: 44701
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007527.D

Acq: 17 Feb 2022 17:01

Instrument :

MSVOA_Y

ClientSampleId :

D-2

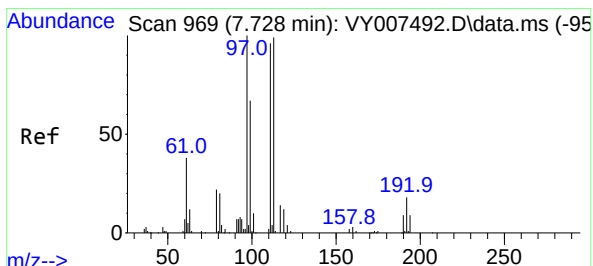
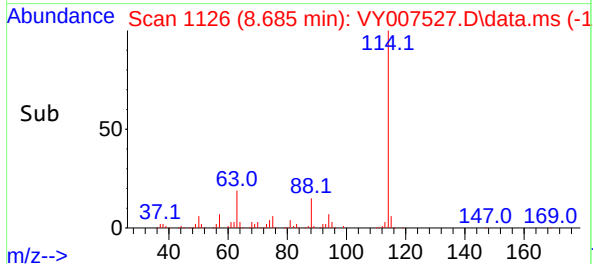
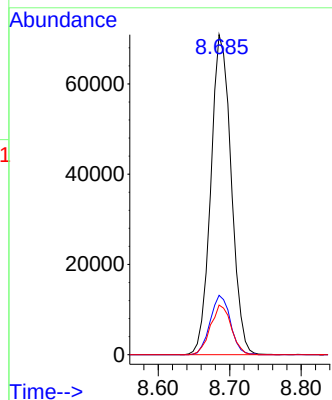
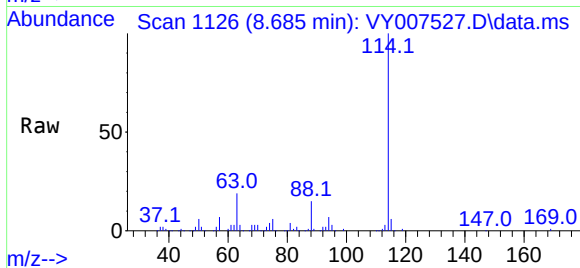
Tgt Ion:114 Resp: 140162

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.548 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007527.D

Acq: 17 Feb 2022 17:01

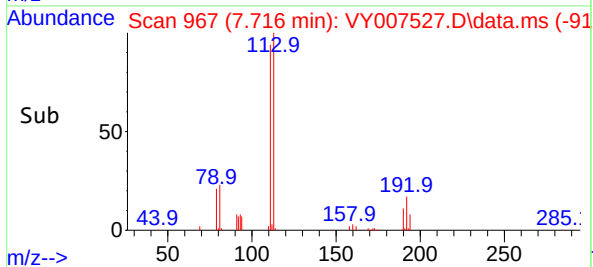
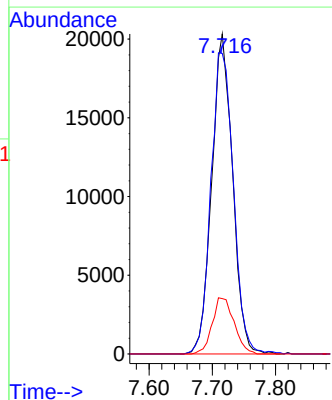
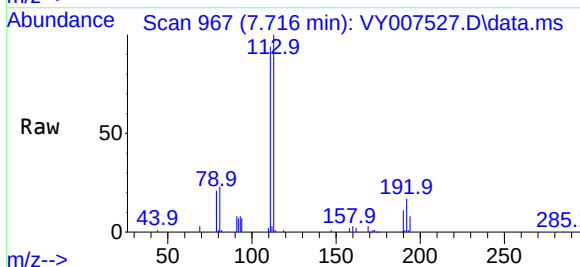
Tgt Ion:113 Resp: 46447

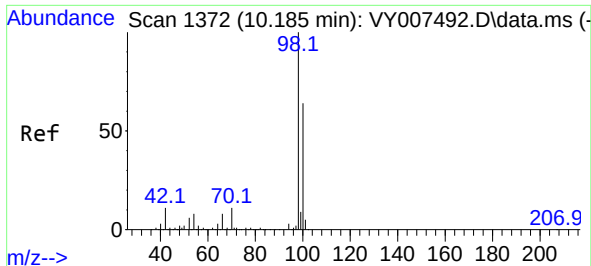
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.4 17.6 26.4

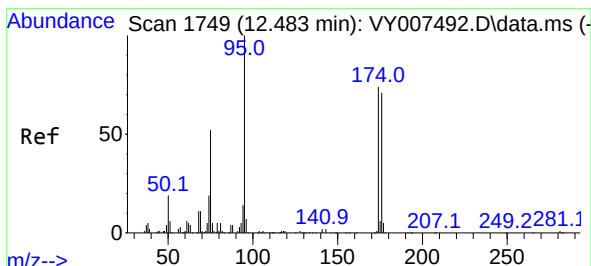
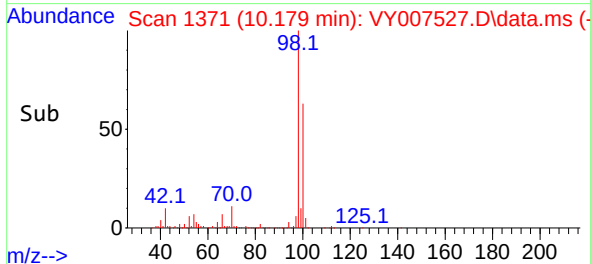
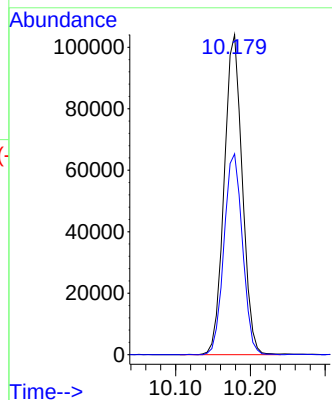
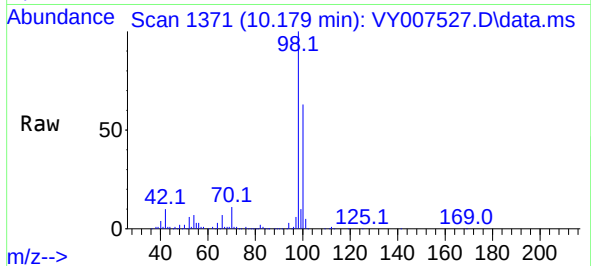




#50
Toluene-d8
Concen: 52.293 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

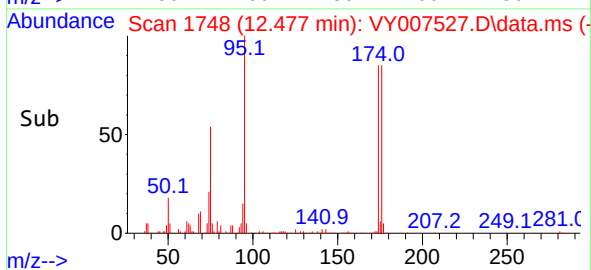
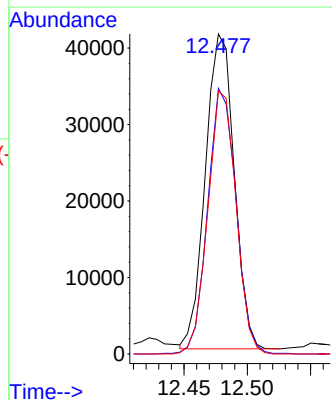
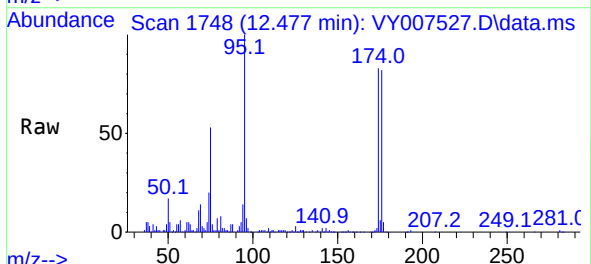
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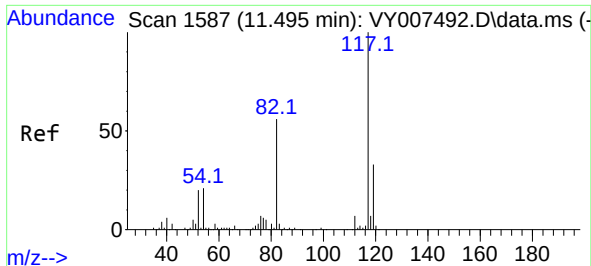
Tgt Ion: 98 Resp: 175556
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.384 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

Tgt Ion: 95 Resp: 65322
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.6 0.0 175.8

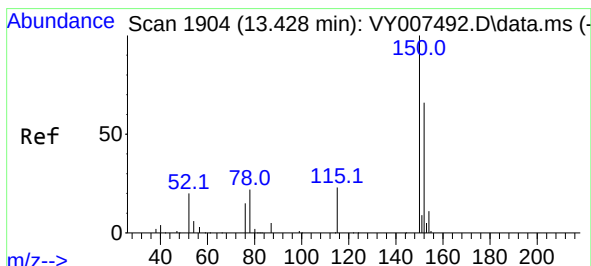
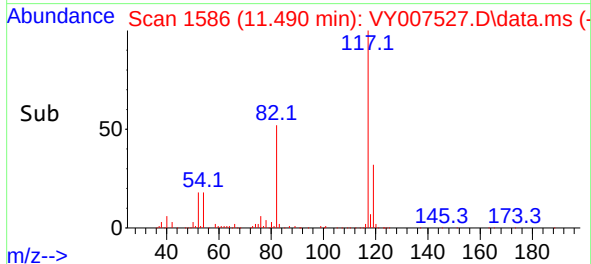
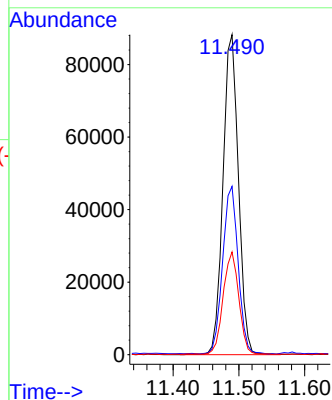
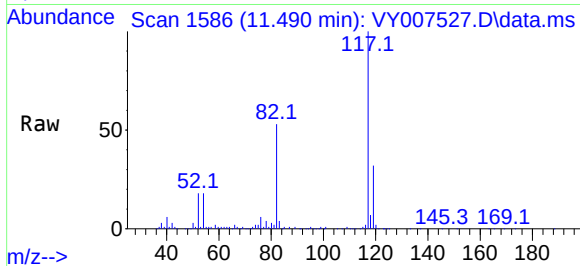




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
D-2

Tgt Ion:117	Resp:	144199
Ion	Ratio	Lower Upper
117	100	
82	52.3	43.0 64.4
119	32.0	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007527.D
Acq: 17 Feb 2022 17:01

Tgt Ion:152	Resp:	66844
Ion	Ratio	Lower Upper
152	100	
115	58.2	28.2 84.7
150	153.8	0.0 347.6

