

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008332.D
 Acq On : 14 Apr 2022 17:01
 Operator : KP/MD
 Sample : N2401-02
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-2-11.5

Quant Time: Apr 15 06:15:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	42375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	72763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22655	56.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.840%
35) Dibromofluoromethane	7.716	113	22701	54.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.040%
50) Toluene-d8	10.179	98	84872	59.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.040%
62) 4-Bromofluorobenzene	12.483	95	29225	54.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.060%

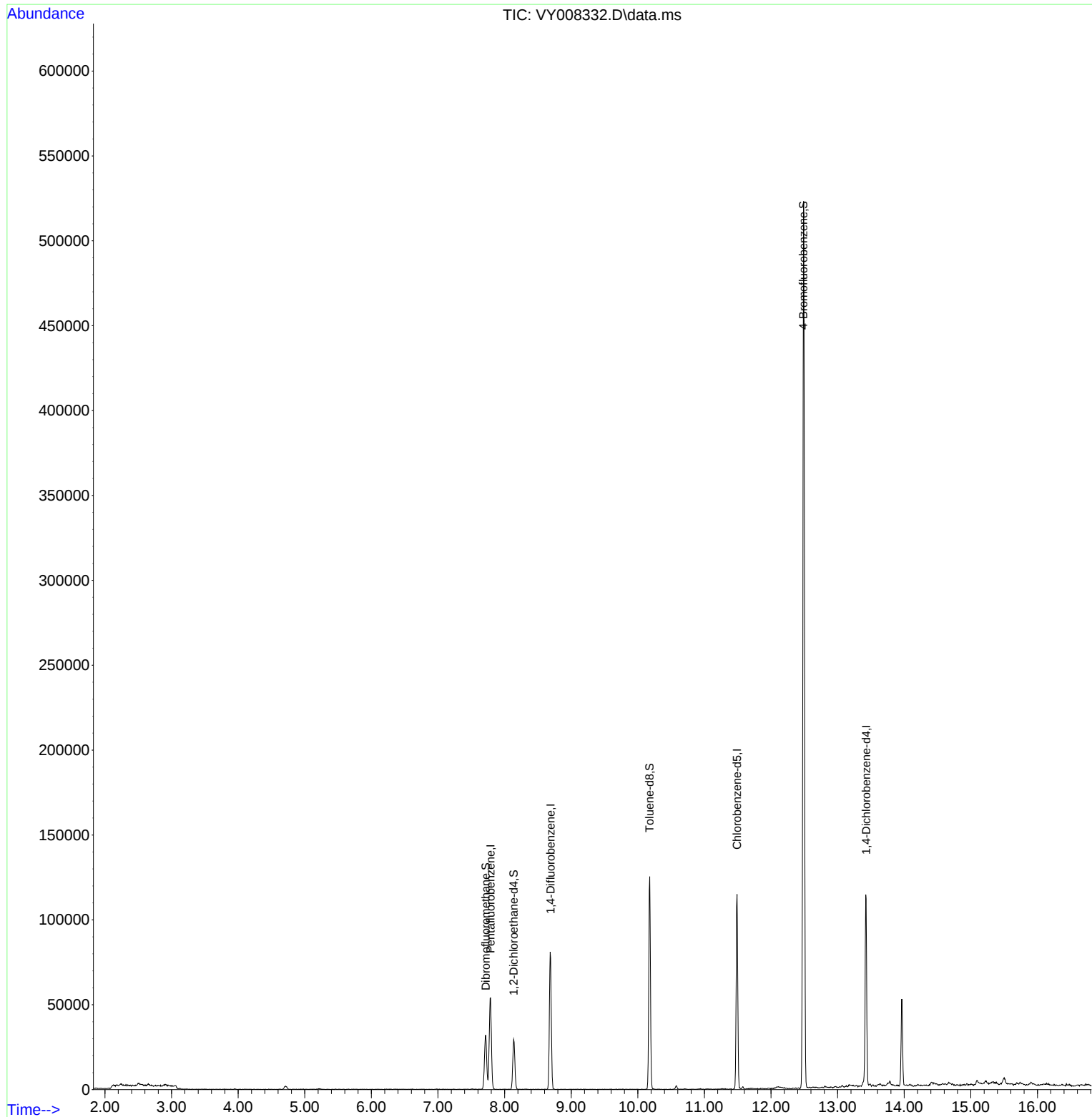
Target Compounds	Qvalue

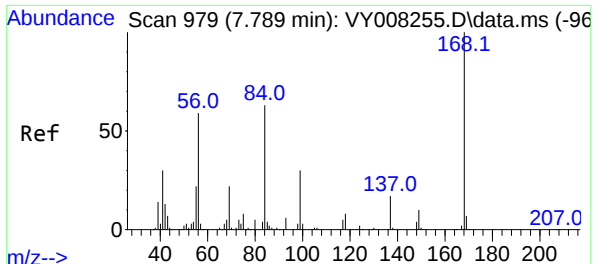
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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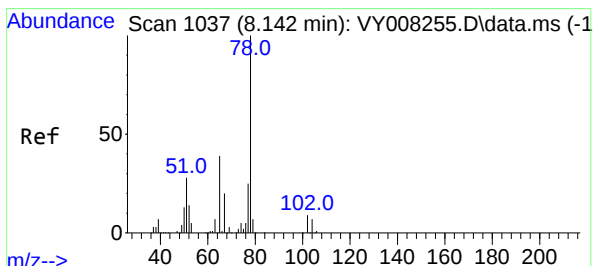
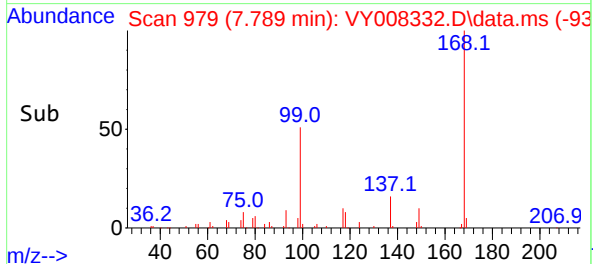
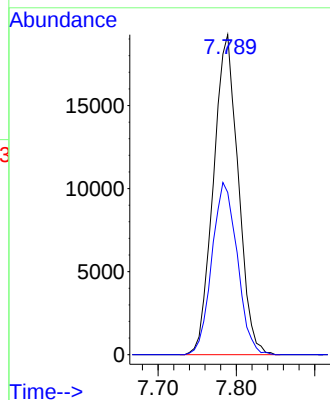
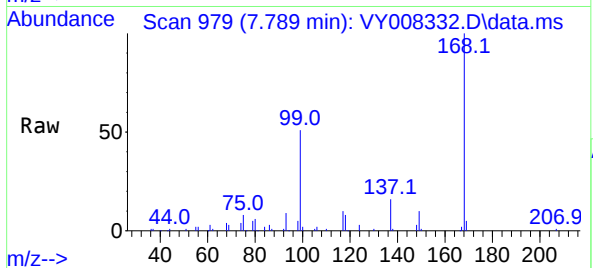




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

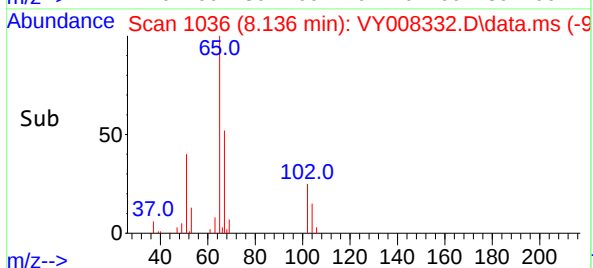
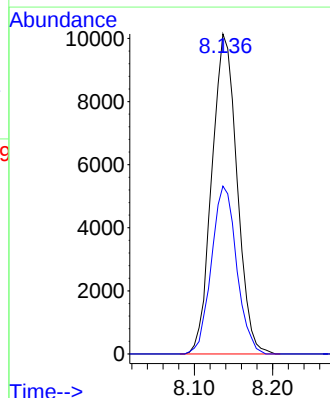
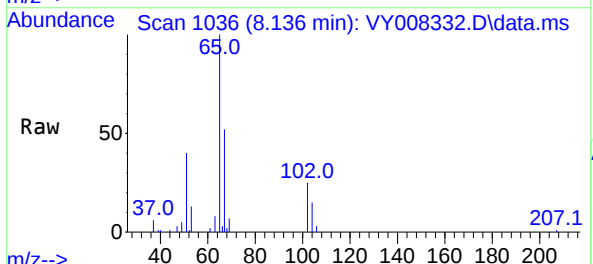
Instrument :
MSVOA_Y
ClientSampleId :
CL-2-11.5

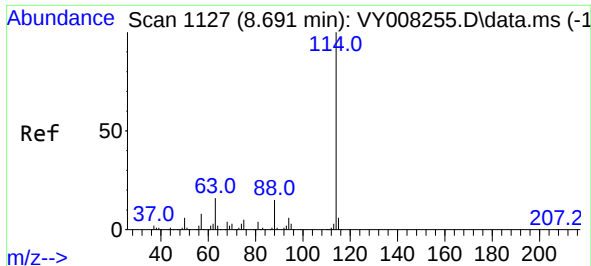
Tgt Ion:168 Resp: 42375
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.917 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

Tgt Ion: 65 Resp: 22655
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008332.D

Acq: 14 Apr 2022 17:01

Instrument :

MSVOA_Y

ClientSampleId :

CL-2-11.5

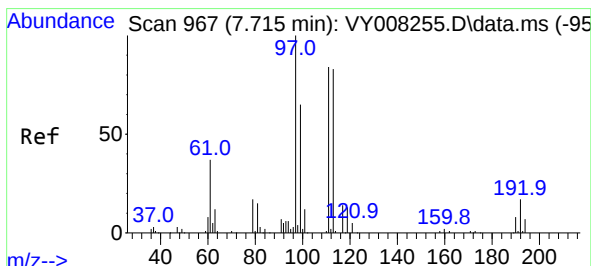
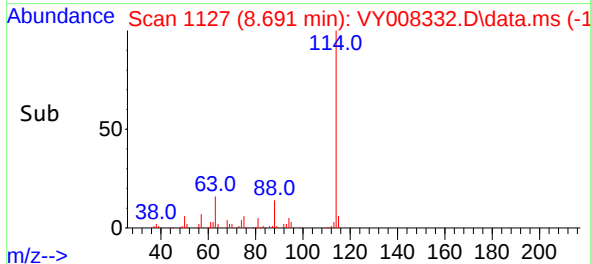
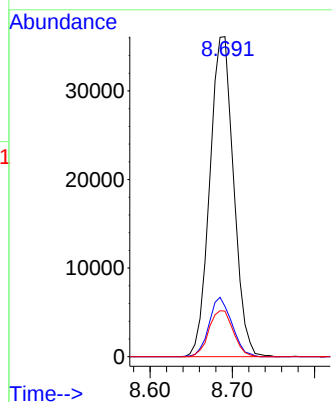
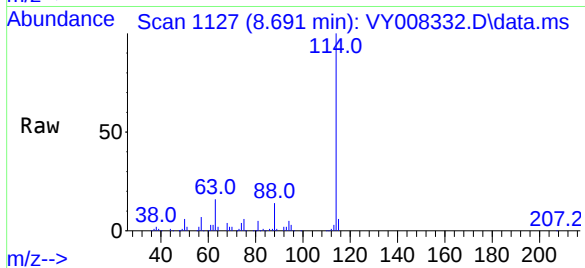
Tgt Ion:114 Resp: 72763

Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.016 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008332.D

Acq: 14 Apr 2022 17:01

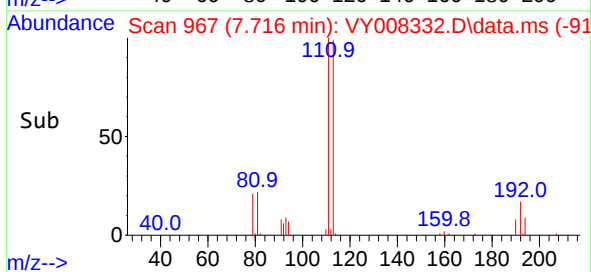
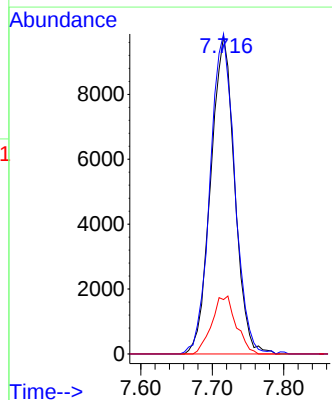
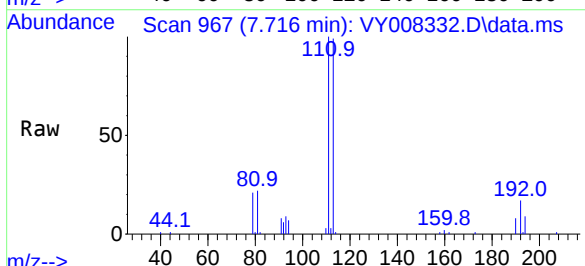
Tgt Ion:113 Resp: 22701

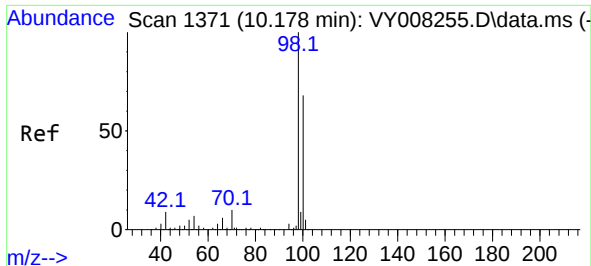
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.5 17.6 26.4

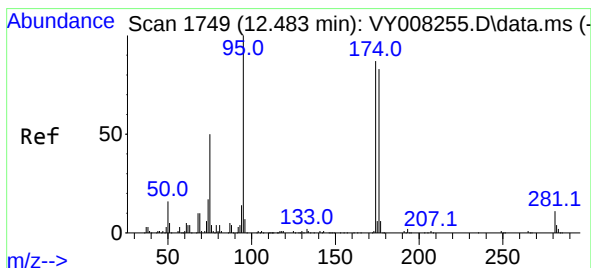
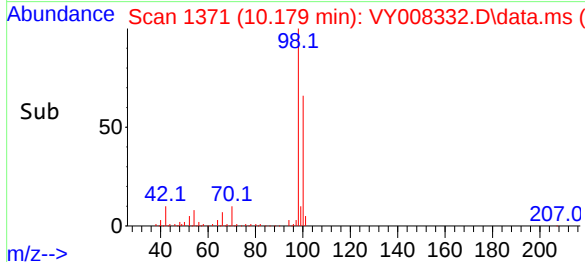
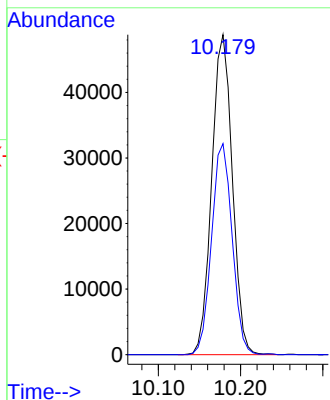
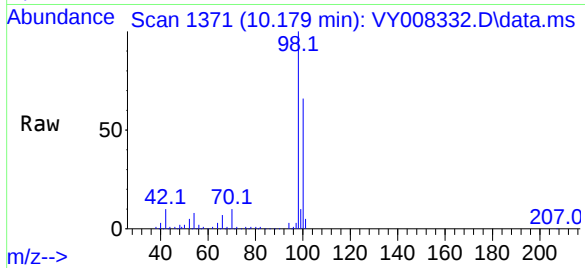




#50
Toluene-d8
Concen: 59.018 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

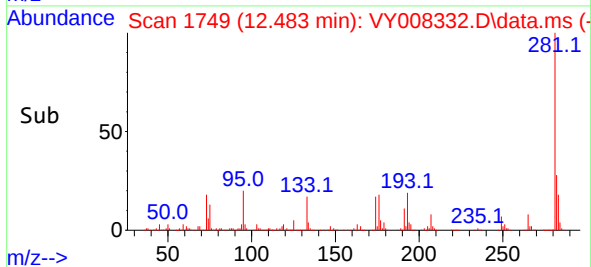
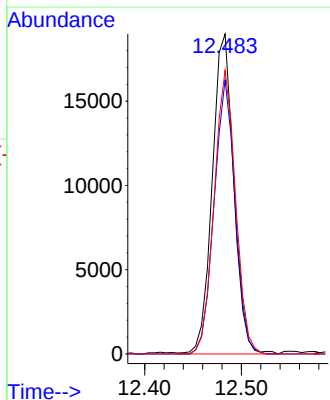
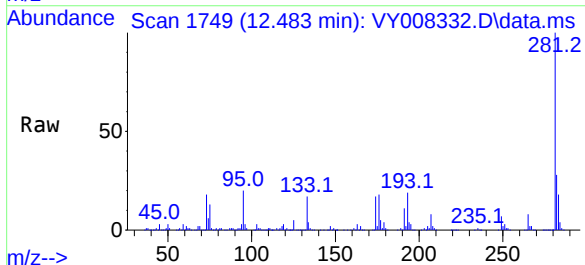
Instrument :
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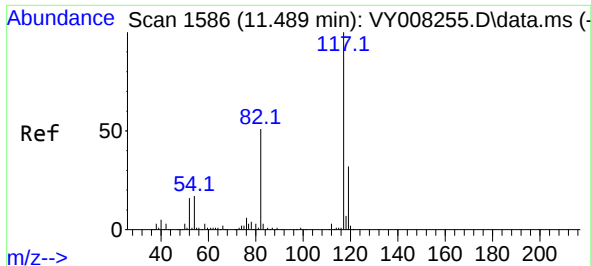
Tgt Ion: 98 Resp: 84872
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.031 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

Tgt Ion: 95 Resp: 29225
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 88.4 0.0 175.8

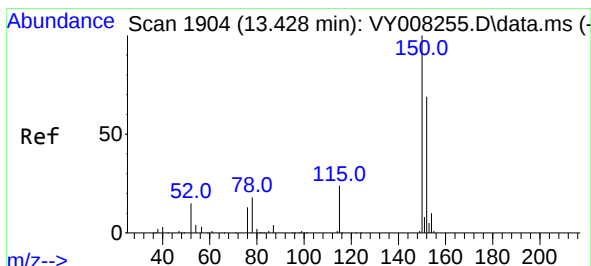
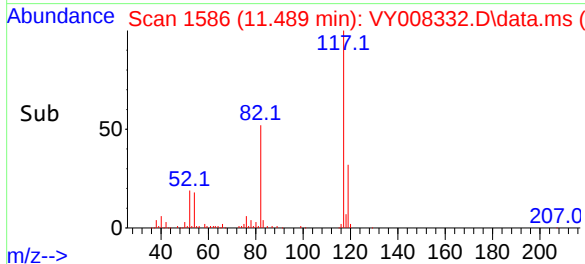
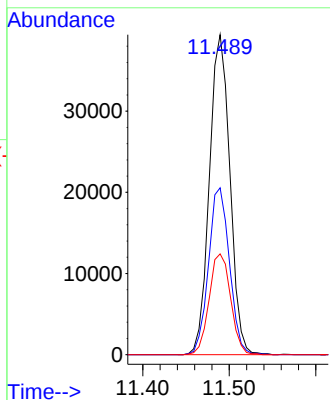
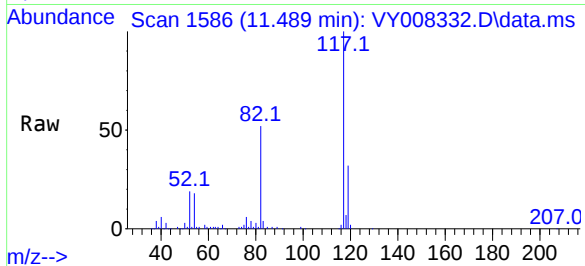




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
CL-2-11.5

Tgt Ion:	117	Resp:	64906
Ion Ratio	Lower	Upper	
117	100		
82	52.2	43.0	64.4
119	31.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008332.D
Acq: 14 Apr 2022 17:01

Tgt Ion:	152	Resp:	28669
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.2	84.7
150	155.2	0.0	347.6

