

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012482.D
 Acq On : 03 Feb 2023 17:10
 Operator : KP/MD
 Sample : 01414-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-123-2(65-72)

Quant Time: Feb 04 00:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	172121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103736	74.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.300%
35) Dibromofluoromethane	7.716	113	87446	55.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.800%
50) Toluene-d8	10.179	98	343422	64.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.260%
62) 4-Bromofluorobenzene	12.483	95	112544	51.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.080%

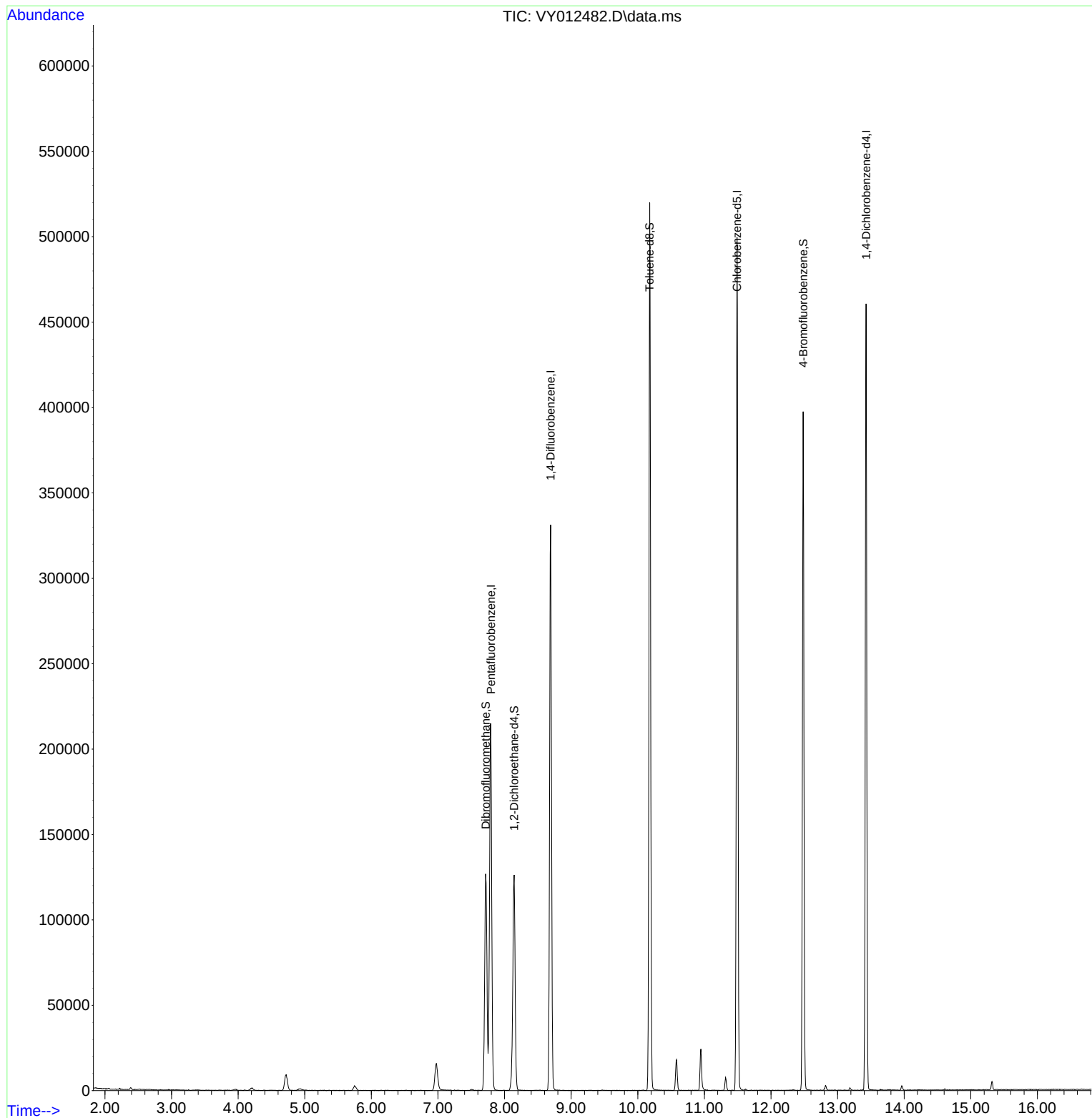
Target Compounds	Qvalue

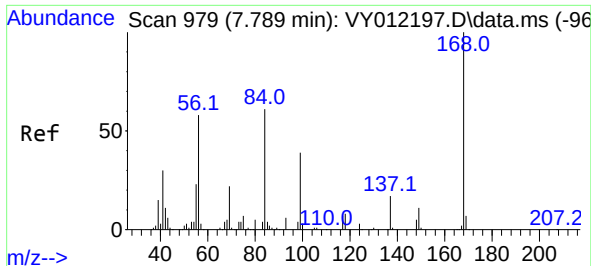
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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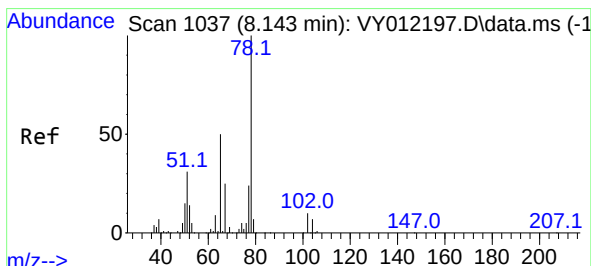
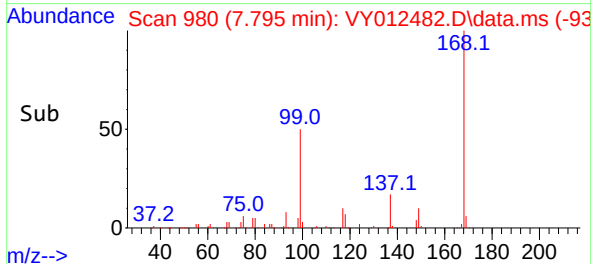
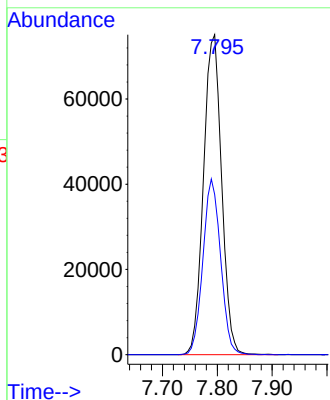
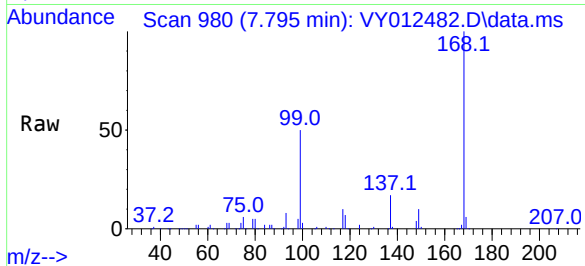




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

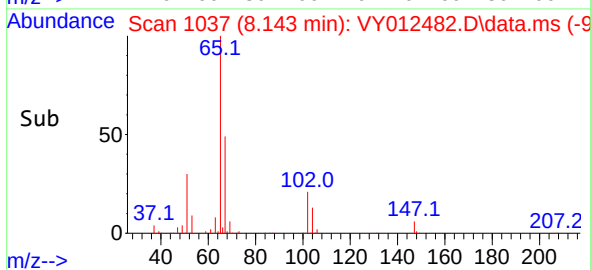
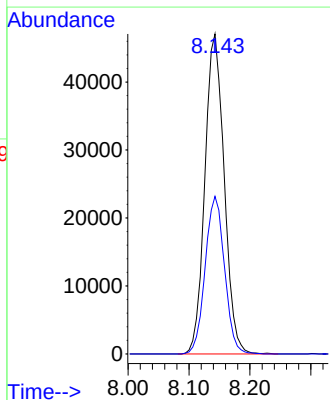
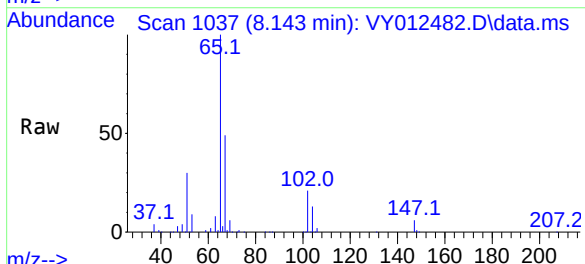
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(65-72)

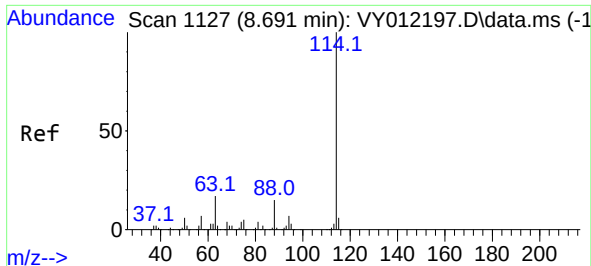
Tgt Ion:168 Resp: 172121
Ion Ratio Lower Upper
168 100
99 50.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.649 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

Tgt Ion: 65 Resp: 103736
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012482.D

Acq: 03 Feb 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-123-2(65-72)

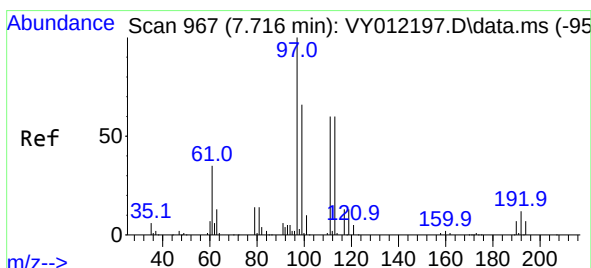
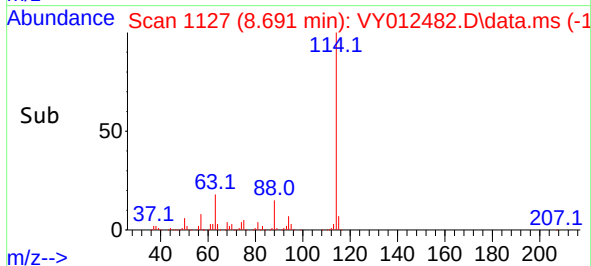
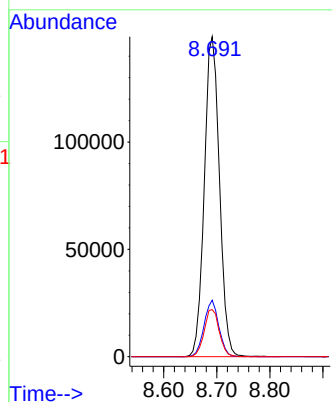
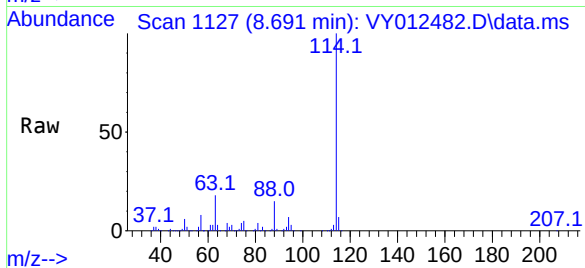
Tgt Ion:114 Resp: 295428

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.901 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012482.D

Acq: 03 Feb 2023 17:10

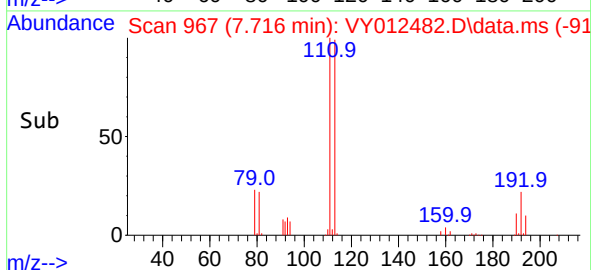
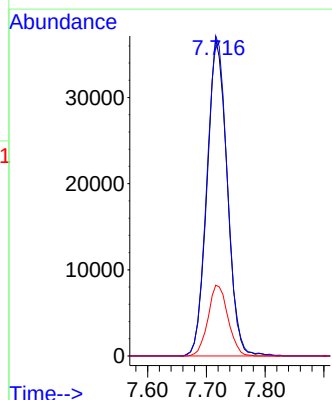
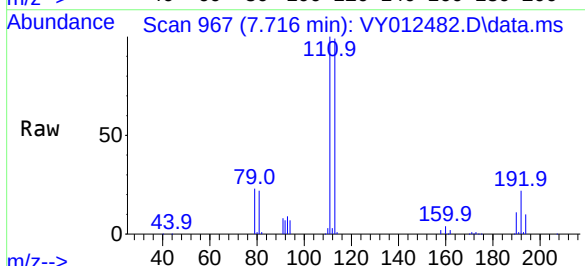
Tgt Ion:113 Resp: 87446

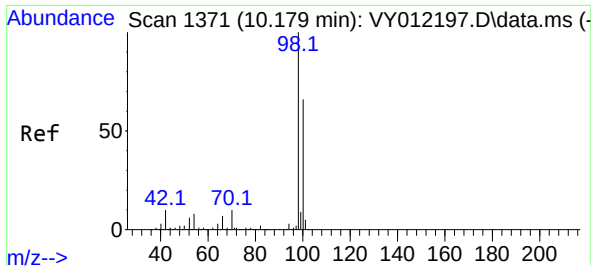
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 22.1 16.0 24.0

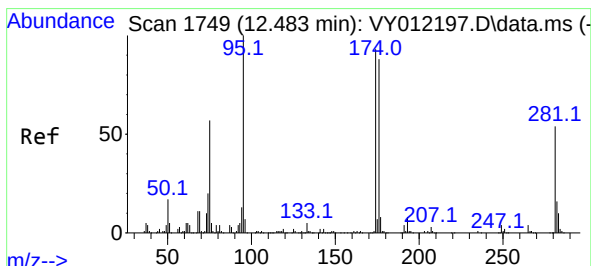
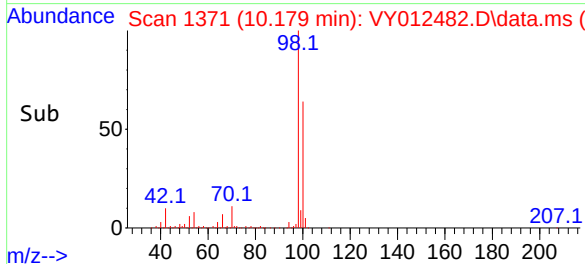
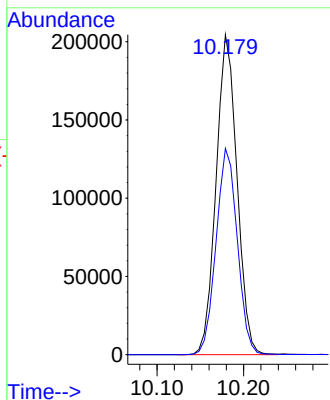
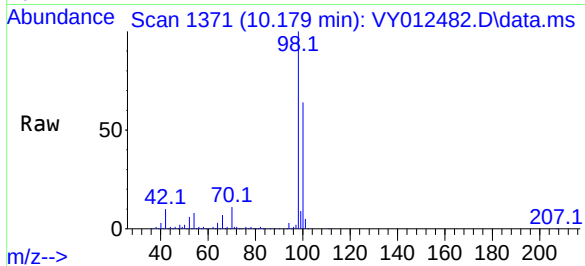




#50
Toluene-d8
Concen: 64.630 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

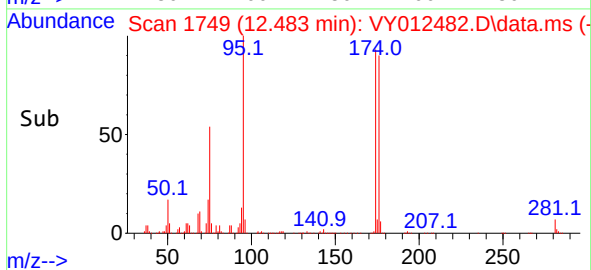
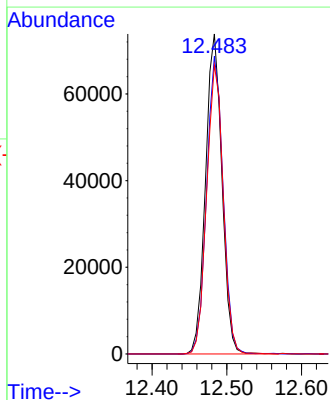
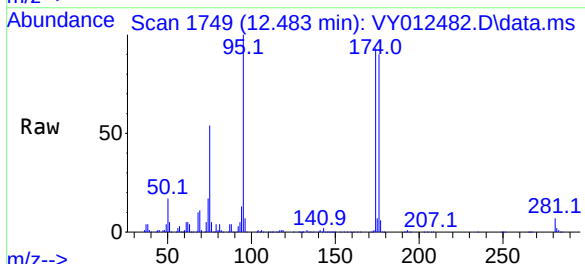
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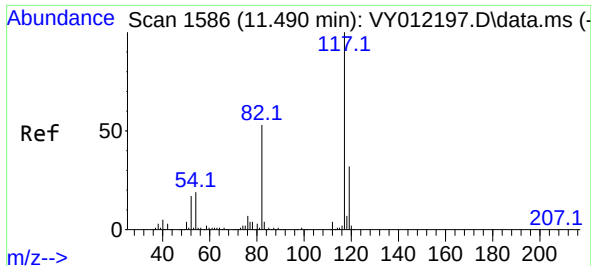
Tgt Ion: 98 Resp: 343422
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

Tgt Ion: 95 Resp: 112544
Ion Ratio Lower Upper
95 100
174 93.6 0.0 172.0
176 91.2 0.0 167.6

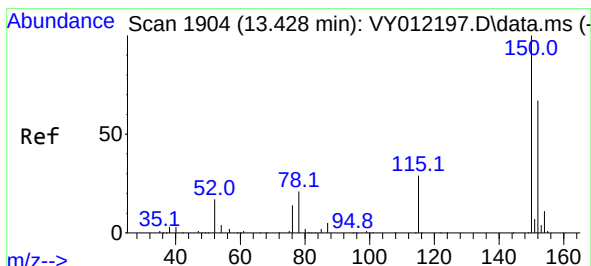
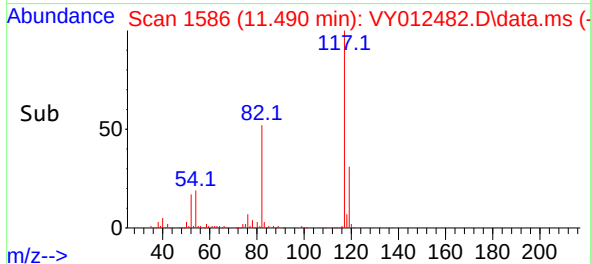
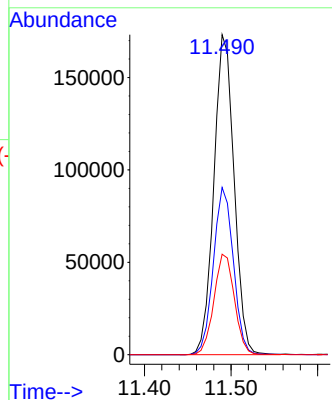
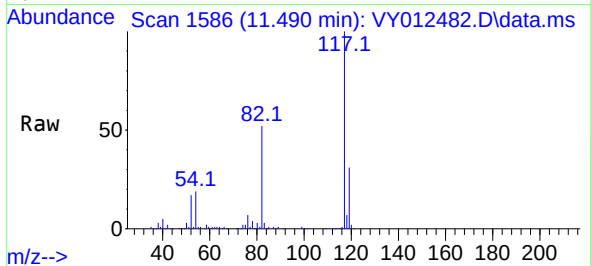




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(65-72)

Tgt Ion:117 Resp: 280835
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012482.D
Acq: 03 Feb 2023 17:10

Tgt Ion:152 Resp: 122124
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.3
150 158.7 0.0 342.6

