

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008036.D
 Acq On : 26 Mar 2022 11:23
 Operator : SY/MD
 Sample : VY0326SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBL01

Quant Time: Mar 28 09:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	145652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81569	55.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.640%
35) Dibromofluoromethane	7.716	113	81011	49.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	313742	51.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.483	95	105294	48.805	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.600%

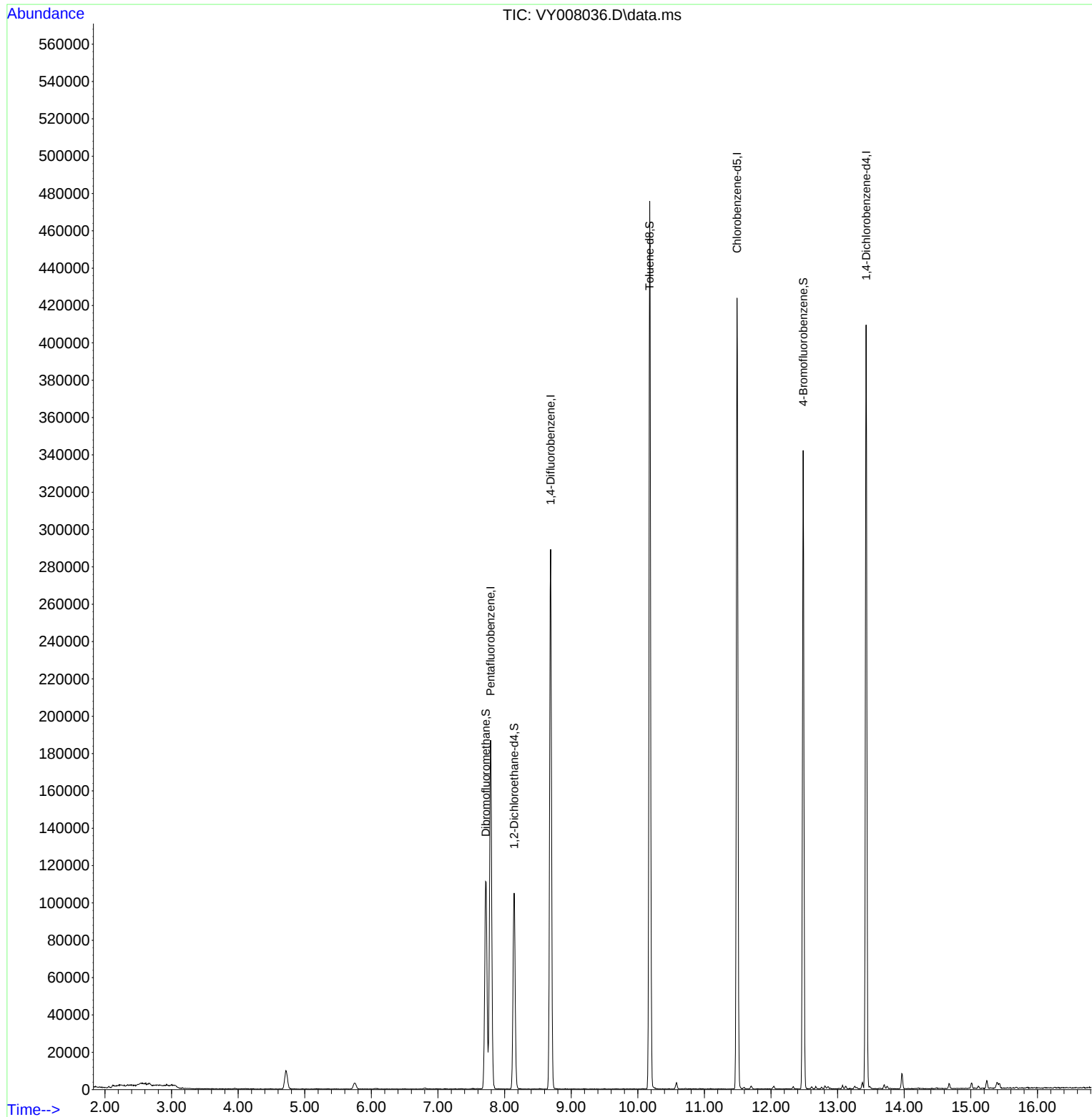
Target Compounds	Qvalue

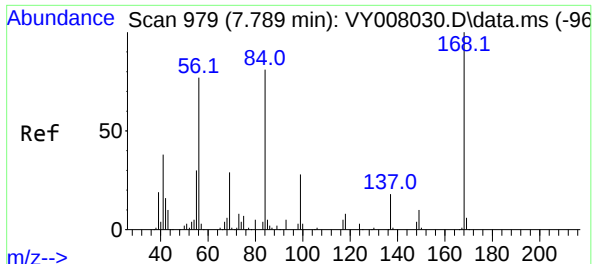
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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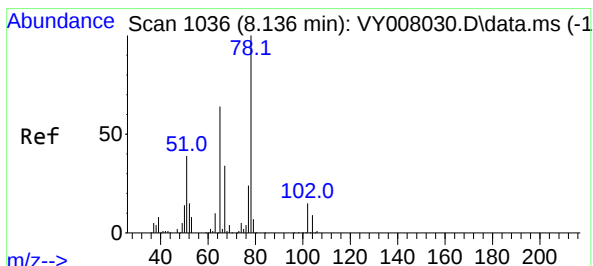
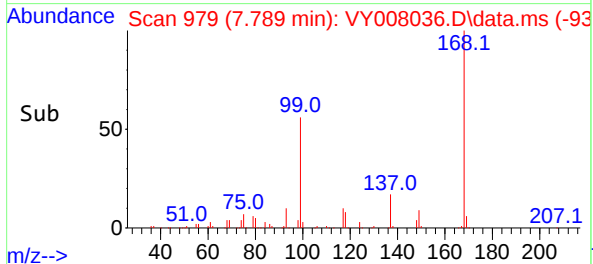
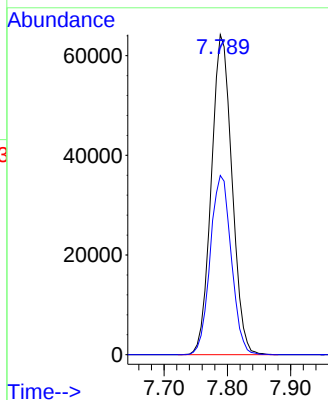
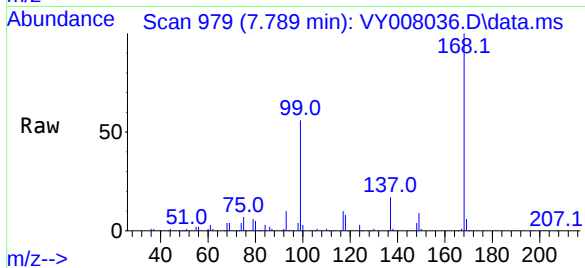




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

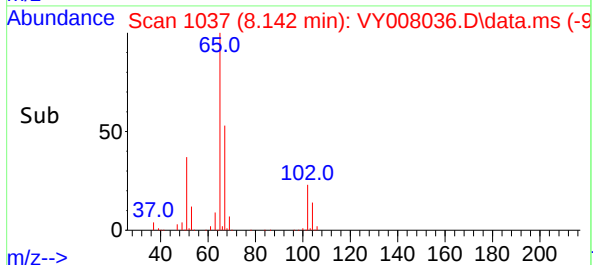
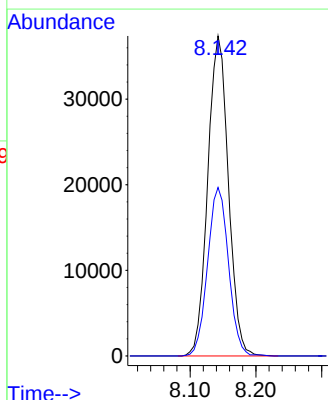
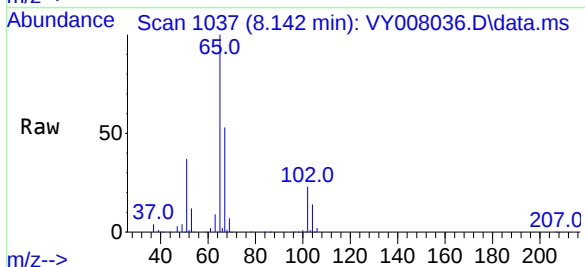
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

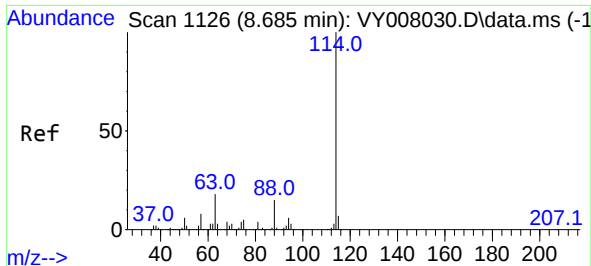
Tgt Ion:168 Resp: 145652
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.818 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion: 65 Resp: 81569
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

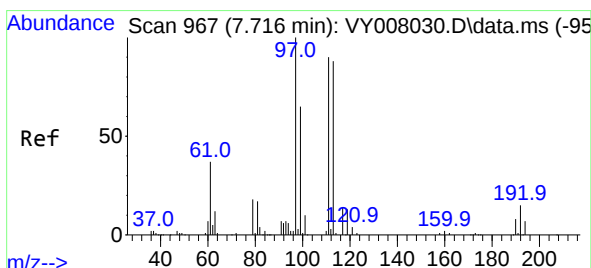
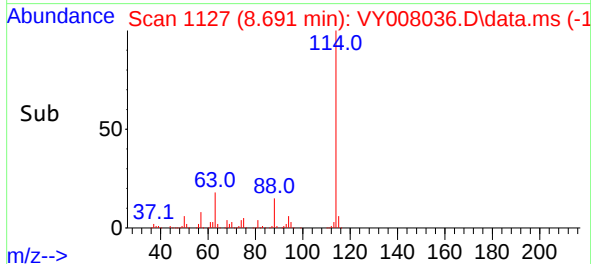
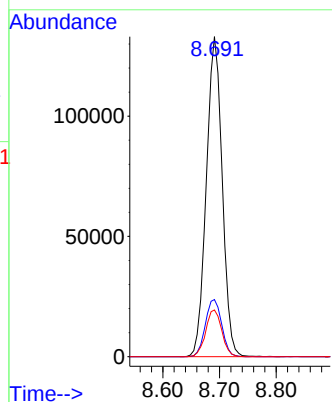
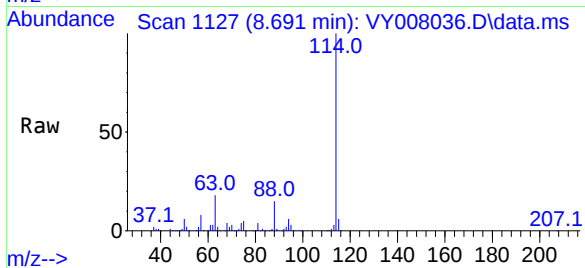
Tgt Ion:114 Resp: 258886

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

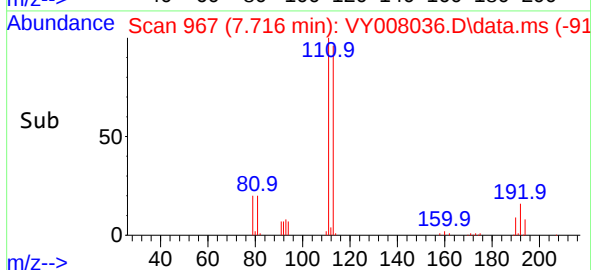
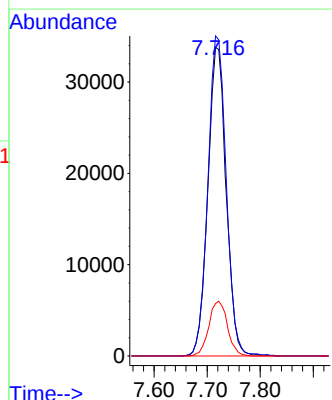
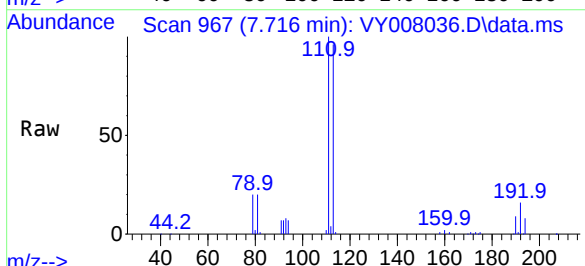
Tgt Ion:113 Resp: 81011

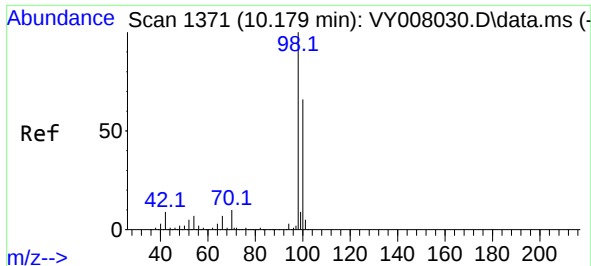
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.1 17.6 26.4

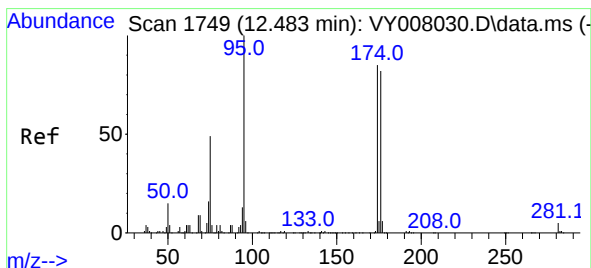
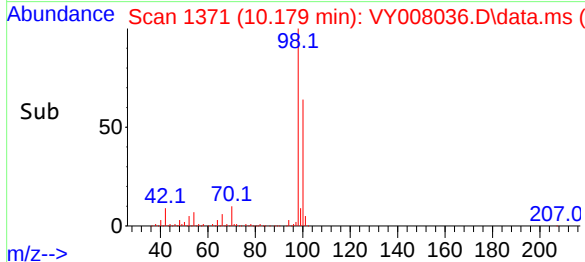
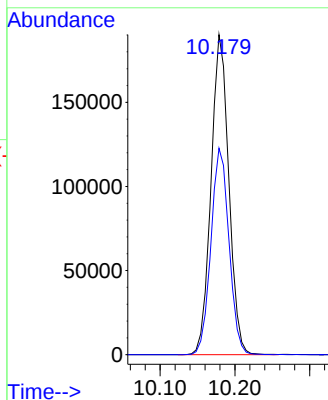
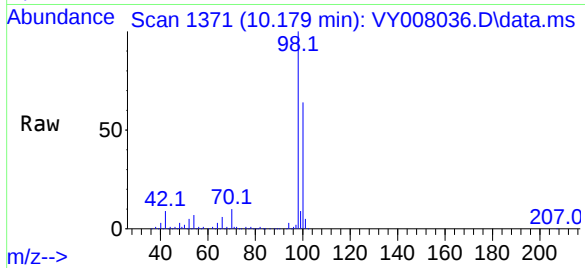




#50
Toluene-d8
Concen: 51.305 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

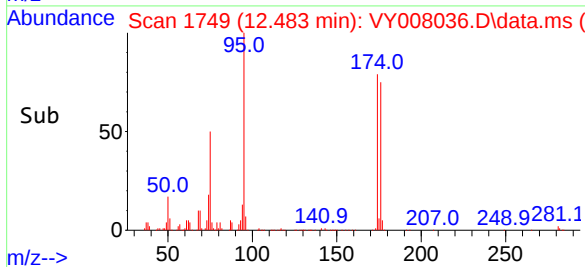
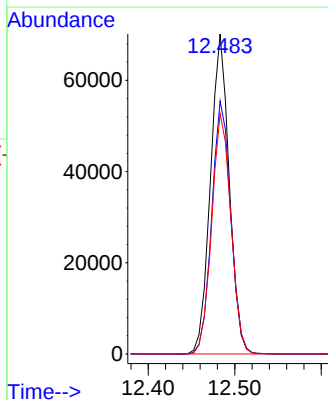
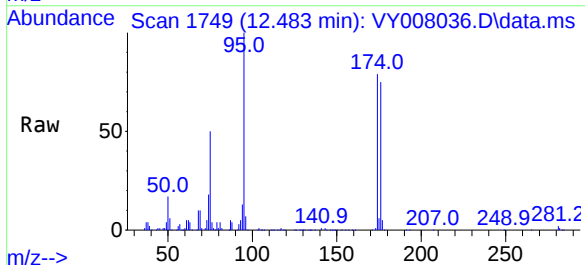
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

Tgt Ion: 98 Resp: 313742
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion: 95 Resp: 105294
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 77.1 0.0 175.8

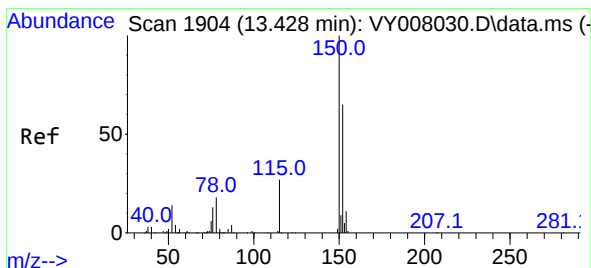
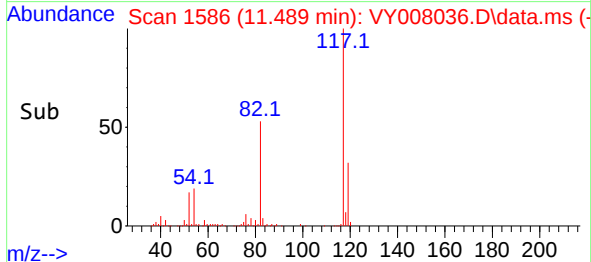
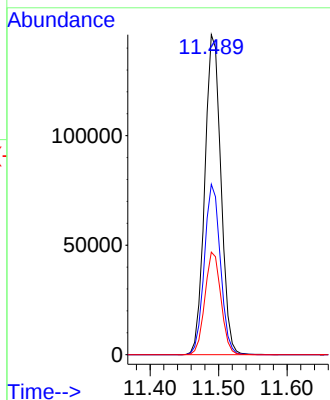
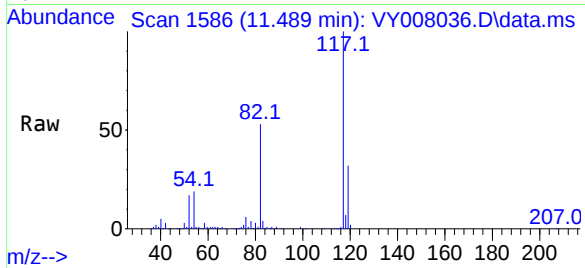




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

Tgt Ion:117 Resp: 239492
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.0 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: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion:152 Resp: 104284
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 157.1 0.0 347.6

