

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008595.D
 Acq On : 03 May 2022 16:29
 Operator : KP/MD
 Sample : N2618-01
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: May 04 02:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59263	46.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.716	113	66666	46.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.179	98	253943	50.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.483	95	89837	48.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%

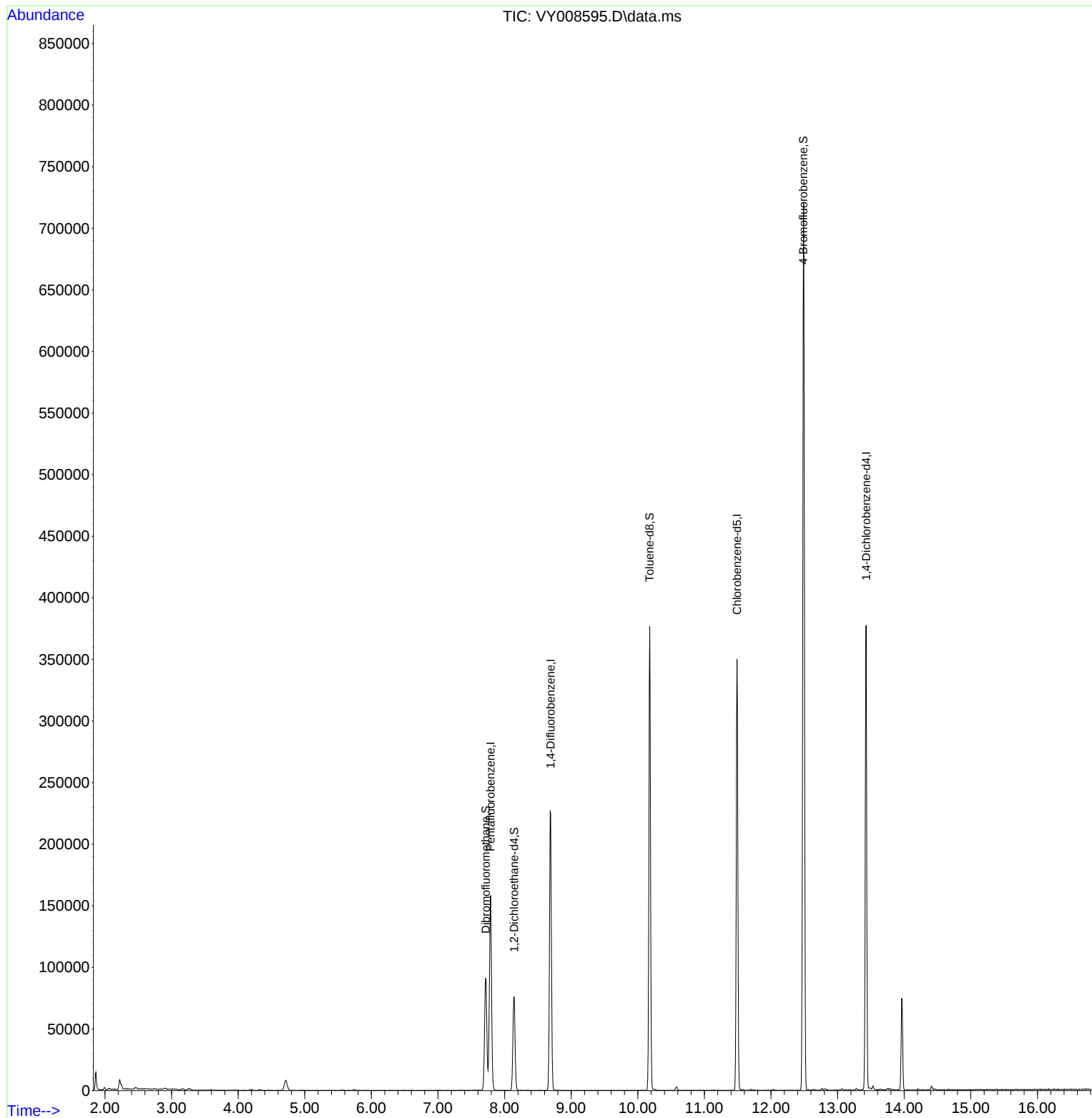
Target Compounds	Qvalue

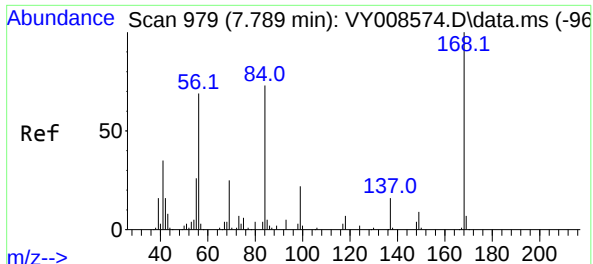
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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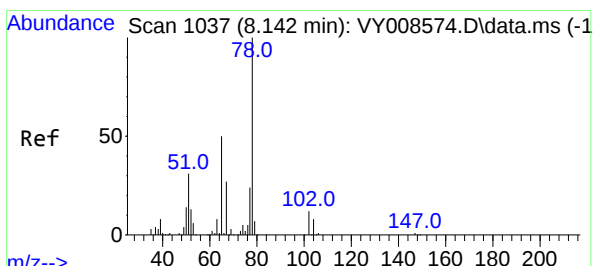
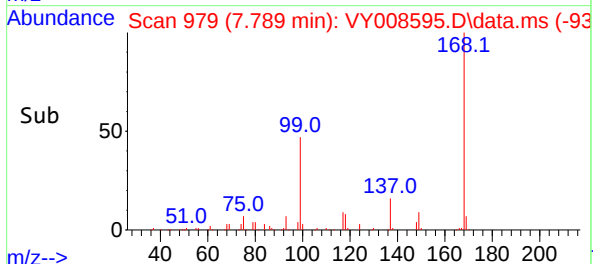
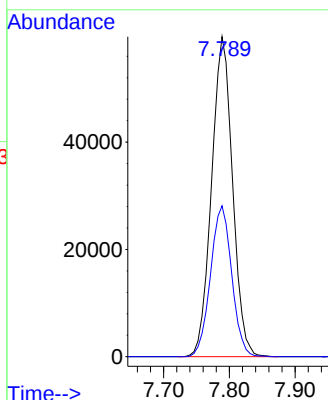
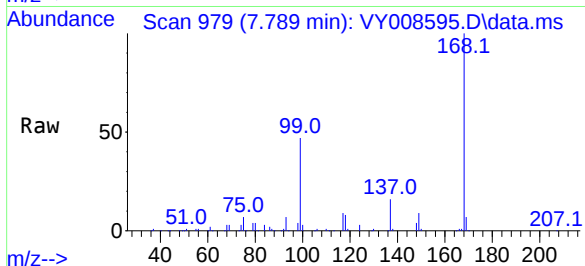




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

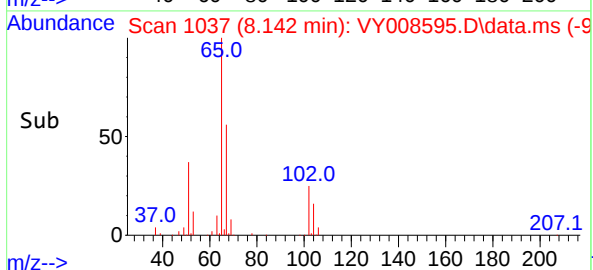
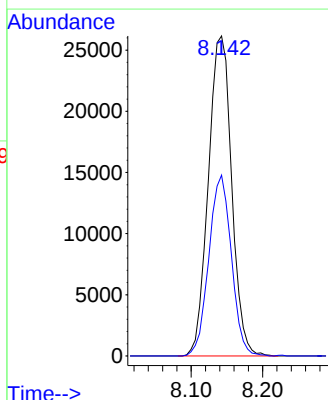
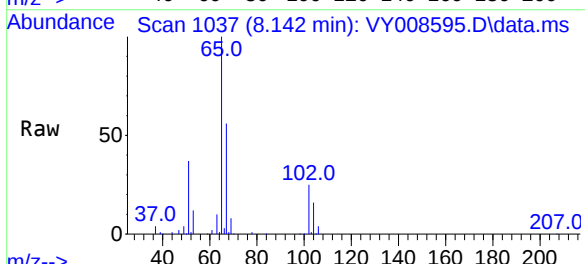
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

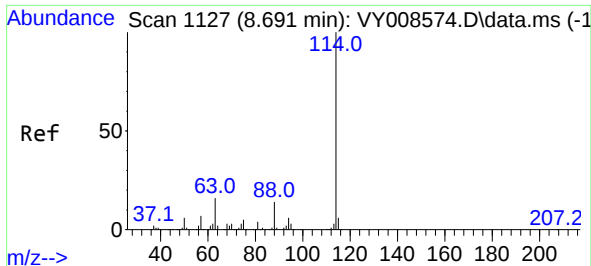
Tgt Ion:168 Resp: 132452
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.035 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 65 Resp: 59263
Ion Ratio Lower Upper
65 100
67 54.5 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: VY008595.D

Acq: 03 May 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

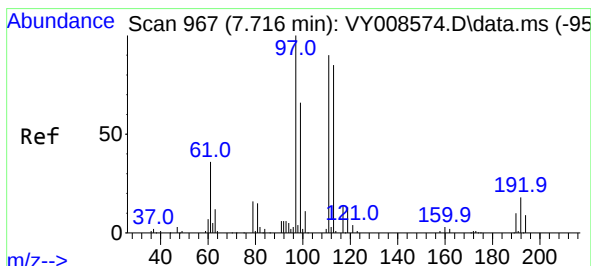
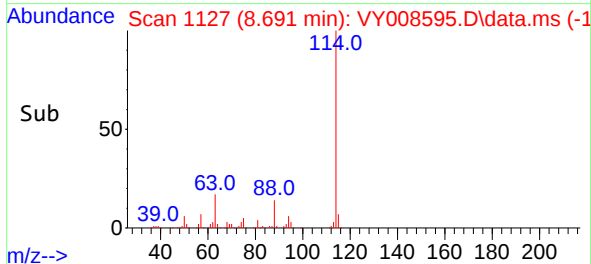
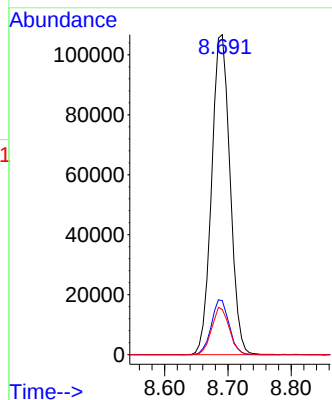
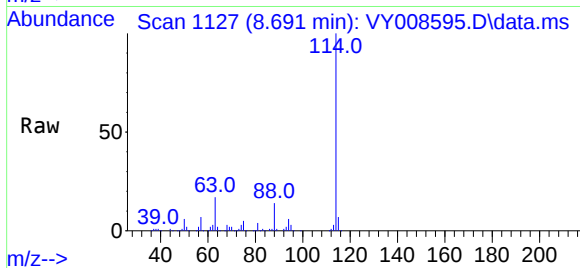
Tgt Ion:114 Resp: 215187

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.820 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008595.D

Acq: 03 May 2022 16:29

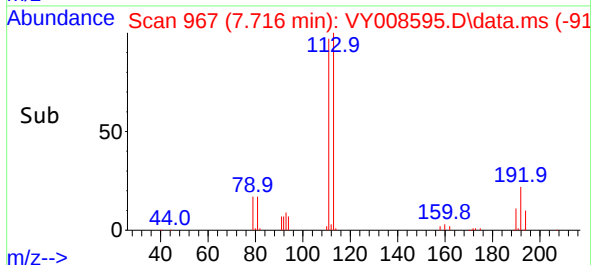
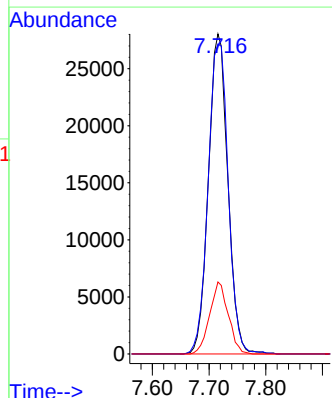
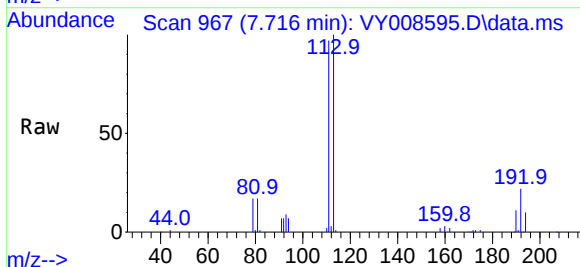
Tgt Ion:113 Resp: 66666

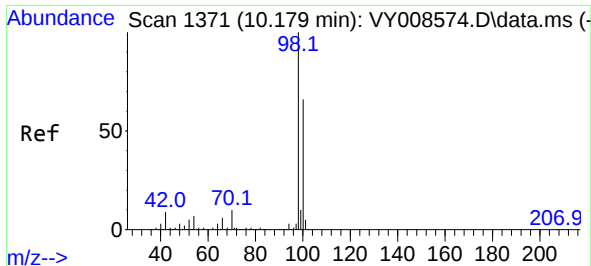
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 21.6 17.6 26.4

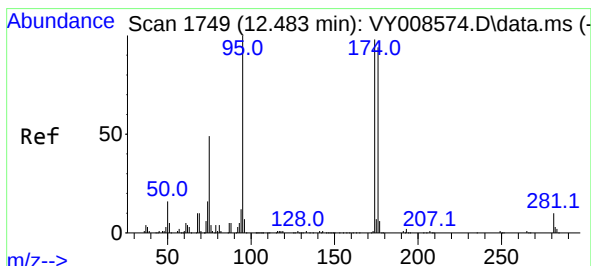
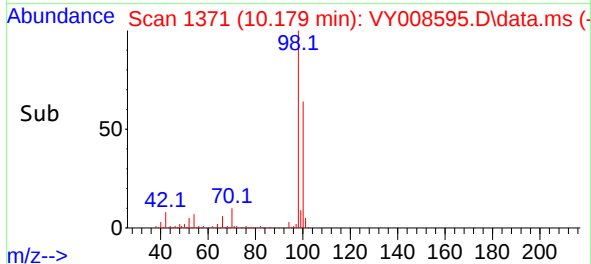
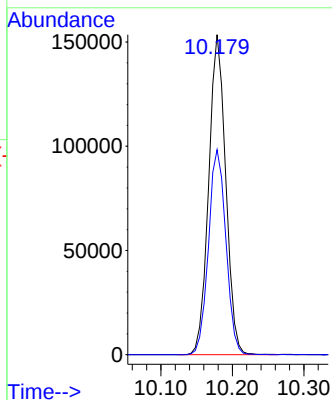
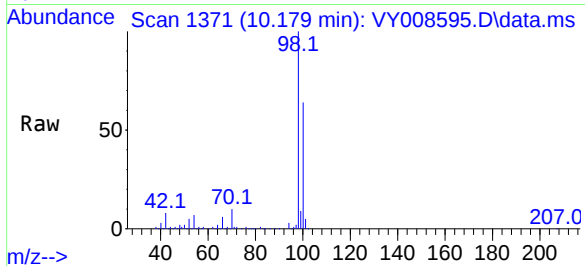




#50
Toluene-d8
Concen: 50.340 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

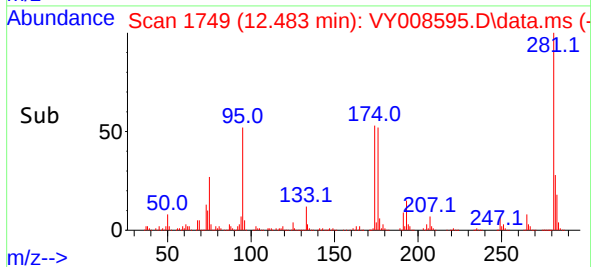
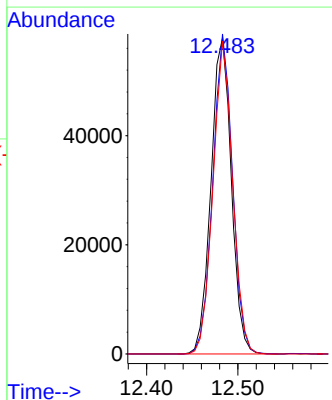
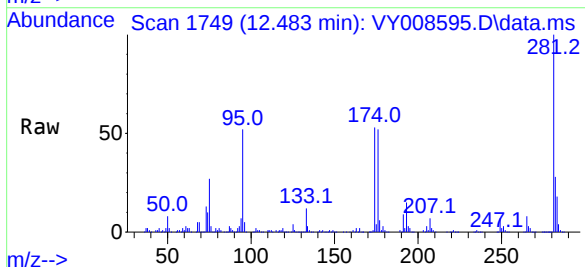
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

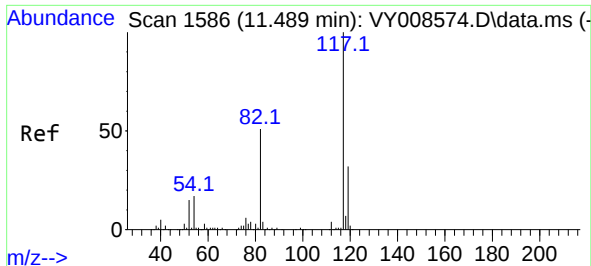
Tgt Ion: 98 Resp: 253943
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion: 95 Resp: 89837
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 95.5 0.0 175.8

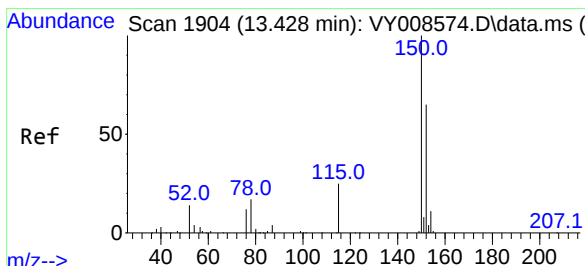
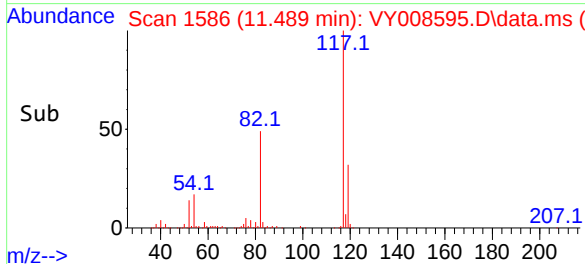
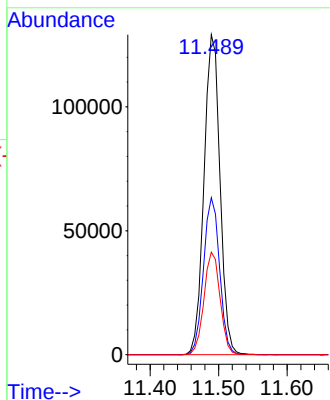
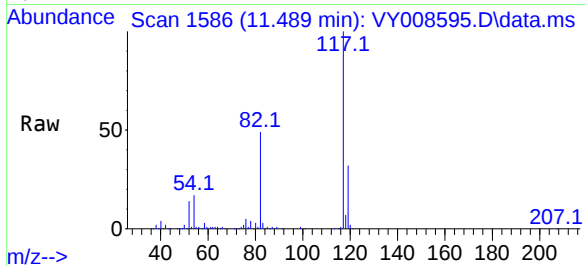




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008595.D
Acq: 03 May 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

Tgt Ion:	117	Resp:	210326
Ion	Ratio	Lower	Upper
117	100		
82	49.1	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: VY008595.D
Acq: 03 May 2022 16:29

Tgt Ion:	152	Resp:	103395
Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	157.6	0.0	347.6

