

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008927.D
 Acq On : 21 May 2022 01:15
 Operator : KP/MD
 Sample : N2916-01
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-1

Quant Time: May 21 02:48:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77472	58.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.780%
35) Dibromofluoromethane	7.716	113	67543	49.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	271843	53.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.483	95	84616	41.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.120%

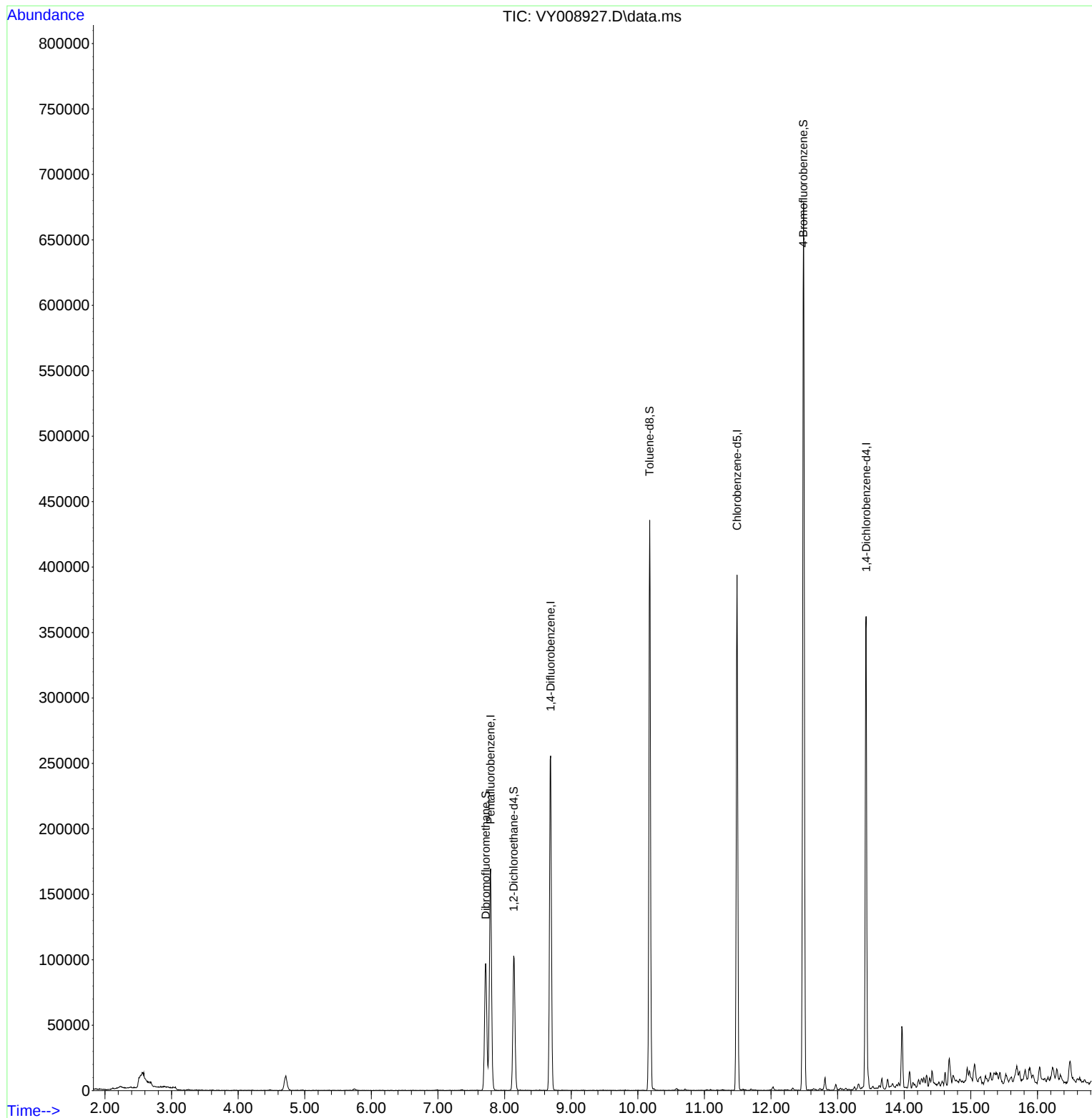
Target Compounds	Qvalue

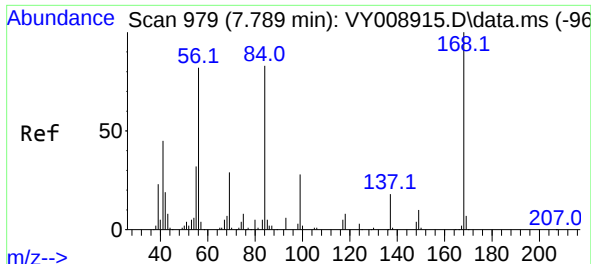
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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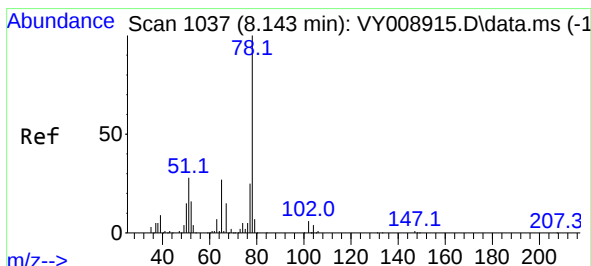
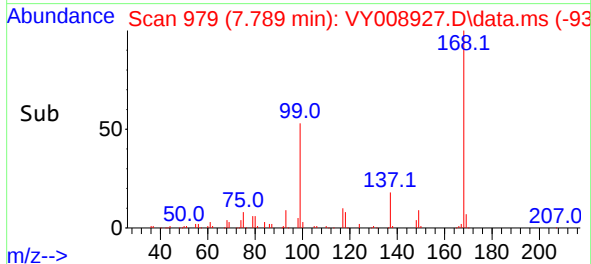
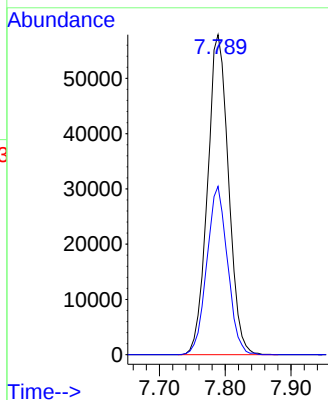
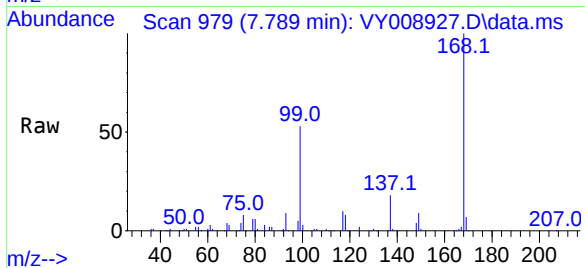




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

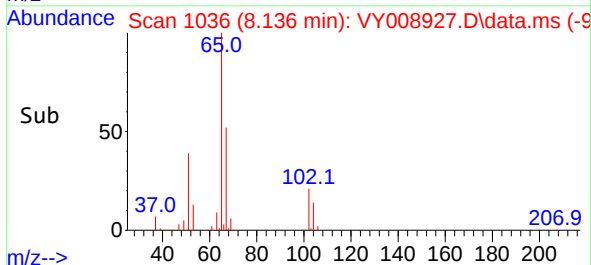
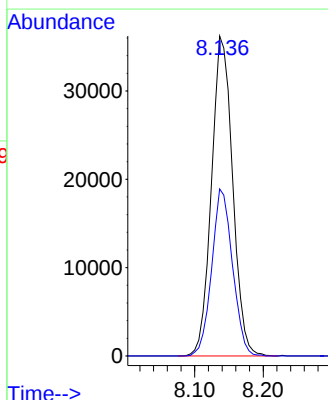
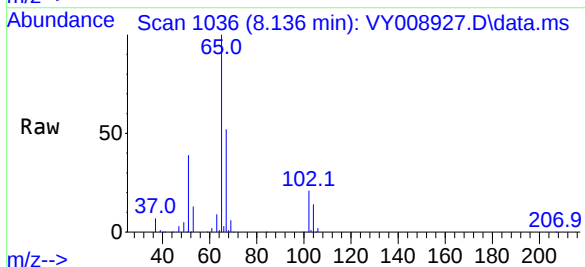
Instrument :
MSVOA_Y
ClientSampleId :
UST-1

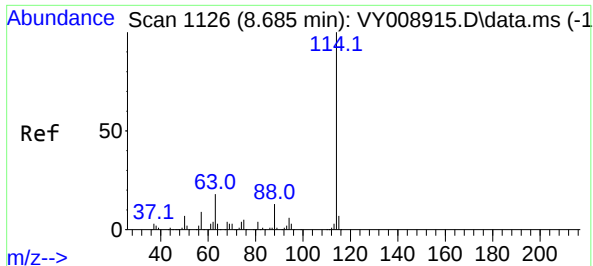
Tgt Ion:168 Resp: 128920
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.389 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 65 Resp: 77472
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008927.D

Acq: 21 May 2022 01:15

Instrument :

MSVOA_Y

ClientSampleId :

UST-1

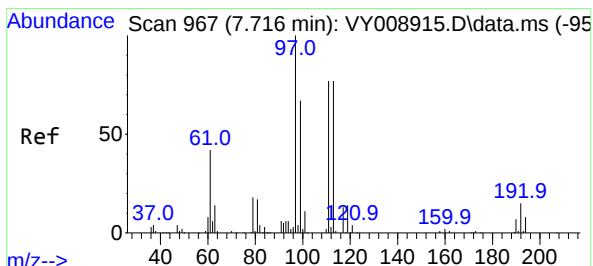
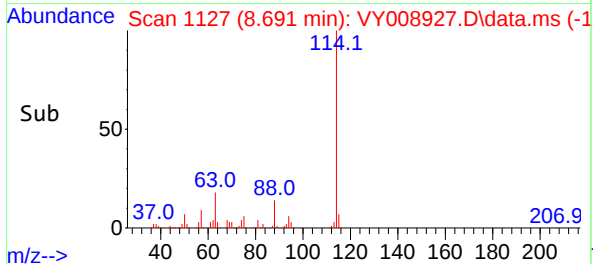
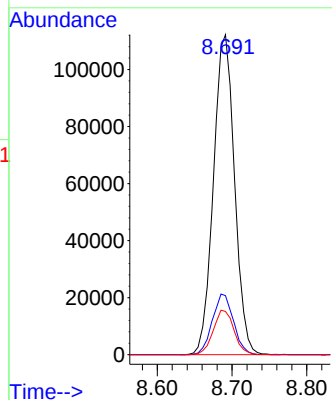
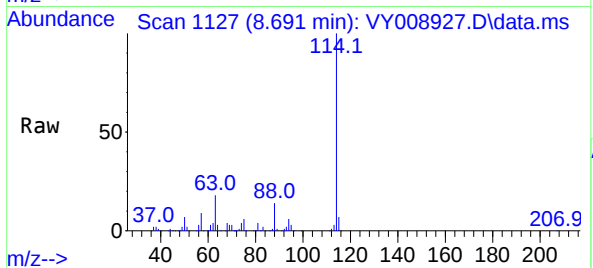
Tgt Ion:114 Resp: 220033

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008927.D

Acq: 21 May 2022 01:15

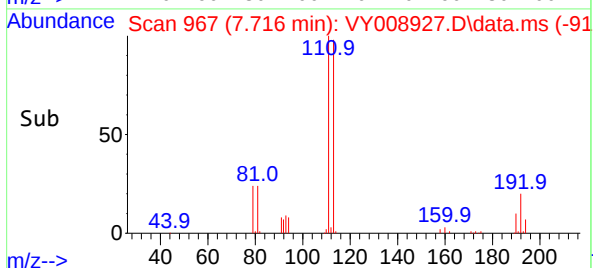
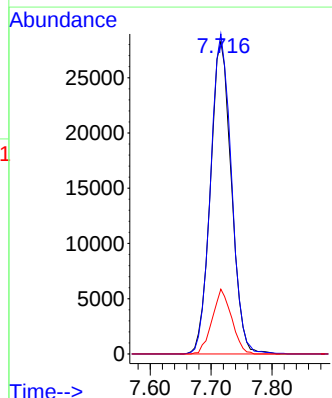
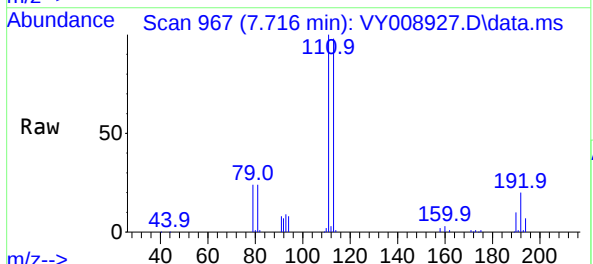
Tgt Ion:113 Resp: 67543

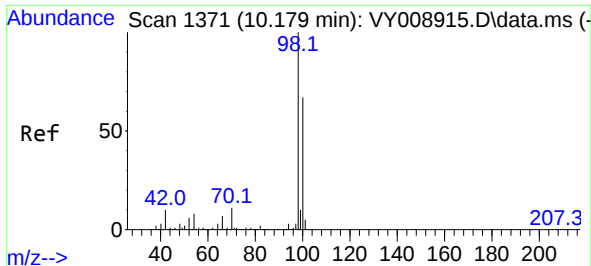
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.2 17.6 26.4

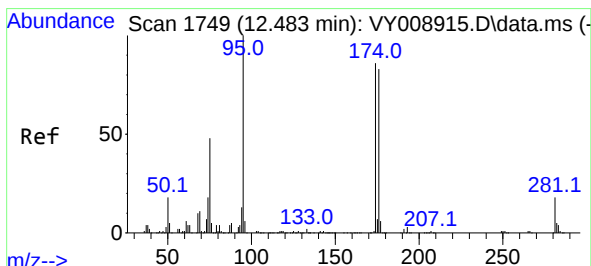
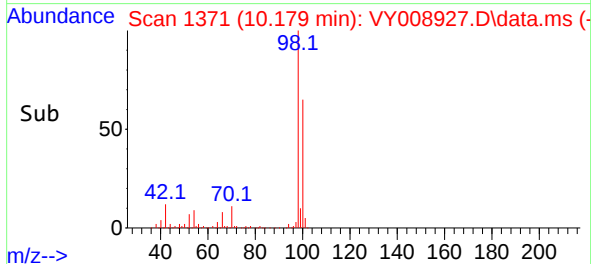
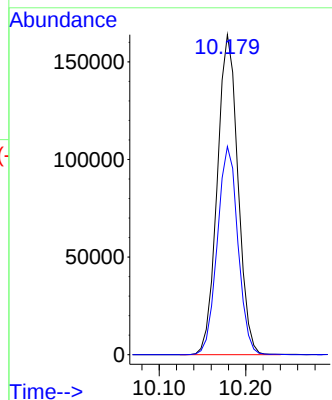
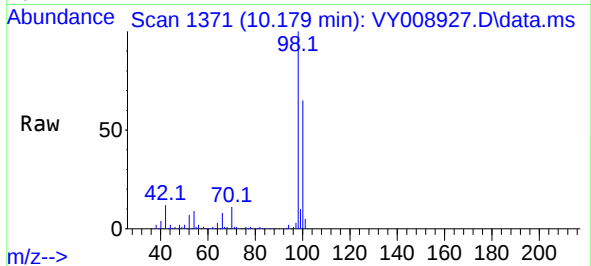




#50
Toluene-d8
Concen: 53.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

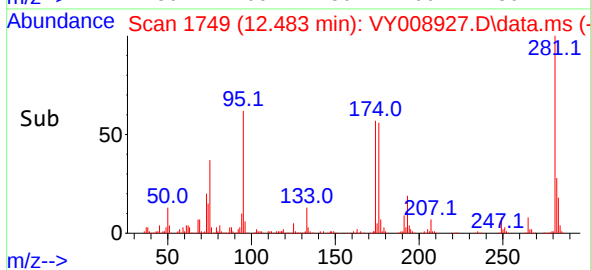
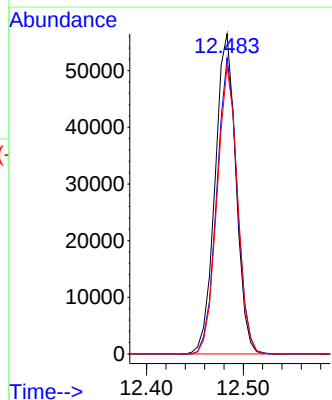
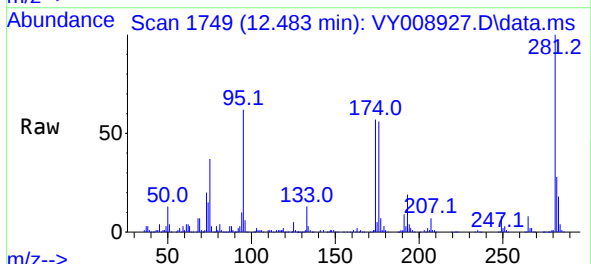
Instrument :
MSVOA_Y
ClientSampleId :
UST-1

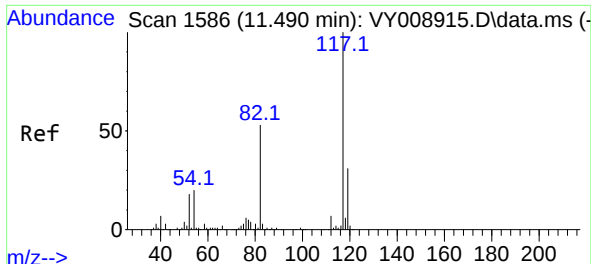
Tgt Ion: 98 Resp: 271843
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 95 Resp: 84616
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.9 0.0 175.8

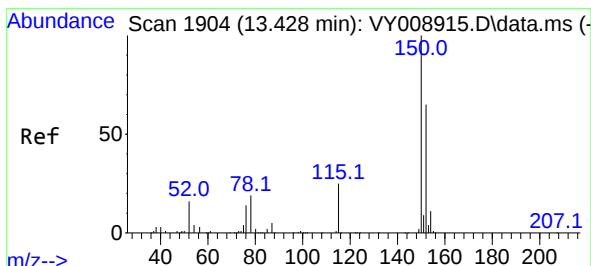
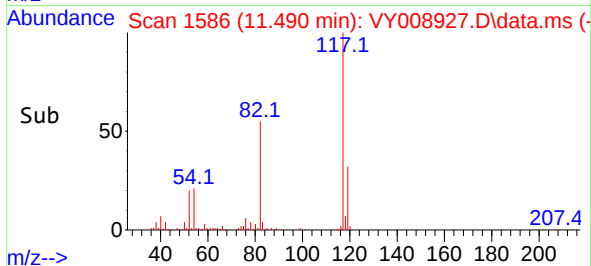
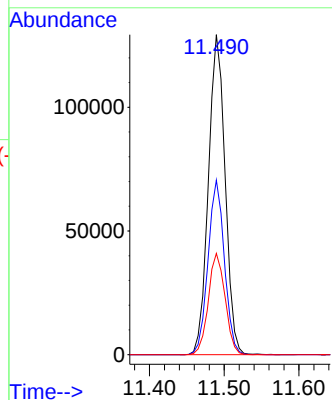
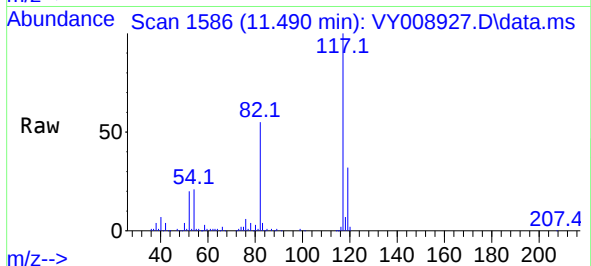




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Instrument :
MSVOA_Y
ClientSampleId :
UST-1

Tgt Ion:117 Resp: 200718
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.7 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: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion:152 Resp: 88055
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 155.9 0.0 347.6

