

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011270.D
 Acq On : 02 Nov 2022 18:05
 Operator : KP/MD
 Sample : N5336-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0RE

Quant Time: Nov 03 05:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	4620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3460	70.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.040%
35) Dibromofluoromethane	7.716	113	1515	29.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.020%
50) Toluene-d8	10.179	98	8898	44.643	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.483	95	2662	38.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.940%

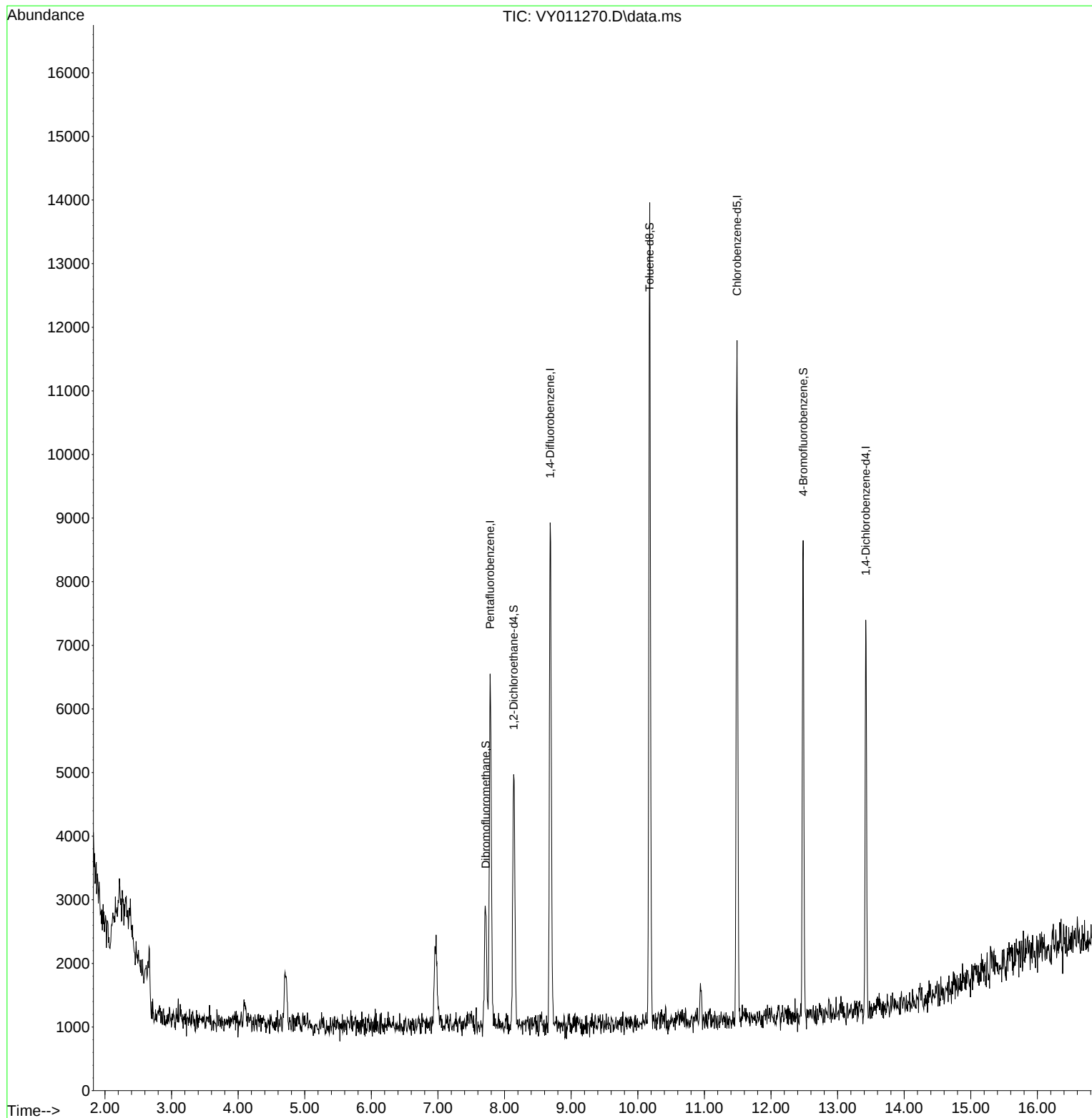
Target Compounds Qvalue

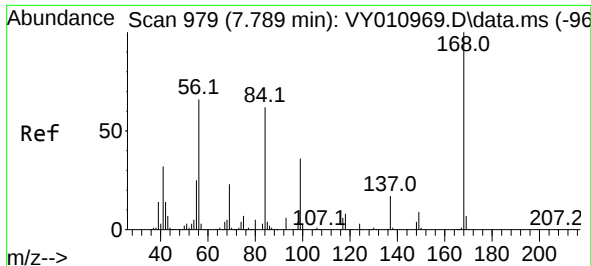
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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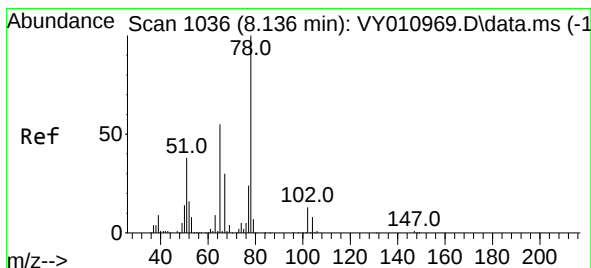
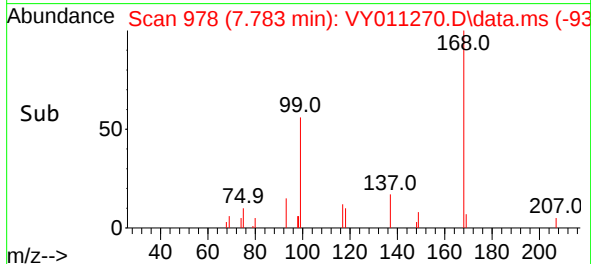
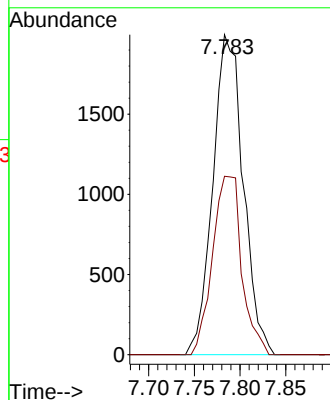
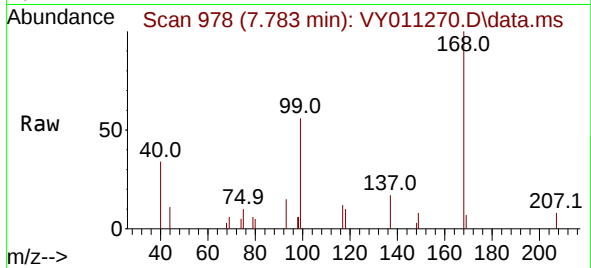




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

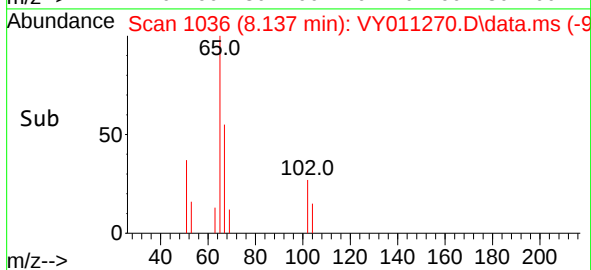
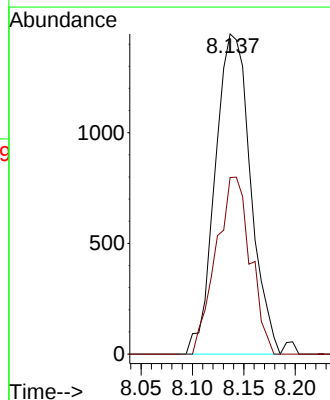
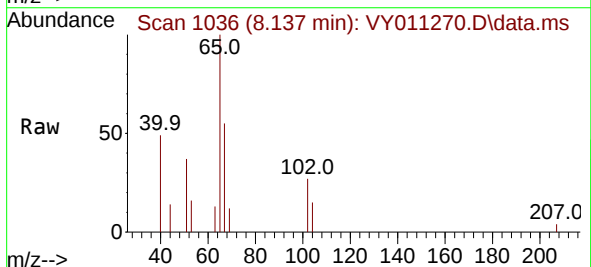
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0RE

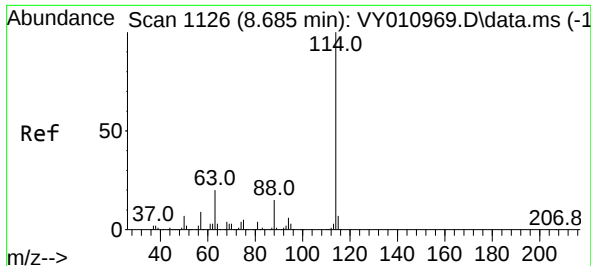
Tgt Ion:168 Resp: 4620
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.025 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 65 Resp: 3460
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0RE

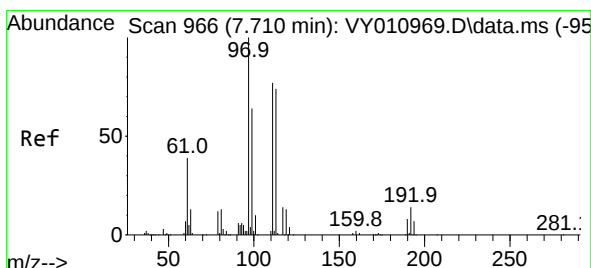
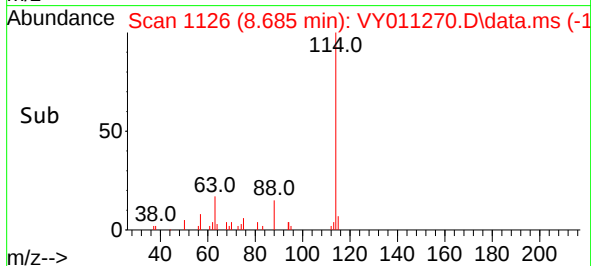
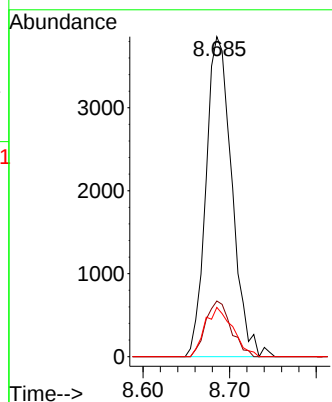
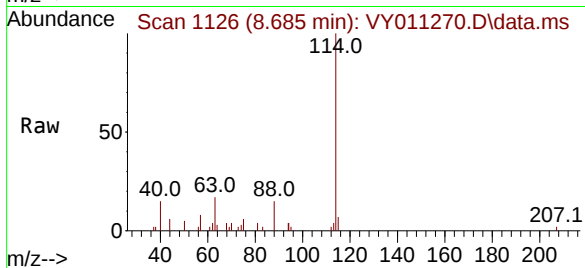
Tgt Ion:114 Resp: 7990

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 29.512 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

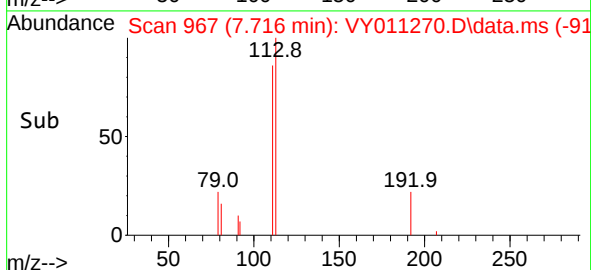
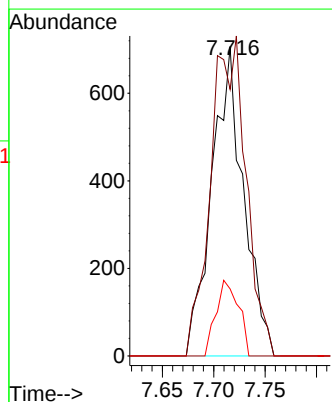
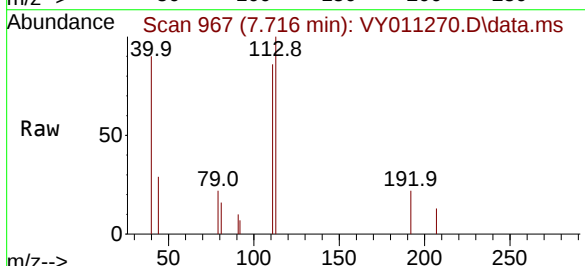
Tgt Ion:113 Resp: 1515

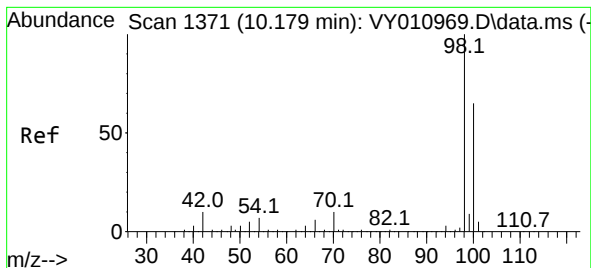
Ion Ratio Lower Upper

113 100

111 115.0 82.6 124.0

192 17.4 17.6 26.4#

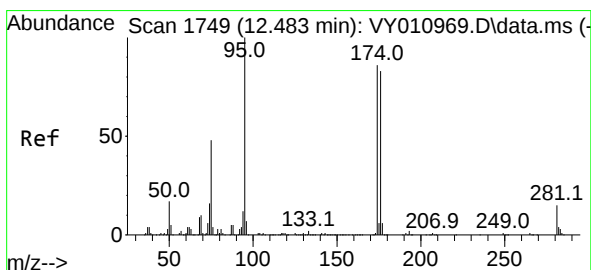
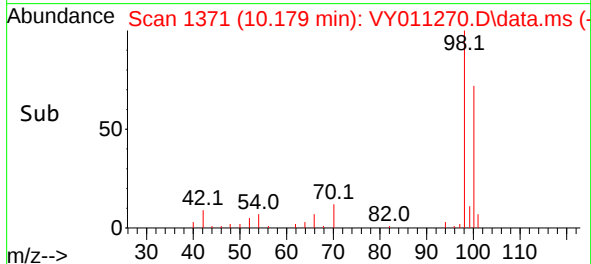
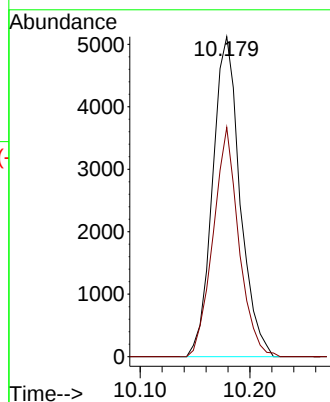
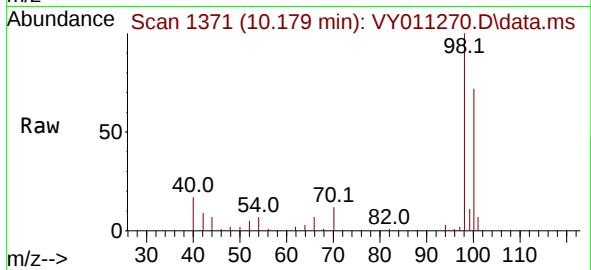




#50
Toluene-d8
Concen: 44.643 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

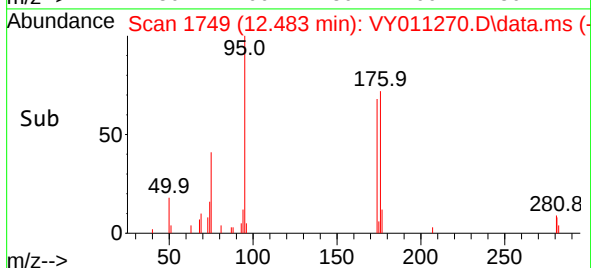
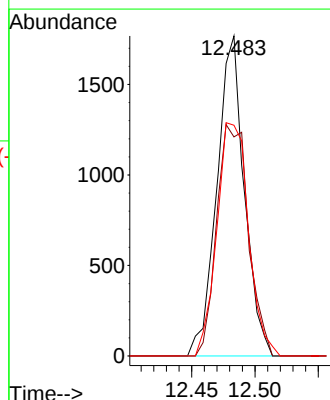
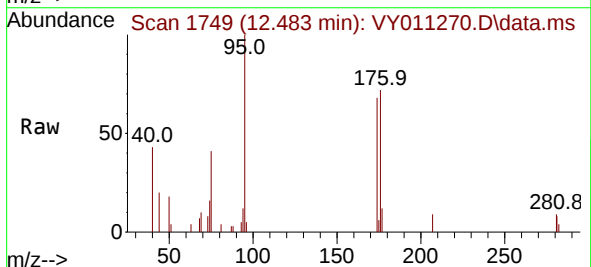
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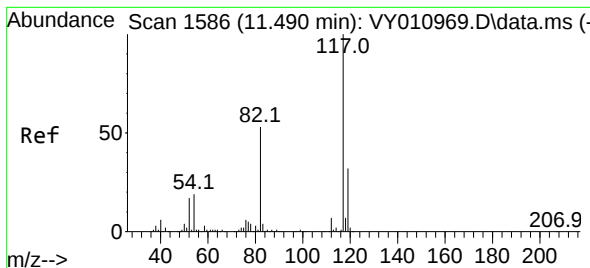
Tgt Ion: 98 Resp: 8898
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.471 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 95 Resp: 2662
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

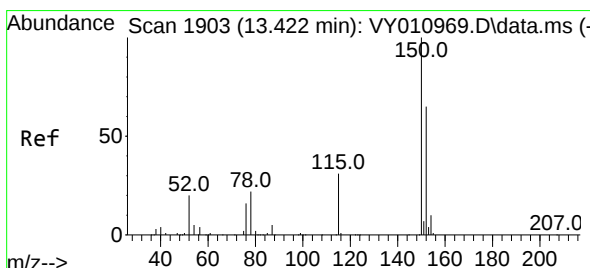
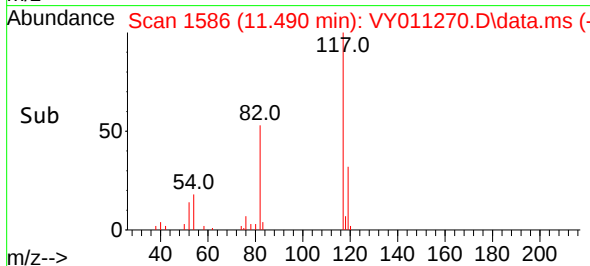
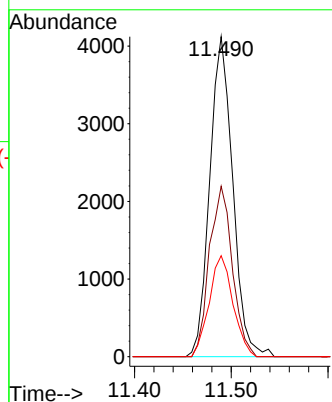
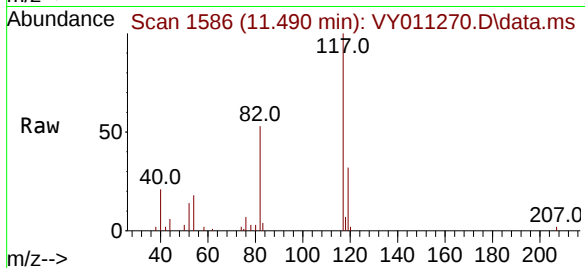
Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0RE

Tgt Ion:117	Resp:	6817
Ion	Ratio	Lower Upper
117	100	
82	53.3	43.0 64.4
119	31.5	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

Tgt Ion:152	Resp:	1813
Ion	Ratio	Lower Upper
152	100	
115	63.9	28.2 84.7
150	159.2	0.0 347.6

