

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009689.D
 Acq On : 25 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3855-03
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-072222

Quant Time: Jul 26 05:57:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2122	69.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.620%
35) Dibromofluoromethane	7.704	113	686	22.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.580%#
50) Toluene-d8	10.173	98	5480	47.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.483	95	1585	42.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	84.520%

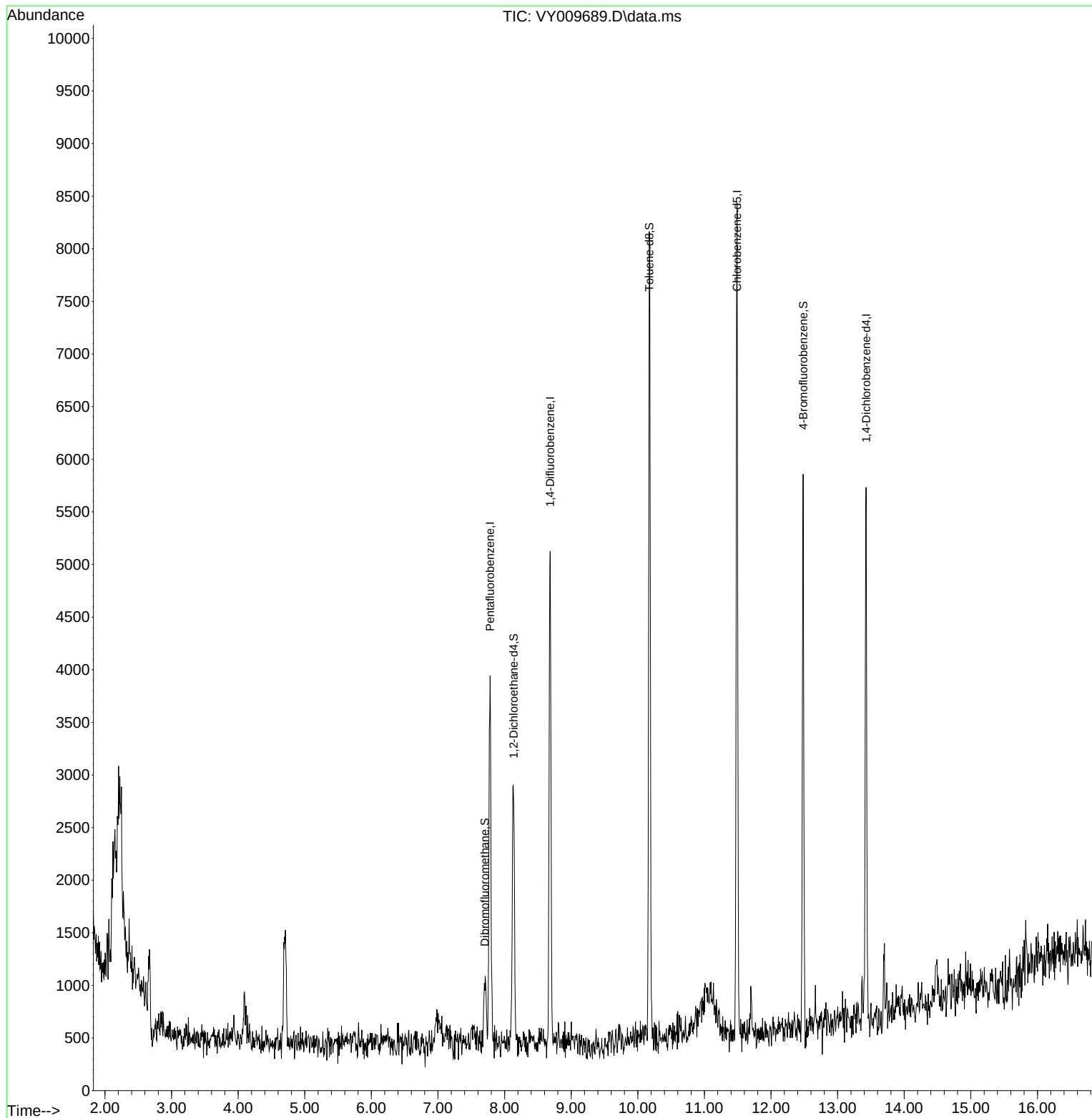
Target Compounds	Qvalue

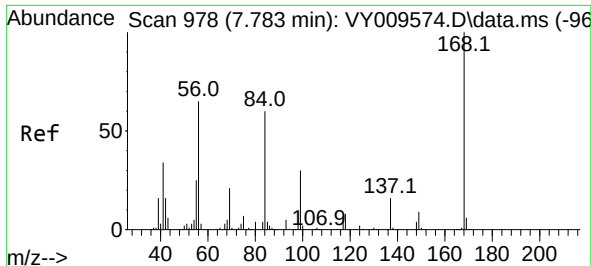
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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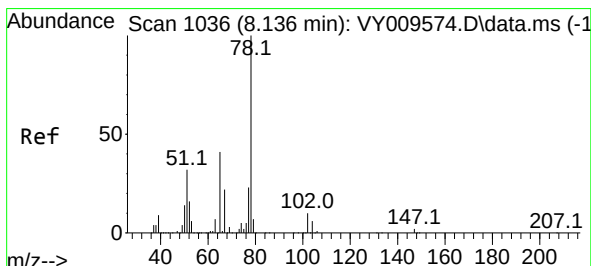
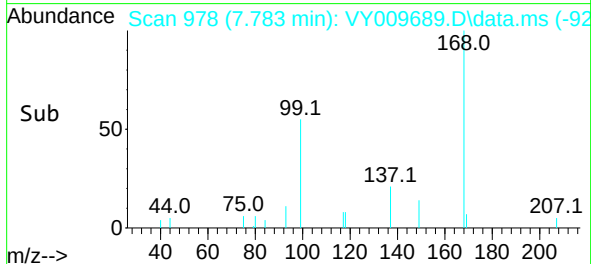
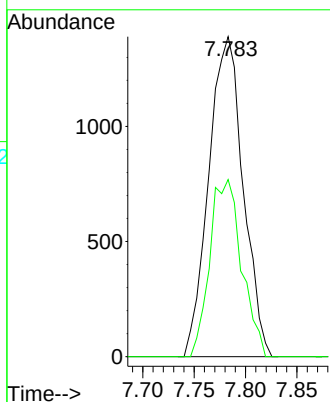
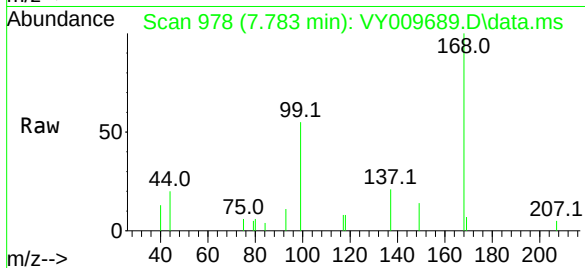




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

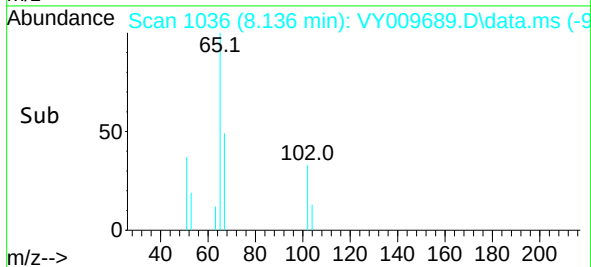
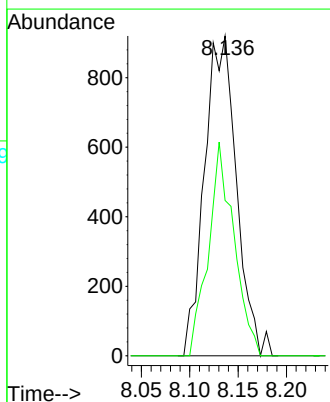
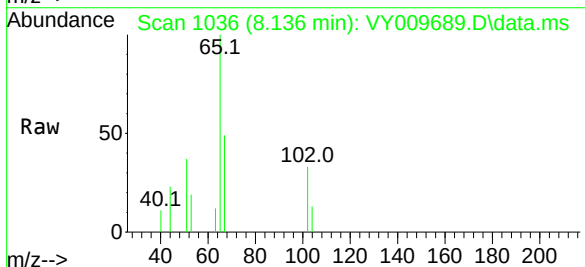
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

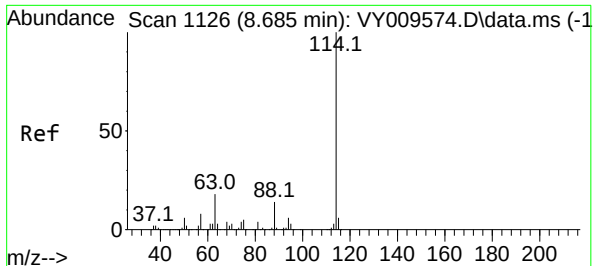
Tgt Ion:168 Resp: 3237
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.314 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

Tgt Ion: 65 Resp: 2122
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009689.D

Acq: 25 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-072222

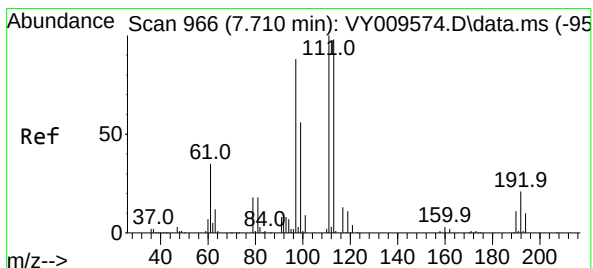
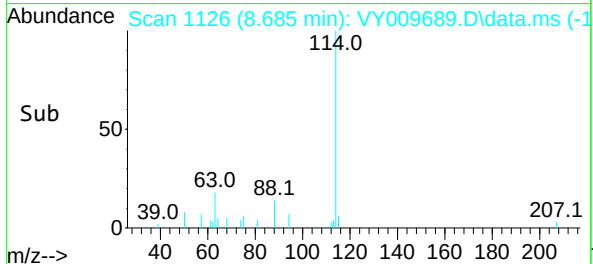
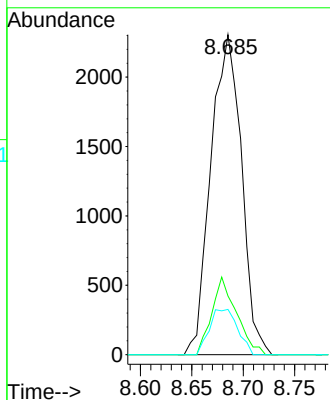
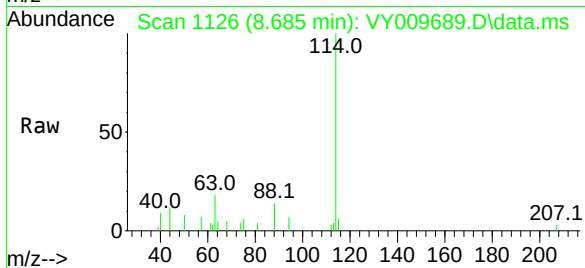
Tgt Ion:114 Resp: 4779

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 22.785 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009689.D

Acq: 25 Jul 2022 17:02

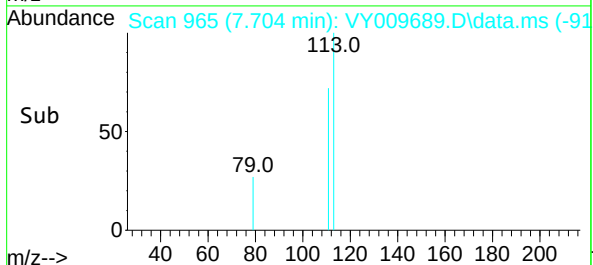
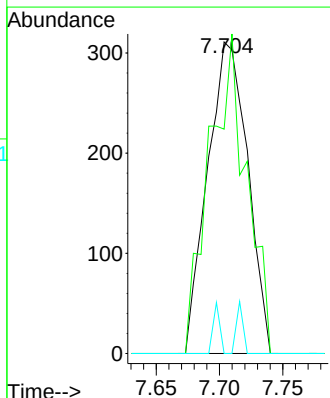
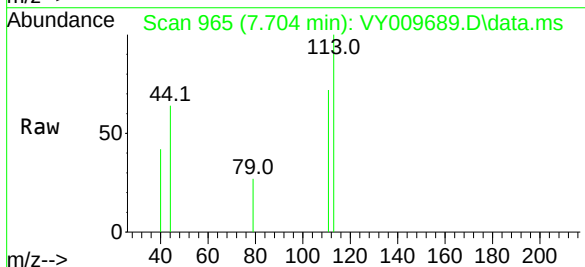
Tgt Ion:113 Resp: 686

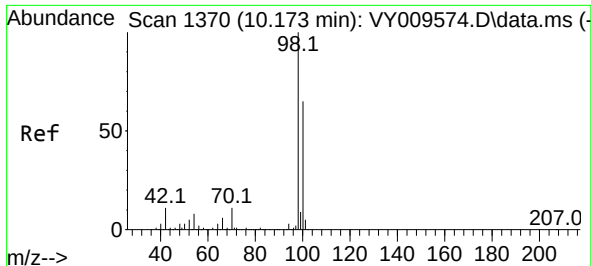
Ion Ratio Lower Upper

113 100

111 0.0 82.6 124.0#

192 2.8 17.6 26.4#

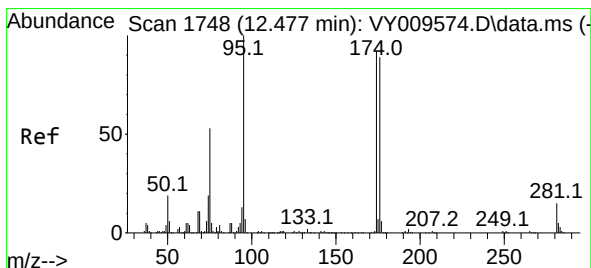
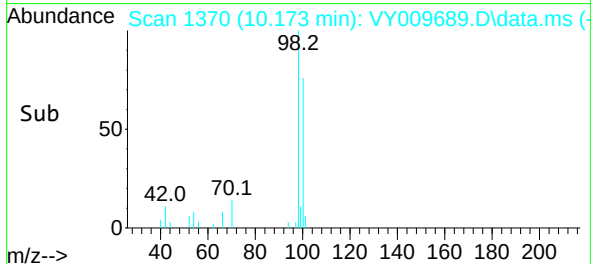
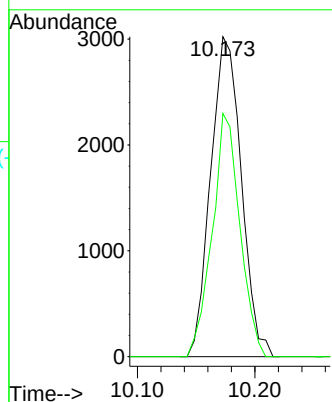
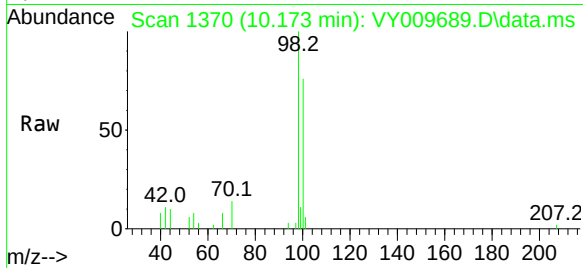




#50
Toluene-d8
Concen: 47.347 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

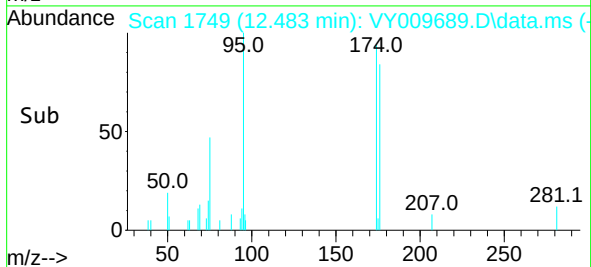
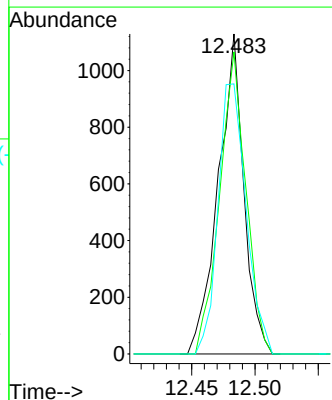
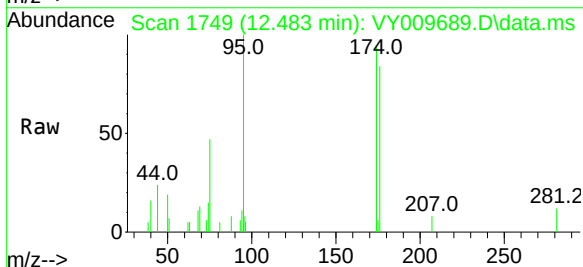
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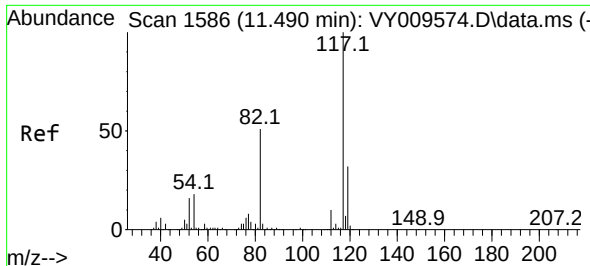
Tgt Ion: 98 Resp: 5480
Ion Ratio Lower Upper
98 100
100 68.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.262 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

Tgt Ion: 95 Resp: 1585
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 92.9 0.0 175.8

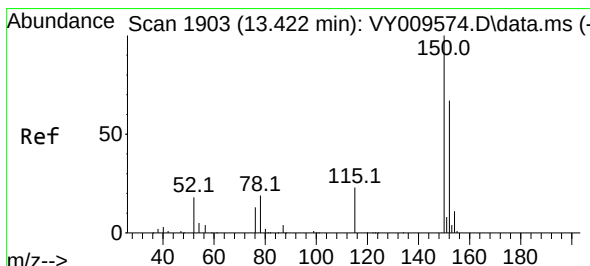
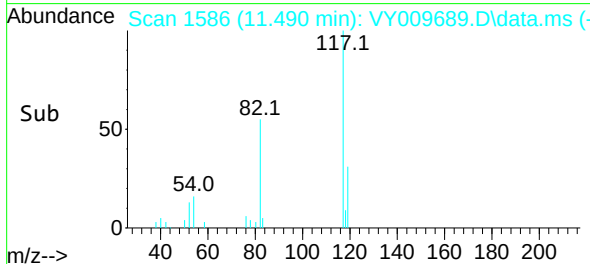
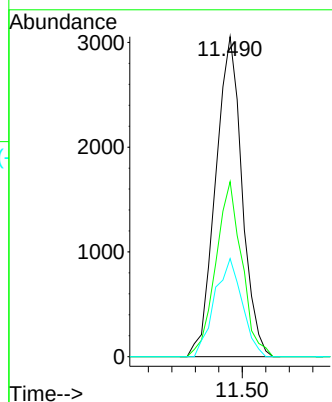
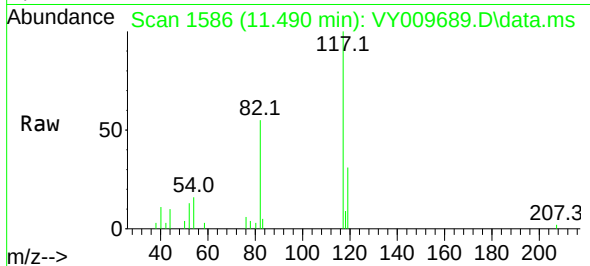




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

Tgt Ion:117	Resp:	4774
Ion	Ratio	Lower Upper
117	100	
82	54.7	43.0 64.4
119	30.6	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009689.D
Acq: 25 Jul 2022 17:02

Tgt Ion:152	Resp:	1594
Ion	Ratio	Lower Upper
152	100	
115	55.2	28.2 84.7
150	157.1	0.0 347.6

