

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011695.D
 Acq On : 05 Dec 2022 14:42
 Operator : KP/MD
 Sample : N5870-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-4

Quant Time: Dec 06 00:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2494	85.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.040%#
35) Dibromofluoromethane	7.716	113	1090	32.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.420%
50) Toluene-d8	10.179	98	5679	46.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.483	95	1663	36.571	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.140%

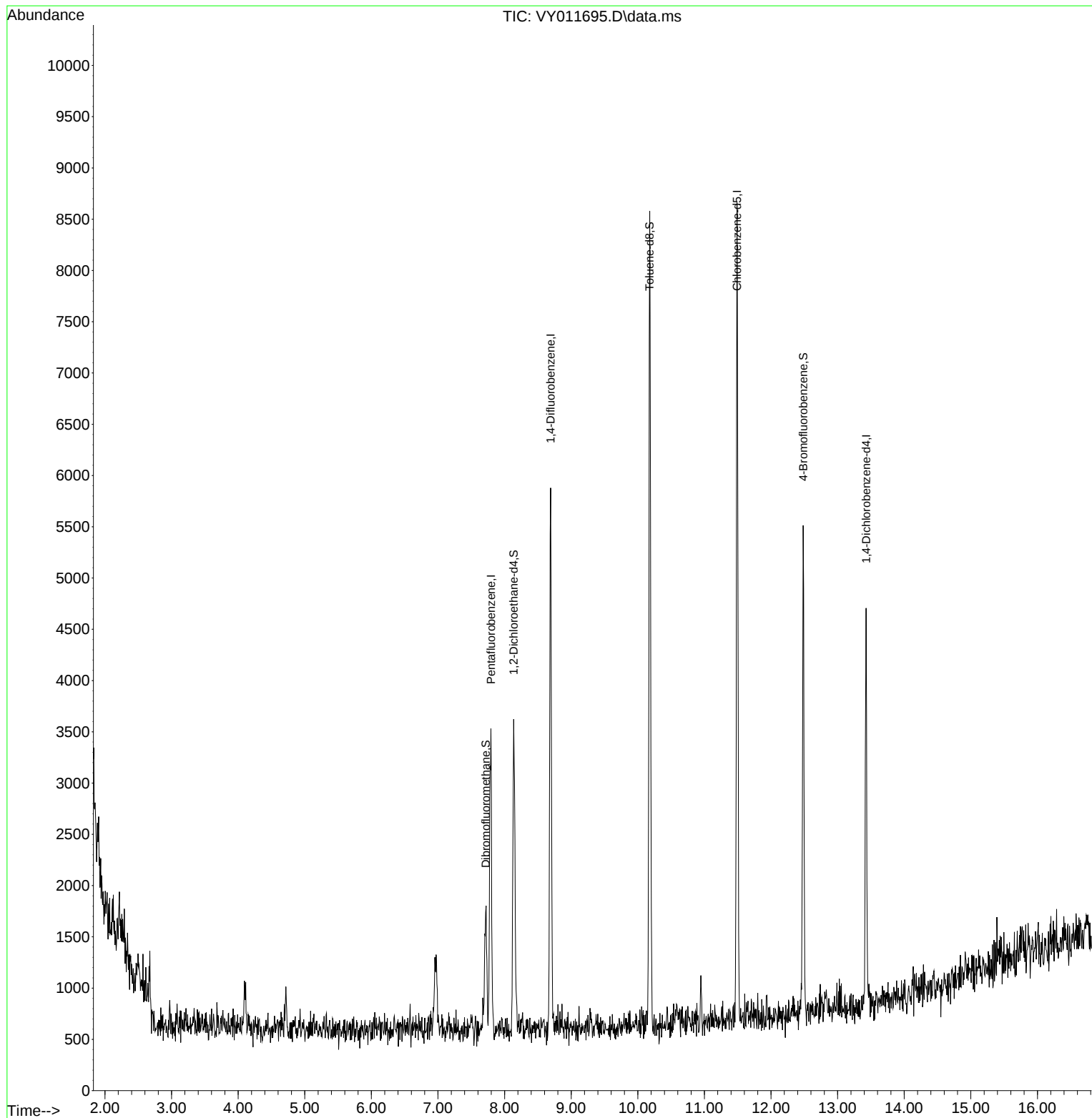
Target Compounds	Qvalue

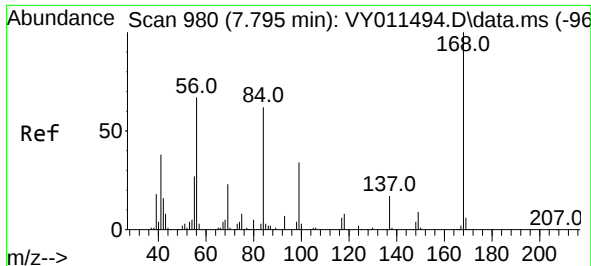
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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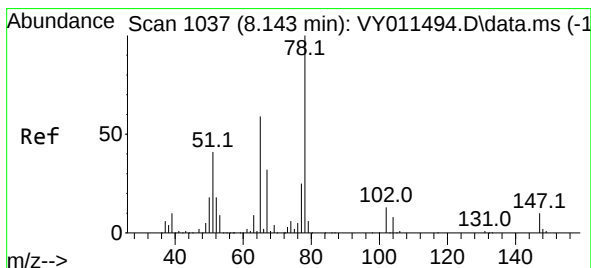
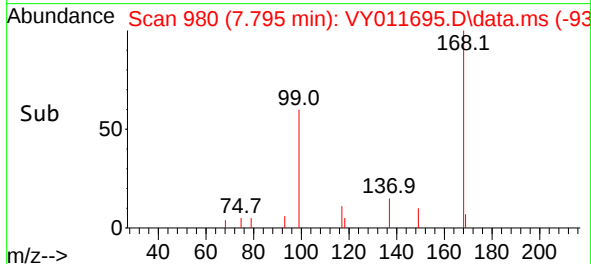
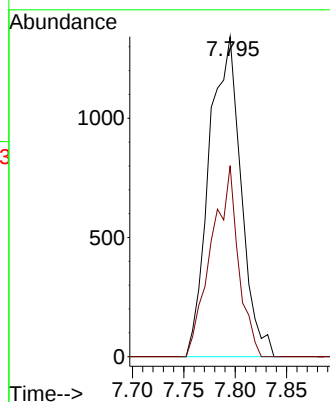
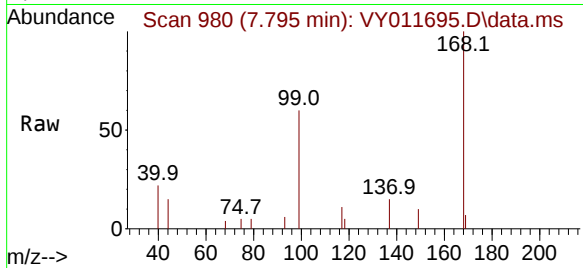




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011695.D
Acq: 05 Dec 2022 14:42

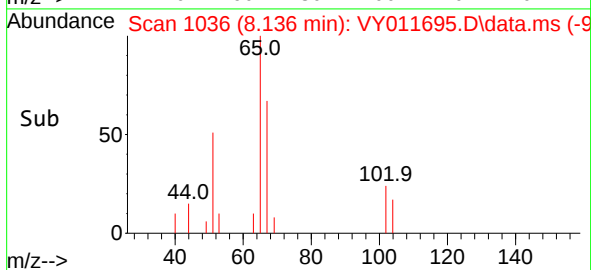
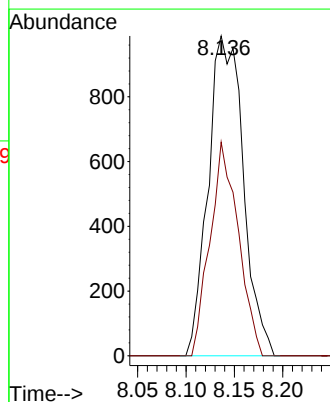
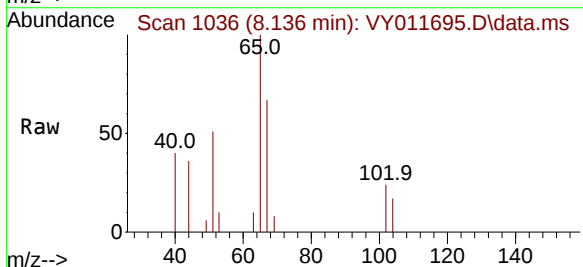
Instrument :
MSVOA_Y
ClientSampleId :
ML-4

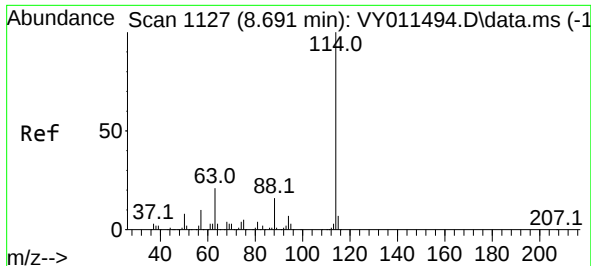
Tgt Ion:168 Resp: 2889
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 85.018 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011695.D
Acq: 05 Dec 2022 14:42

Tgt Ion: 65 Resp: 2494
Ion Ratio Lower Upper
65 100
67 53.9 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: VY011695.D

Acq: 05 Dec 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

ML-4

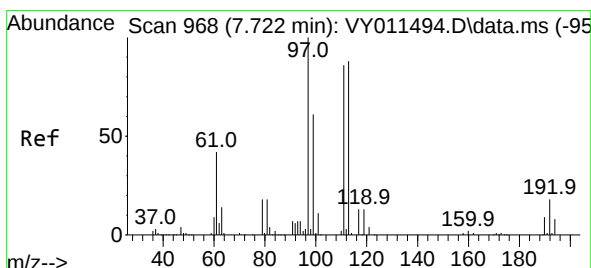
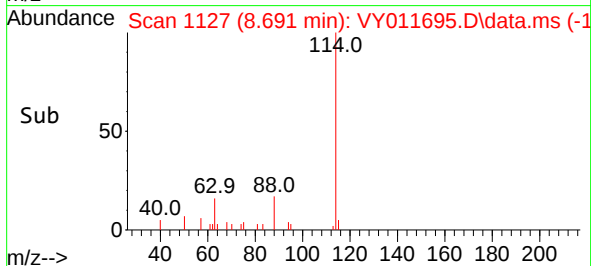
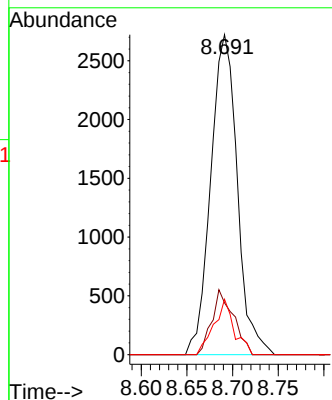
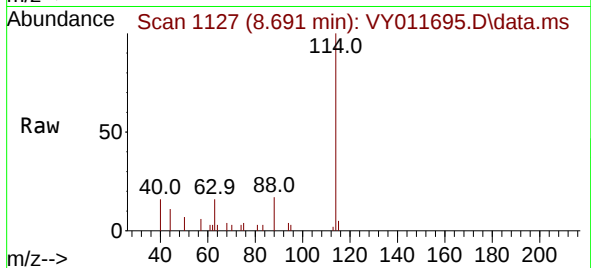
Tgt Ion:114 Resp: 5498

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 17.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 32.205 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011695.D

Acq: 05 Dec 2022 14:42

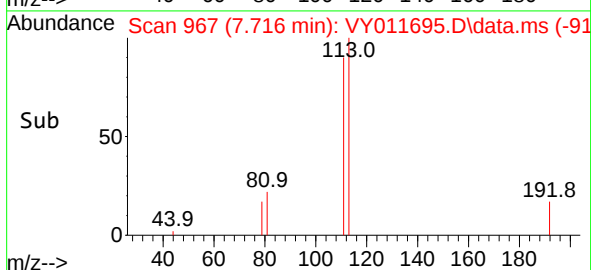
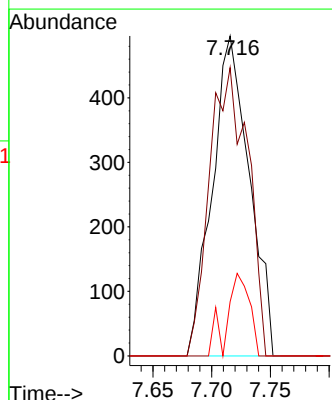
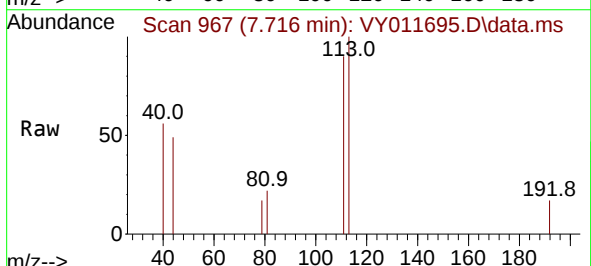
Tgt Ion:113 Resp: 1090

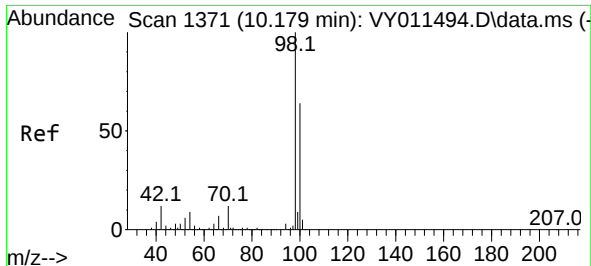
Ion Ratio Lower Upper

113 100

111 93.9 82.6 124.0

192 15.8 17.6 26.4#

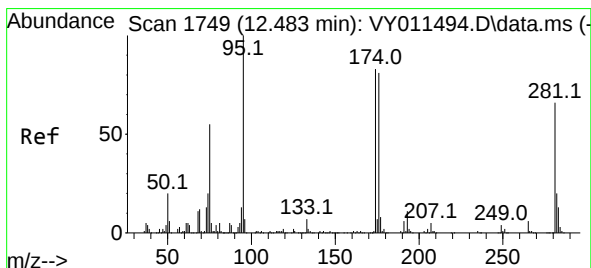
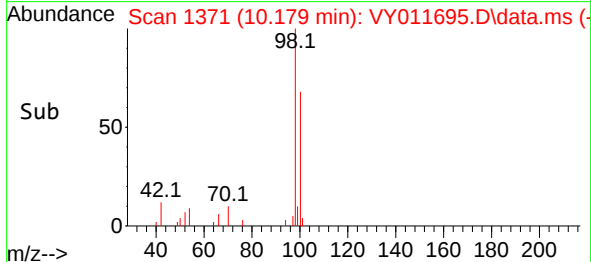
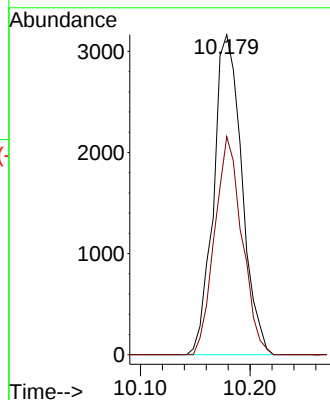
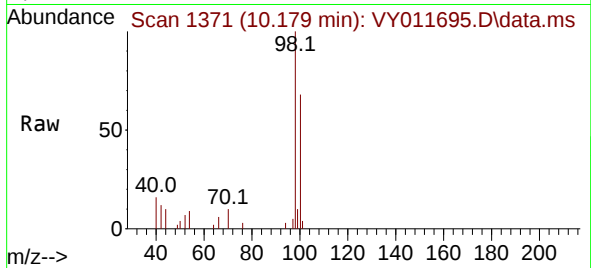




#50
Toluene-d8
Concen: 46.174 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011695.D
Acq: 05 Dec 2022 14:42

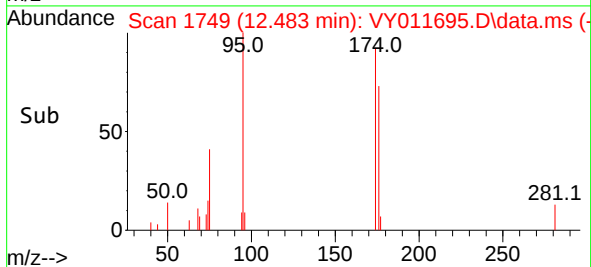
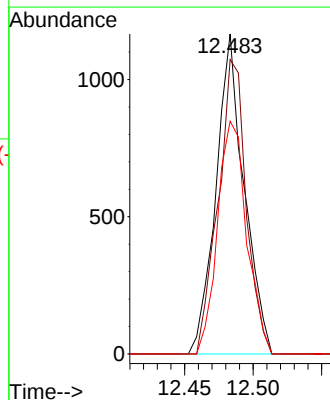
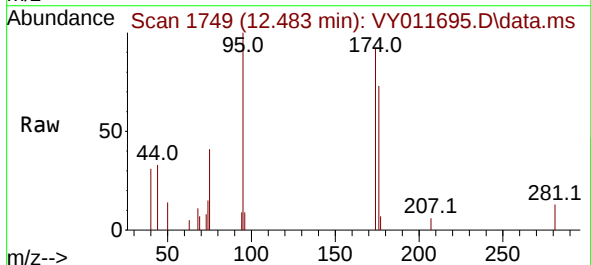
Instrument :
MSVOA_Y
ClientSampleId :
ML-4

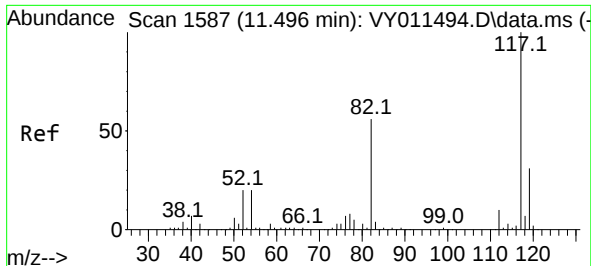
Tgt Ion: 98 Resp: 5679
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.571 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011695.D
Acq: 05 Dec 2022 14:42

Tgt Ion: 95 Resp: 1663
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 75.4 0.0 175.8

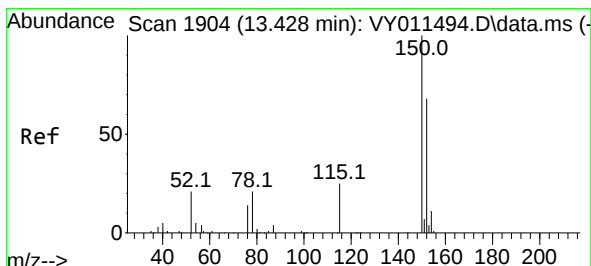
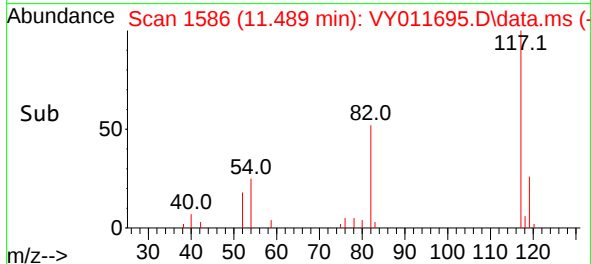
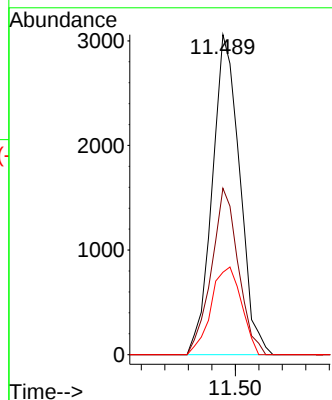
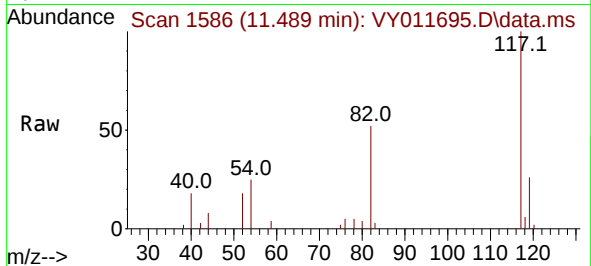




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011695.D
Acq: 05 Dec 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :
ML-4

Tgt Ion:117	Resp:	4953
Ion	Ratio	Lower Upper
117	100	
82	52.0	43.0 64.4
119	25.7	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: VY011695.D
Acq: 05 Dec 2022 14:42

Tgt Ion:152	Resp:	1216
Ion	Ratio	Lower Upper
152	100	
115	54.9	28.2 84.7
150	138.7	0.0 347.6

