

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016000.D
 Acq On : 17 Oct 2023 13:37
 Operator : SY/MD
 Sample : 04892-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-10132023-BRE

Quant Time: Oct 17 17:24:50 2023
 Quant Title :
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	66902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	108815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	96739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	42477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	39078	51.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.360%
35) Dibromofluoromethane	7.728	113	37276	54.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.820%
50) Toluene-d8	10.184	98	125684	48.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.489	95	38257	41.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.760%

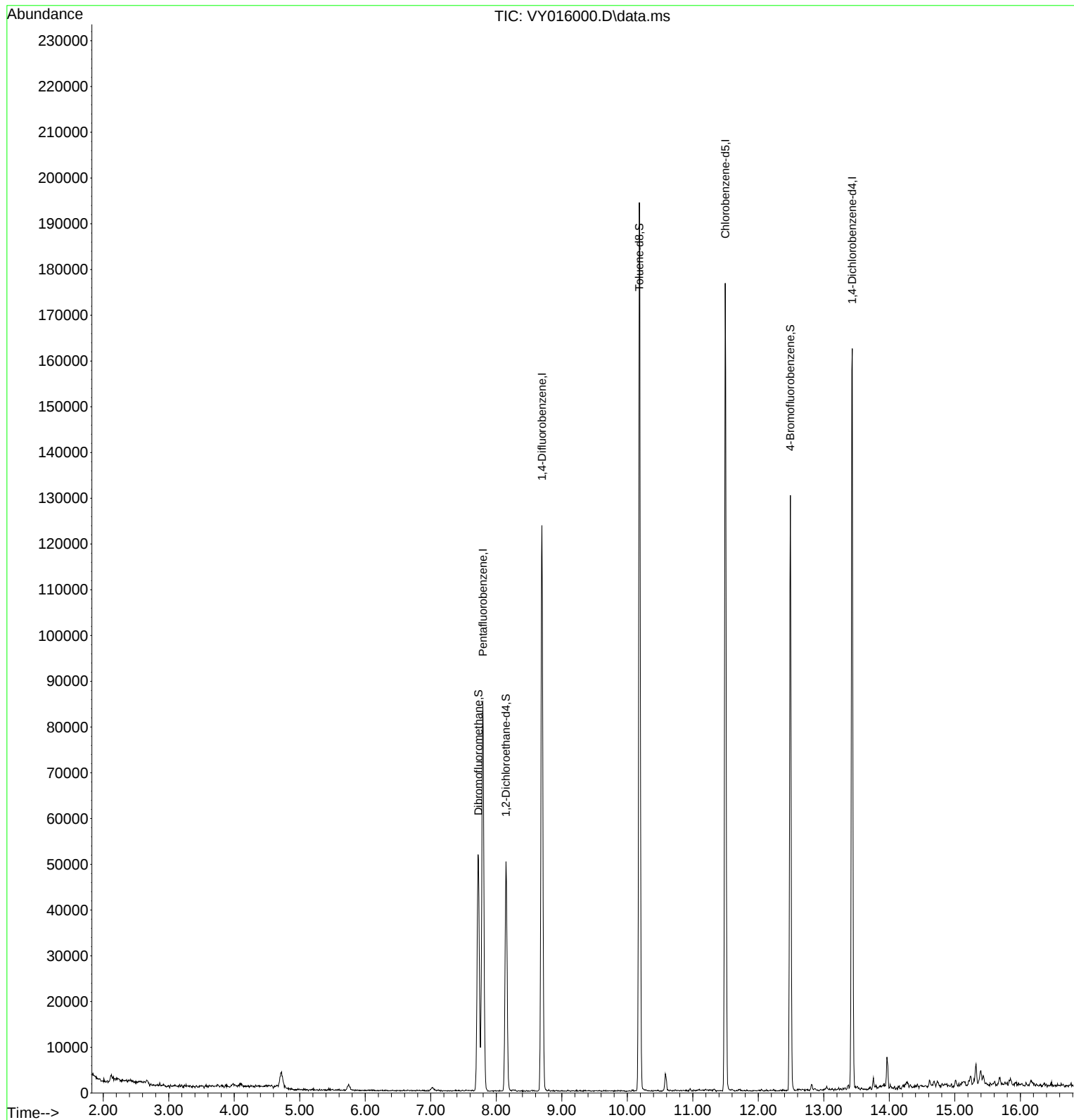
Target Compounds	Qvalue

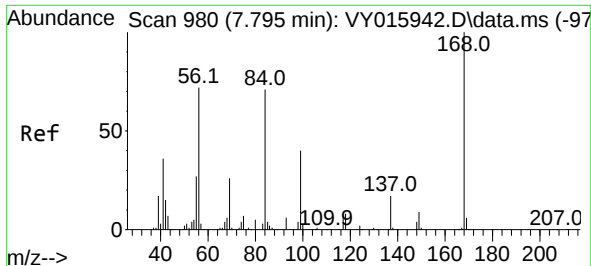
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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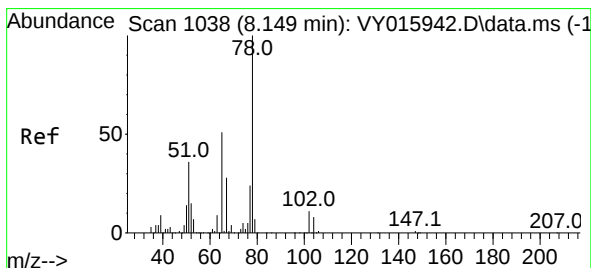
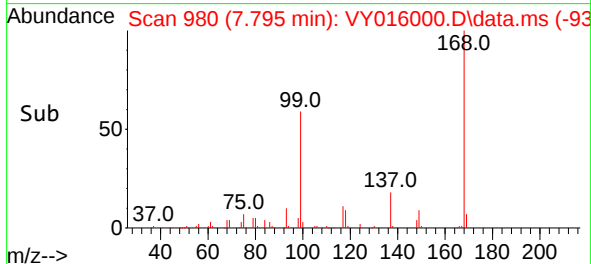
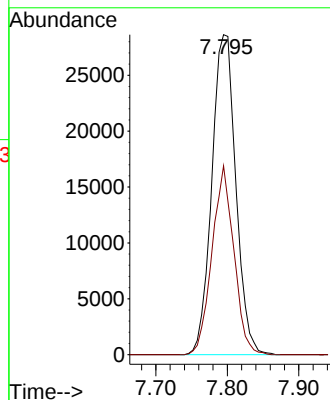
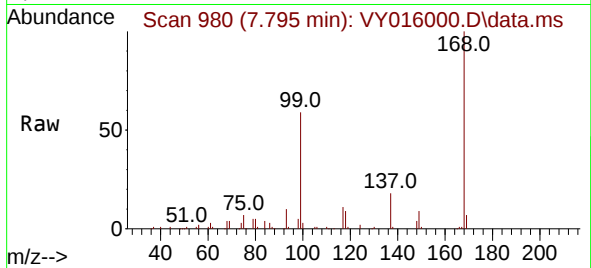




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

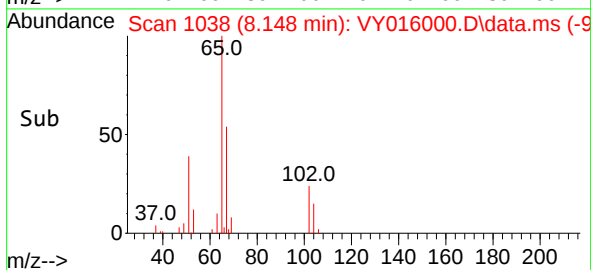
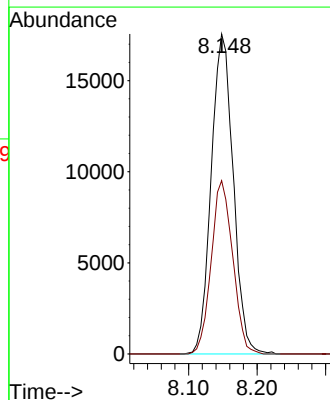
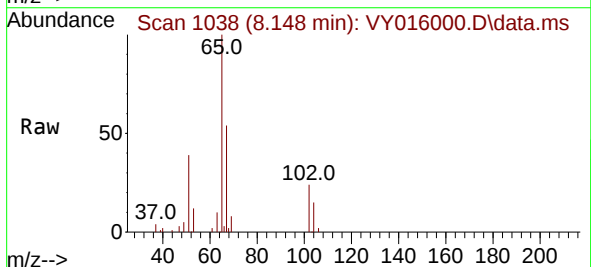
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-BRE

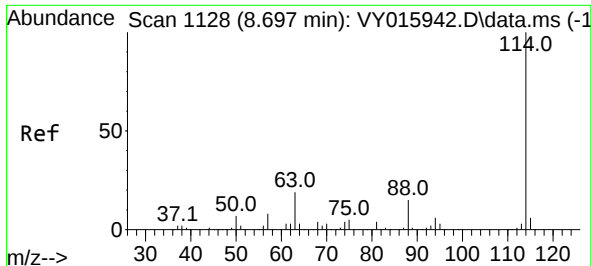
Tgt Ion:168 Resp: 66902
Ion Ratio Lower Upper
168 100
99 59.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.180 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

Tgt Ion: 65 Resp: 39078
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016000.D

Acq: 17 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-10132023-BRE

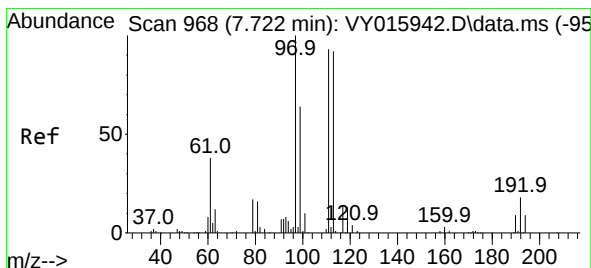
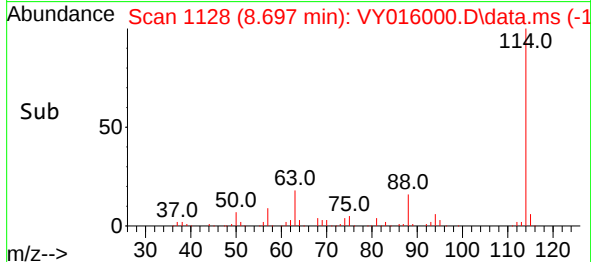
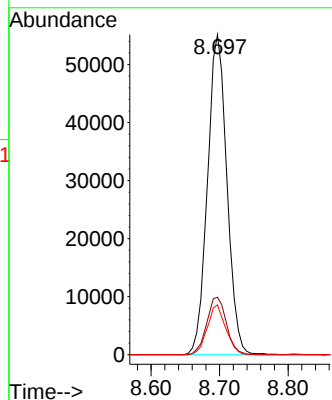
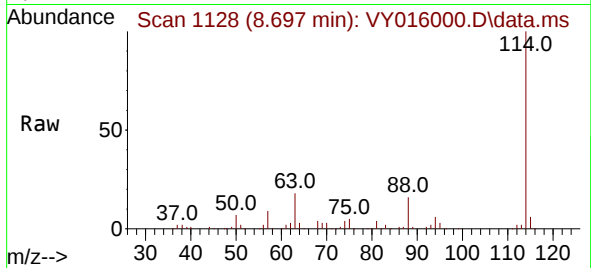
Tgt Ion:114 Resp: 108815

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.414 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY016000.D

Acq: 17 Oct 2023 13:37

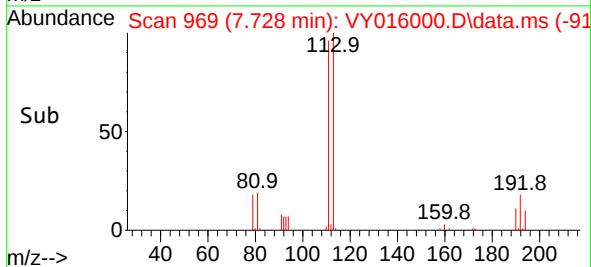
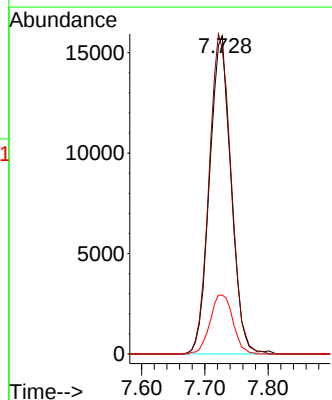
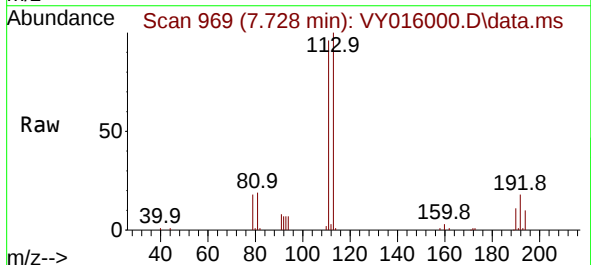
Tgt Ion:113 Resp: 37276

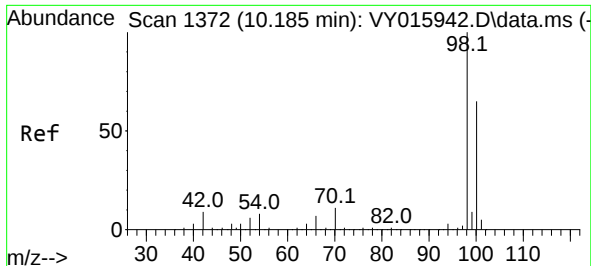
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.8 16.9 25.3

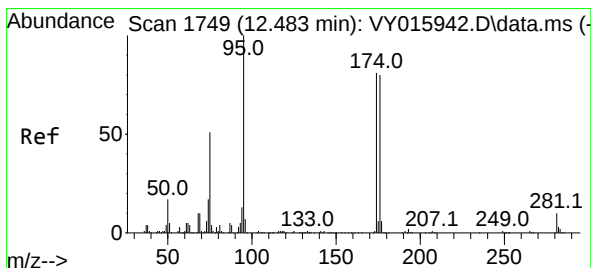
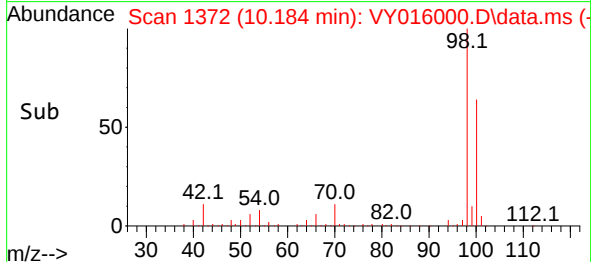
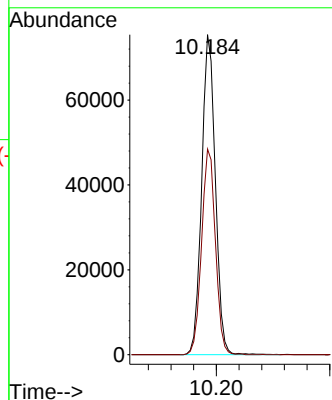
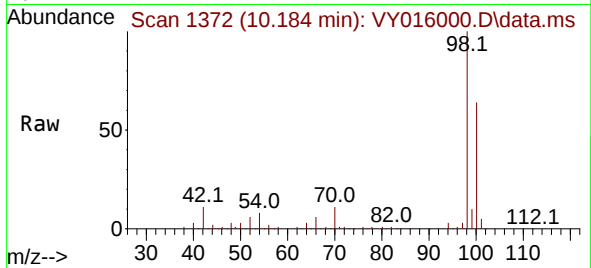




#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

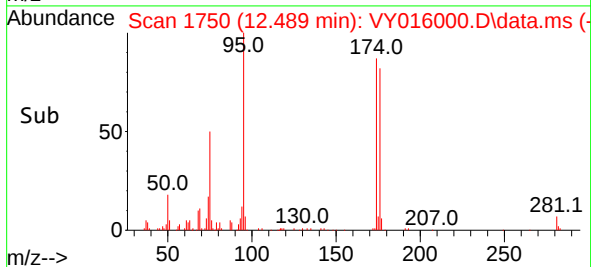
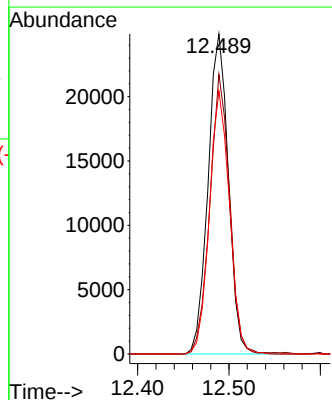
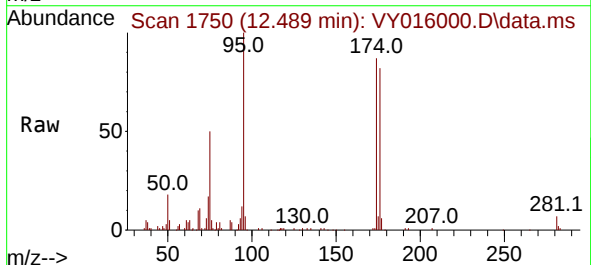
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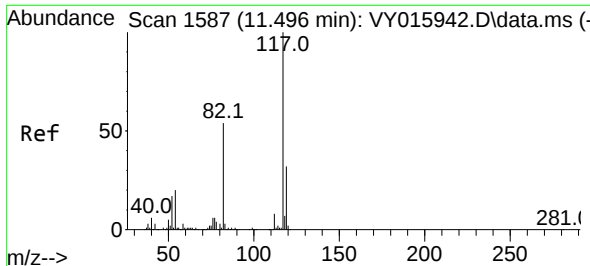
Tgt Ion: 98 Resp: 125684
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.879 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

Tgt Ion: 95 Resp: 38257
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.7 0.0 173.8

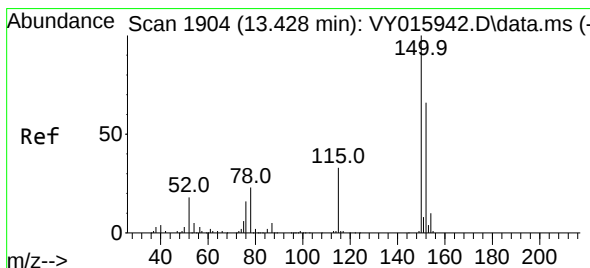
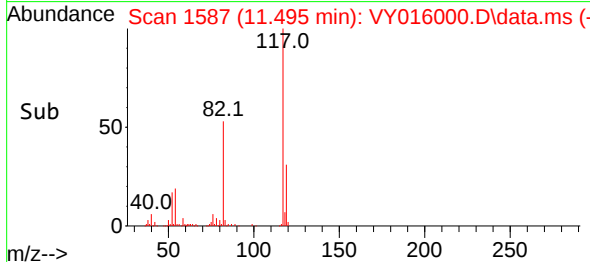
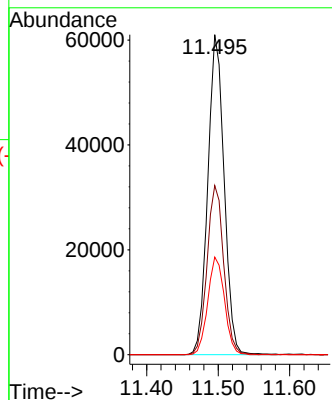
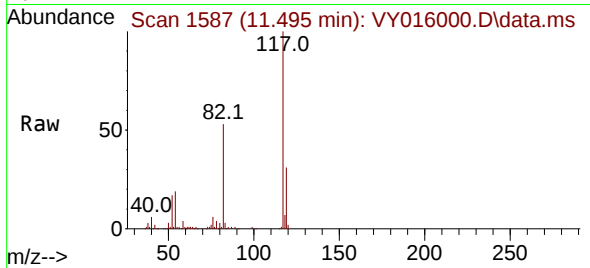




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-BRE

Tgt Ion:117	Resp:	96739
Ion Ratio	Lower	Upper
117	100	
82	52.8	43.4 65.0
119	30.5	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016000.D
Acq: 17 Oct 2023 13:37

Tgt Ion:152	Resp:	42477
Ion Ratio	Lower	Upper
152	100	
115	57.3	28.8 86.5
150	158.4	0.0 348.8

