

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016532.D
 Acq On : 29 Nov 2023 12:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 30 03:10:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	105945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	173967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	158929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	63100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	48492	57.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.746	113	51559	50.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.203	98	200800	50.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.508	95	60746	48.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.800%

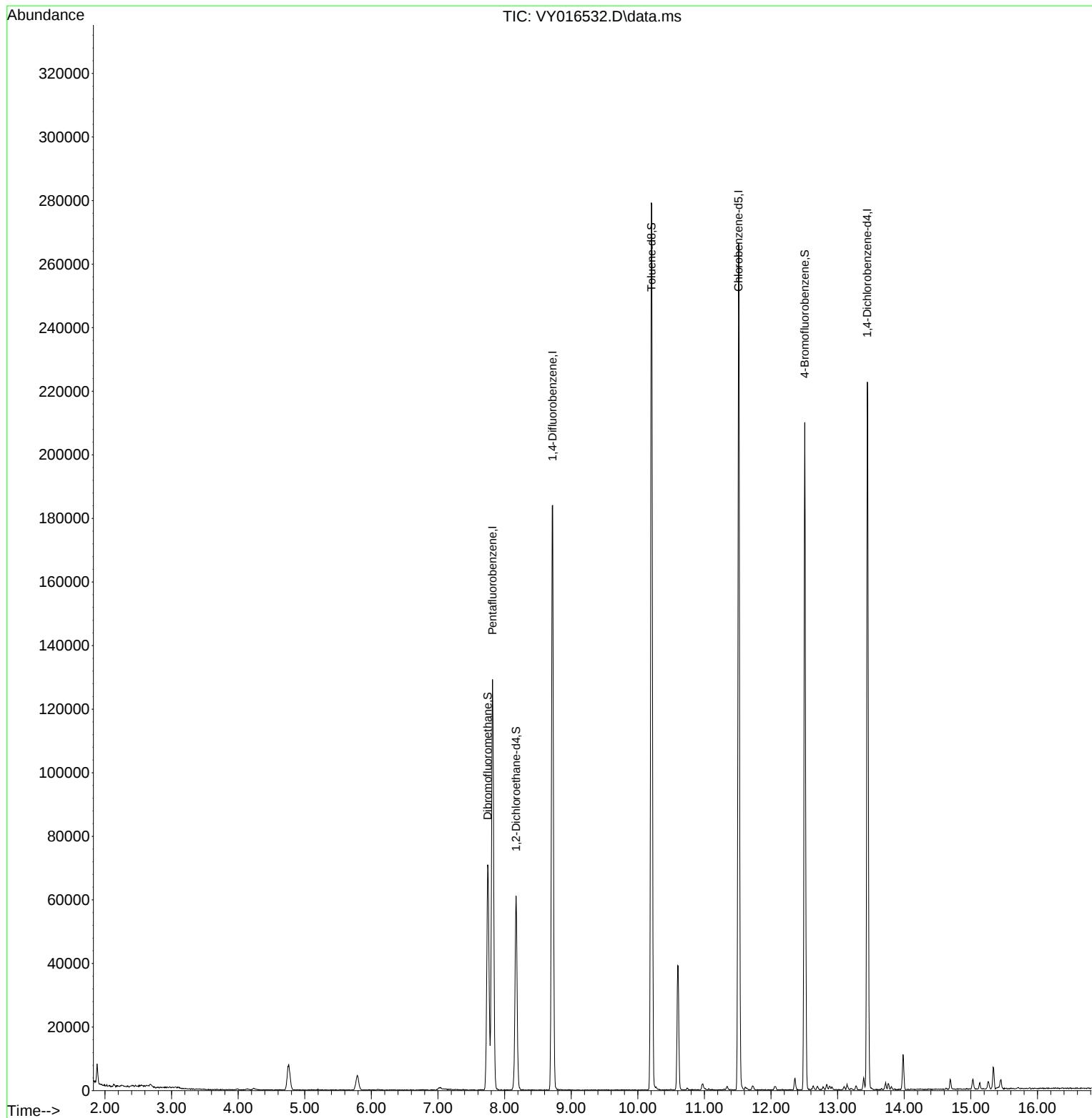
Target Compounds	Qvalue

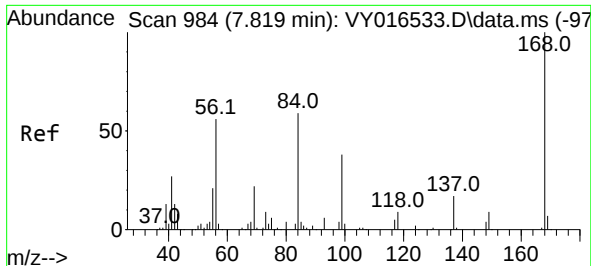
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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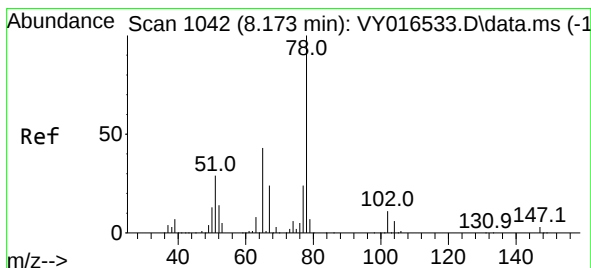
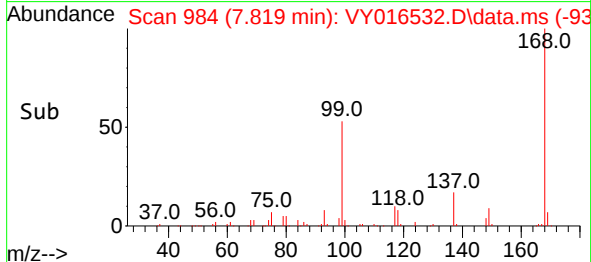
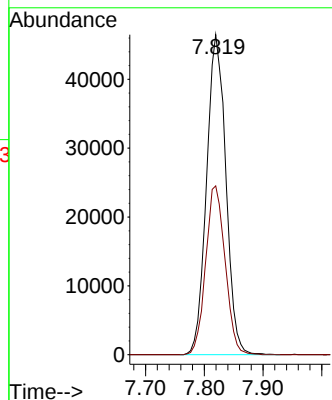
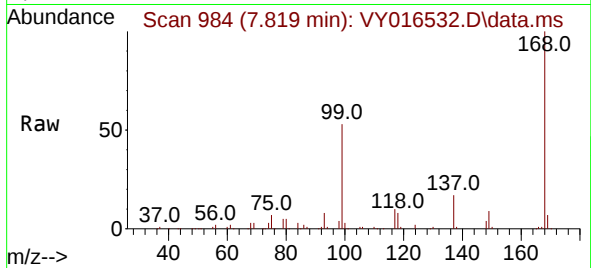




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

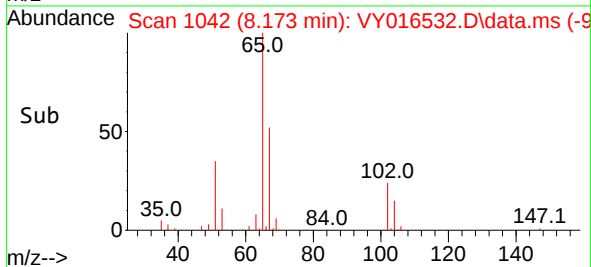
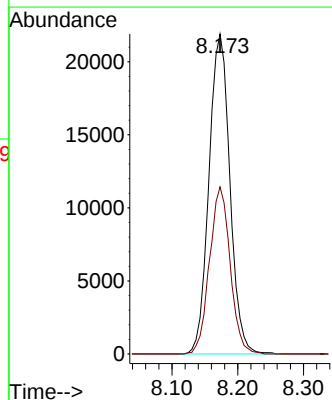
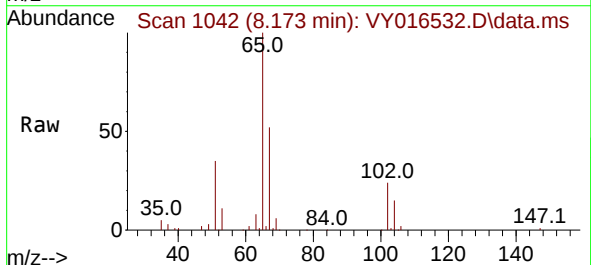
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

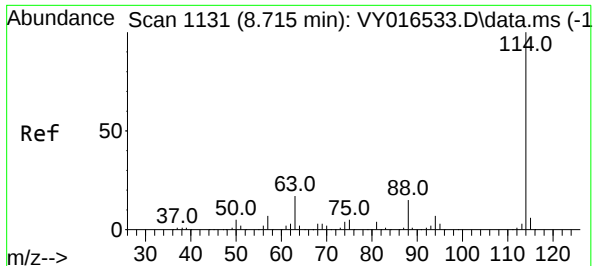
Tgt Ion:168 Resp: 105945
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.935 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion: 65 Resp: 48492
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY016532.D

Acq: 29 Nov 2023 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

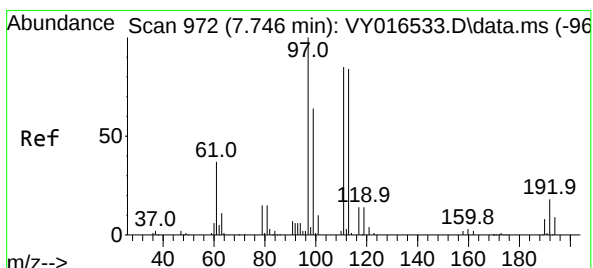
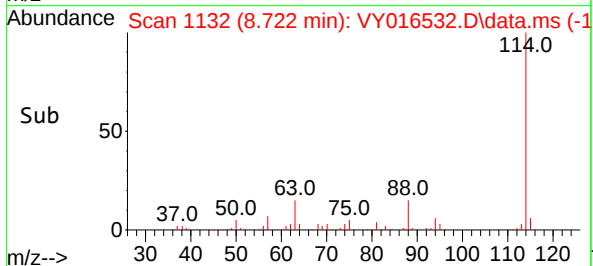
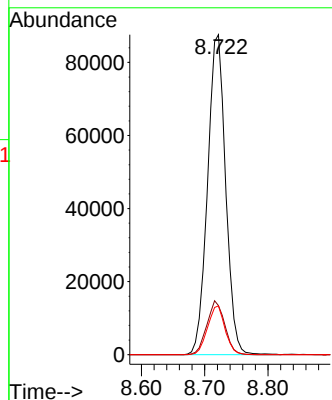
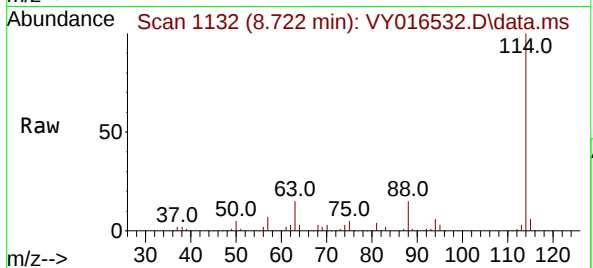
Tgt Ion:114 Resp: 173967

Ion Ratio Lower Upper

114 100

63 15.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.497 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY016532.D

Acq: 29 Nov 2023 12:05

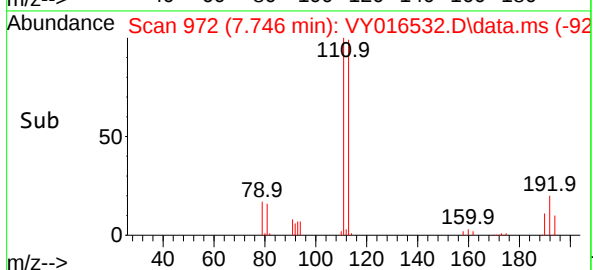
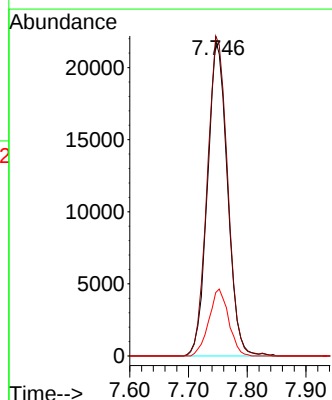
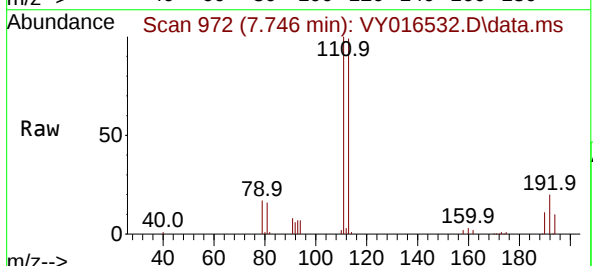
Tgt Ion:113 Resp: 51559

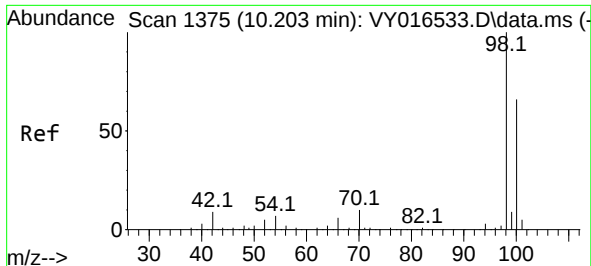
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 21.0 16.9 25.3

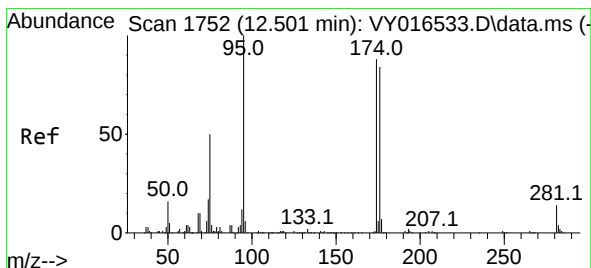
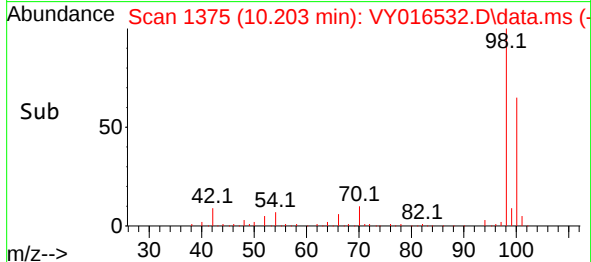
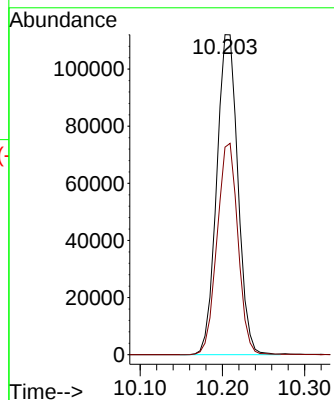
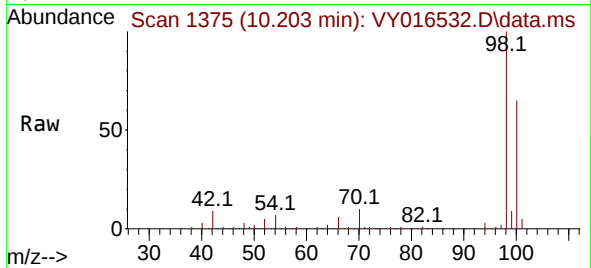




#50
Toluene-d8
Concen: 50.706 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

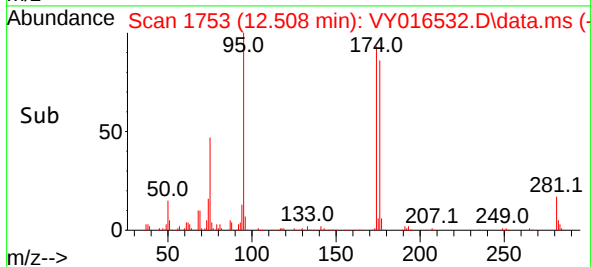
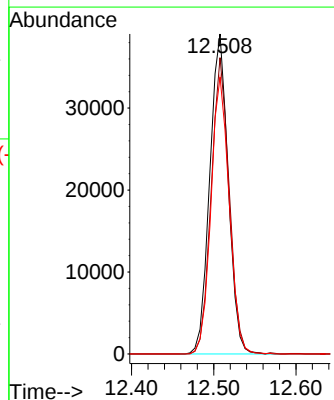
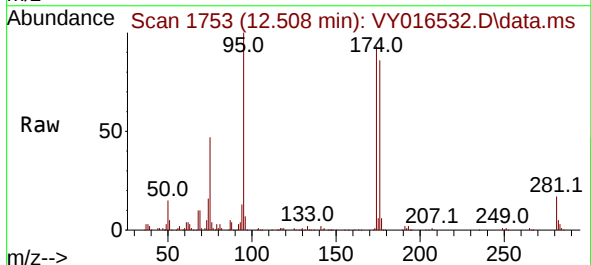
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

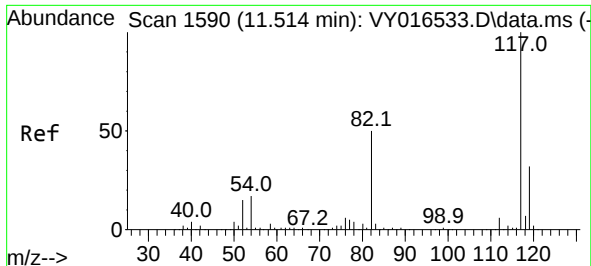
Tgt Ion: 98 Resp: 200800
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.898 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion: 95 Resp: 60746
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 85.9 0.0 173.8

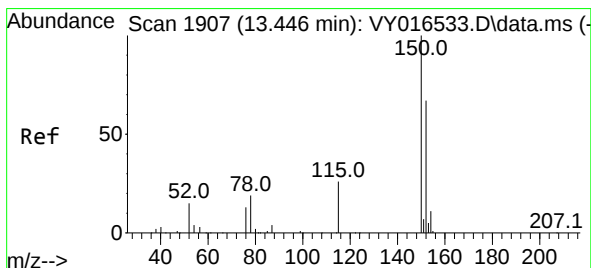
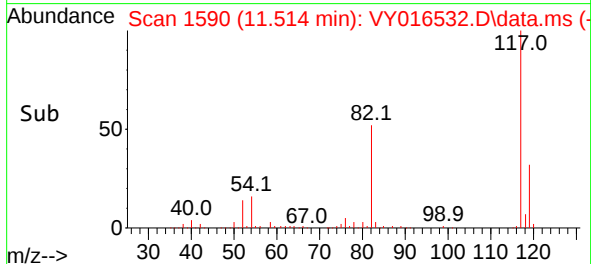
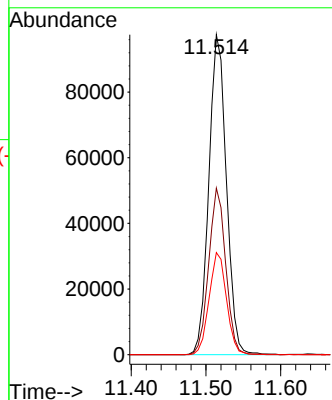
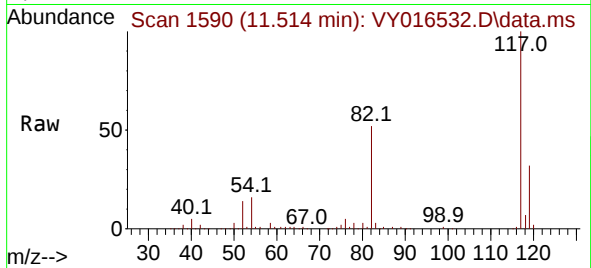




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 158929
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion:152 Resp: 63100
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.5 0.0 348.8

