

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013171.D
 Acq On : 03 Apr 2023 13:24
 Operator : KP/MD
 Sample : 02163-02
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2A

Quant Time: Apr 03 23:07:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55664	55.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.360%
35) Dibromofluoromethane	7.716	113	50154	50.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.179	98	186371	49.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.483	95	69147	56.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.300%

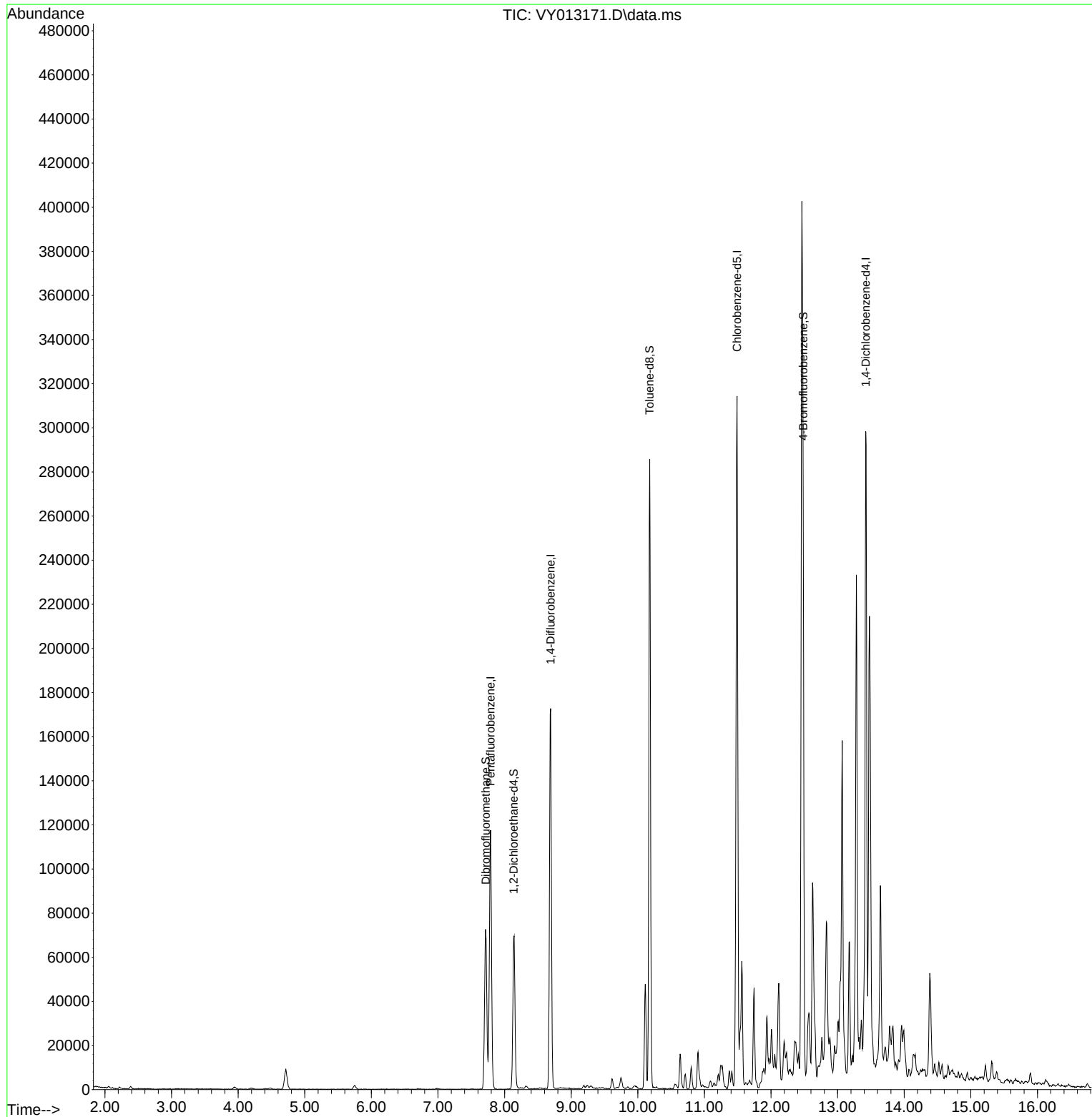
Target Compounds	Qvalue

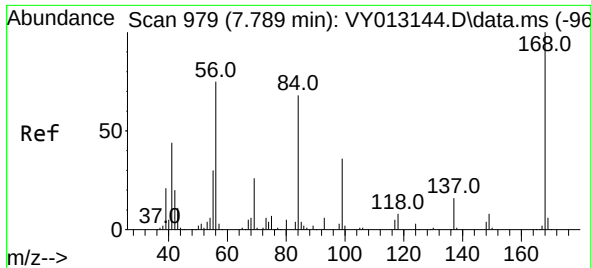
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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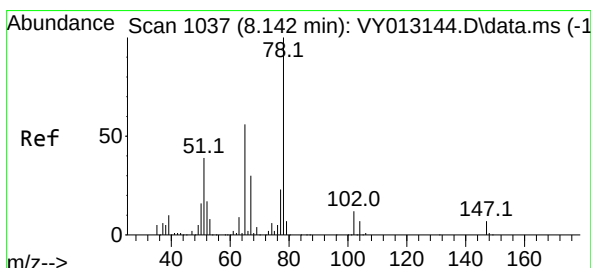
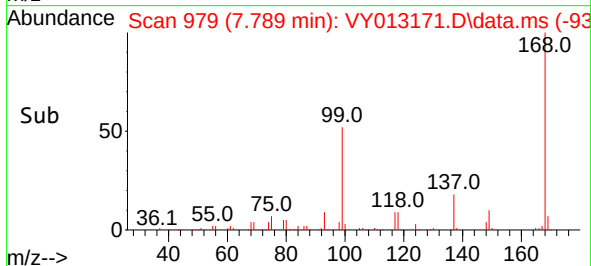
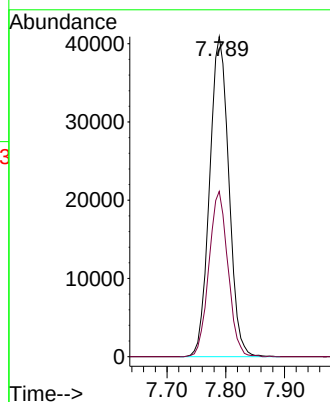
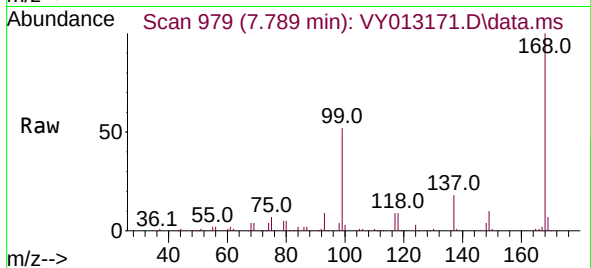




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

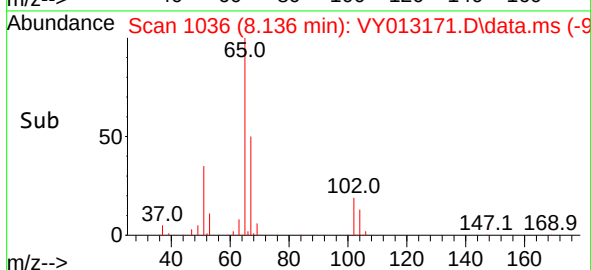
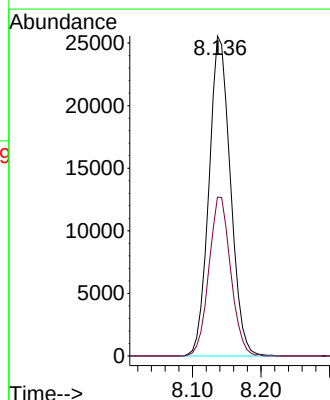
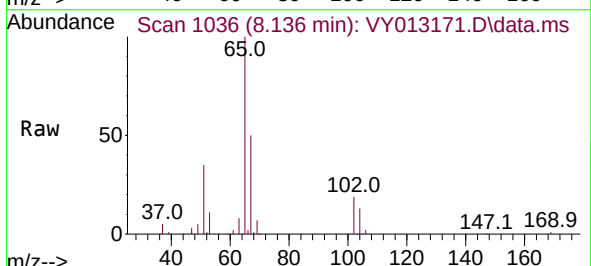
Instrument :
MSVOA_Y
ClientSampleId :
SB-2A

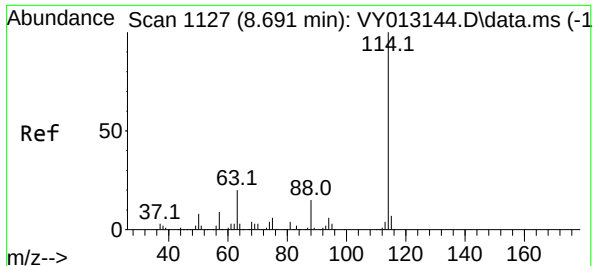
Tgt Ion:168 Resp: 93029
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 55.677 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

Tgt Ion: 65 Resp: 55664
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013171.D

Acq: 03 Apr 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-2A

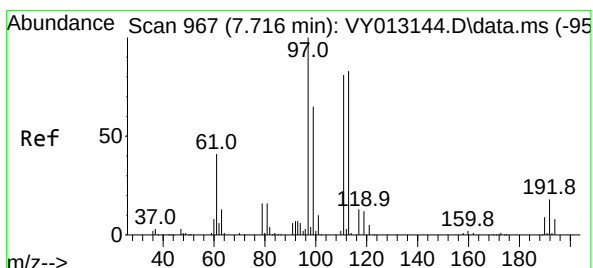
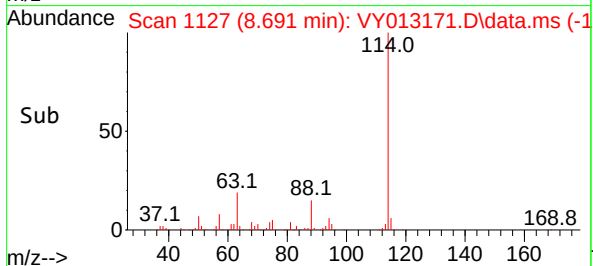
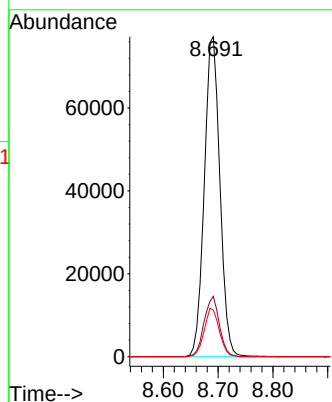
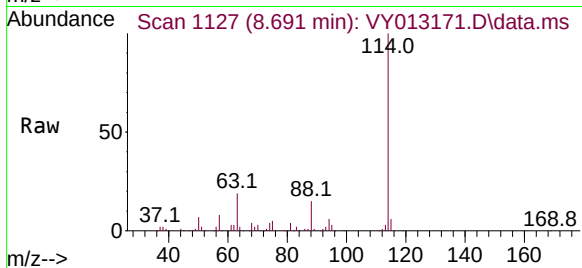
Tgt Ion:114 Resp: 152064

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.488 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013171.D

Acq: 03 Apr 2023 13:24

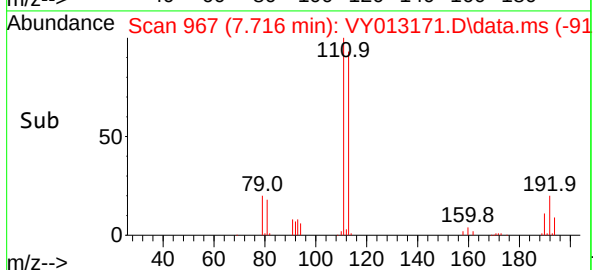
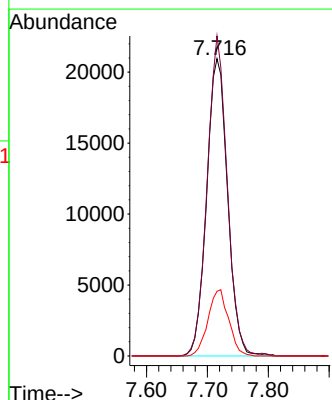
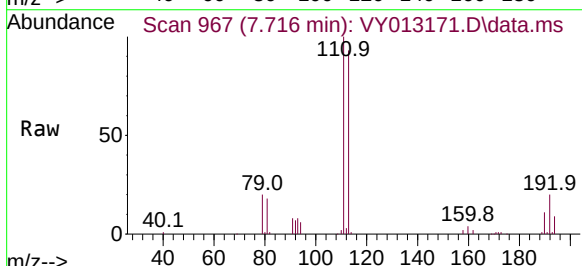
Tgt Ion:113 Resp: 50154

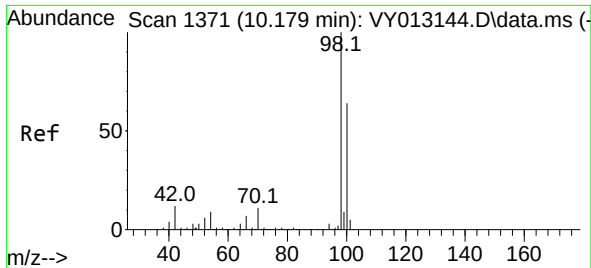
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 21.9 16.8 25.2

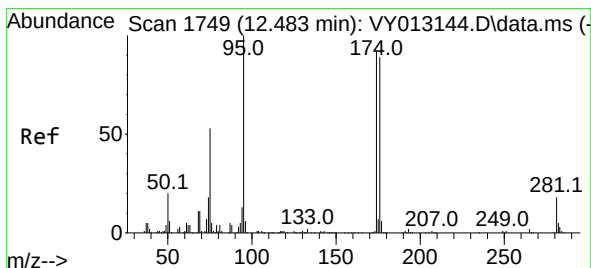
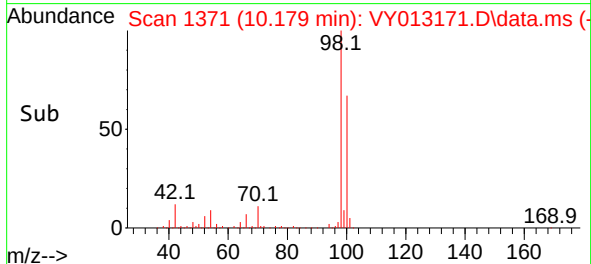
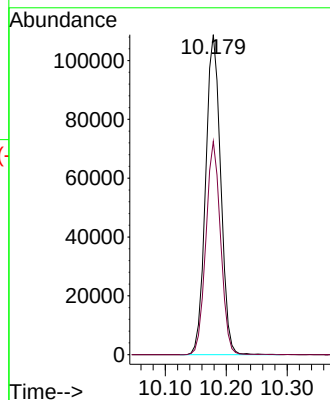
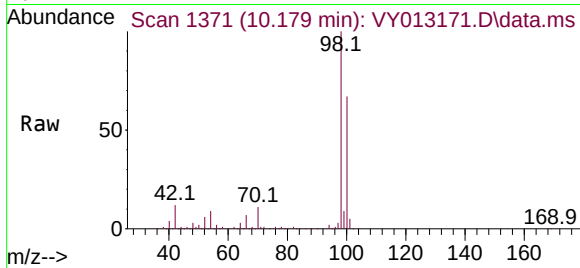




#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

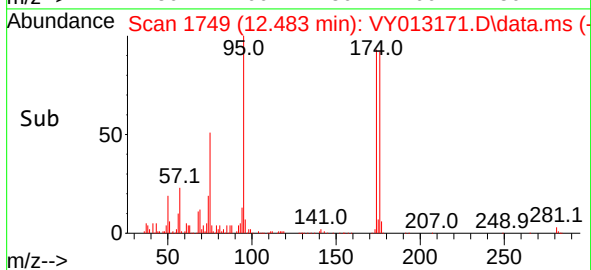
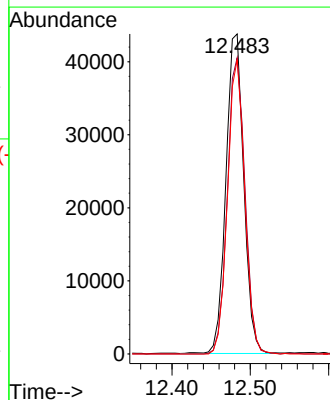
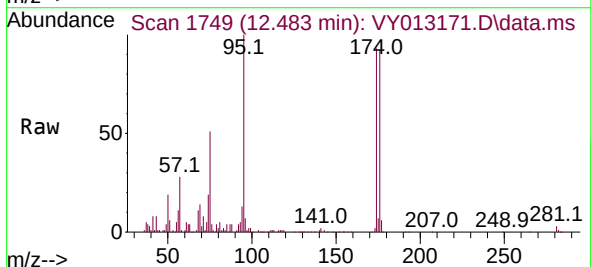
Instrument :
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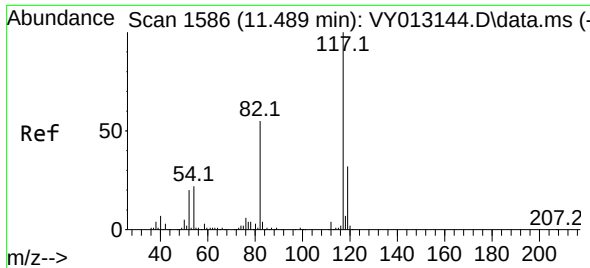
Tgt Ion: 98 Resp: 186371
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

Tgt Ion: 95 Resp: 69147
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 89.0 0.0 170.2

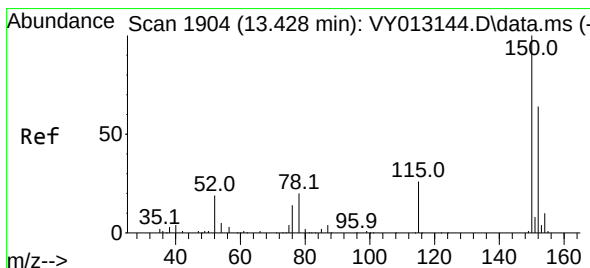
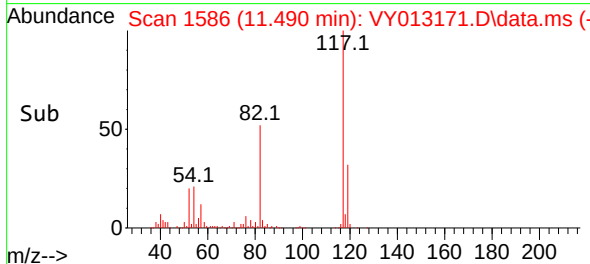
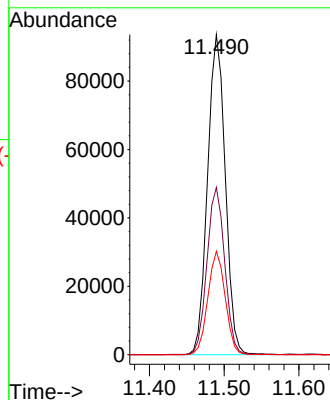
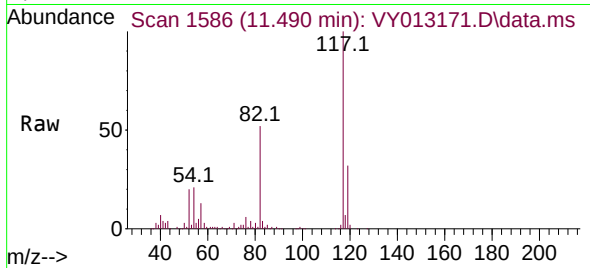




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-2A

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.4	68.0
119	32.3	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013171.D
Acq: 03 Apr 2023 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.3
150	153.7	0.0	347.8

