

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013205.D
 Acq On : 05 Apr 2023 12:34
 Operator : KP/MD
 Sample : 02170-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-033123

Quant Time: Apr 05 13:02:45 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	4458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2979	62.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.360%
35) Dibromofluoromethane	7.710	113	2646	59.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.540%
50) Toluene-d8	10.179	98	7993	47.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.477	95	2002	36.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.600%

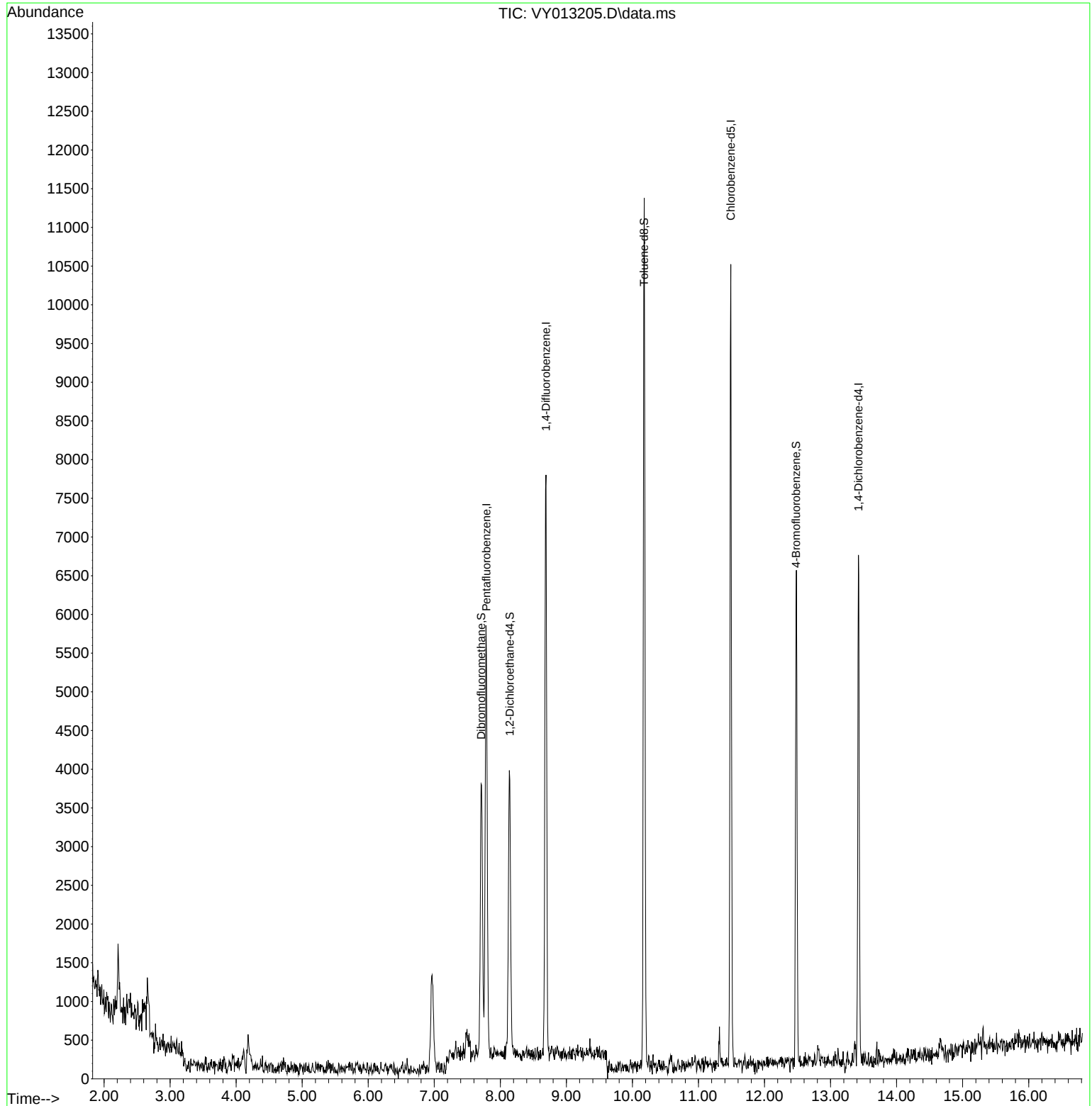
Target Compounds	Qvalue

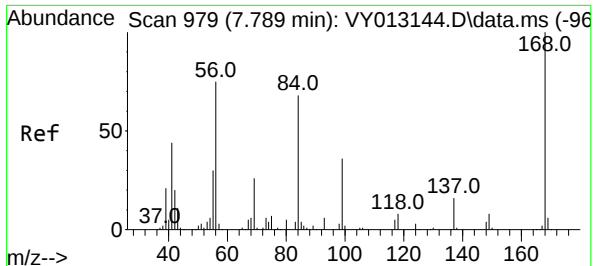
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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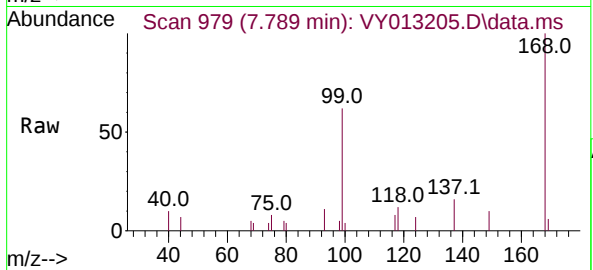
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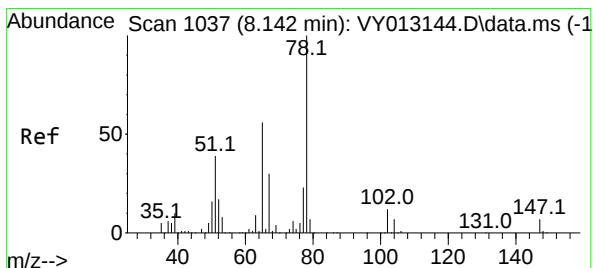
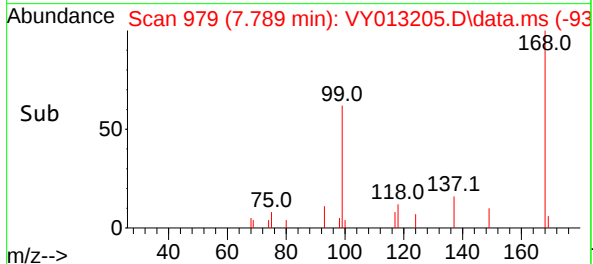
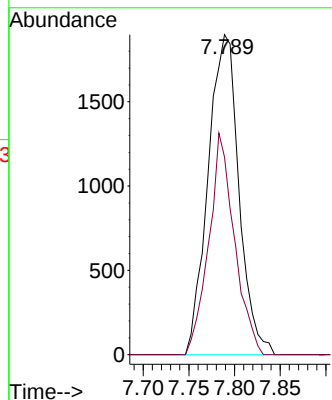


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013205.D
Acq: 05 Apr 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-033123

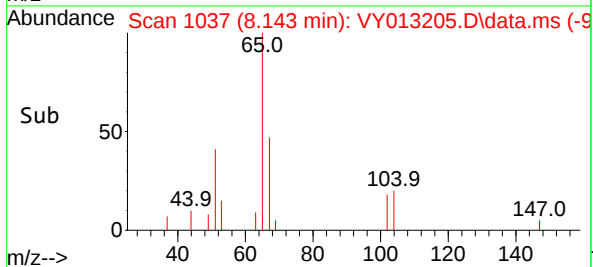
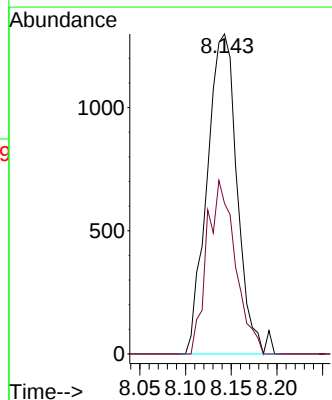
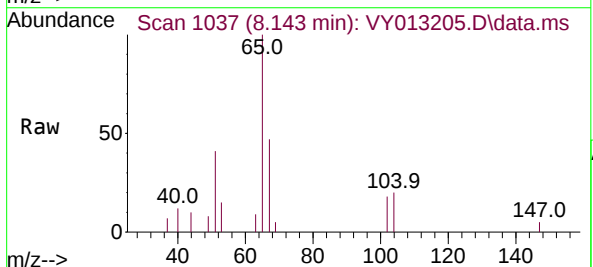


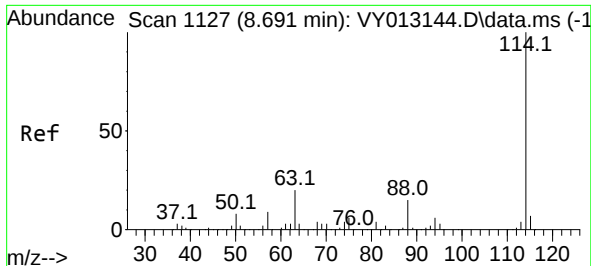
Tgt Ion:168 Resp: 4458
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.180 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY013205.D
Acq: 05 Apr 2023 12:34

Tgt Ion: 65 Resp: 2979
Ion Ratio Lower Upper
65 100
67 51.1 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: VY013205.D

Acq: 05 Apr 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-033123

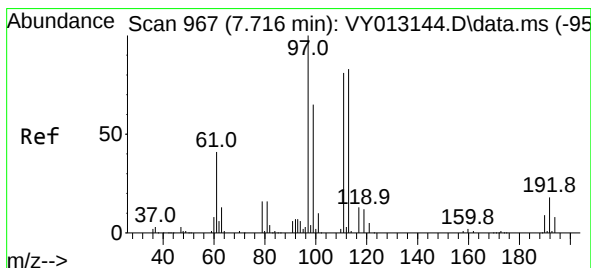
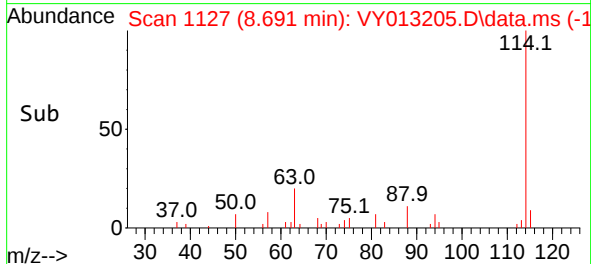
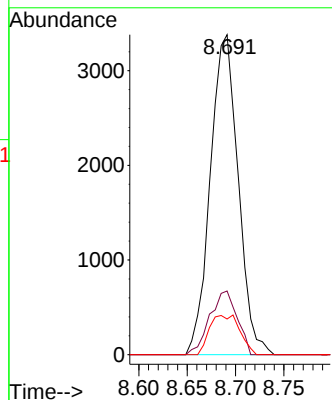
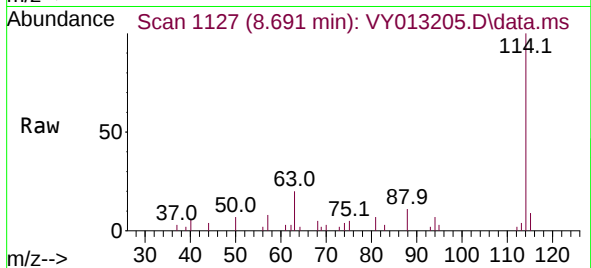
Tgt Ion:114 Resp: 6777

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 11.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.767 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013205.D

Acq: 05 Apr 2023 12:34

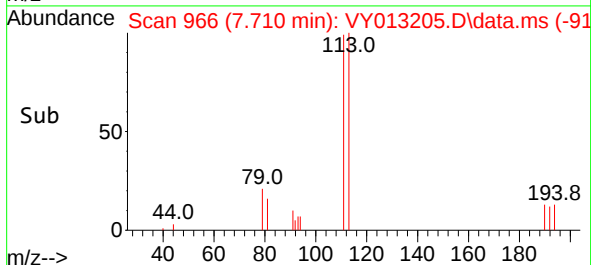
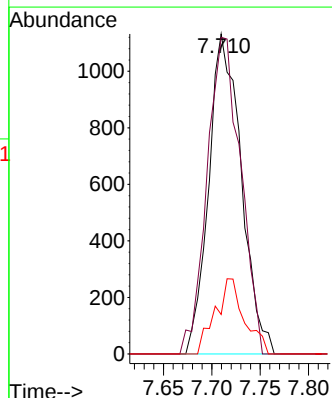
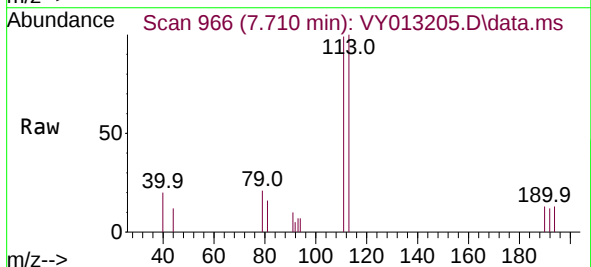
Tgt Ion:113 Resp: 2646

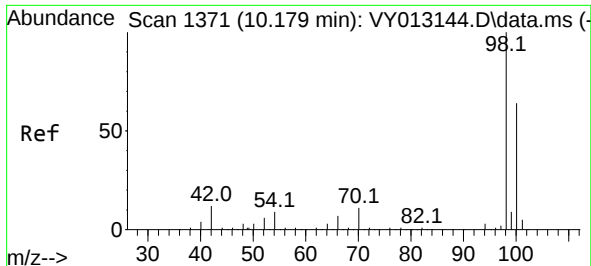
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.0 16.8 25.2

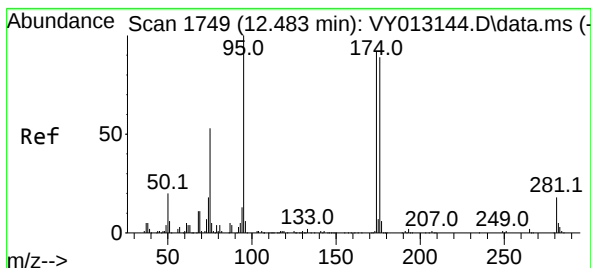
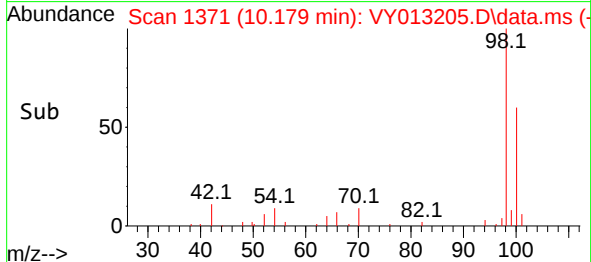
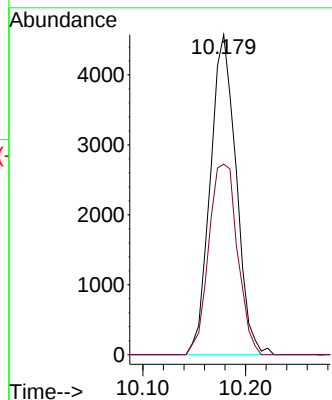
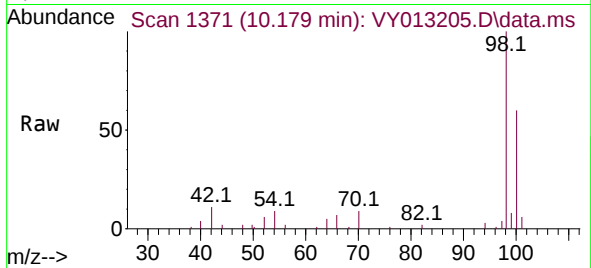




#50
Toluene-d8
Concen: 47.824 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013205.D
Acq: 05 Apr 2023 12:34

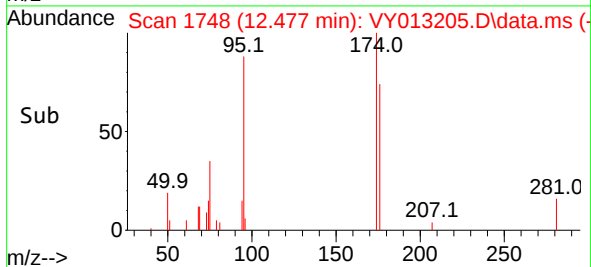
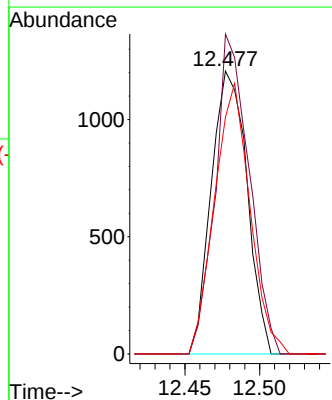
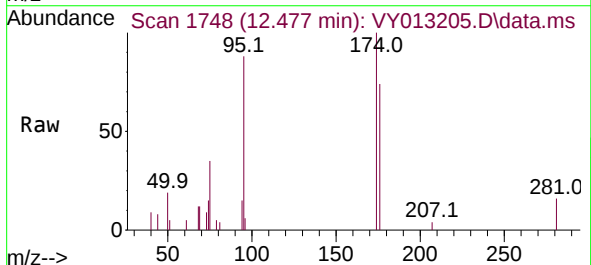
Instrument :
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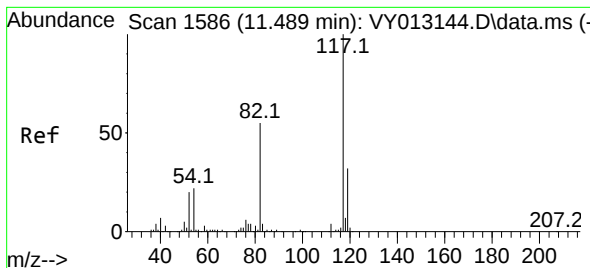
Tgt Ion: 98 Resp: 7993
Ion Ratio Lower Upper
98 100
100 66.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 36.800 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013205.D
Acq: 05 Apr 2023 12:34

Tgt Ion: 95 Resp: 2002
Ion Ratio Lower Upper
95 100
174 107.7 0.0 176.6
176 95.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013205.D

Acq: 05 Apr 2023 12:34

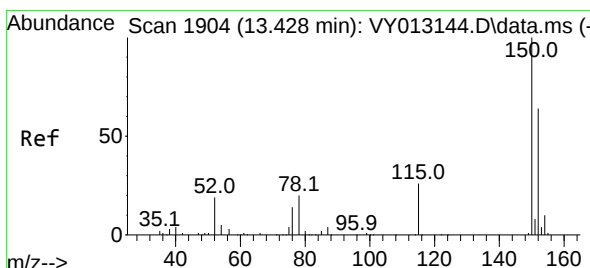
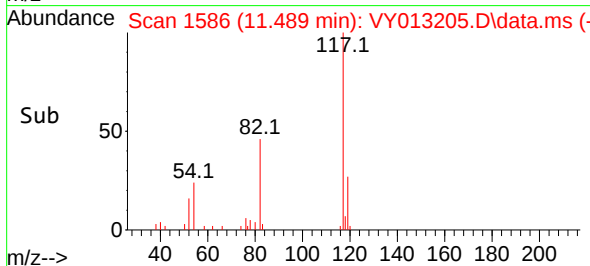
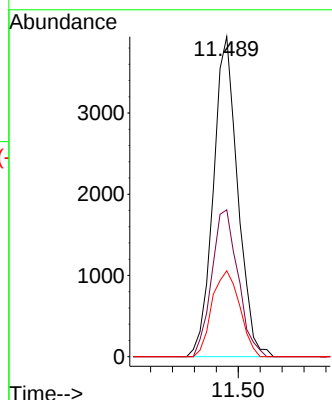
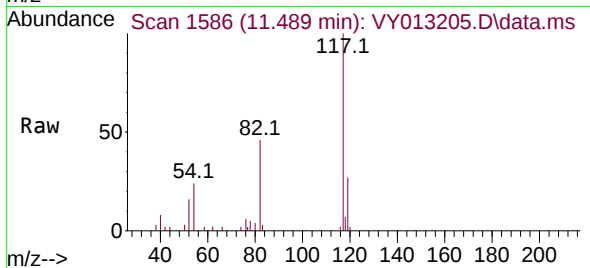
Instrument :

MSVOA_Y

ClientSampleId :

EO-3-033123

Tgt Ion:117	Resp:	6090
Ion Ratio	Lower	Upper
117	100	
82	45.9	45.4 68.0
119	26.9	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: VY013205.D

Acq: 05 Apr 2023 12:34

Tgt Ion:152	Resp:	2115
Ion Ratio	Lower	Upper
152	100	
115	54.0	27.1 81.3
150	158.2	0.0 347.8

