

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013717.D
 Acq On : 11 May 2023 15:48
 Operator : KP/MD
 Sample : 02743-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

Quant Time: May 12 04:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

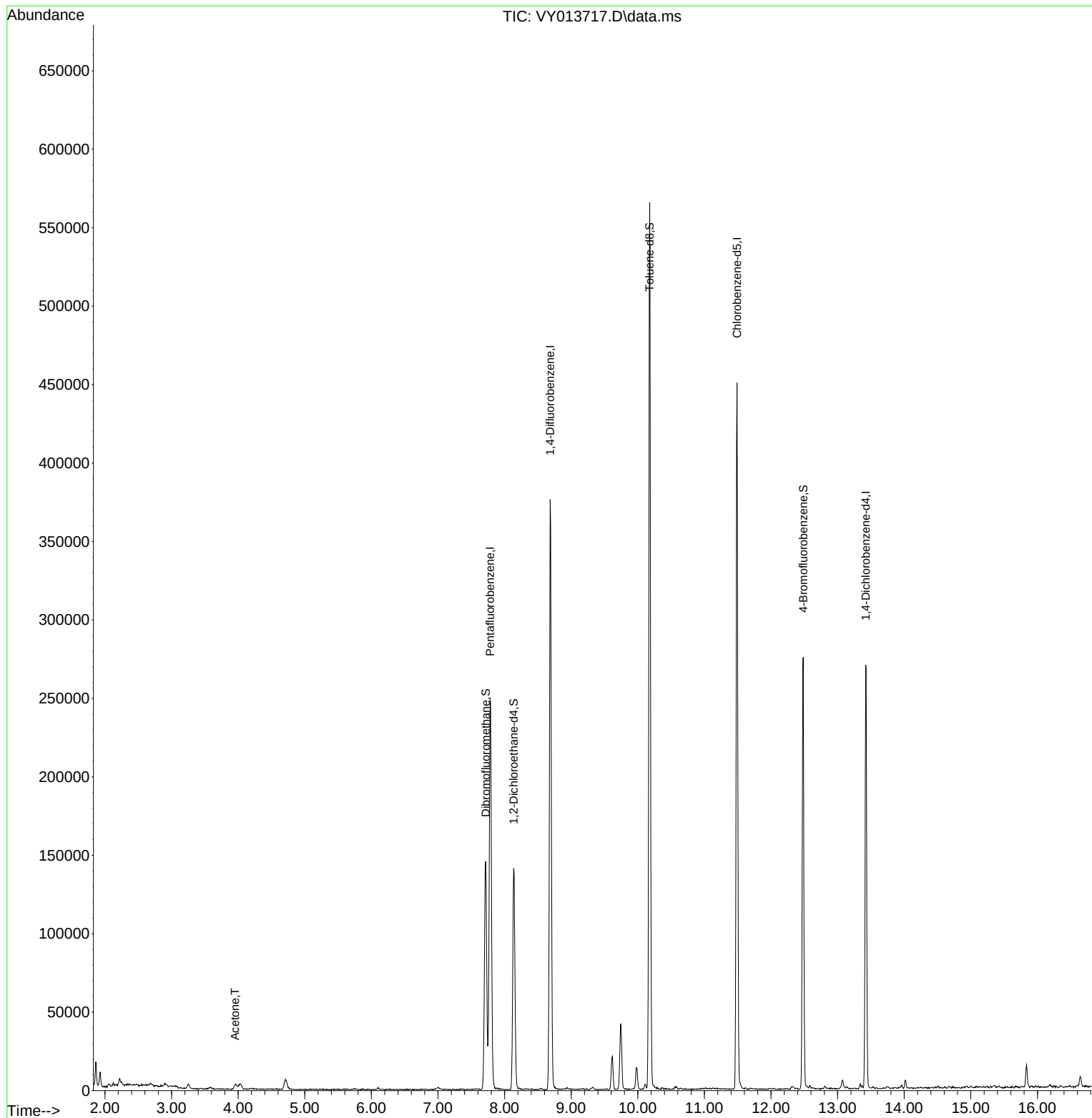
Internal Standards						
1) Pentafluorobenzene	7.783	168	196151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117995	54.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.716	113	100899	52.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.179	98	368639	53.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.483	95	81311	35.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.320%	
Target Compounds						
16) Acetone	3.954	43	7306	8.628	ug/l	Qvalue 96

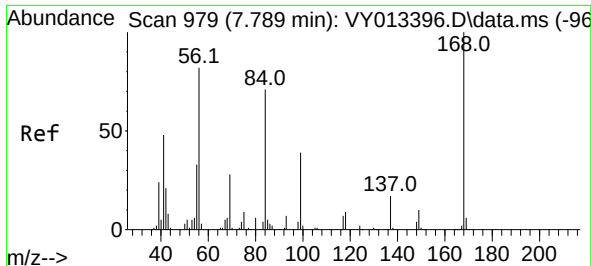
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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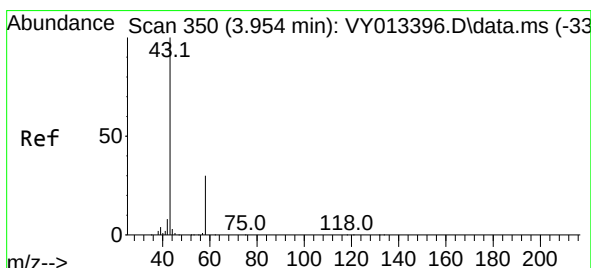
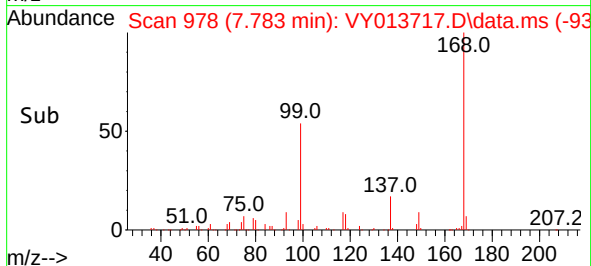
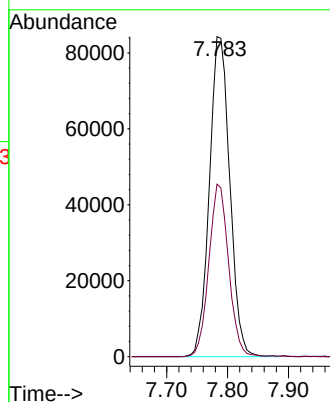
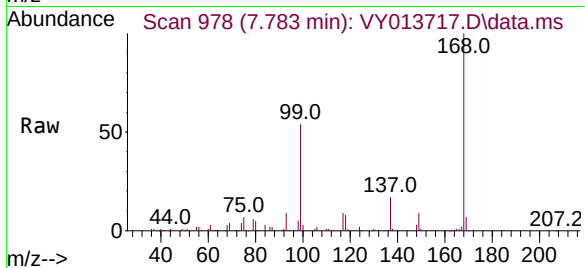




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

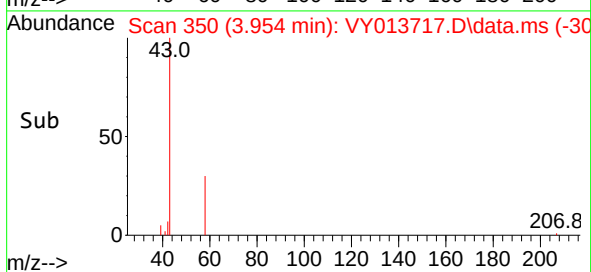
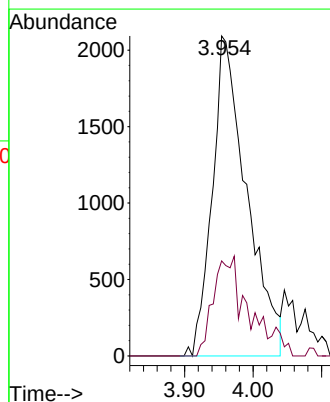
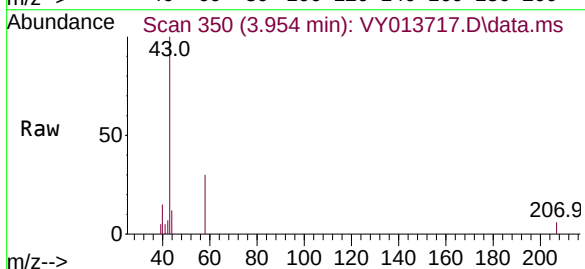
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

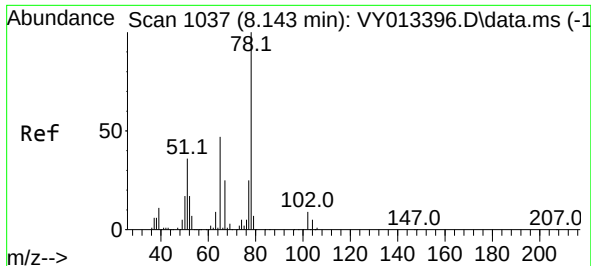
Tgt Ion:168 Resp: 196151
Ion Ratio Lower Upper
168 100
99 53.9 41.8 62.6



#16
Acetone
Concen: 8.628 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

Tgt Ion: 43 Resp: 7306
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 54.875 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013717.D

Acq: 11 May 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

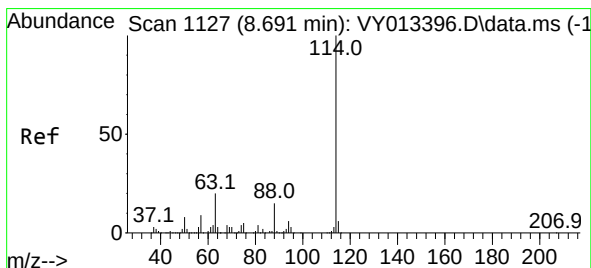
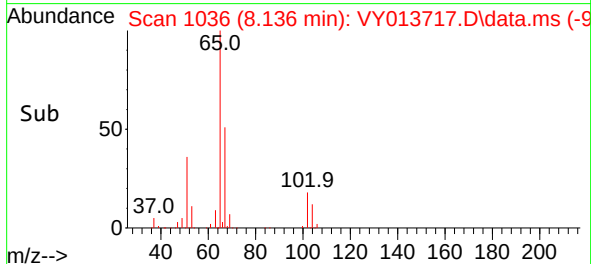
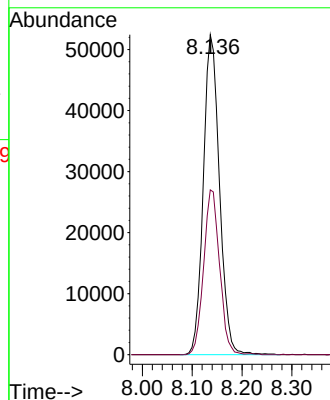
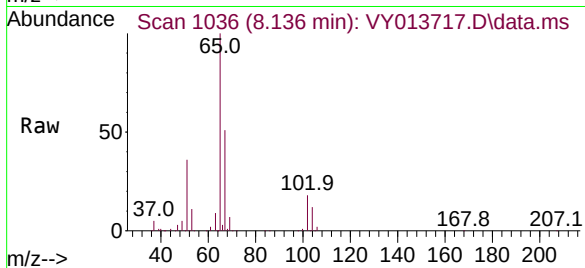
RO-COMP

Tgt Ion: 65 Resp: 117995

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013717.D

Acq: 11 May 2023 15:48

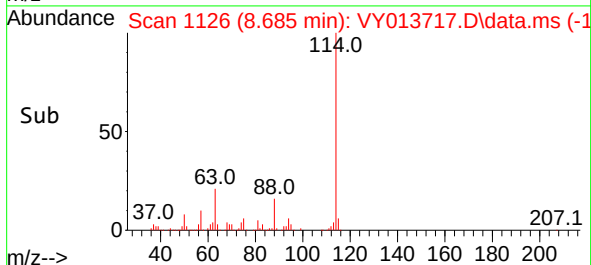
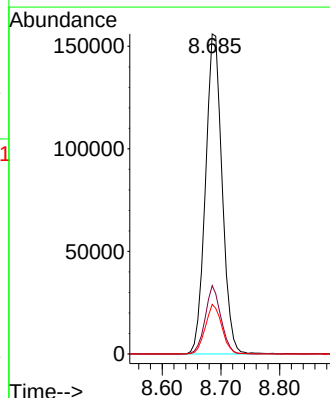
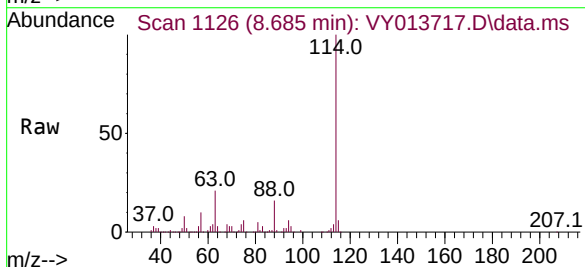
Tgt Ion: 114 Resp: 306549

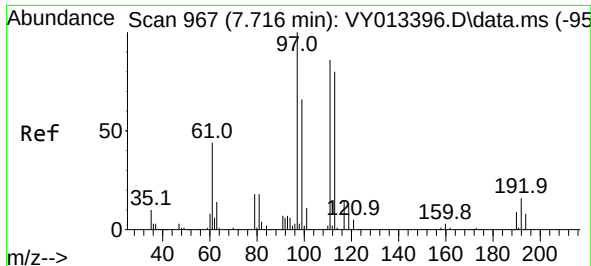
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 15.5 0.0 28.8

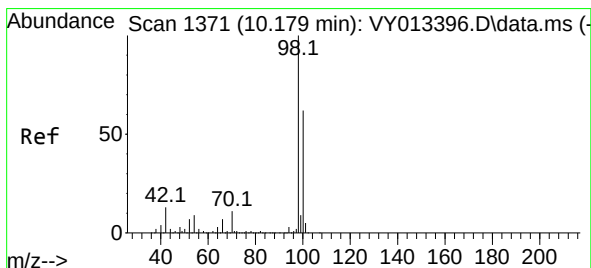
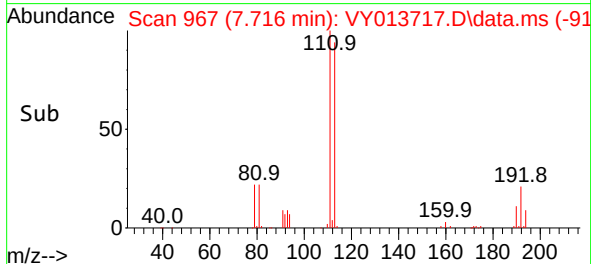
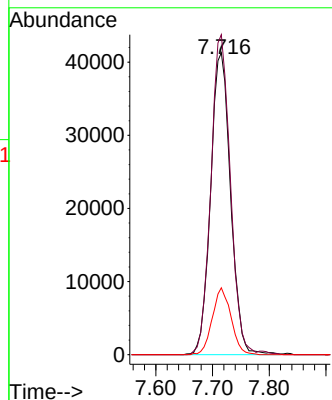
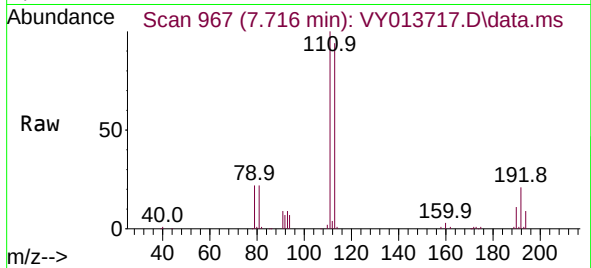




#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

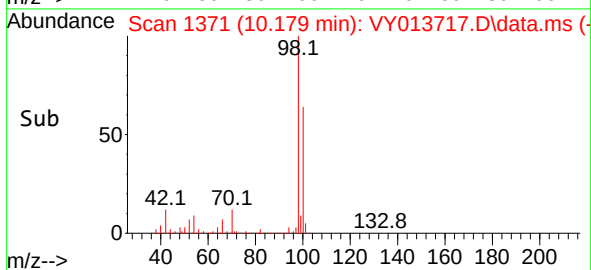
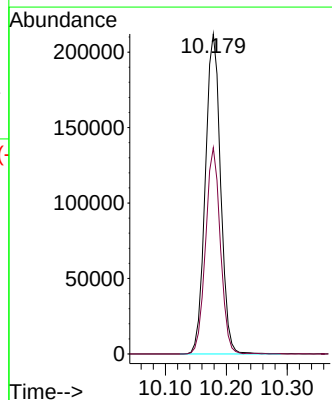
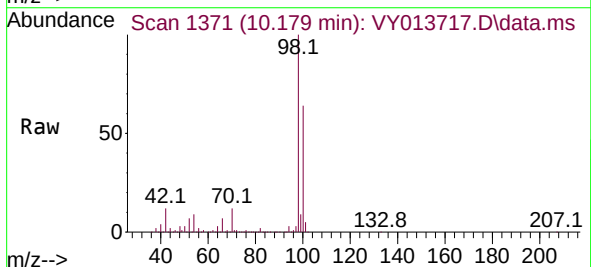
Instrument :
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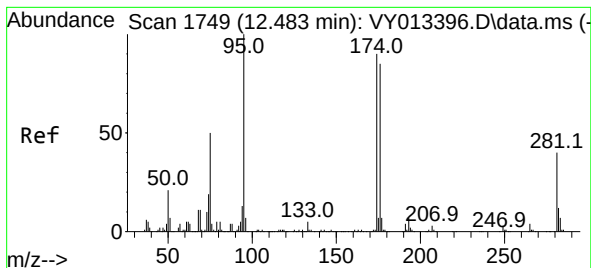
Tgt Ion:113 Resp: 100899
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.8 16.7 25.1



#50
Toluene-d8
Concen: 53.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

Tgt Ion: 98 Resp: 368639
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7

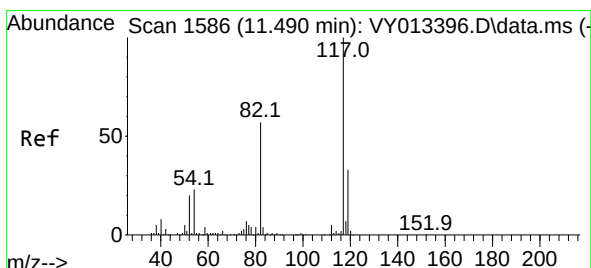
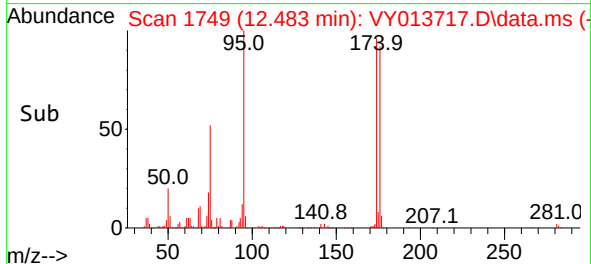
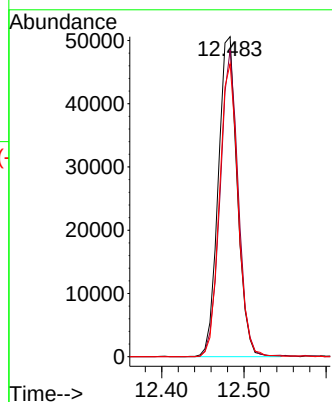
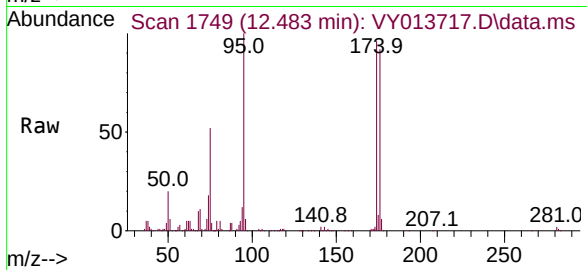




#62
4-Bromofluorobenzene
Concen: 35.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

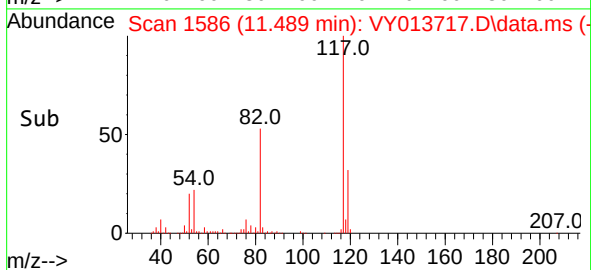
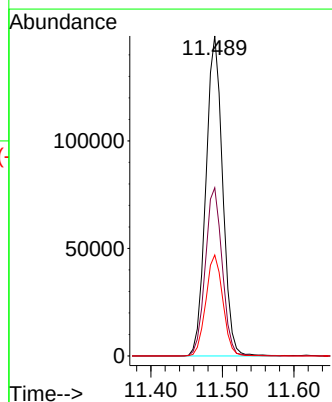
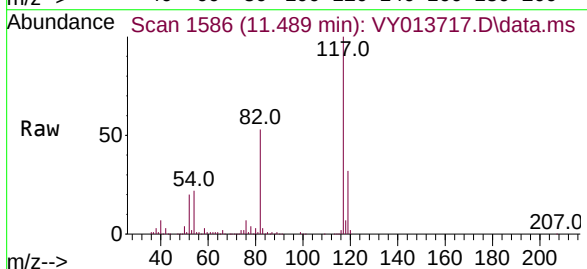
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

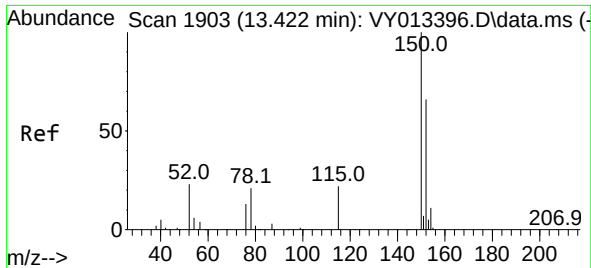
Tgt Ion: 95 Resp: 81311
Ion Ratio Lower Upper
95 100
174 91.5 0.0 182.0
176 89.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013717.D
Acq: 11 May 2023 15:48

Tgt Ion: 117 Resp: 241741
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.6
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013717.D

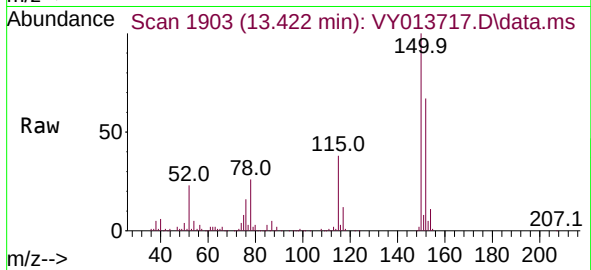
Acq: 11 May 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

RO-COMP



Tgt Ion:152 Resp: 73291

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

150 155.8 0.0 352.0

