

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013880.D
 Acq On : 25 May 2023 17:57
 Operator : KP/MD
 Sample : 02908-06RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01RE

Quant Time: May 26 04:35:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

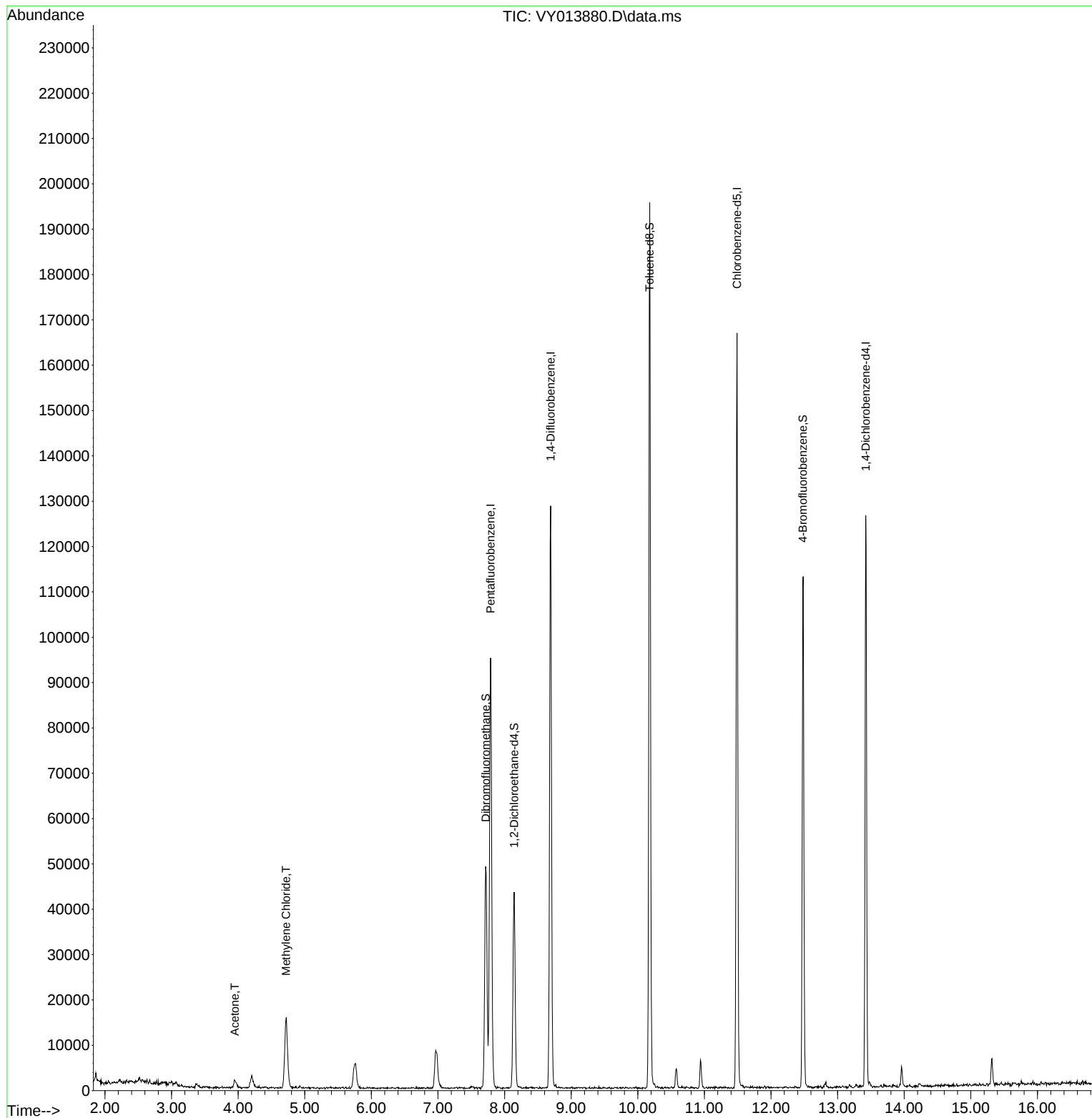
Internal Standards						
1) Pentafluorobenzene	7.789	168	72694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35890	42.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.360%		
35) Dibromofluoromethane	7.715	113	34035	49.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.020%		
50) Toluene-d8	10.178	98	127607	48.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.477	95	32291	37.183	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.360%		
Target Compounds						
16) Acetone	3.948	43	3223	12.912	ug/l	96
20) Methylene Chloride	4.716	84	10586	9.925	ug/l	95

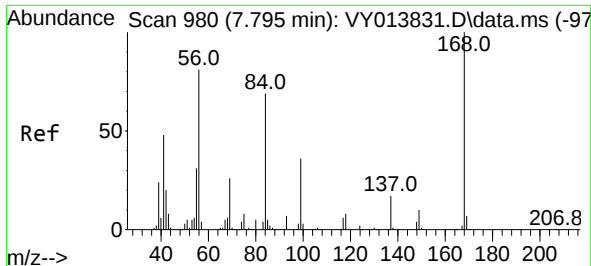
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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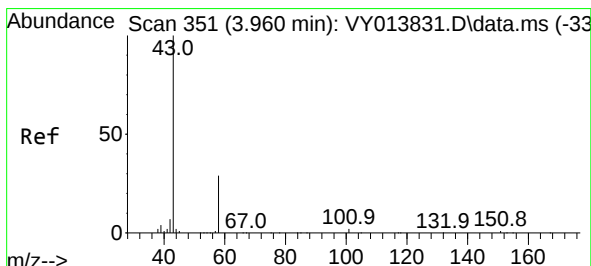
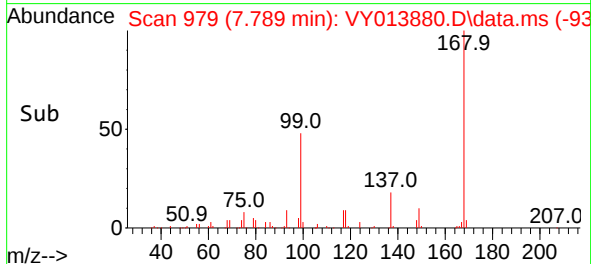
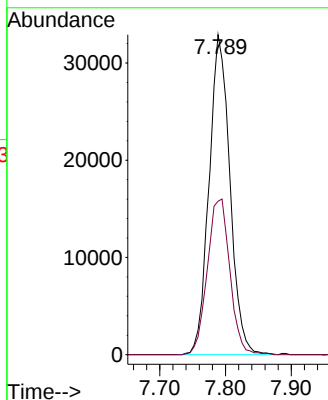
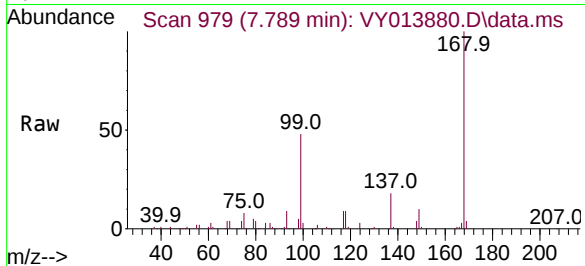




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

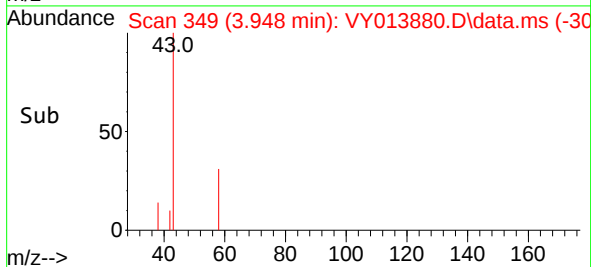
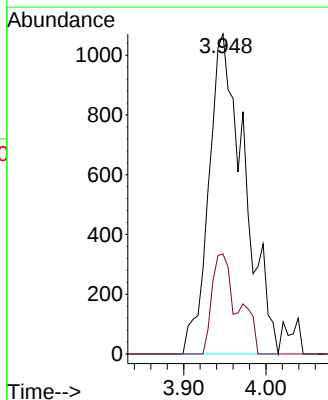
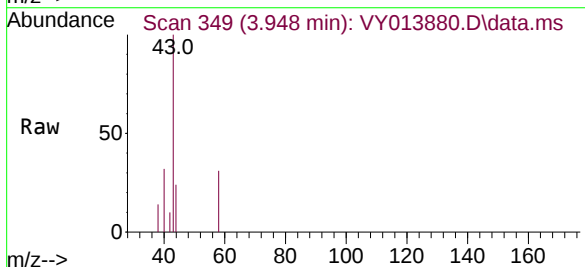
Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

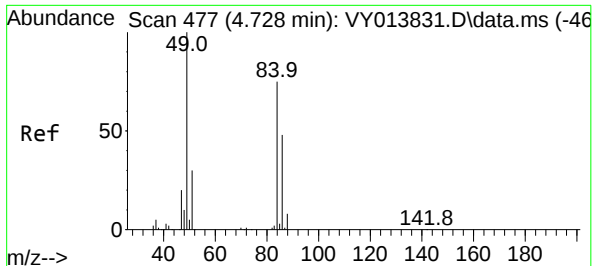
Tgt Ion:168 Resp: 72694
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.2



#16
Acetone
Concen: 12.912 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 31.3 23.3 34.9



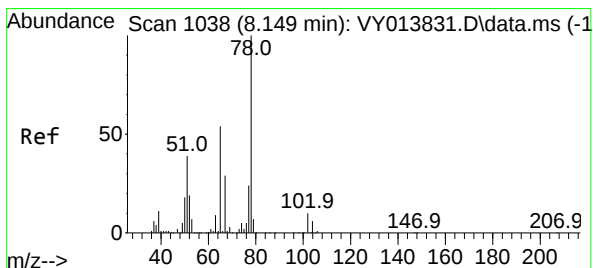
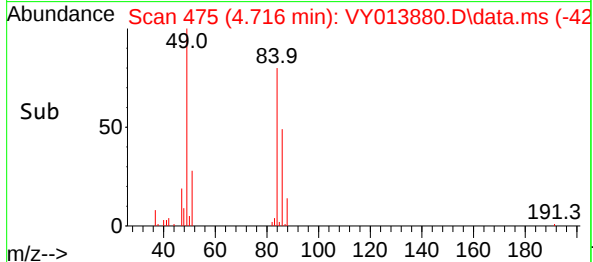
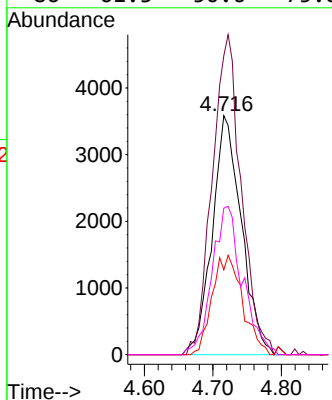
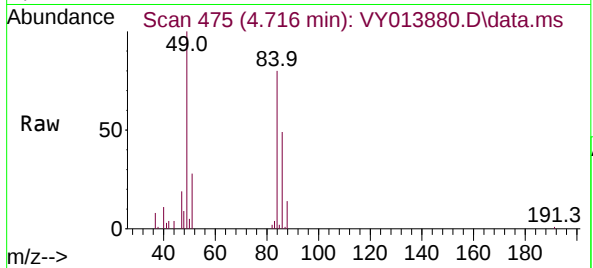


#20
Methylene Chloride
Concen: 9.925 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
DUP01RE

Tgt Ion: 84 Resp: 10586

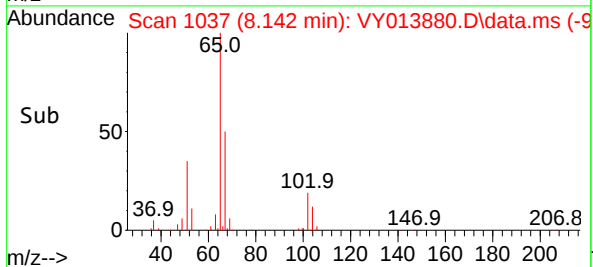
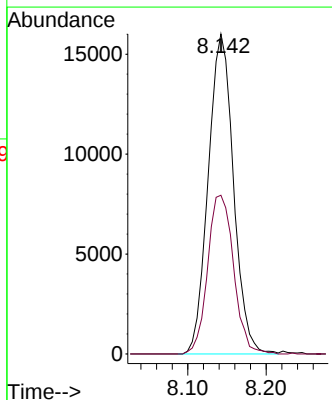
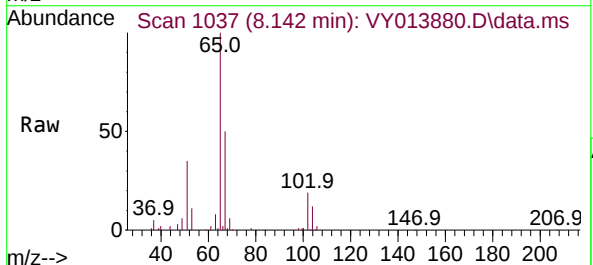
Ion	Ratio	Lower	Upper
84	100		
49	125.1	106.2	159.2
51	35.5	31.4	47.0
86	61.3	50.6	75.8

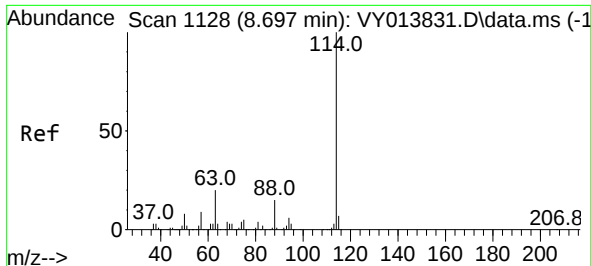


#33
1,2-Dichloroethane-d4
Concen: 42.675 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 65 Resp: 35890

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013880.D

Acq: 25 May 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

DUP01RE

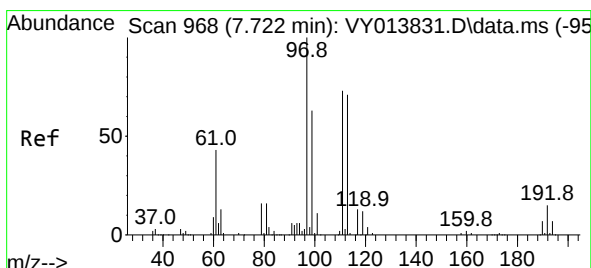
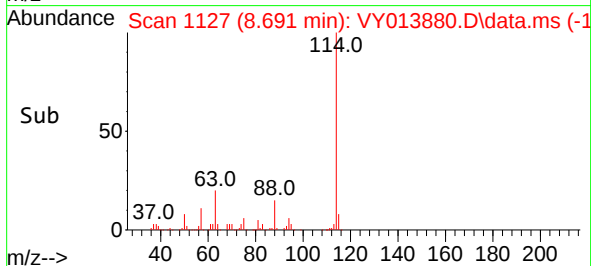
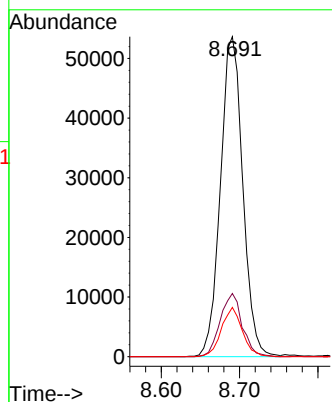
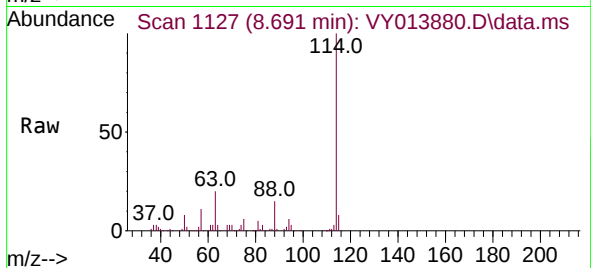
Tgt Ion:114 Resp: 106441

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.513 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013880.D

Acq: 25 May 2023 17:57

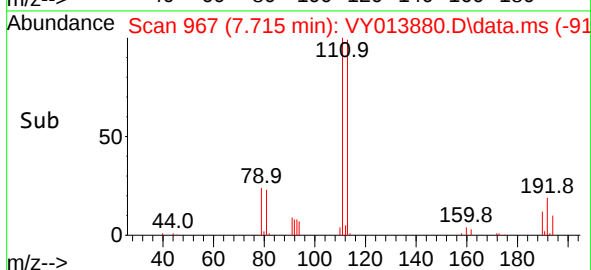
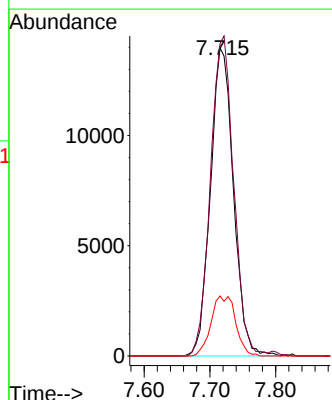
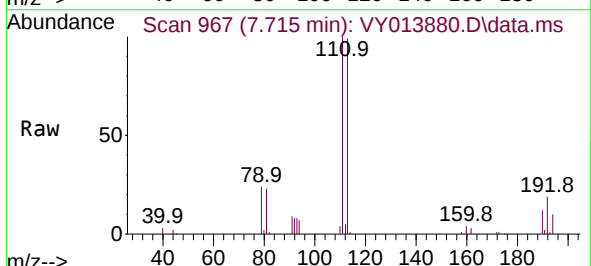
Tgt Ion:113 Resp: 34035

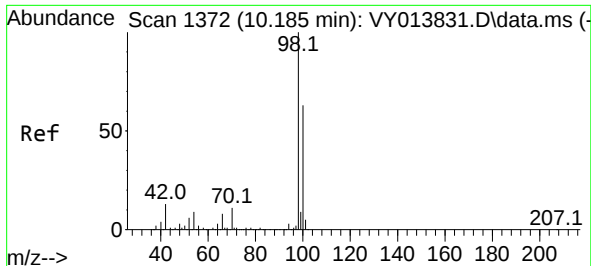
Ion Ratio Lower Upper

113 100

111 104.5 80.4 120.6

192 20.8 16.6 25.0

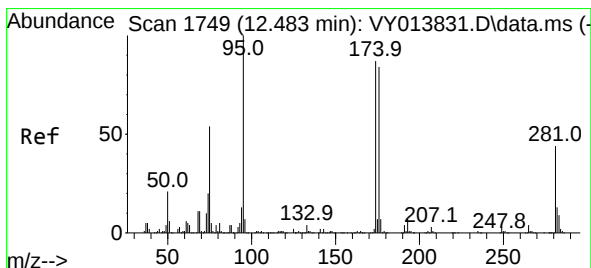
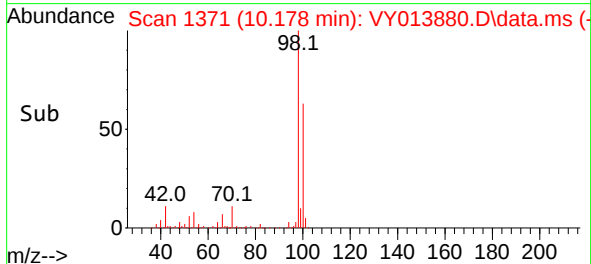
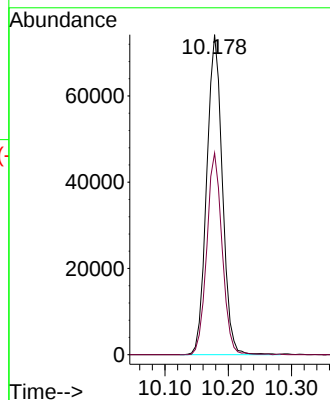
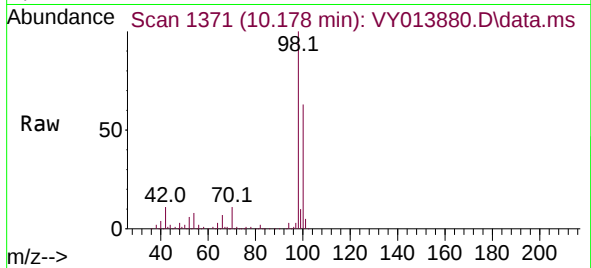




#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

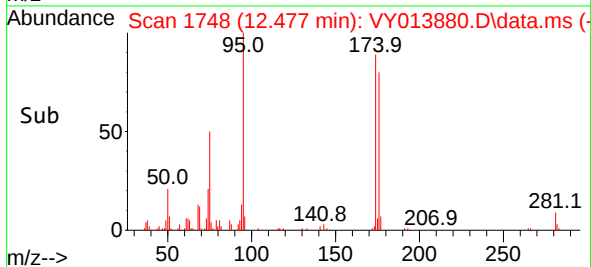
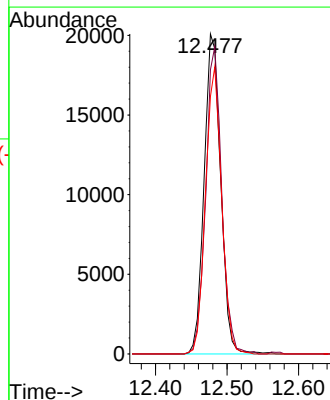
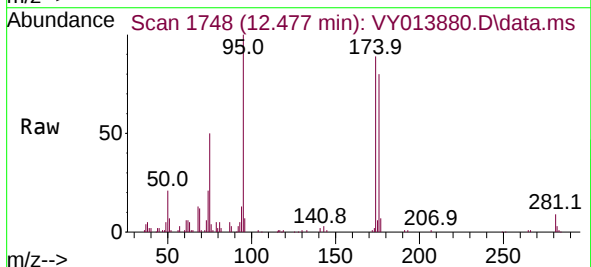
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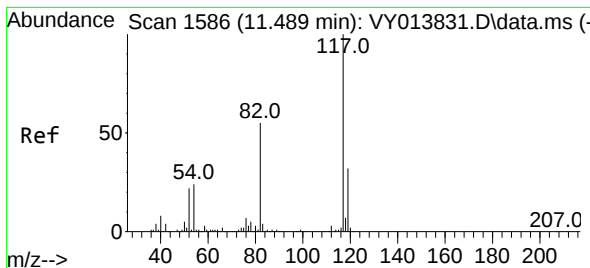
Tgt Ion: 98 Resp: 127607
Ion Ratio Lower Upper
98 100
100 61.8 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 37.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013880.D
Acq: 25 May 2023 17:57

Tgt Ion: 95 Resp: 32291
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.0
176 87.7 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: VY013880.D

Acq: 25 May 2023 17:57

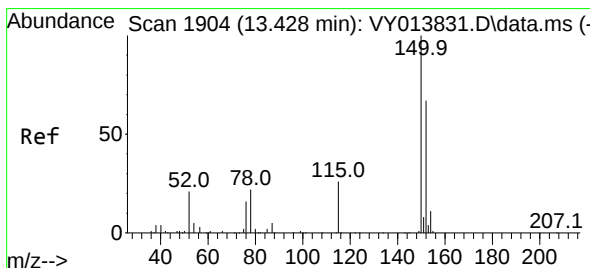
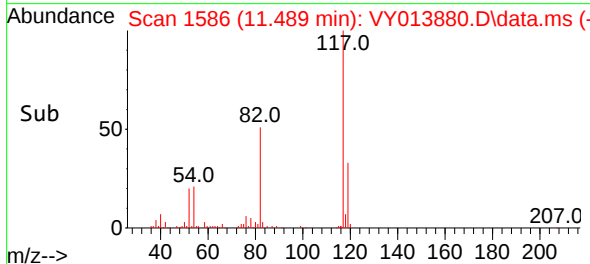
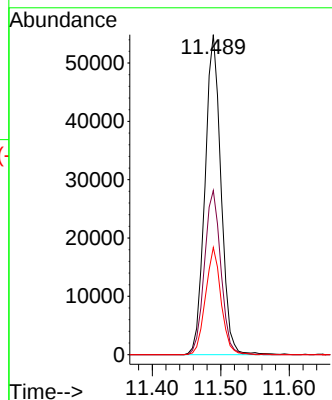
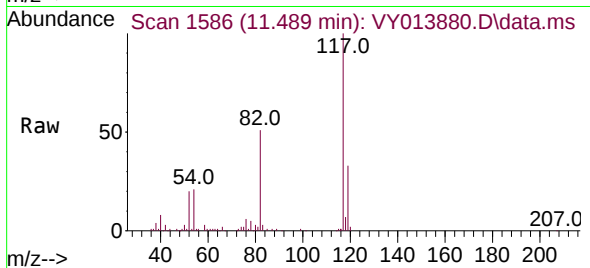
Instrument :

MSVOA_Y

ClientSampleId :

DUP01RE

Tgt Ion:117	Resp:	89316
Ion	Ratio	Lower Upper
117	100	
82	51.3	44.2 66.4
119	33.5	25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013880.D

Acq: 25 May 2023 17:57

Tgt Ion:152	Resp:	34600
Ion	Ratio	Lower Upper
152	100	
115	53.8	28.8 86.5
150	154.3	0.0 353.4

