

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013898.D
 Acq On : 26 May 2023 17:10
 Operator : KP/MD
 Sample : 02945-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17A

Quant Time: May 29 04:34:41 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)

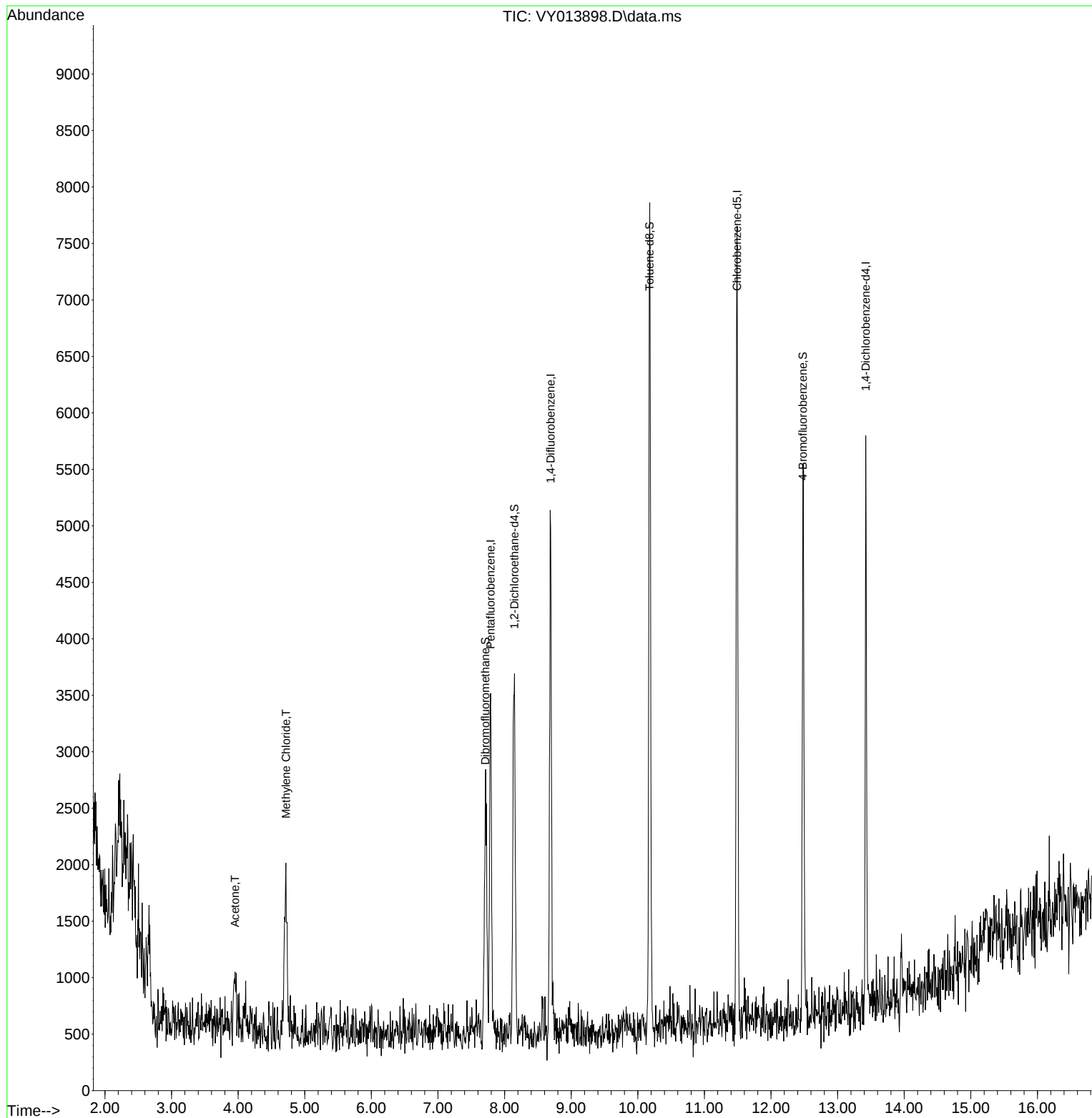
Internal Standards						
1) Pentafluorobenzene	7.789	168	2541	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3063	104.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 208.380%#	
35) Dibromofluoromethane	7.710	113	1817	67.503	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.000%	
50) Toluene-d8	10.179	98	5485	53.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.477	95	1416	41.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1090	124.929	ug/l	# 85
20) Methylene Chloride	4.716	84	923	28.757	ug/l	86

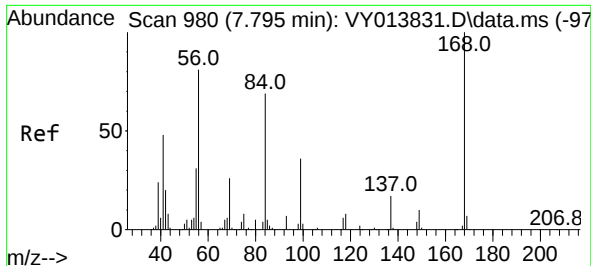
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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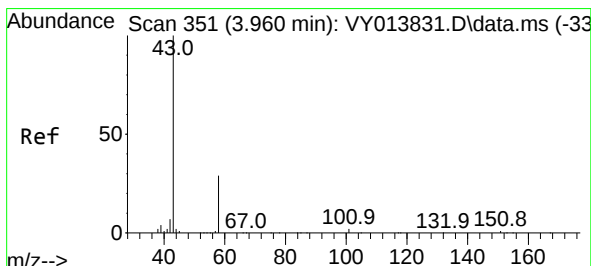
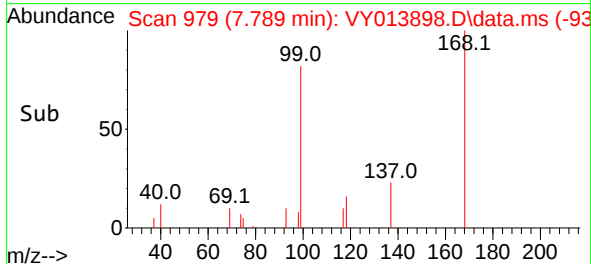
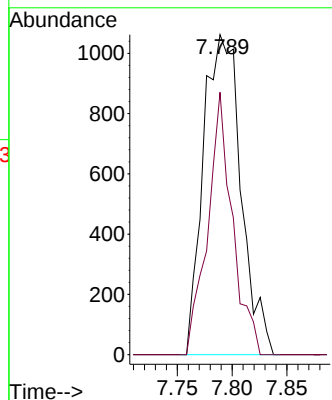
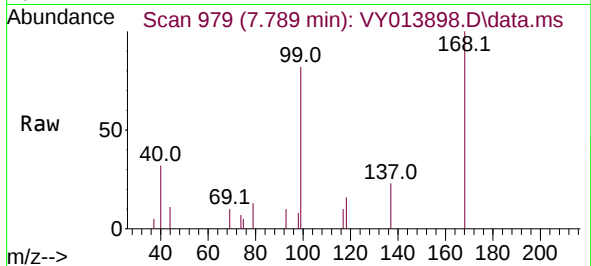




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

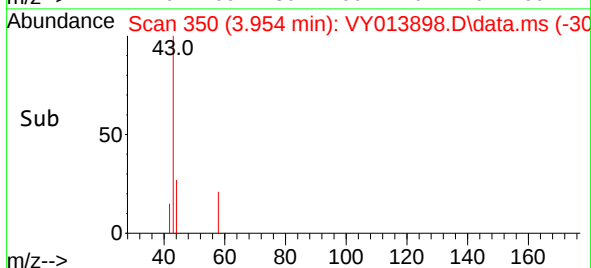
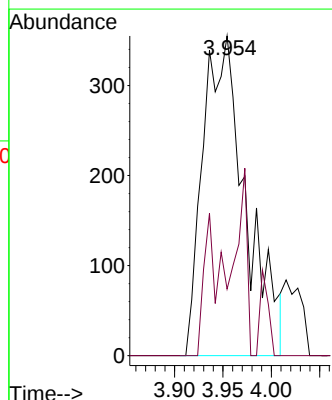
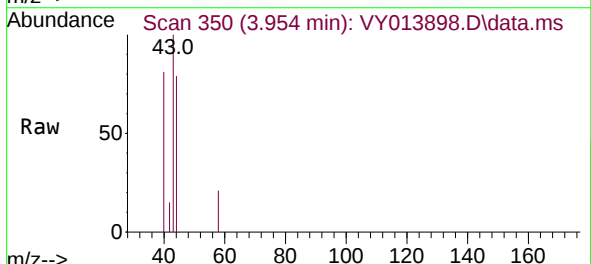
Instrument :
MSVOA_Y
ClientSampleId :
SB17A

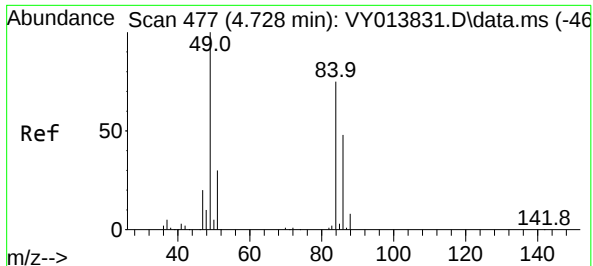
Tgt Ion:168 Resp: 2541
Ion Ratio Lower Upper
168 100
99 82.0 43.4 65.2#



#16
Acetone
Concen: 124.929 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 20.8 23.3 34.9#

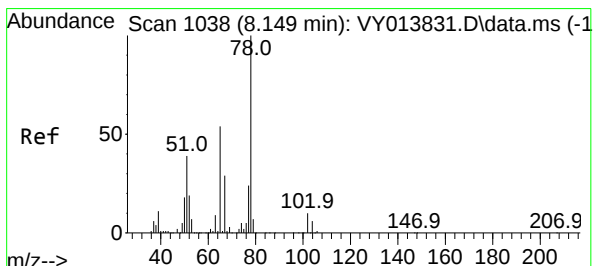
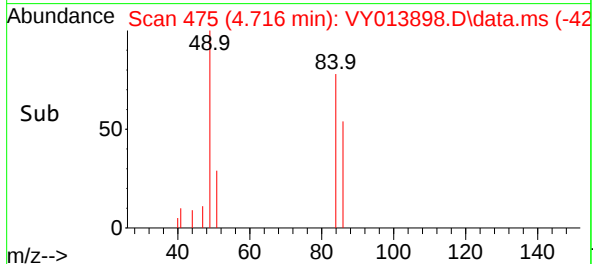
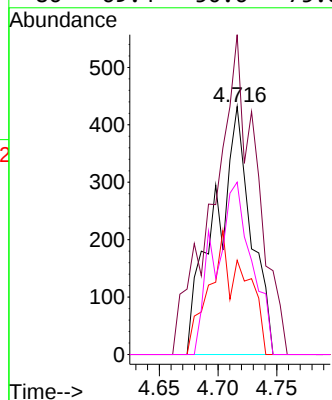
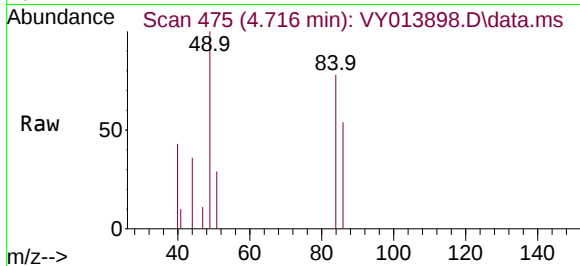




#20
Methylene Chloride
Concen: 28.757 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

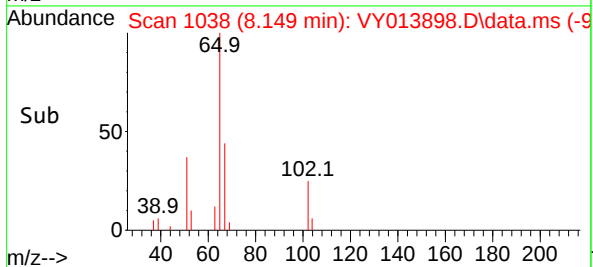
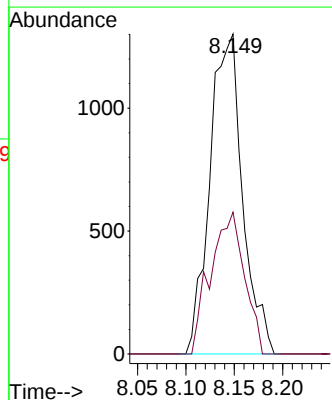
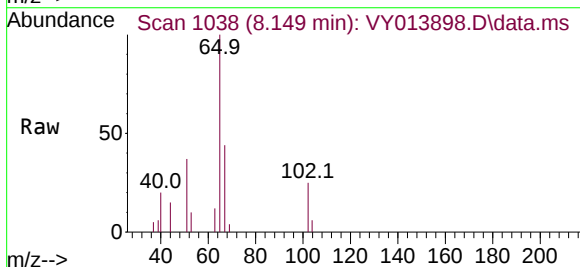
Instrument :
MSVOA_Y
ClientSampleId :
SB17A

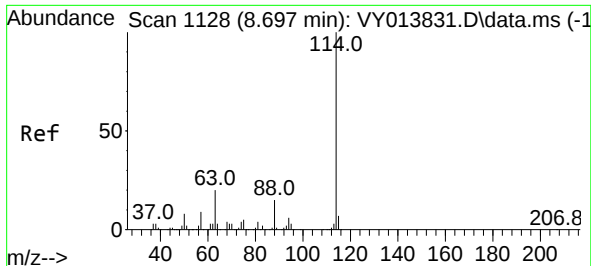
Tgt Ion:	84	Resp:	923
Ion	Ratio	Lower	Upper
84	100		
49	109.0	106.2	159.2
51	38.0	31.4	47.0
86	69.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 104.195 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

Tgt Ion:	65	Resp:	3063
Ion	Ratio	Lower	Upper
65	100		
67	46.0	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: VY013898.D

Acq: 26 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB17A

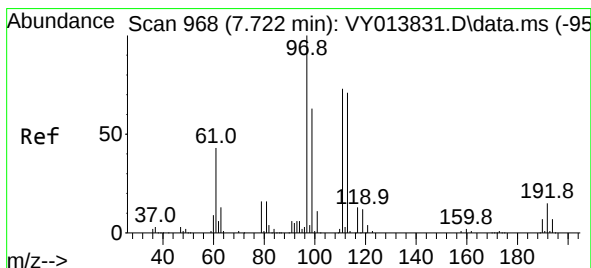
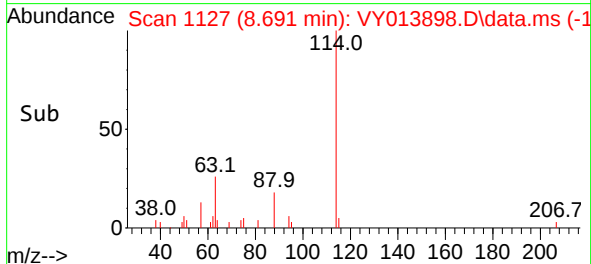
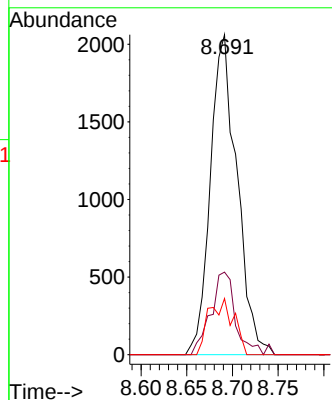
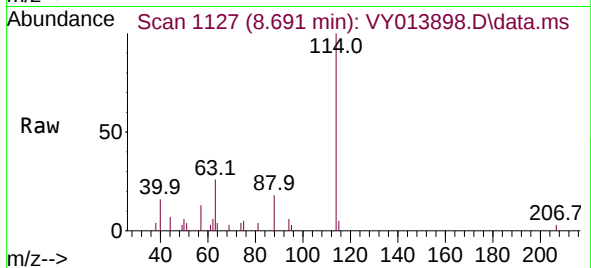
Tgt Ion:114 Resp: 4168

Ion Ratio Lower Upper

114 100

63 25.8 0.0 40.2

88 17.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 67.503 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY013898.D

Acq: 26 May 2023 17:10

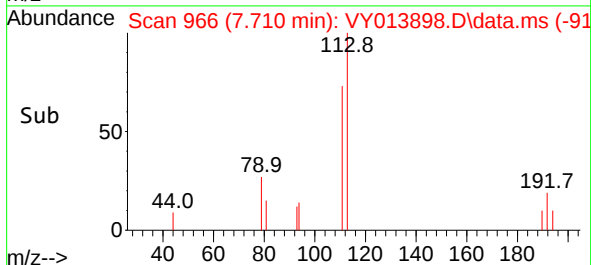
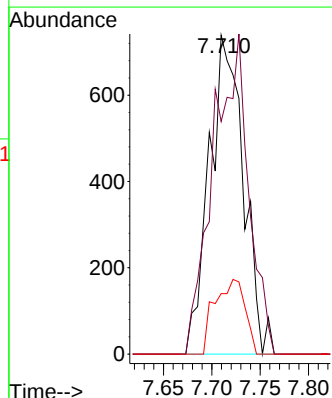
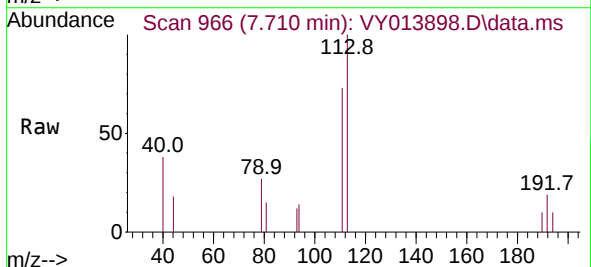
Tgt Ion:113 Resp: 1817

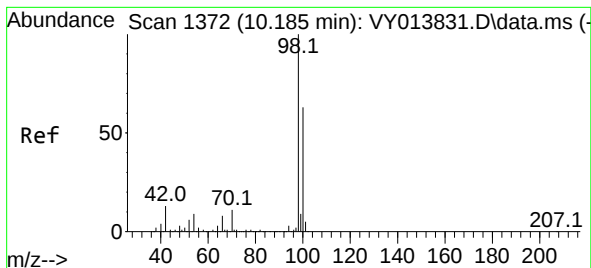
Ion Ratio Lower Upper

113 100

111 104.3 80.4 120.6

192 20.7 16.6 25.0

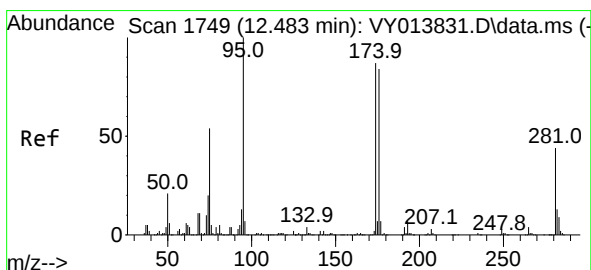
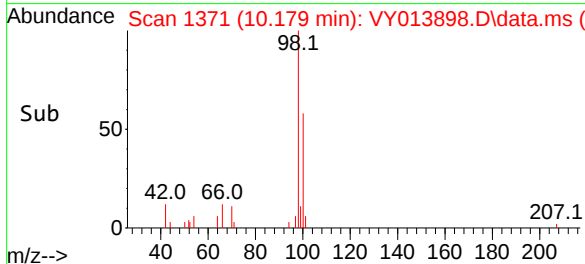
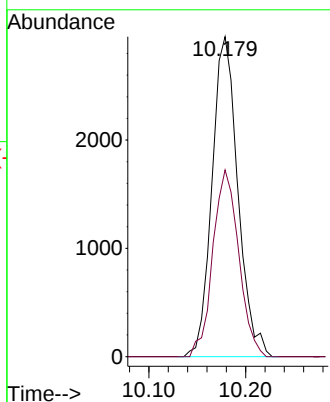
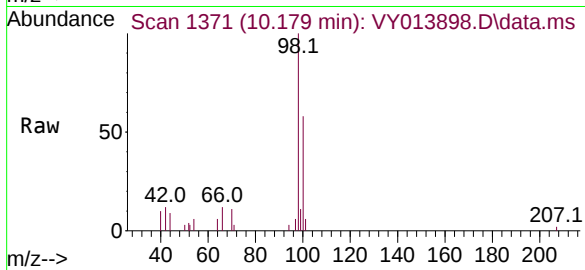




#50
Toluene-d8
Concen: 53.615 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

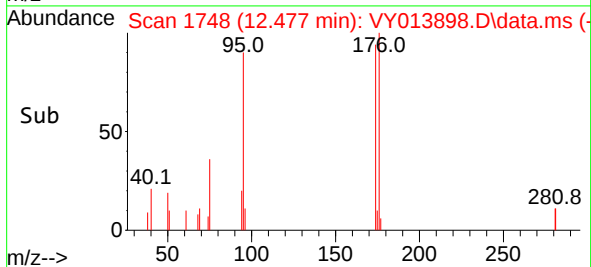
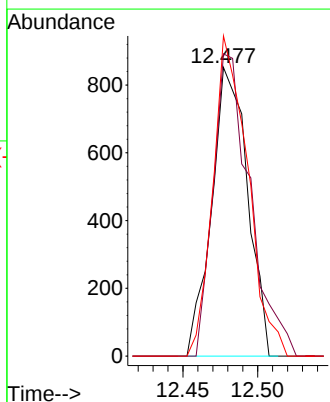
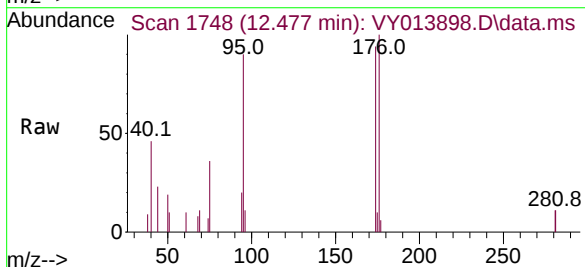
Instrument :
MSVOA_Y
ClientSampleId :
SB17A

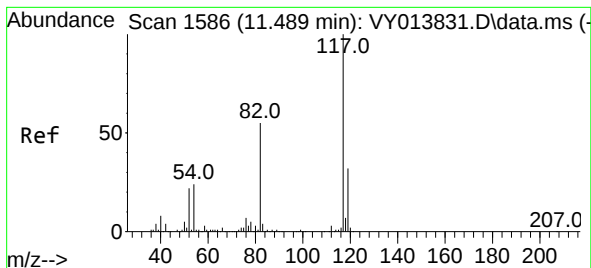
Tgt Ion: 98 Resp: 5485
Ion Ratio Lower Upper
98 100
100 58.4 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 41.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013898.D
Acq: 26 May 2023 17:10

Tgt Ion: 95 Resp: 1416
Ion Ratio Lower Upper
95 100
174 107.8 0.0 176.0
176 107.6 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: VY013898.D

Acq: 26 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB17A

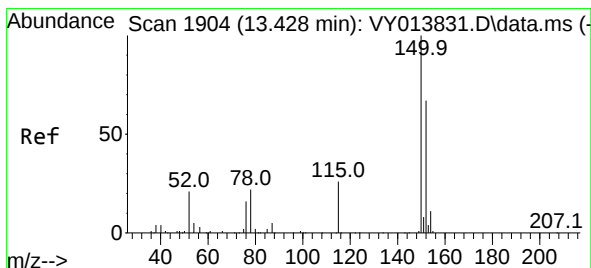
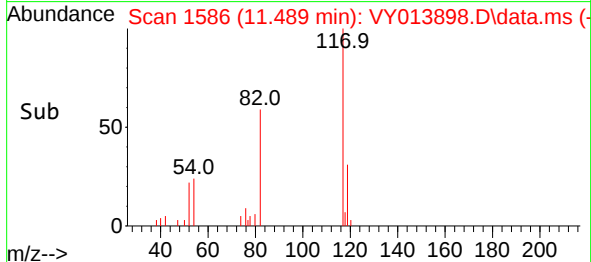
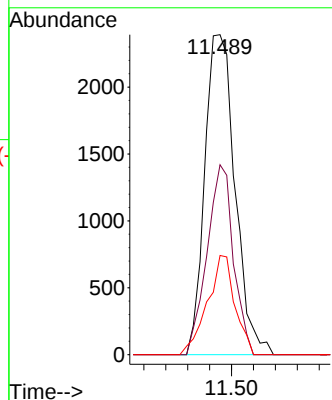
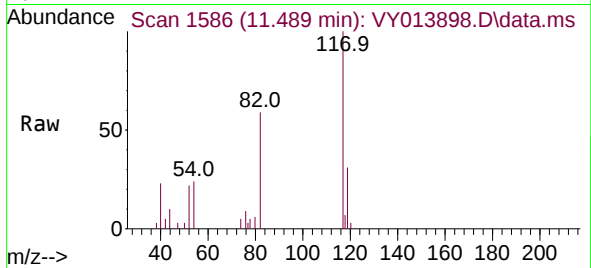
Tgt Ion:117 Resp: 4590

Ion Ratio Lower Upper

117 100

82 59.3 44.2 66.4

119 31.0 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: VY013898.D

Acq: 26 May 2023 17:10

Tgt Ion:152 Resp: 1396

Ion Ratio Lower Upper

152 100

115 49.2 28.8 86.5

150 146.7 0.0 353.4

