

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010585.D
 Acq On : 20 Sep 2022 19:07
 Operator : KP/MD
 Sample : N4697-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-6.5-7.0

Quant Time: Sep 21 01:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

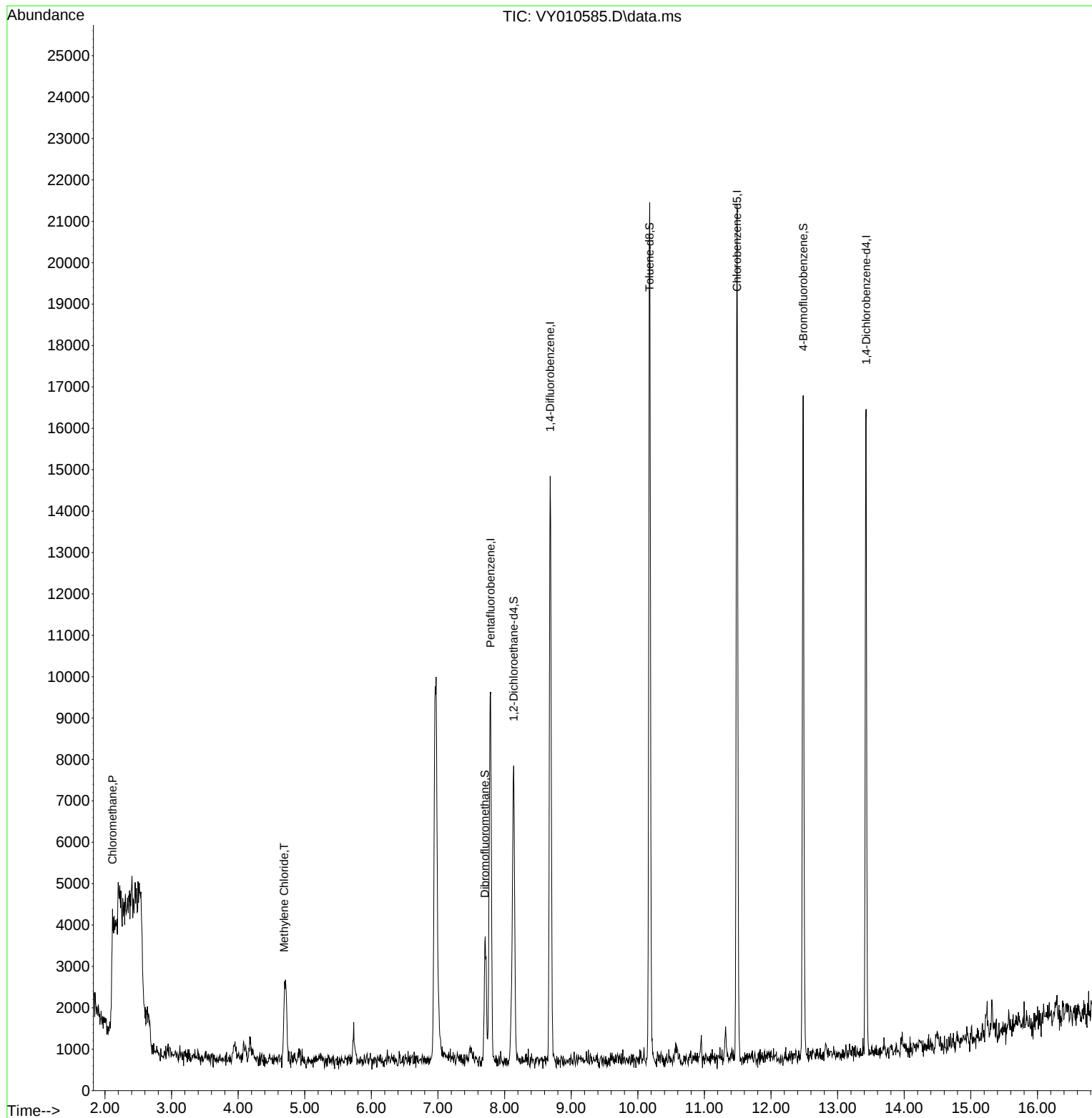
Internal Standards						
1) Pentafluorobenzene	7.789	168	7739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	13164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5188	70.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.180%
35) Dibromofluoromethane	7.703	113	2230	26.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.080%#
50) Toluene-d8	10.178	98	14616	47.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.483	95	4550	38.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.780%
Target Compounds						
3) Chloromethane	2.113	50	333	2.001	ug/l #	84
20) Methylene Chloride	4.692	84	1737	12.788	ug/l #	58

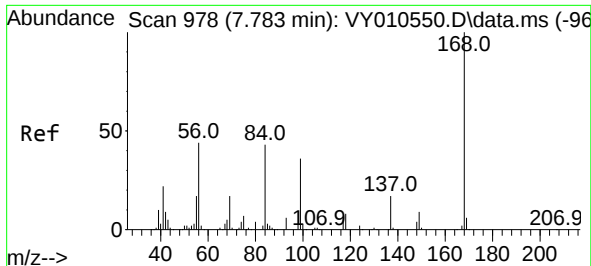
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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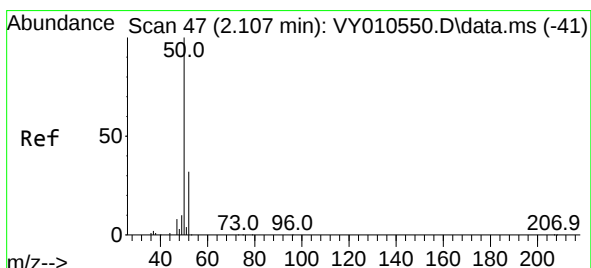
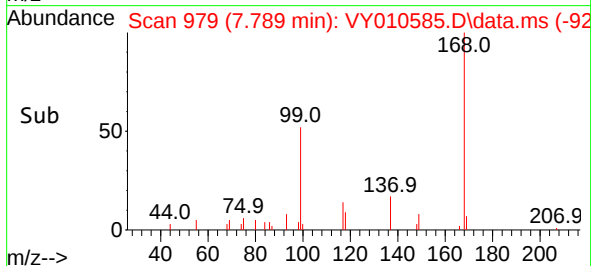
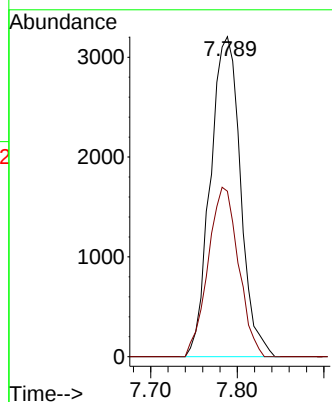
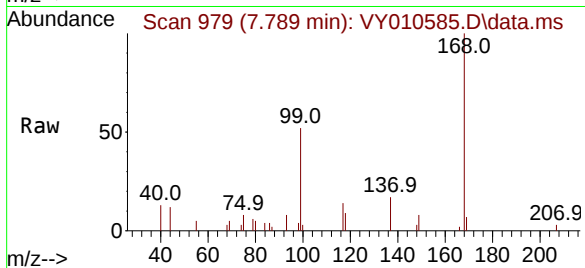




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

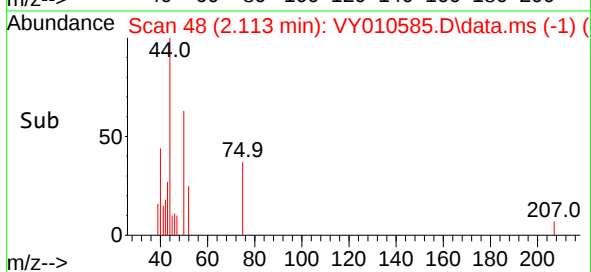
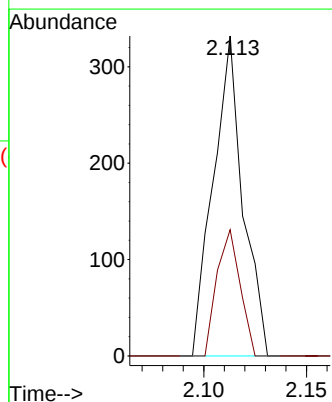
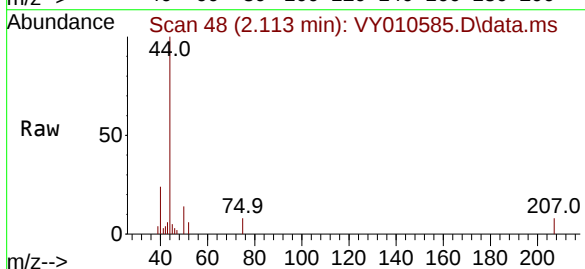
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

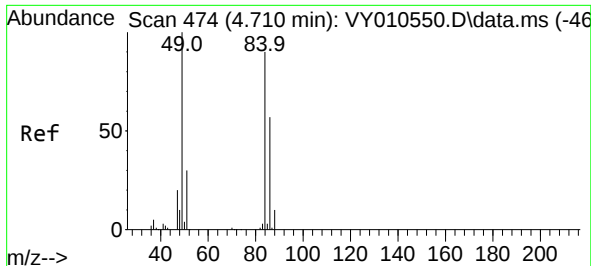
Tgt Ion:168 Resp: 7739
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#3
Chloromethane
Concen: 2.001 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 39.5 24.6 37.0#

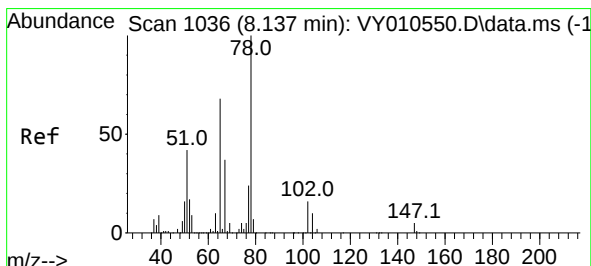
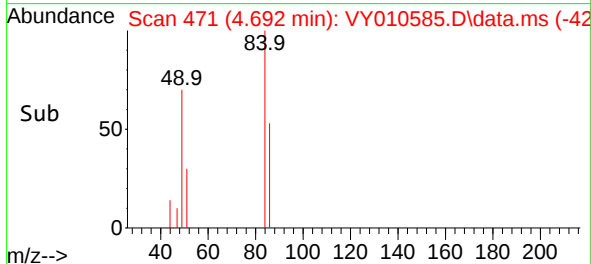
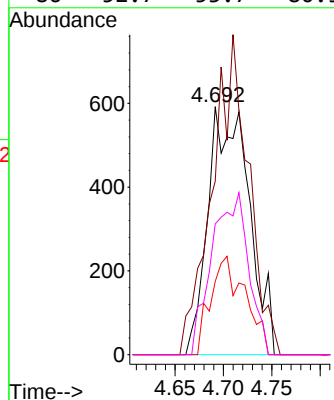
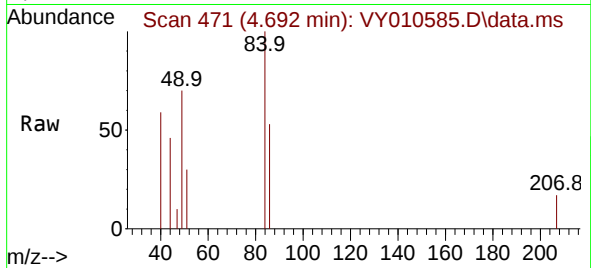




#20
Methylene Chloride
Concen: 12.788 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.018 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

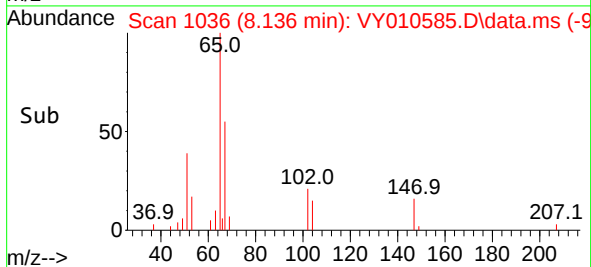
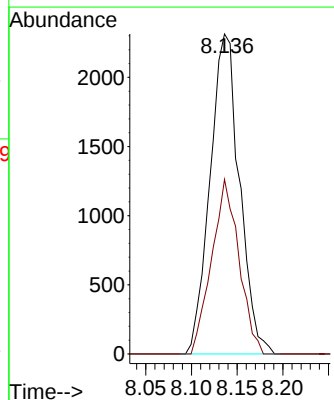
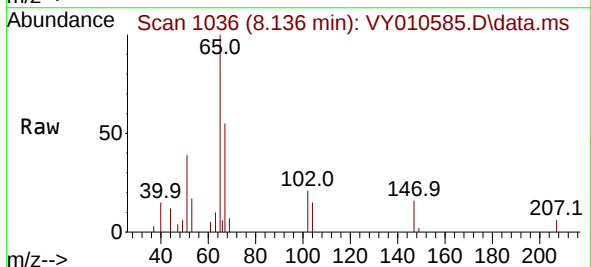
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

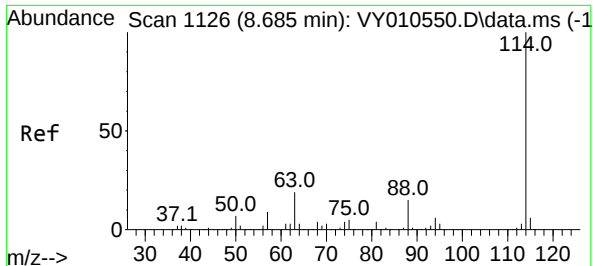
Tgt Ion: 84 Resp: 1737
Ion Ratio Lower Upper
84 100
49 69.9 114.4 171.6#
51 29.6 35.3 52.9#
86 52.7 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 70.088 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 65 Resp: 5188
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

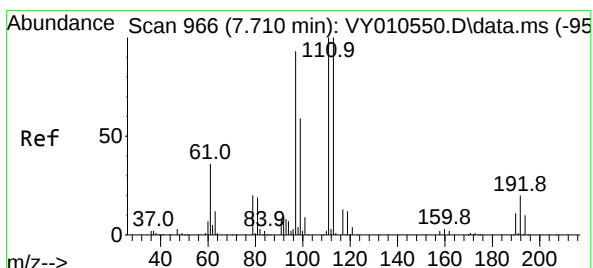
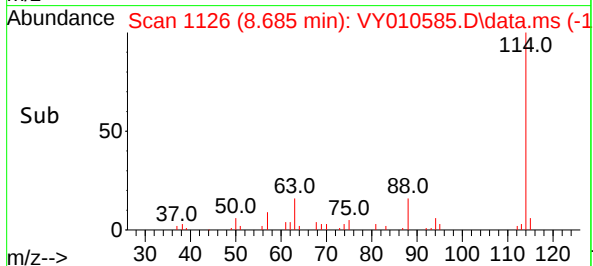
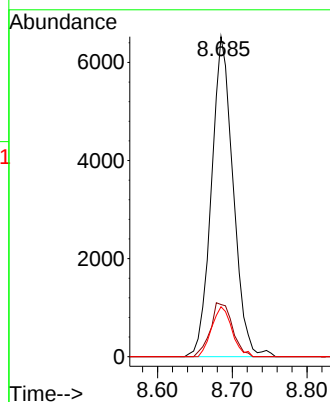
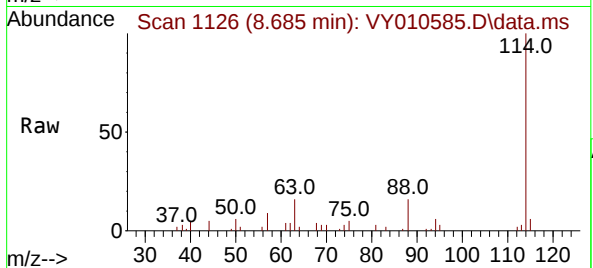
Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0

Tgt Ion:114	Resp:	13164
Ion	Ratio	Lower Upper
114	100	
63	16.3	0.0 43.2
88	15.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 26.544 ug/l

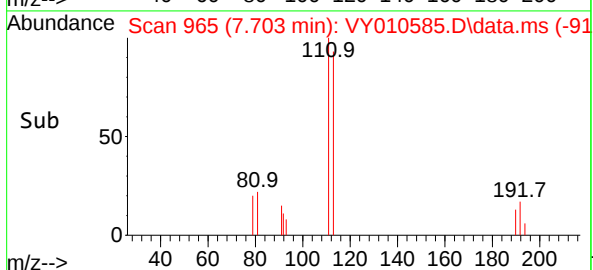
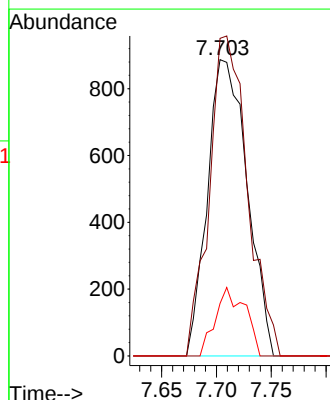
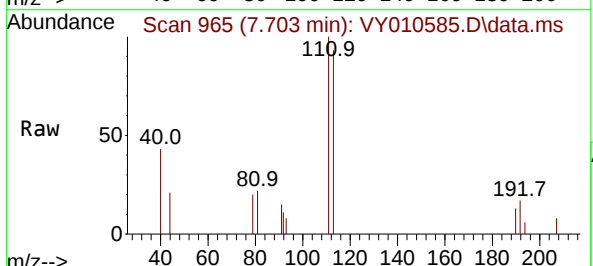
RT: 7.703 min Scan# 965

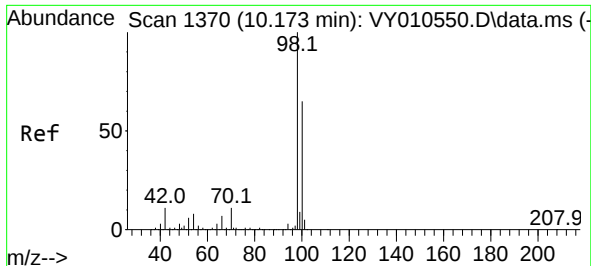
Delta R.T. -0.007 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Tgt Ion:113	Resp:	2230
Ion	Ratio	Lower Upper
113	100	
111	104.1	82.6 124.0
192	17.2	17.6 26.4

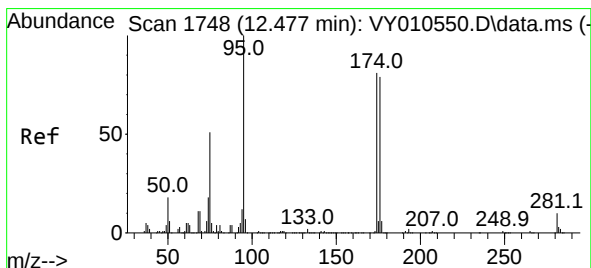
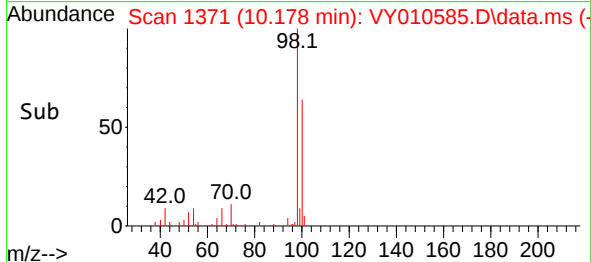
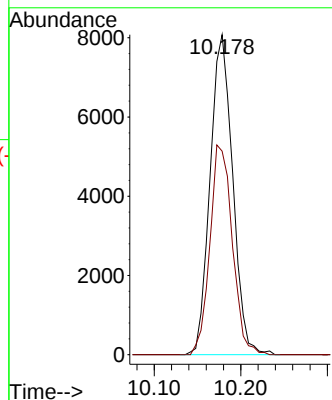
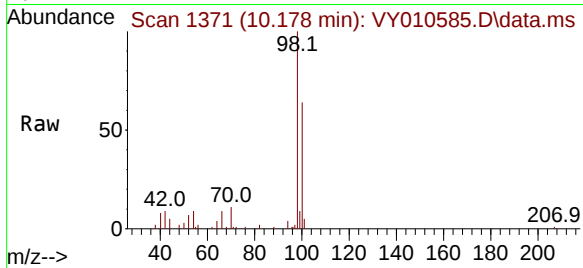




#50
Toluene-d8
Concen: 47.256 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

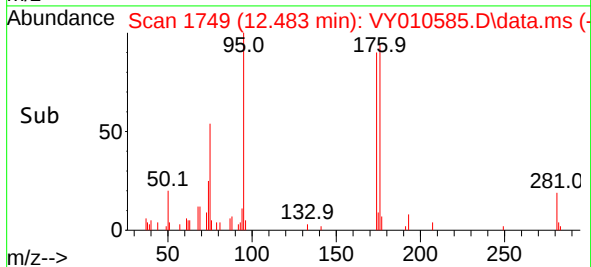
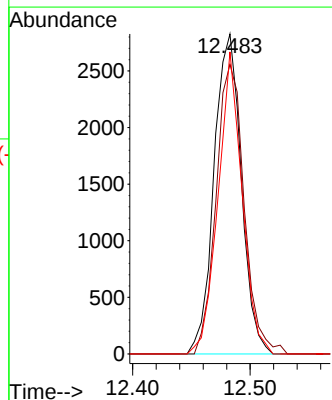
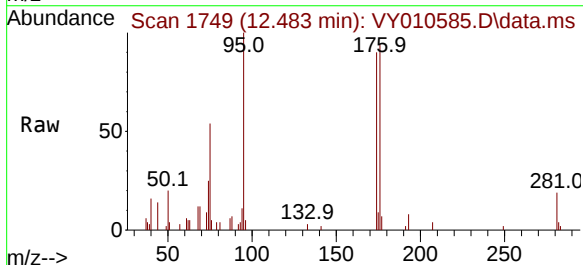
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

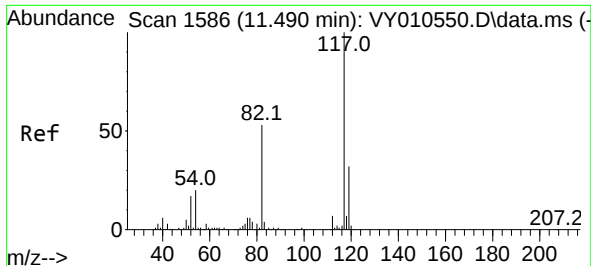
Tgt Ion: 98 Resp: 14616
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.885 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 95 Resp: 4550
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 83.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0

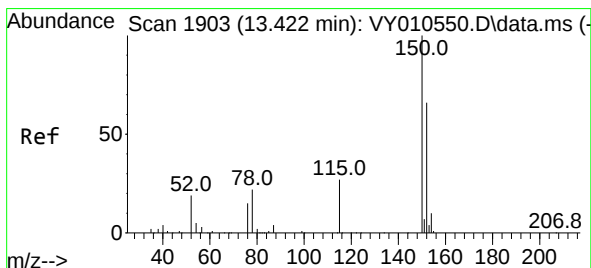
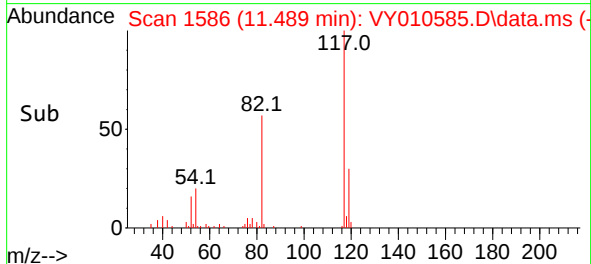
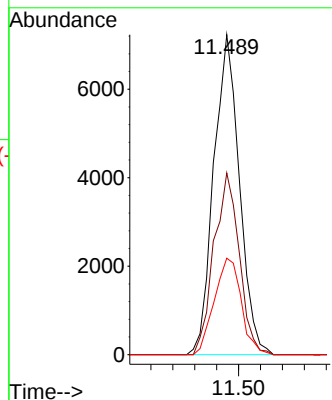
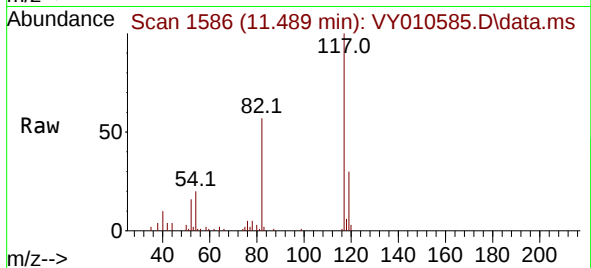
Tgt Ion:117 Resp: 11752

Ion Ratio Lower Upper

117 100

82 56.8 43.0 64.4

119 30.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Tgt Ion:152 Resp: 4297

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.5 0.0 347.6

