

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010581.D
 Acq On : 20 Sep 2022 17:34
 Operator : KP/MD
 Sample : N4697-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31-6.5-7.0

Quant Time: Sep 21 01:21:38 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)

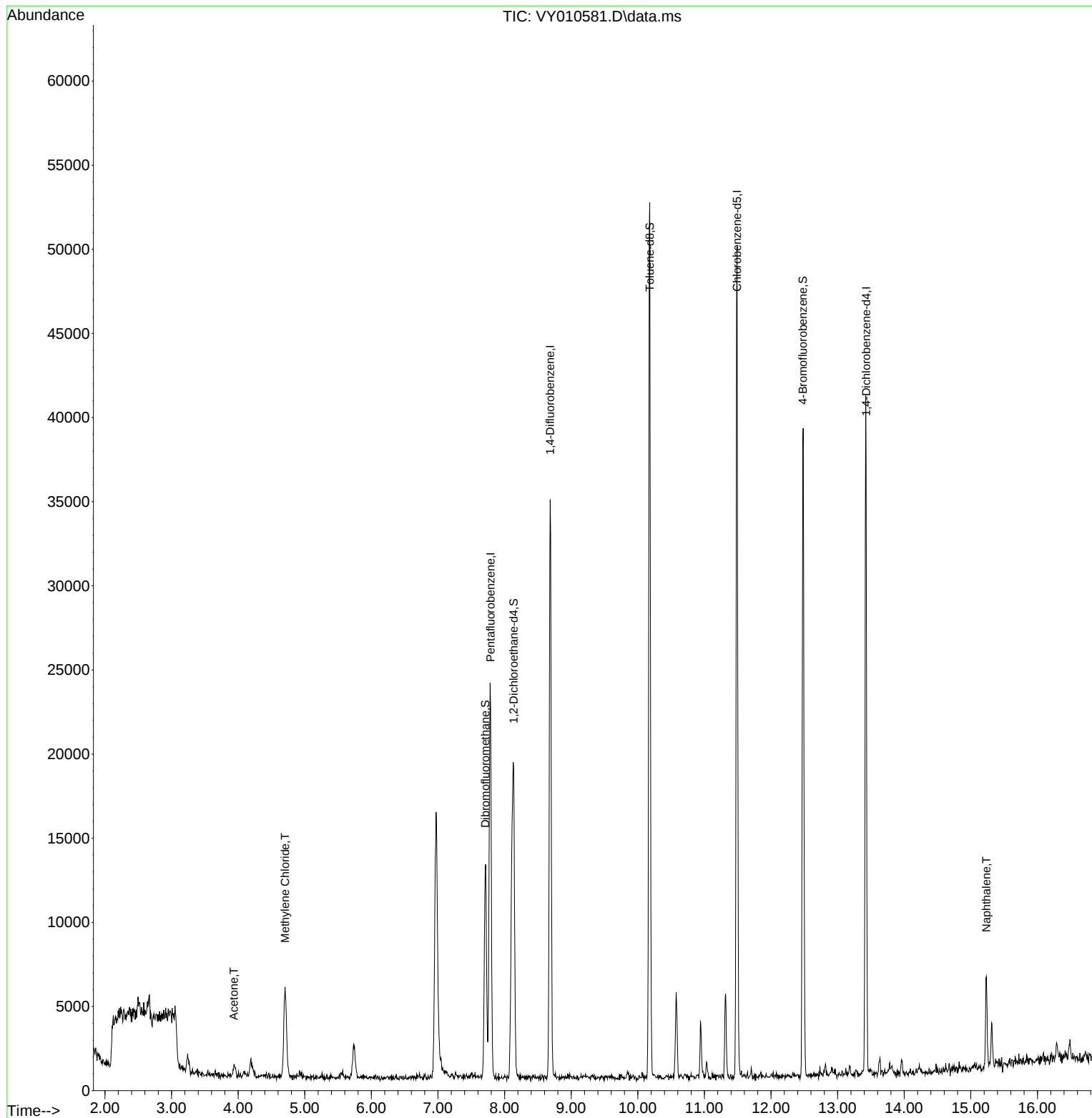
Internal Standards						
1) Pentafluorobenzene	7.789	168	18506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10851	61.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.600%
35) Dibromofluoromethane	7.710	113	9235	46.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.060%
50) Toluene-d8	10.179	98	35659	48.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.477	95	10365	37.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.800%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1041	28.840	ug/l	90
20) Methylene Chloride	4.704	84	4033	11.965	ug/l #	76
95) Naphthalene	15.233	128	4988	14.066	ug/l	99

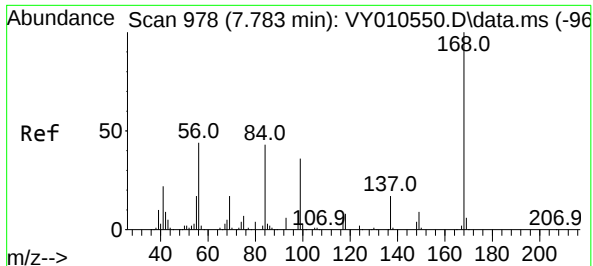
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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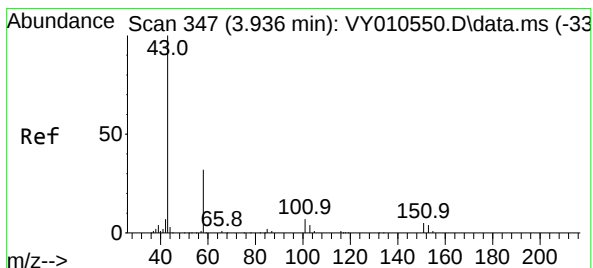
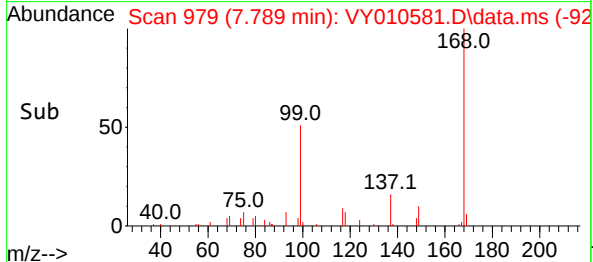
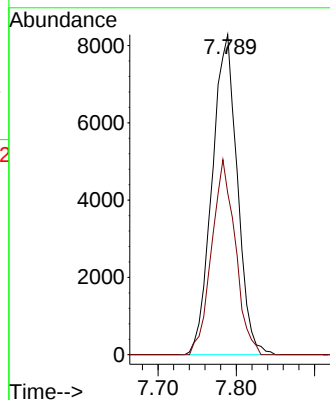
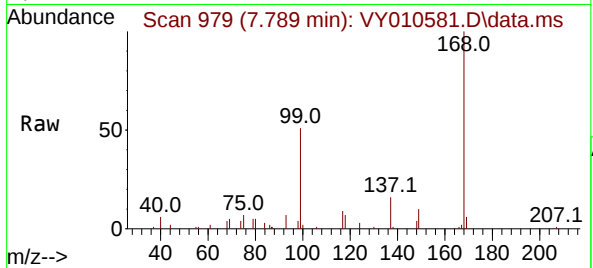




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

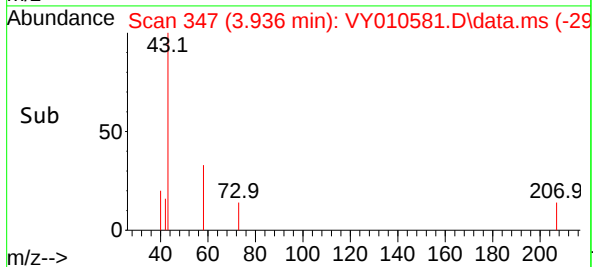
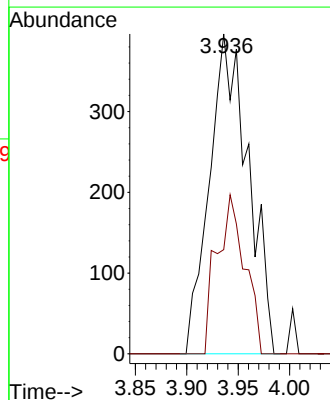
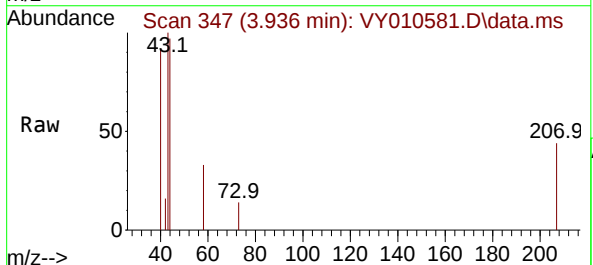
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-6.5-7.0

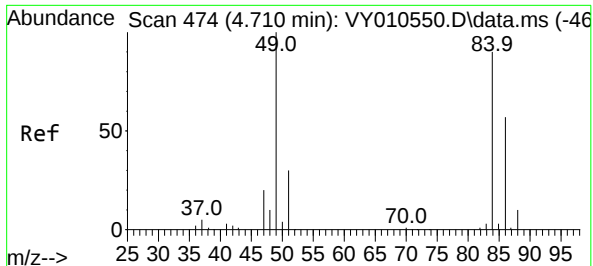
Tgt Ion:168 Resp: 18506
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#16
Acetone
Concen: 28.840 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0

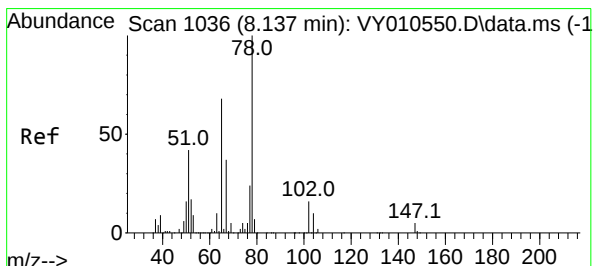
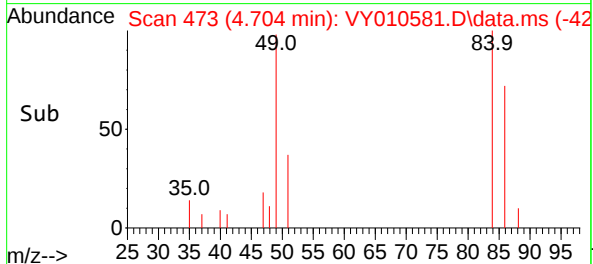
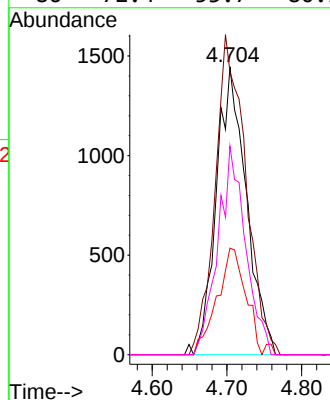
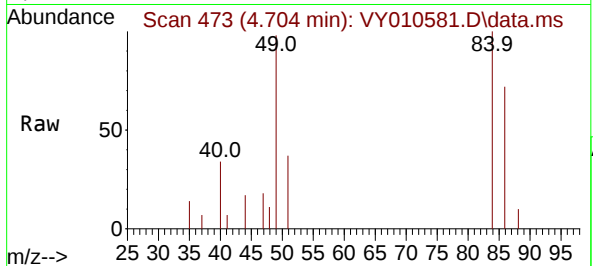




#20
Methylene Chloride
Concen: 11.965 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

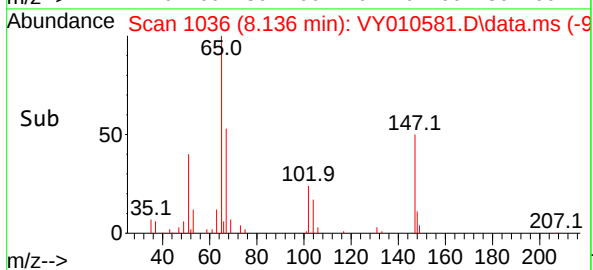
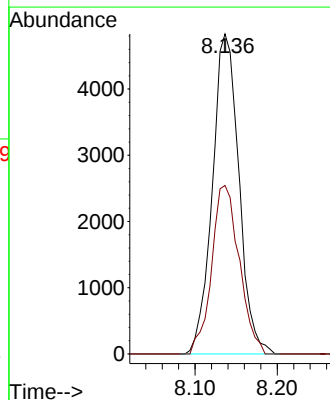
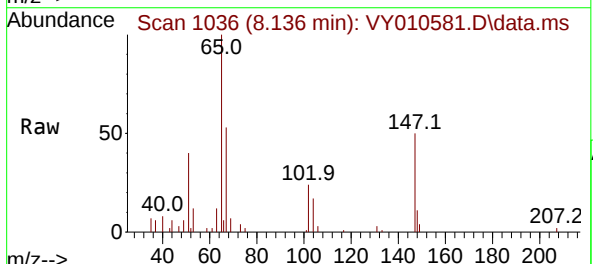
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-6.5-7.0

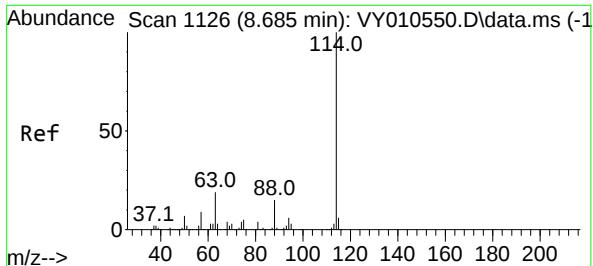
Tgt Ion:	84	Resp:	4033
Ion	Ratio	Lower	Upper
84	100		
49	98.3	114.4	171.6#
51	37.0	35.3	52.9
86	72.4	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 61.303 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

Tgt Ion:	65	Resp:	10851
Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VY010581.D

Acq: 20 Sep 2022 17:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-31-6.5-7.0

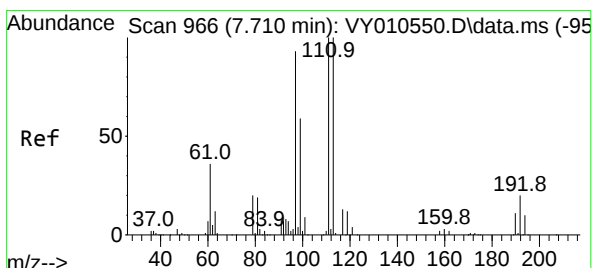
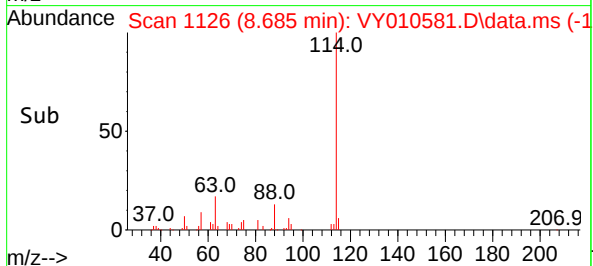
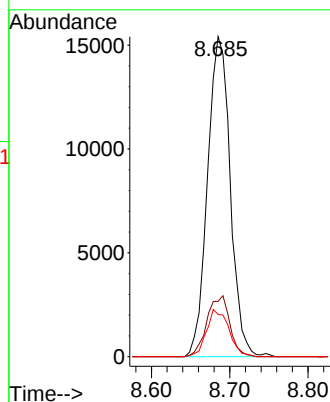
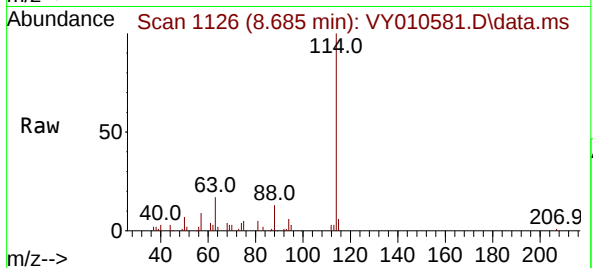
Tgt Ion:114 Resp: 31097

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.533 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010581.D

Acq: 20 Sep 2022 17:34

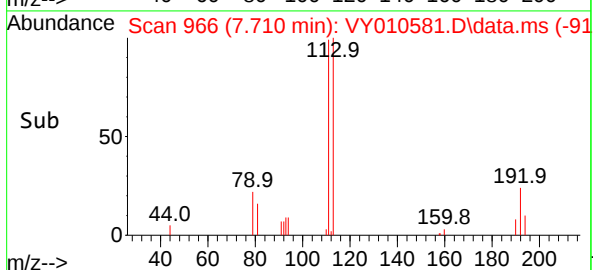
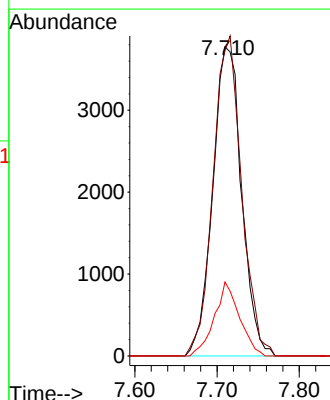
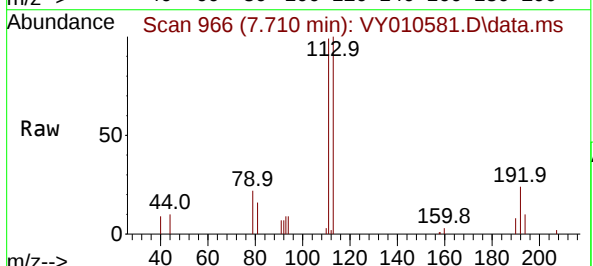
Tgt Ion:113 Resp: 9235

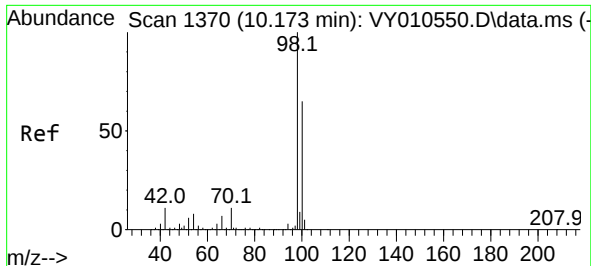
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 20.8 17.6 26.4

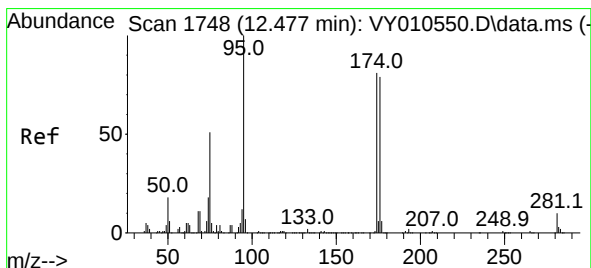
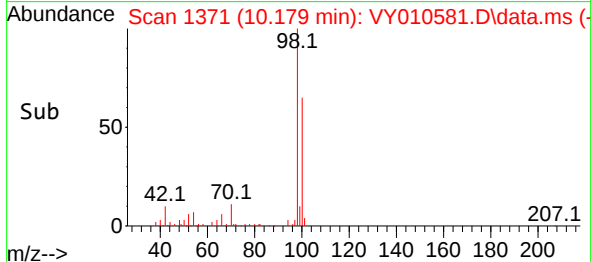
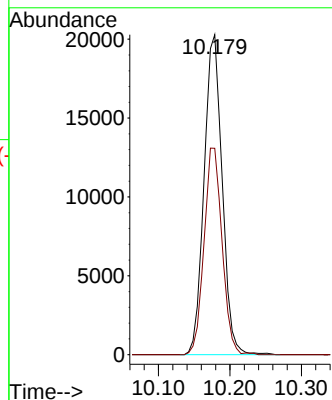
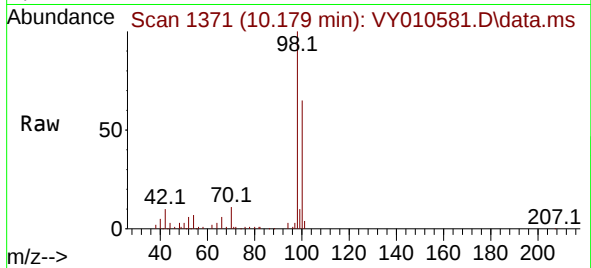




#50
Toluene-d8
Concen: 48.703 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

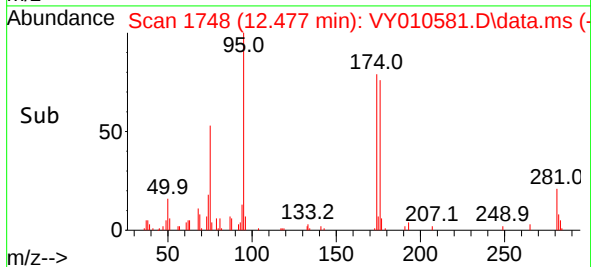
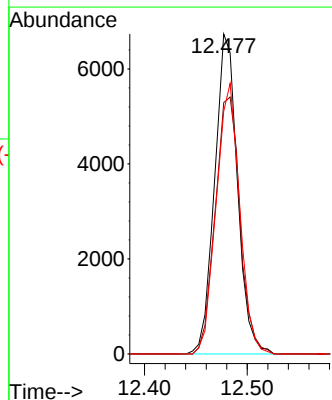
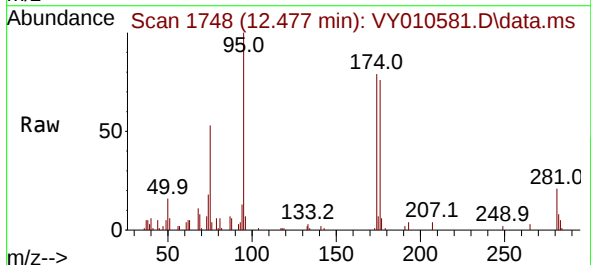
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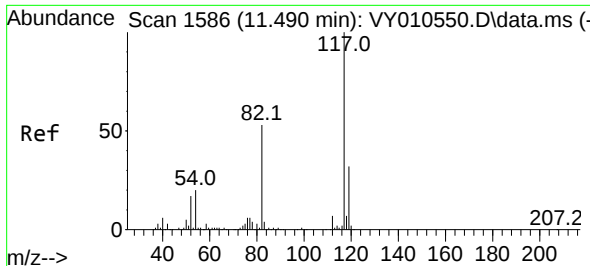
Tgt Ion: 98 Resp: 35659
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.396 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

Tgt Ion: 95 Resp: 10365
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 86.9 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: VY010581.D

Acq: 20 Sep 2022 17:34

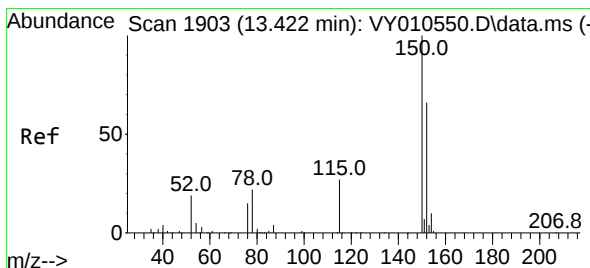
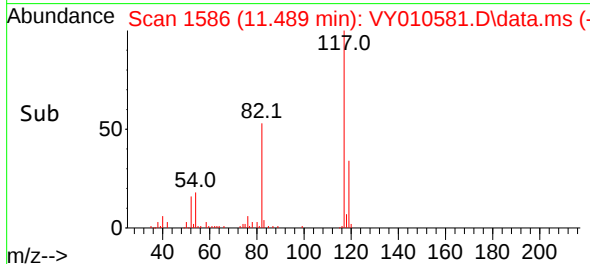
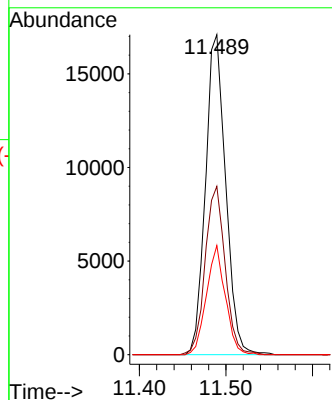
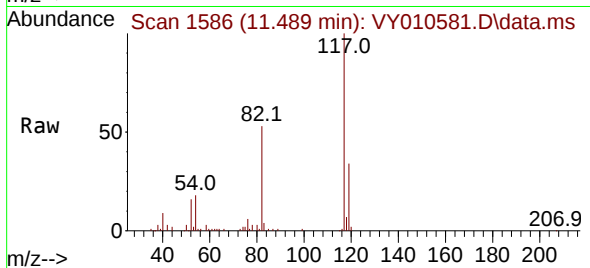
Instrument :

MSVOA_Y

ClientSampleId :

SB-31-6.5-7.0

Tgt Ion:117	Resp:	27666
Ion	Ratio	Lower Upper
117	100	
82	52.6	43.0 64.4
119	34.1	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

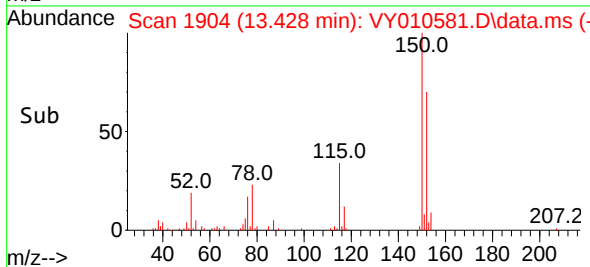
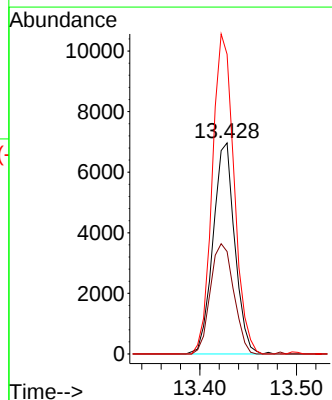
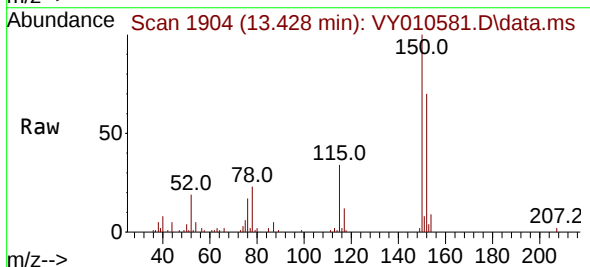
RT: 13.428 min Scan# 1904

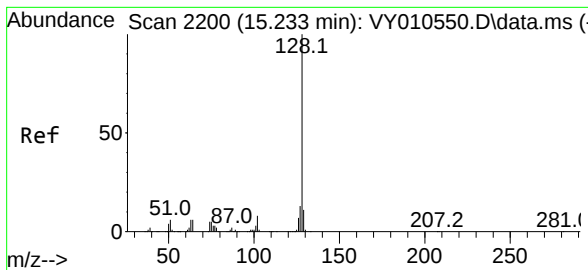
Delta R.T. 0.006 min

Lab File: VY010581.D

Acq: 20 Sep 2022 17:34

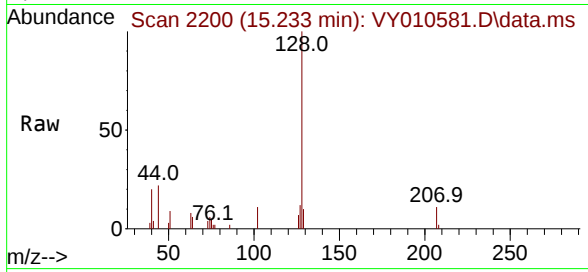
Tgt Ion:152	Resp:	10851
Ion	Ratio	Lower Upper
152	100	
115	56.3	28.2 84.7
150	151.9	0.0 347.6





#95
Naphthalene
Concen: 14.066 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010581.D
Acq: 20 Sep 2022 17:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-31-6.5-7.0



Tgt Ion:	128	Resp:	4988
Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.2	8.4	12.6

