

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015220.D
 Acq On : 21 Aug 2023 15:07
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP17B

Quant Time: Aug 22 01:55:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

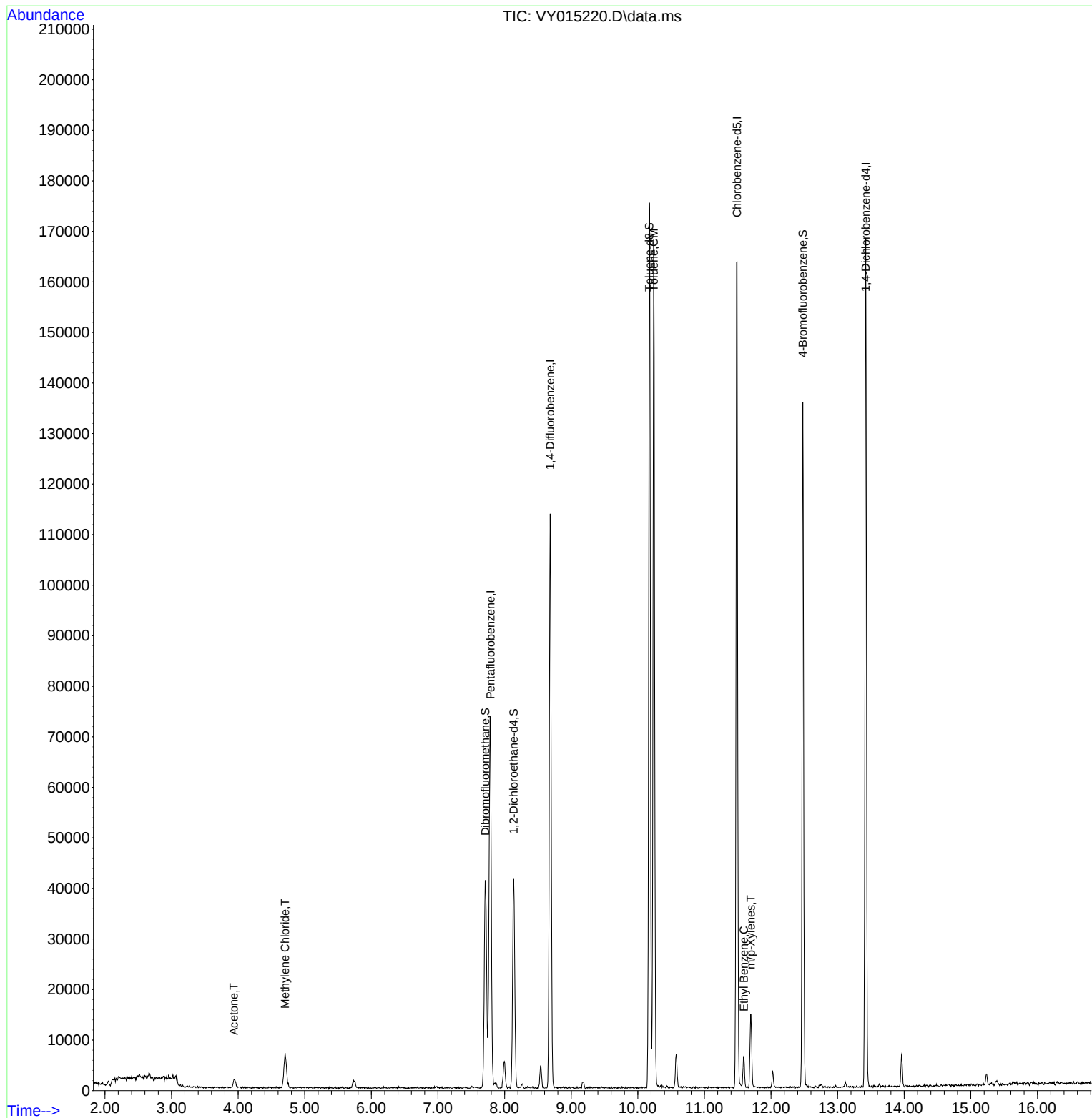
Internal Standards						
1) Pentafluorobenzene	7.789	168	55431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	91658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33726	50.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.710	113	29984	48.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.380%			
50) Toluene-d8	10.173	98	116357	50.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.460%			
62) 4-Bromofluorobenzene	12.477	95	40229	47.551	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.100%			
Target Compounds						
16) Acetone	3.936	43	3307	15.213	ug/l #	88
20) Methylene Chloride	4.704	84	4919	5.602	ug/l #	80
52) Toluene	10.240	92	67819	49.439	ug/l	95
67) Ethyl Benzene	11.593	91	4579	1.565	ug/l	97
68) m/p-Xylenes	11.697	106	4400	3.959	ug/l	97

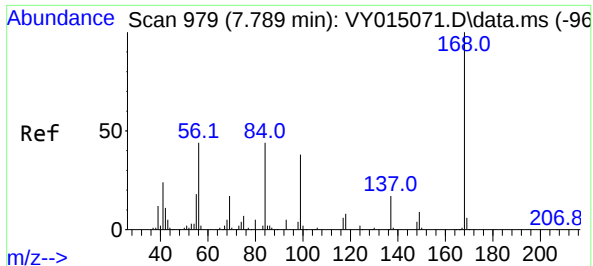
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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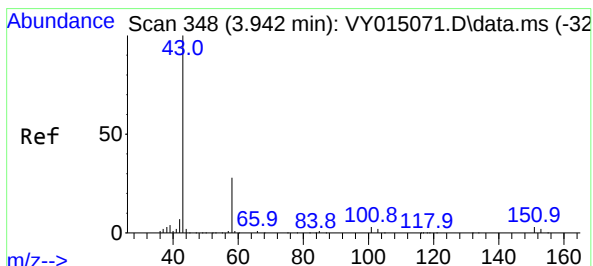
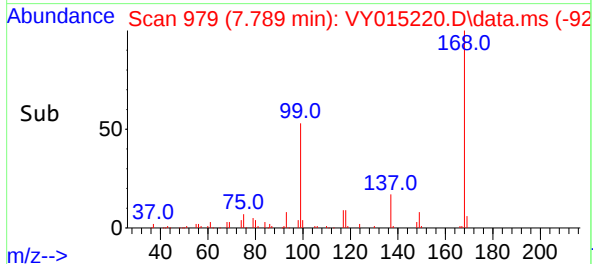
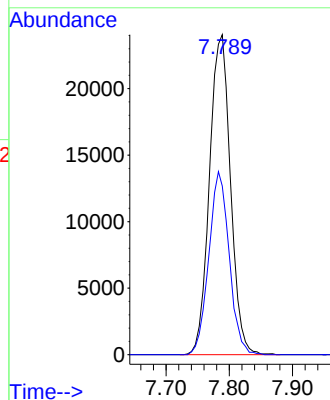
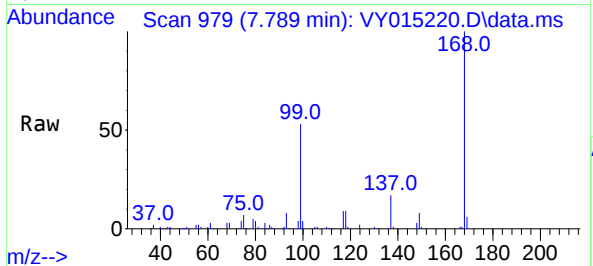




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

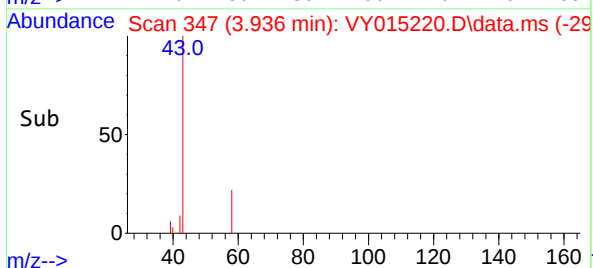
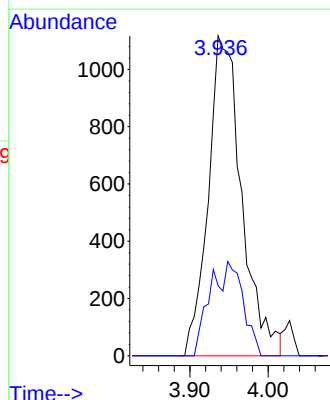
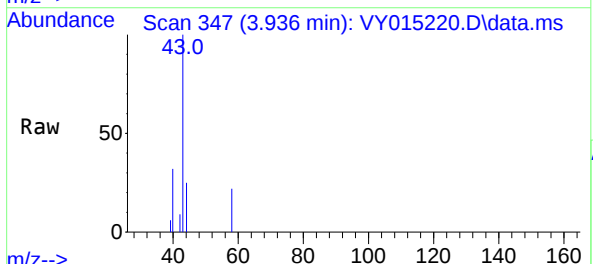
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

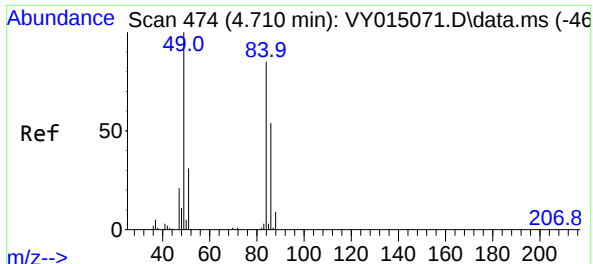
Tgt Ion:168 Resp: 55431
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#16
Acetone
Concen: 15.213 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
58 21.9 22.7 34.1#



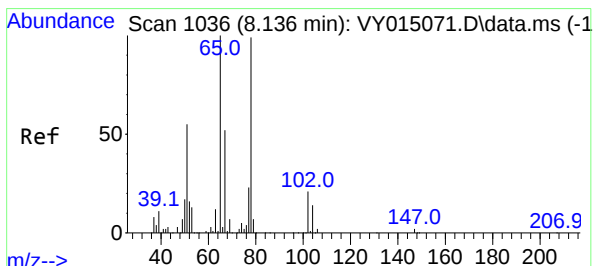
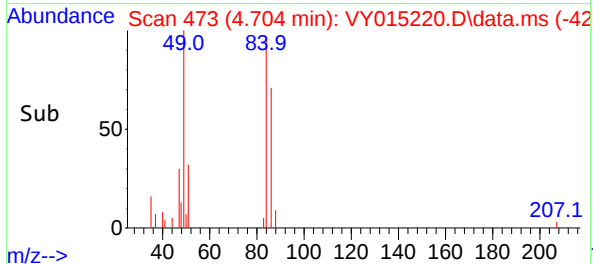
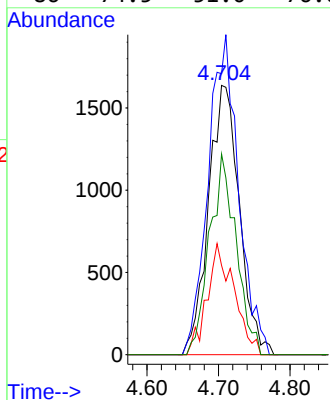
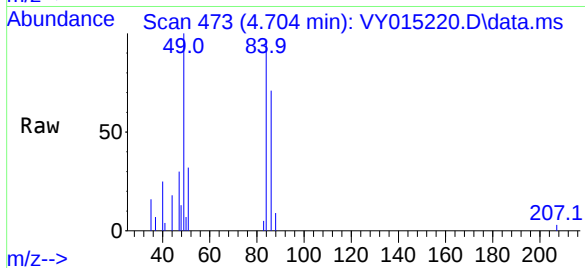


#20
Methylene Chloride
Concen: 5.602 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

Tgt Ion: 84 Resp: 4919

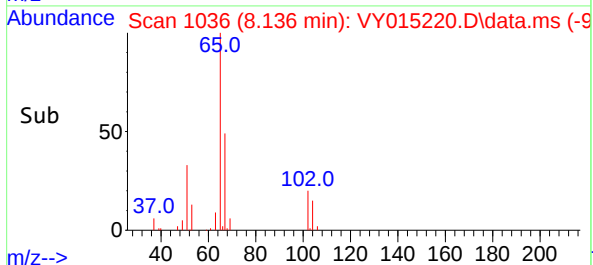
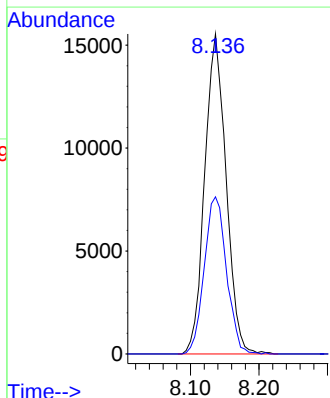
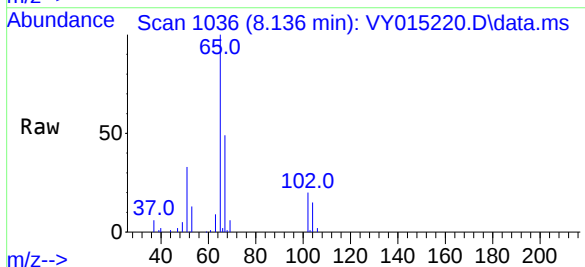
Ion	Ratio	Lower	Upper
84	100		
49	104.3	106.9	160.3#
51	33.2	33.2	49.8#
86	74.5	51.0	76.6

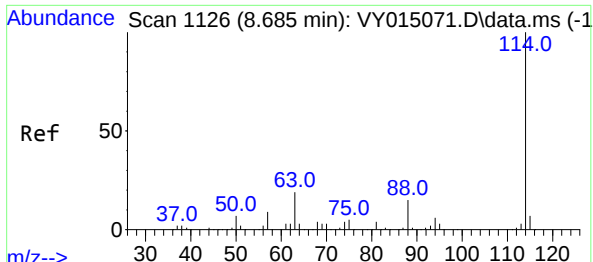


#33
1,2-Dichloroethane-d4
Concen: 50.686 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 65 Resp: 33726

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.8

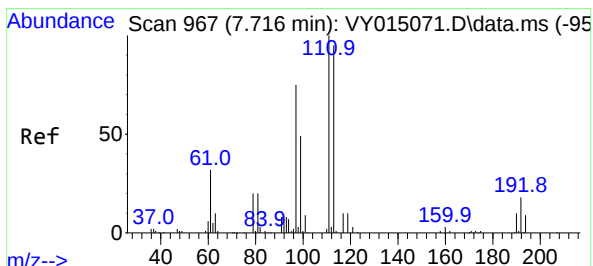
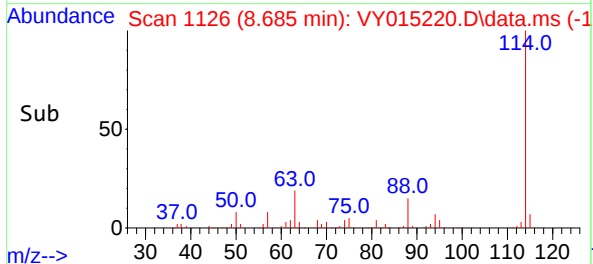
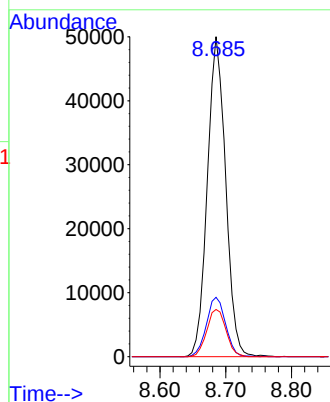
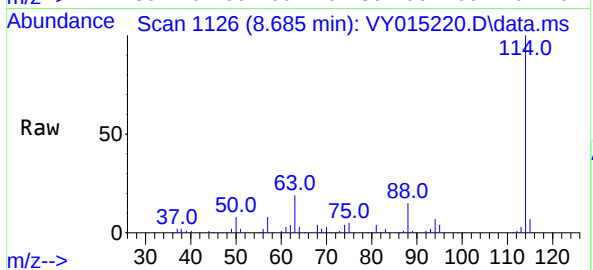




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

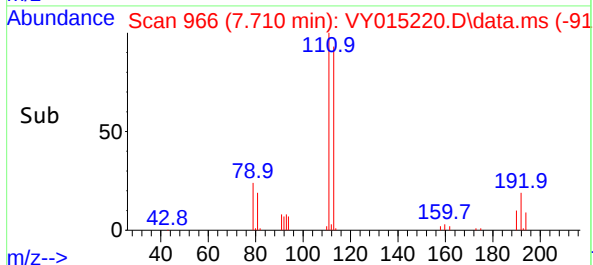
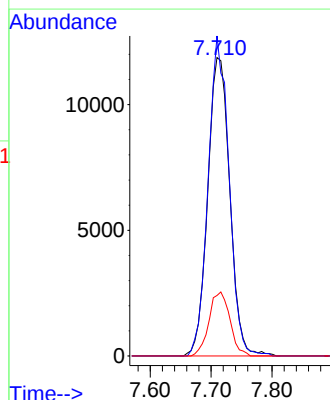
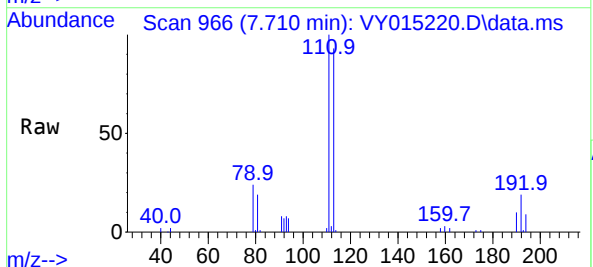
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

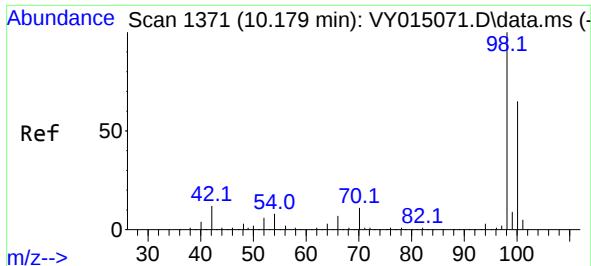
Tgt Ion:114	Resp:	96719
Ion Ratio	Lower	Upper
114	100	
63	18.6	0.0 42.4
88	14.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion:113	Resp:	29984
Ion Ratio	Lower	Upper
113	100	
111	101.2	81.3 121.9
192	20.3	16.9 25.3

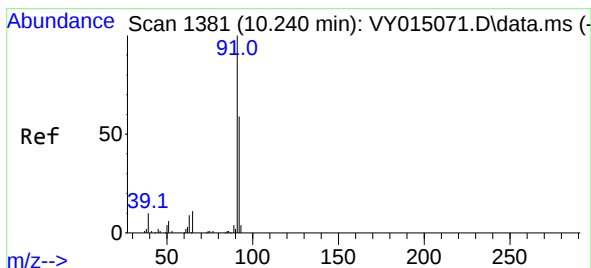
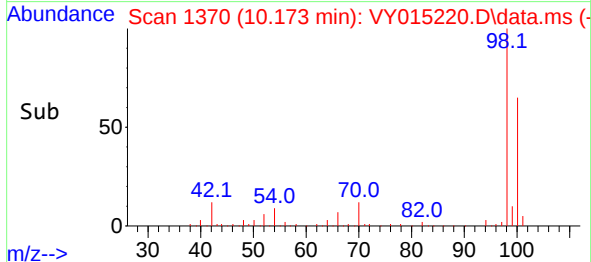
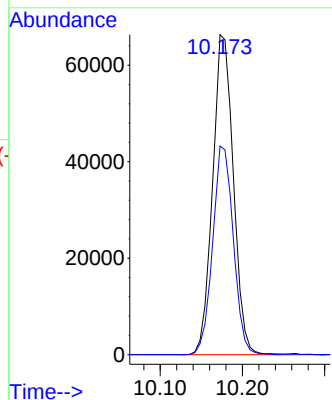
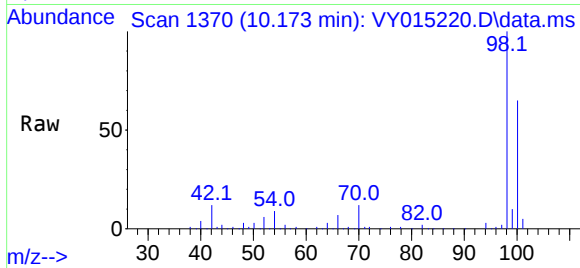




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

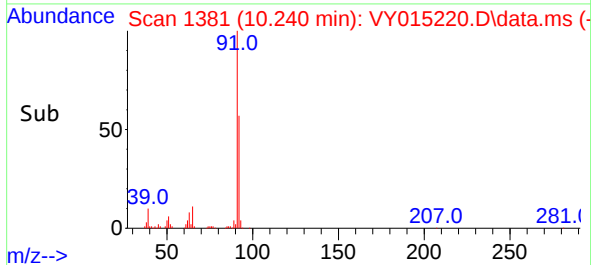
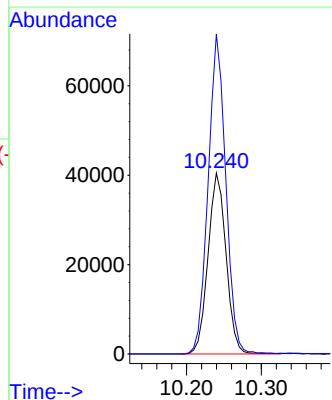
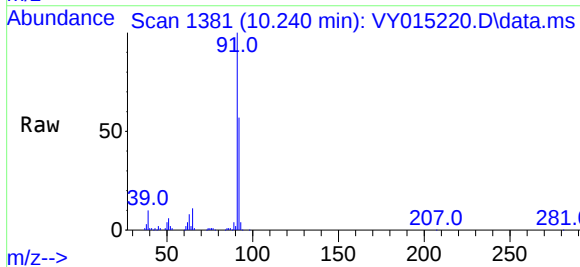
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

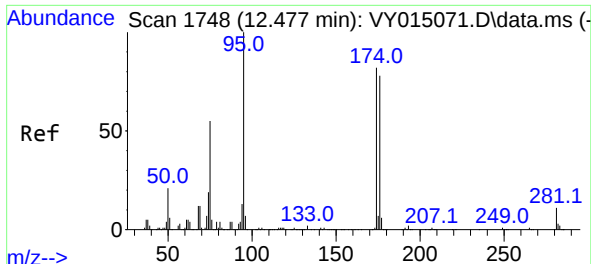
Tgt Ion: 98 Resp: 116357
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#52
Toluene
Concen: 49.439 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 92 Resp: 67819
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

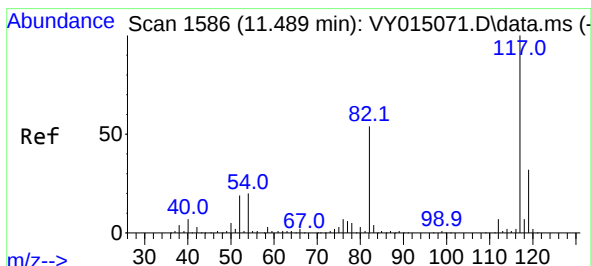
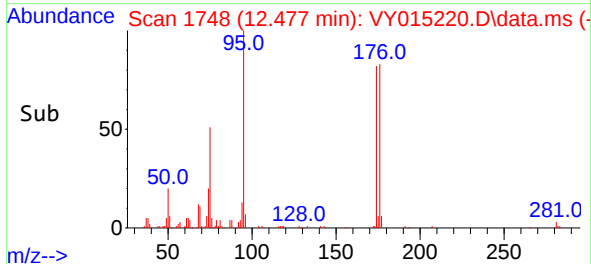
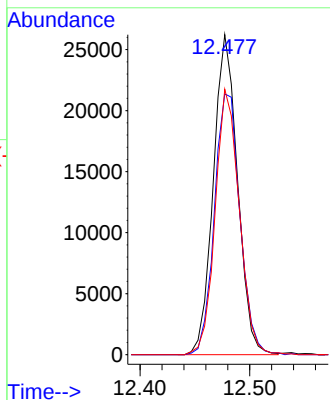
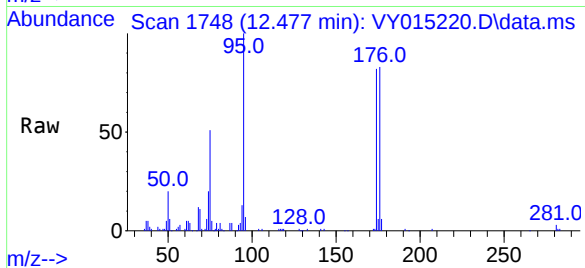




#62
4-Bromofluorobenzene
Concen: 47.551 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

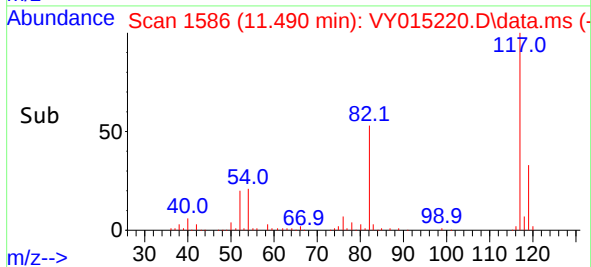
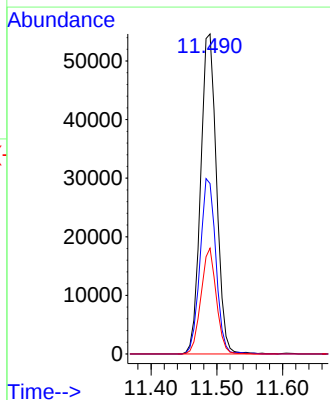
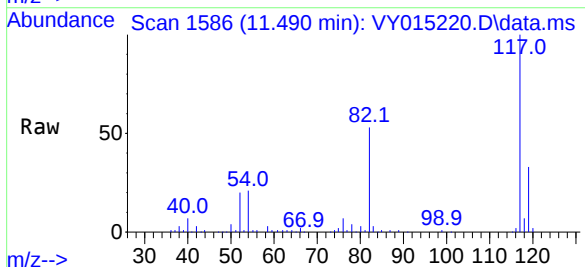
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

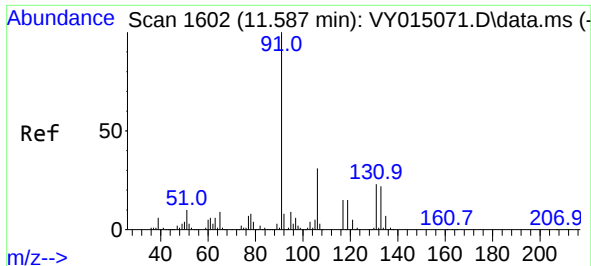
Tgt Ion: 95 Resp: 40229
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 117 Resp: 91658
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 33.0 26.3 39.5





#67

Ethyl Benzene

Concen: 1.565 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

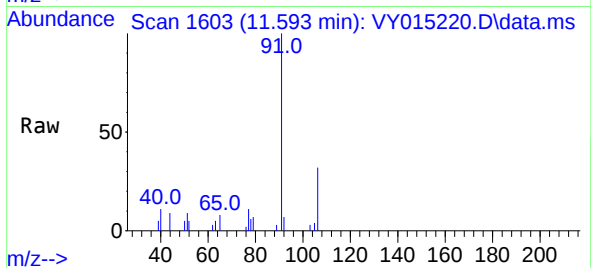
B-PP17B

Tgt Ion: 91 Resp: 4579

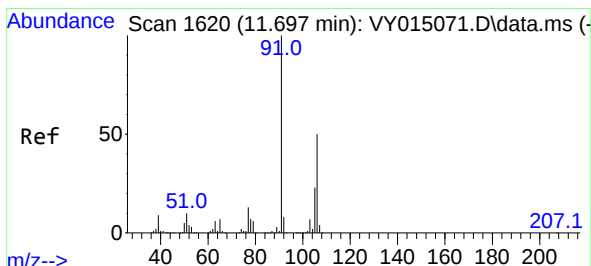
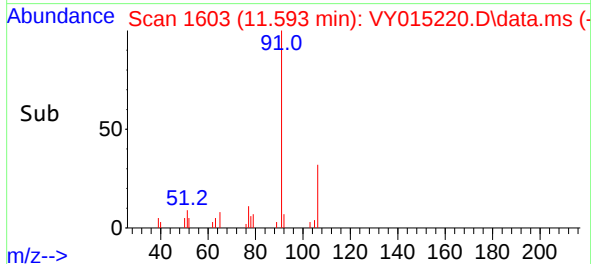
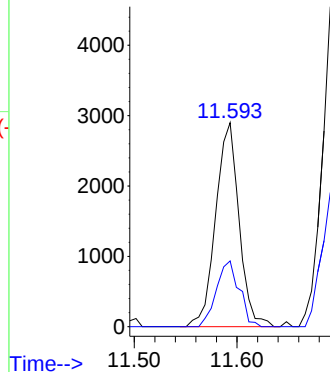
Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 3.959 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY015220.D

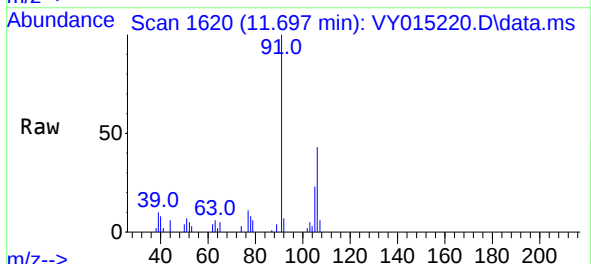
Acq: 21 Aug 2023 15:07

Tgt Ion:106 Resp: 4400

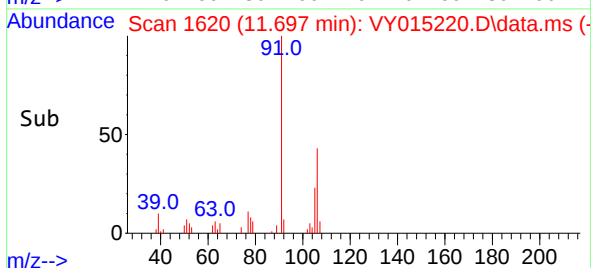
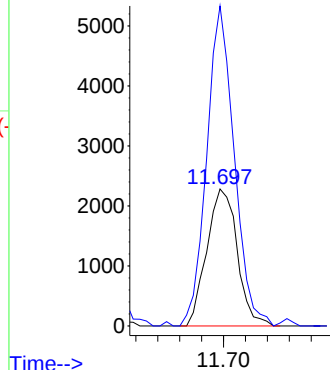
Ion Ratio Lower Upper

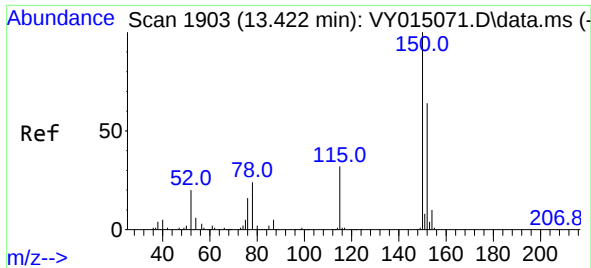
106 100

91 211.6 166.1 249.1



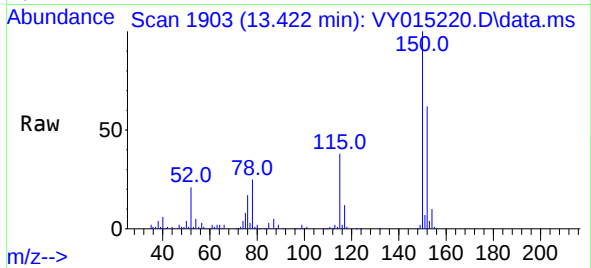
Abundance





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015220.D
 Acq: 21 Aug 2023 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP17B



Tgt Ion:	152	Resp:	42427
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.8	86.5
150	158.1	0.0	348.8

