

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015225.D
 Acq On : 21 Aug 2023 18:08
 Operator : SY/MD
 Sample : 04086-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13A

Quant Time: Aug 22 01:57:10 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)

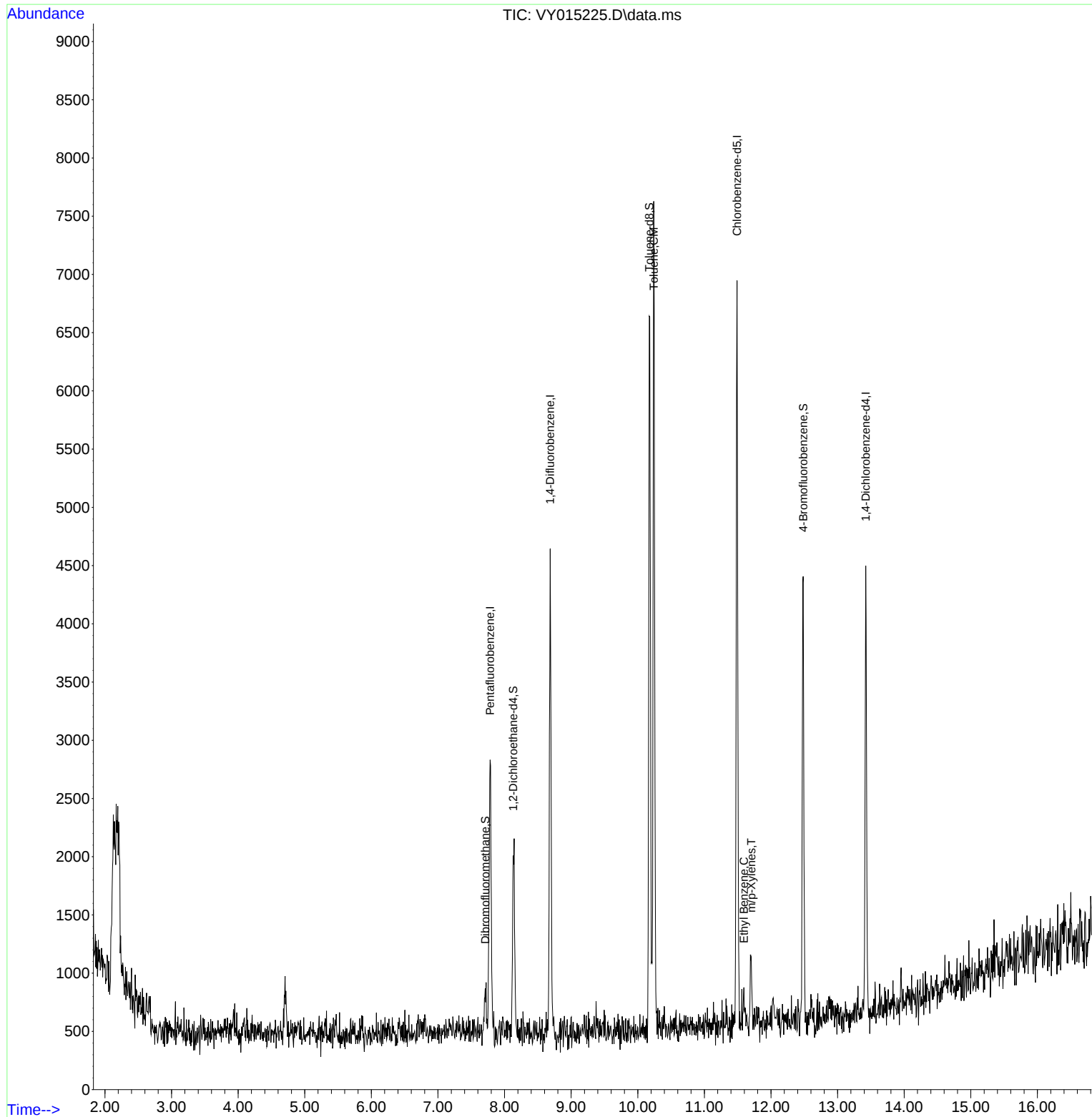
Internal Standards						
1) Pentafluorobenzene	7.783	168	2425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3895	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1431	49.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.710	113	413	15.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.460%#
50) Toluene-d8	10.173	98	4670	47.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.483	95	1395	39.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.160%
Target Compounds						
					Qvalue	
52) Toluene	10.240	92	3089	53.369	ug/l	91
67) Ethyl Benzene	11.593	91	222	1.785	ug/l	# 65
68) m/p-Xylenes	11.703	106	275	5.823	ug/l	86

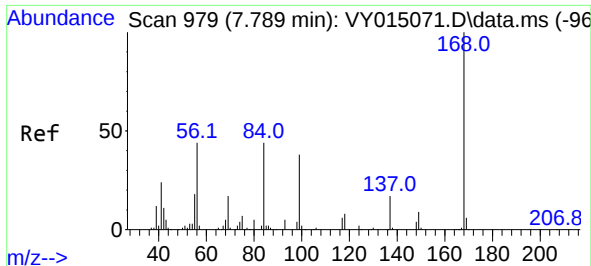
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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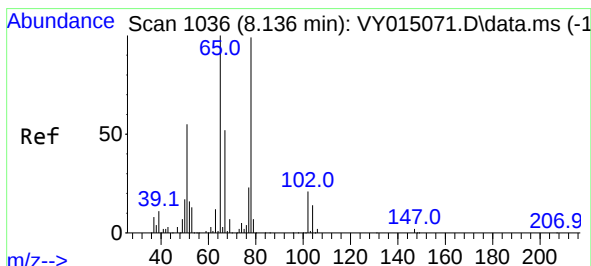
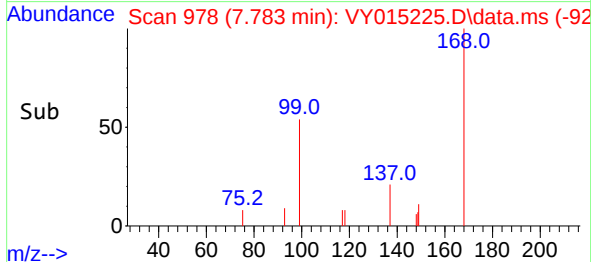
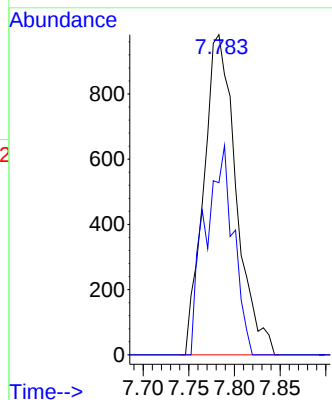
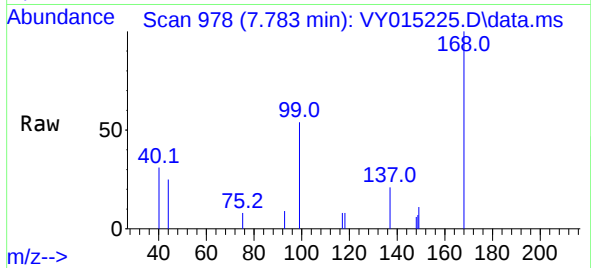




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

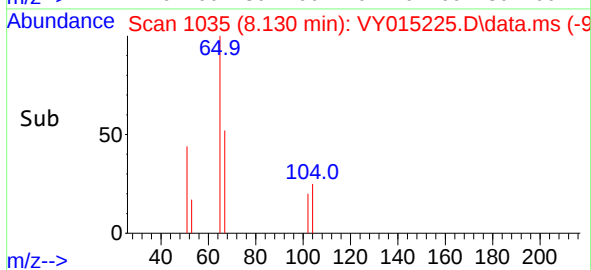
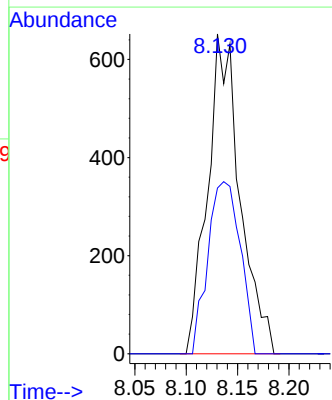
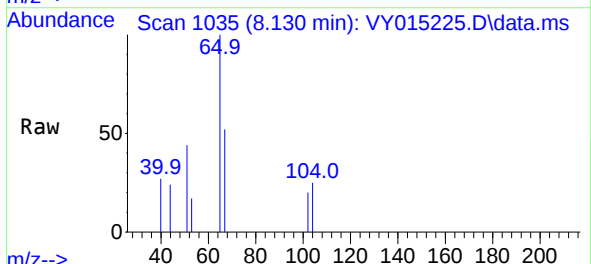
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

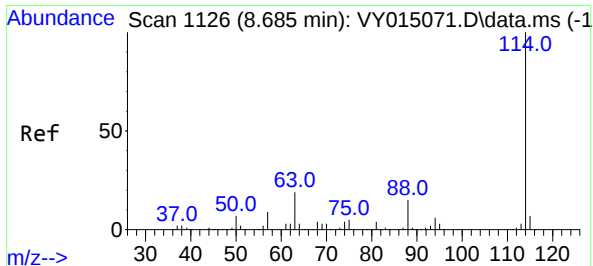
Tgt Ion:168 Resp: 2425
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.159 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

Tgt Ion: 65 Resp: 1431
Ion Ratio Lower Upper
65 100
67 53.6 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: VY015225.D

Acq: 21 Aug 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13A

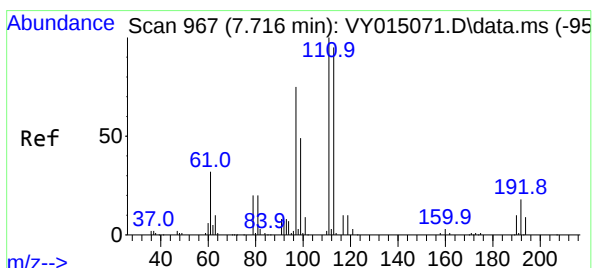
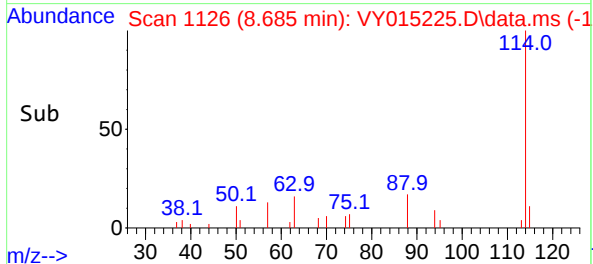
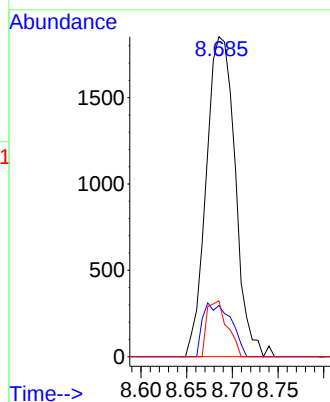
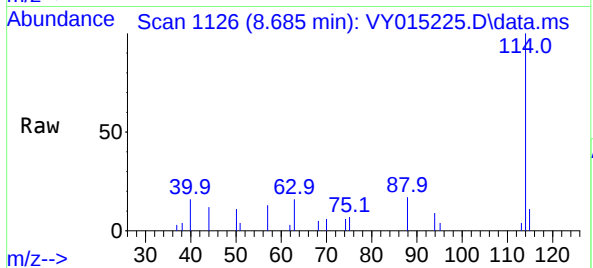
Tgt Ion:114 Resp: 4081

Ion Ratio Lower Upper

114 100

63 16.0 0.0 42.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 15.731 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015225.D

Acq: 21 Aug 2023 18:08

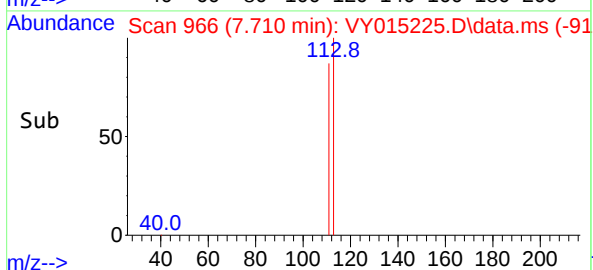
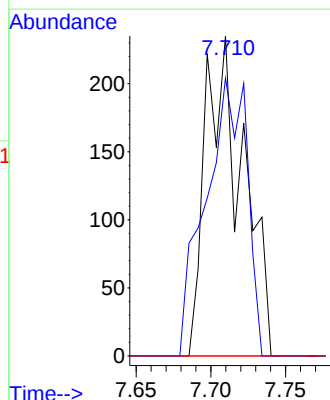
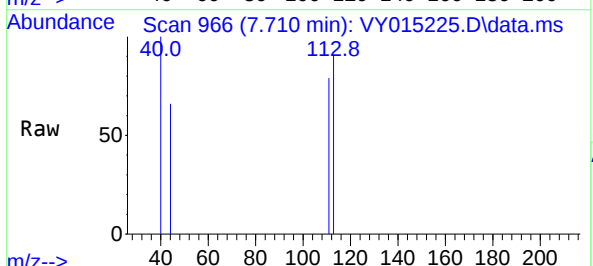
Tgt Ion:113 Resp: 413

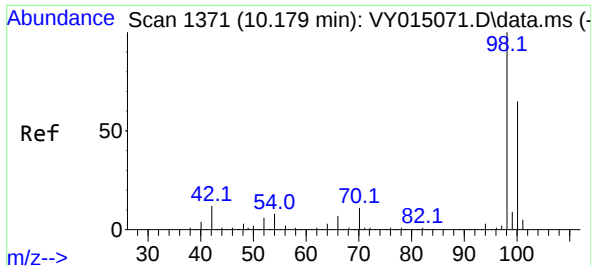
Ion Ratio Lower Upper

113 100

111 95.2 81.3 121.9

192 0.0 16.9 25.3#

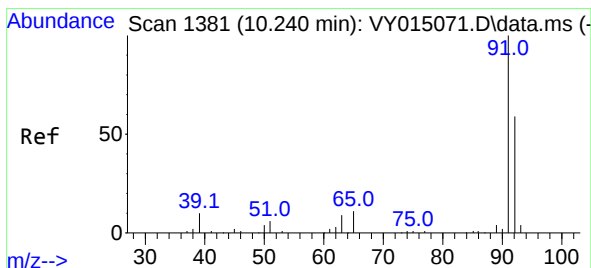
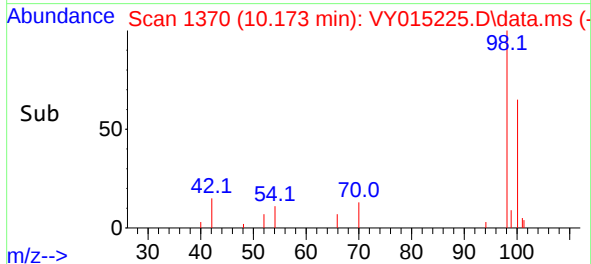
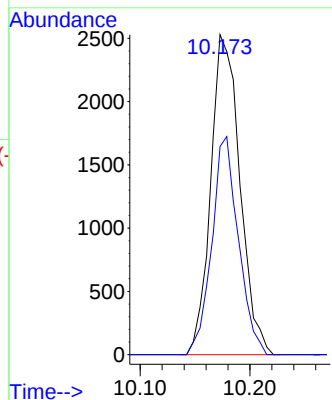
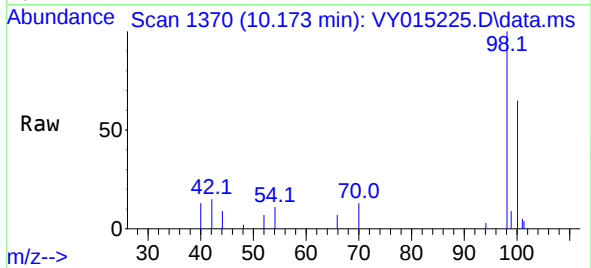




#50
Toluene-d8
Concen: 47.783 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

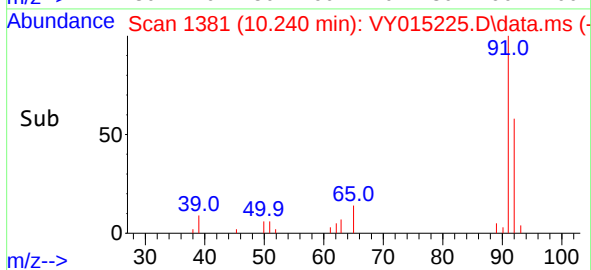
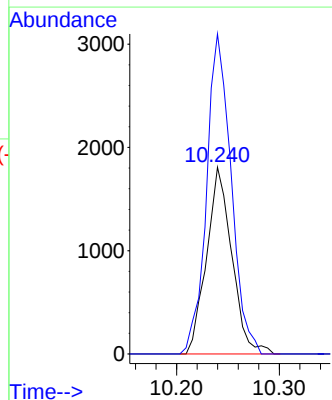
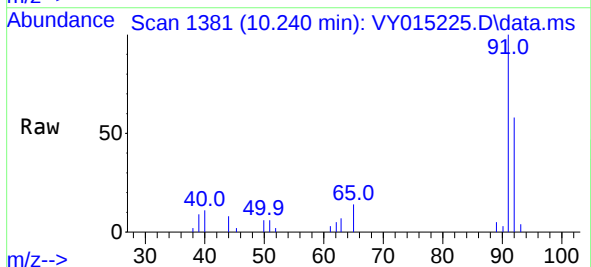
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

Tgt Ion: 98 Resp: 4670
Ion Ratio Lower Upper
98 100
100 62.1 50.1 75.1



#52
Toluene
Concen: 53.369 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

Tgt Ion: 92 Resp: 3089
Ion Ratio Lower Upper
92 100
91 166.9 143.8 215.6

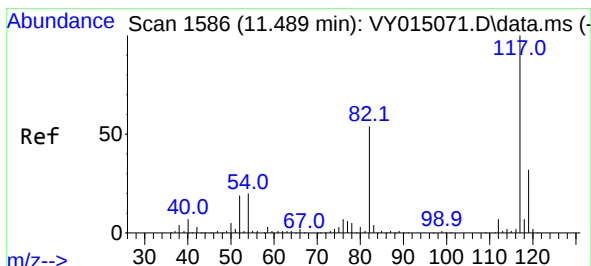
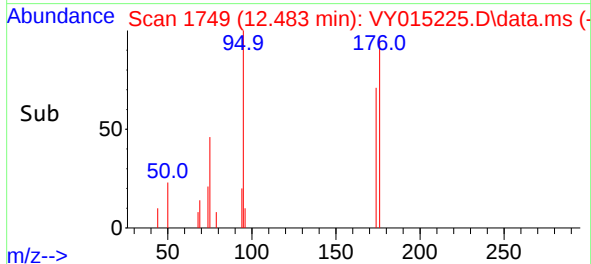
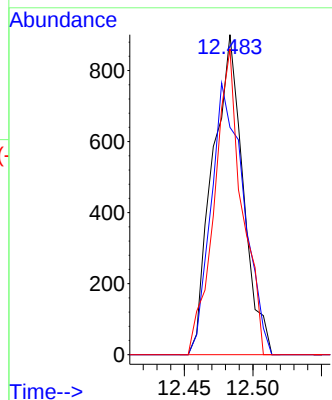
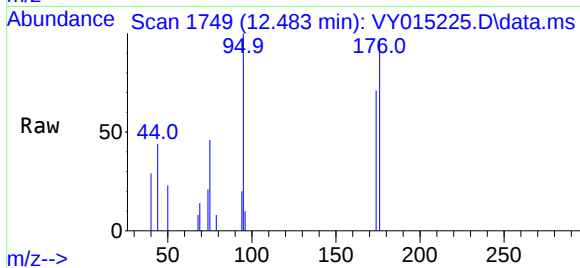




#62
4-Bromofluorobenzene
Concen: 39.079 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

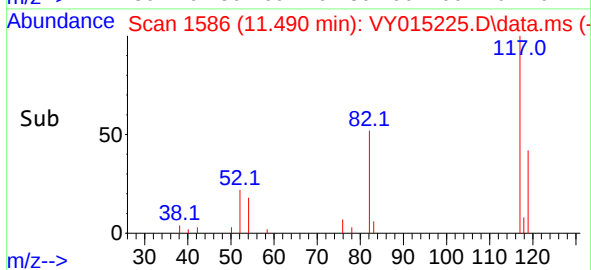
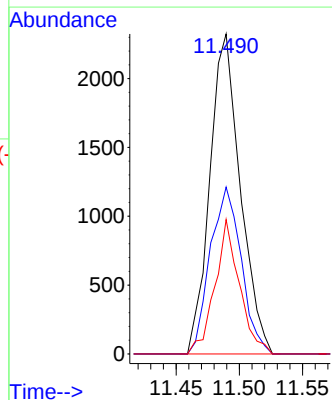
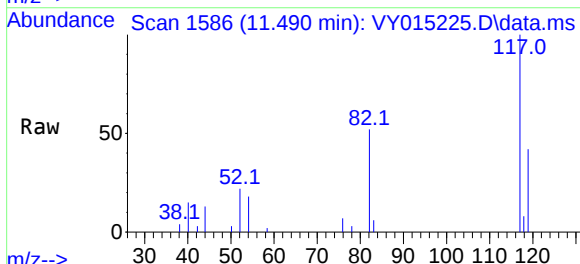
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

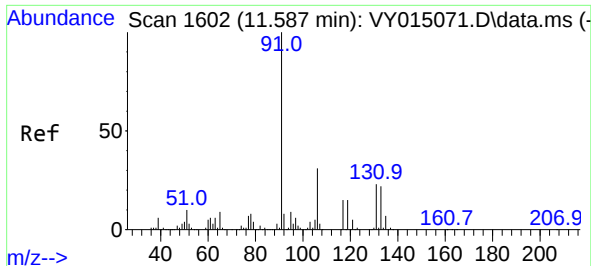
Tgt Ion:	95	Resp:	1395
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	178.2
176	86.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

Tgt Ion:	117	Resp:	3895
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.4	65.0
119	42.0	26.3	39.5

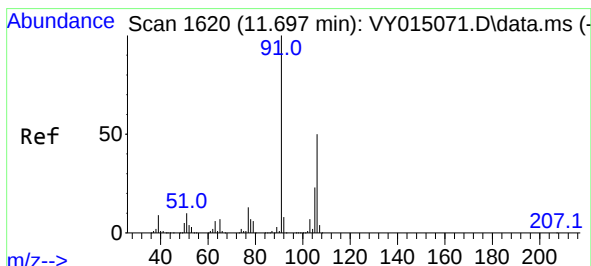
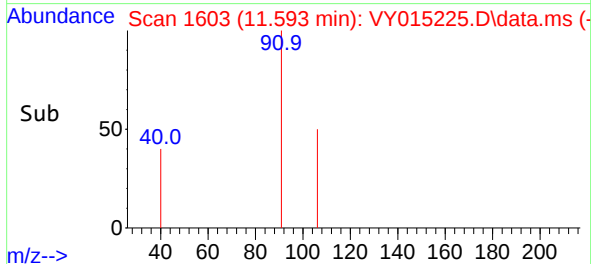
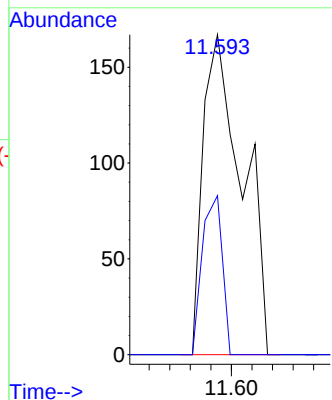
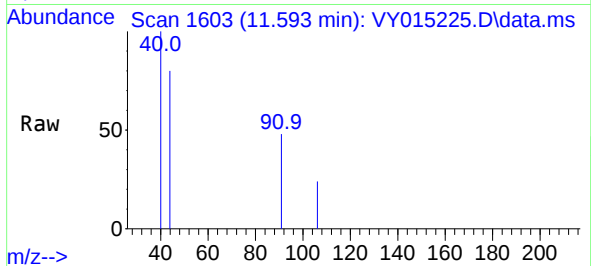




#67
Ethyl Benzene
Concen: 1.785 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

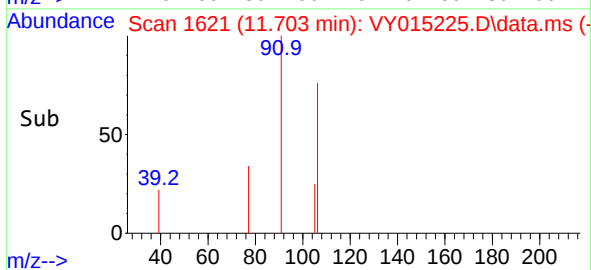
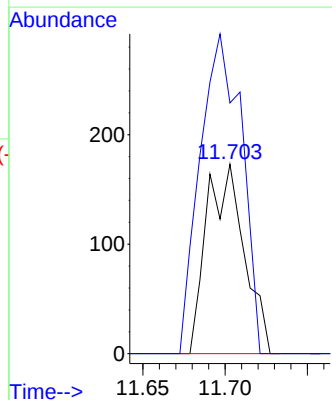
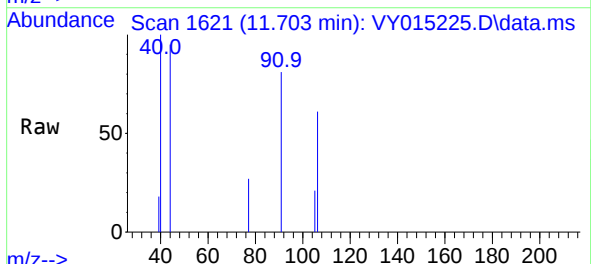
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

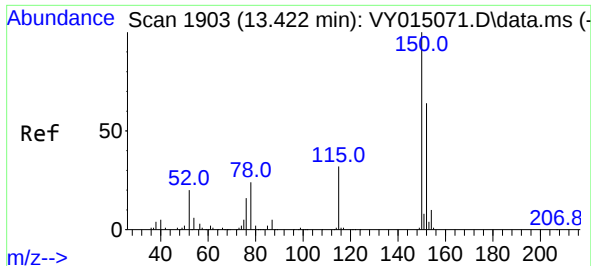
Tgt Ion: 91 Resp: 222
Ion Ratio Lower Upper
91 100
106 49.7 24.6 36.8#



#68
m/p-Xylenes
Concen: 5.823 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015225.D
Acq: 21 Aug 2023 18:08

Tgt Ion: 106 Resp: 275
Ion Ratio Lower Upper
106 100
91 186.5 166.1 249.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015225.D

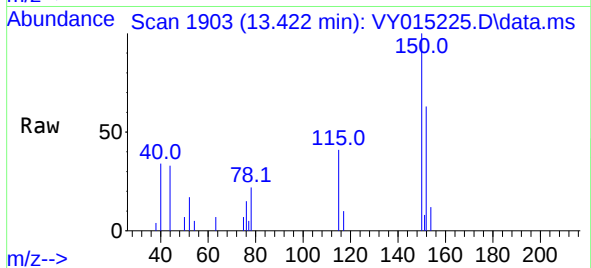
Acq: 21 Aug 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13A



Tgt Ion:152 Resp: 1106

Ion Ratio Lower Upper

152 100

115 67.8 28.8 86.5

150 168.3 0.0 348.8

