

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009228.D
 Acq On : 17 Jun 2022 15:41
 Operator : KP/MD
 Sample : N3383-06
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-04-(3-5)

Quant Time: Jun 17 22:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

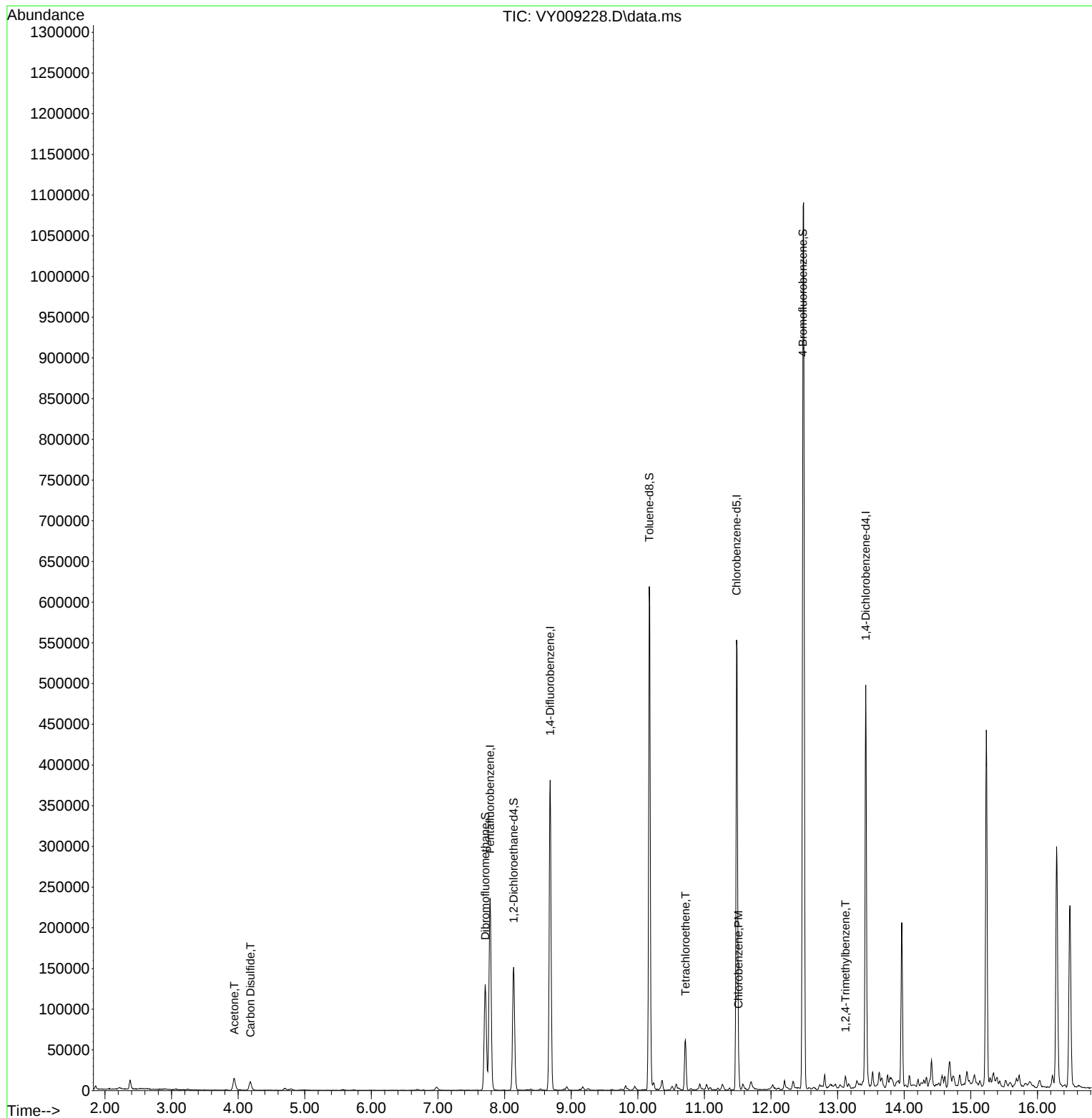
Internal Standards						
1) Pentafluorobenzene	7.783	168	186133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	301264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112187	57.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.400%
35) Dibromofluoromethane	7.710	113	90507	44.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.220%
50) Toluene-d8	10.173	98	391732	50.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.477	95	134344	48.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.900%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	24579	50.184	ug/l	91
17) Carbon Disulfide	4.186	76	19929	3.887	ug/l	97
64) Tetrachloroethene	10.715	164	13464	4.824	ug/l	95
65) Chlorobenzene	11.514	112	13423	2.057	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	8352	1.082	ug/l	92

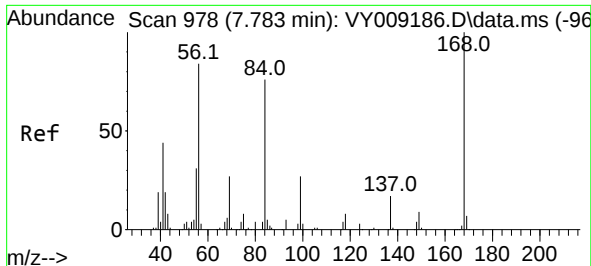
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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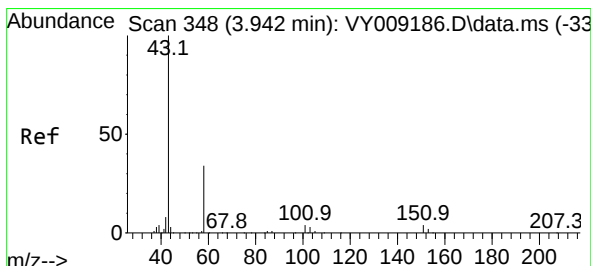
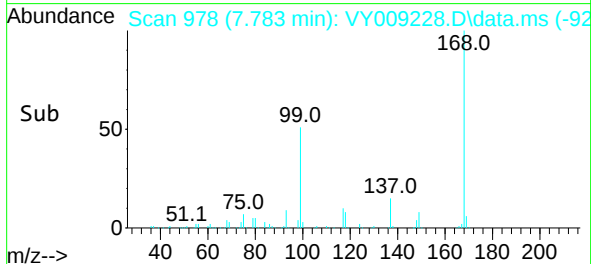
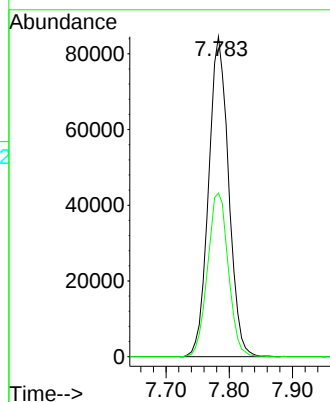
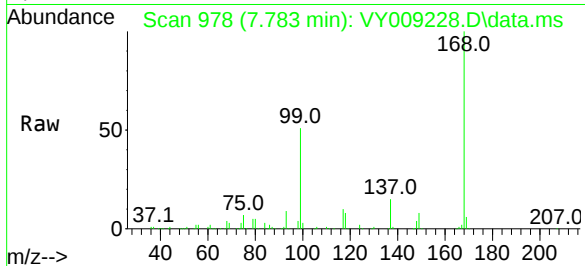




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

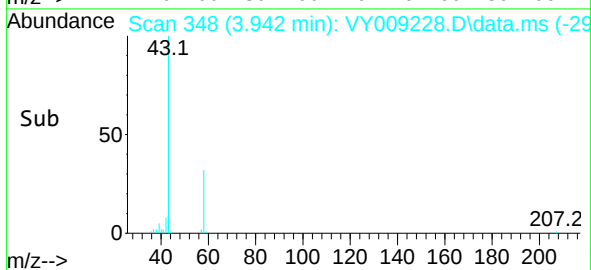
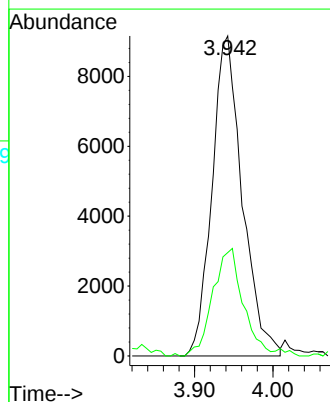
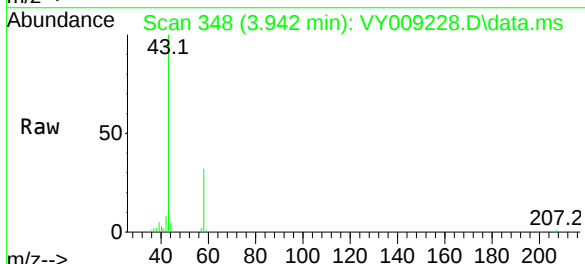
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(3-5)

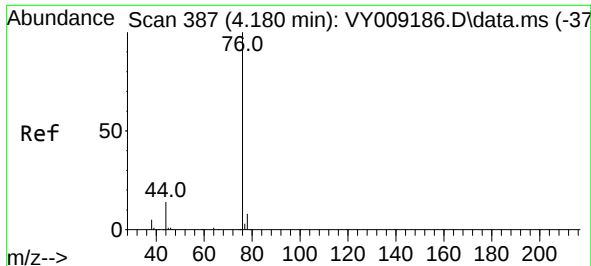
Tgt Ion:168 Resp: 186133
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 50.184 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

Tgt Ion: 43 Resp: 24579
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

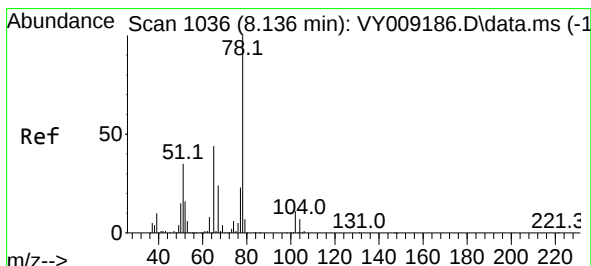
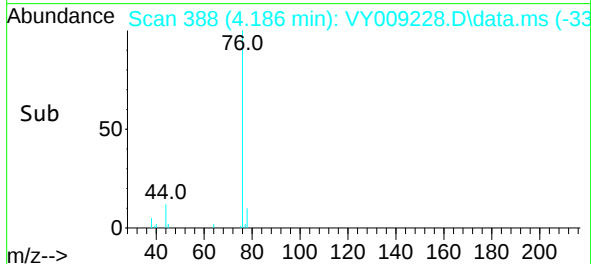
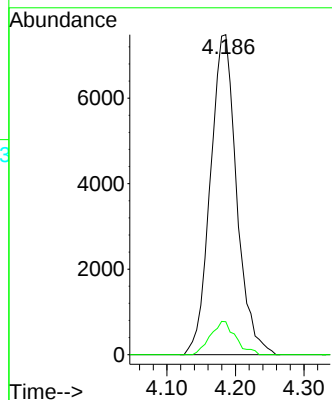
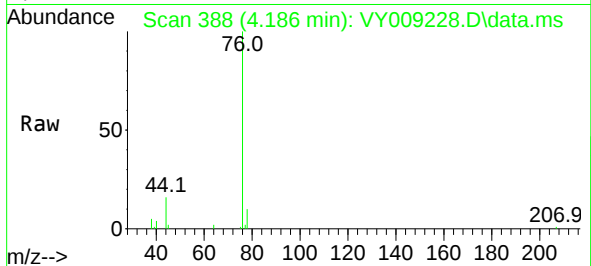




#17
Carbon Disulfide
Concen: 3.887 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

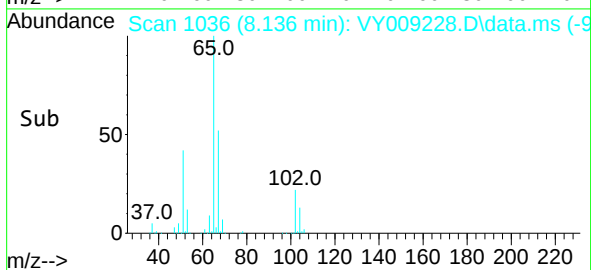
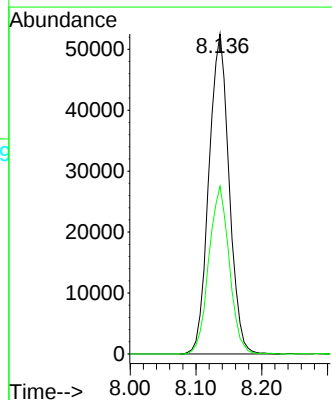
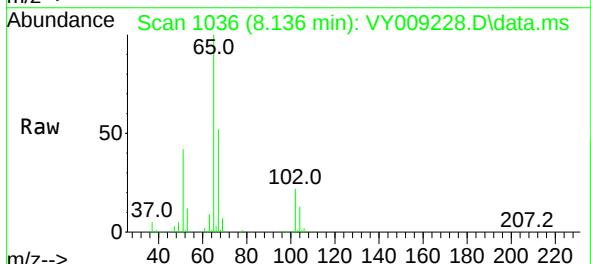
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(3-5)

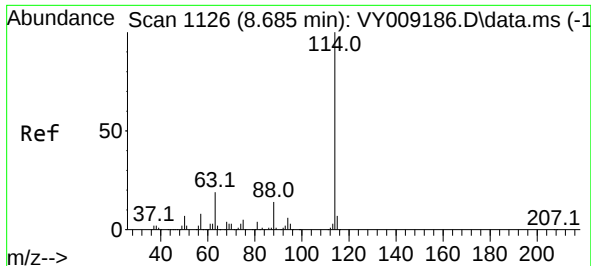
Tgt Ion: 76 Resp: 19929
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 57.699 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

Tgt Ion: 65 Resp: 112187
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

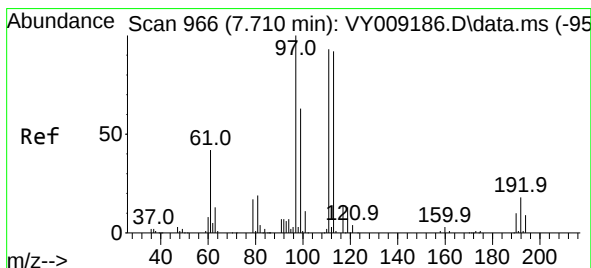
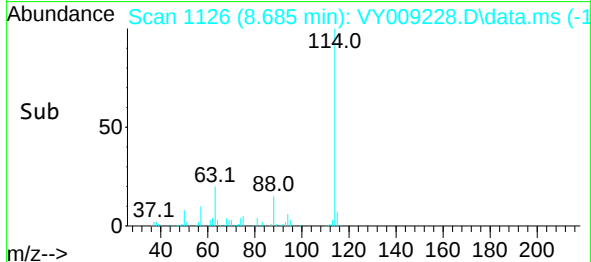
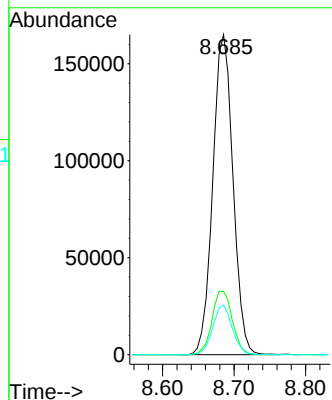
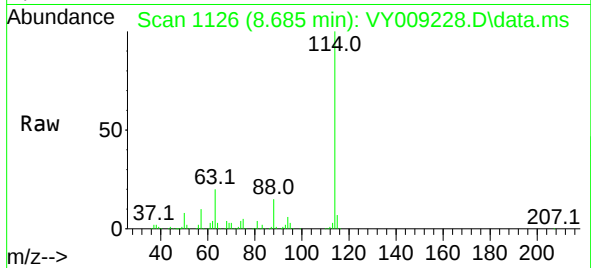




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

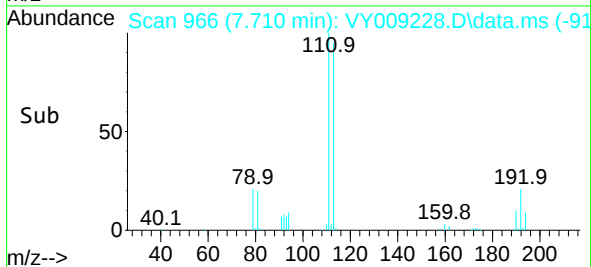
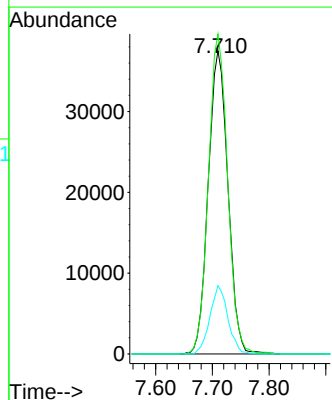
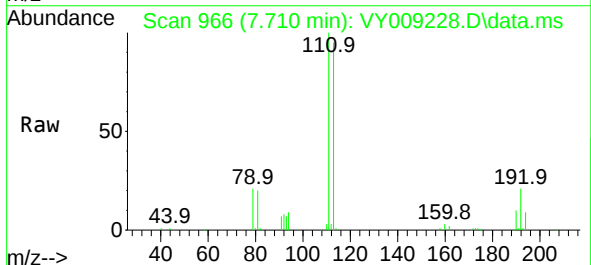
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(3-5)

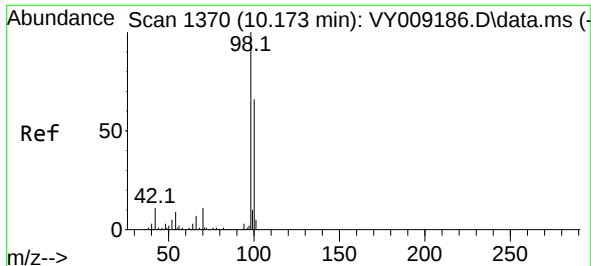
Tgt Ion:114 Resp: 323624
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.607 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

Tgt Ion:113 Resp: 90507
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.6 17.6 26.4

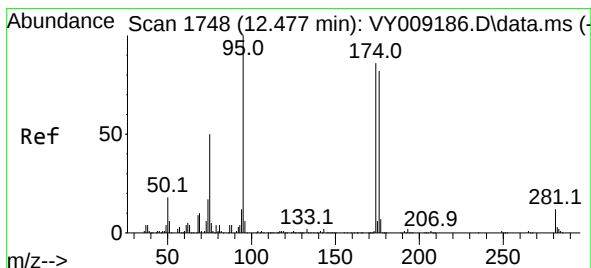
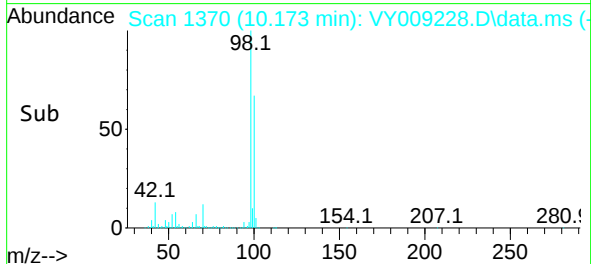
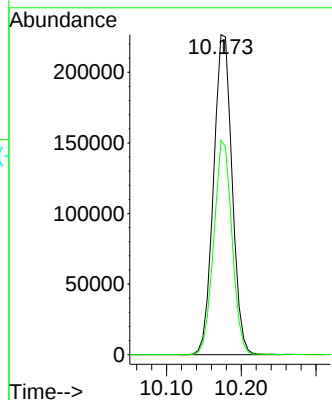
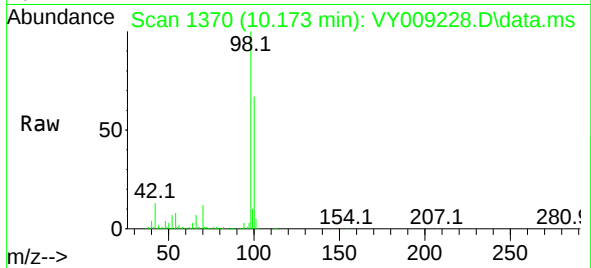




#50
Toluene-d8
Concen: 50.718 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

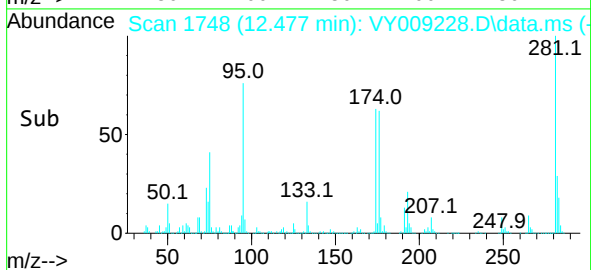
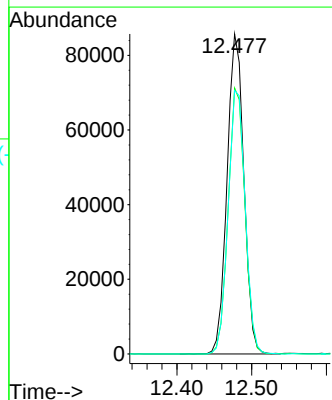
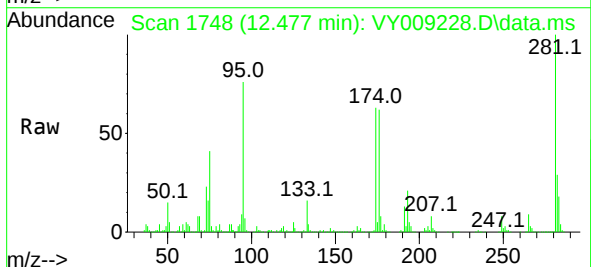
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(3-5)

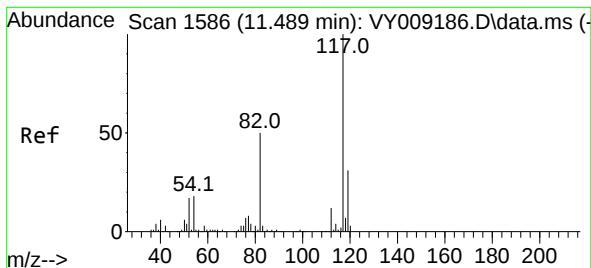
Tgt Ion: 98 Resp: 391732
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.947 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

Tgt Ion: 95 Resp: 134344
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009228.D

Acq: 17 Jun 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

RB-04-(3-5)

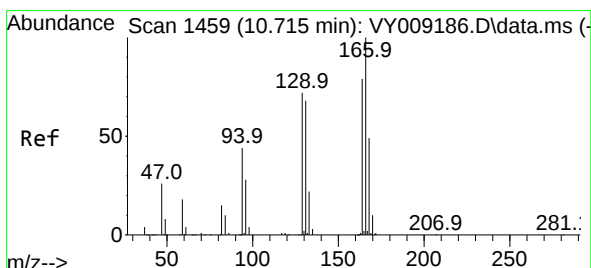
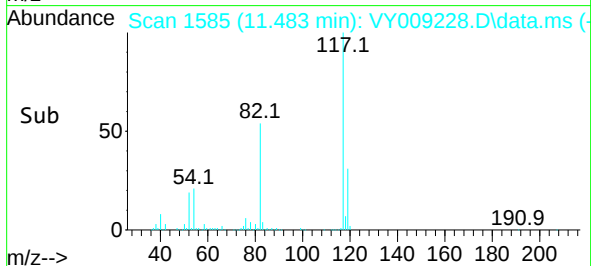
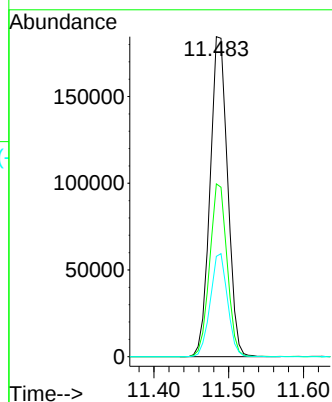
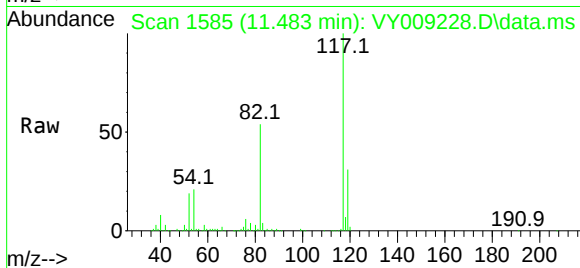
Tgt Ion:117 Resp: 301264

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 4.824 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009228.D

Acq: 17 Jun 2022 15:41

Tgt Ion:164 Resp: 13464

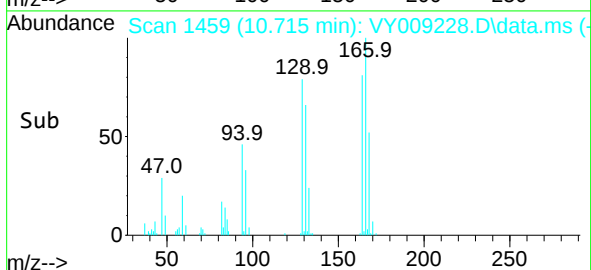
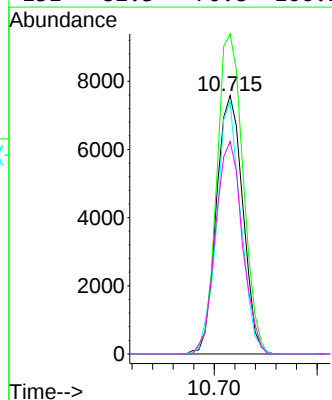
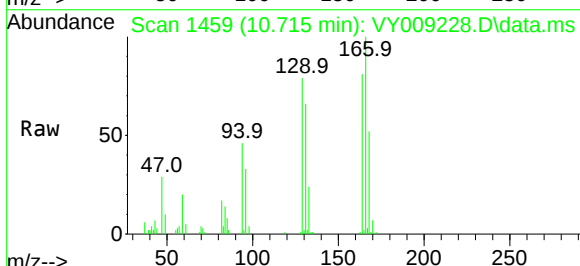
Ion Ratio Lower Upper

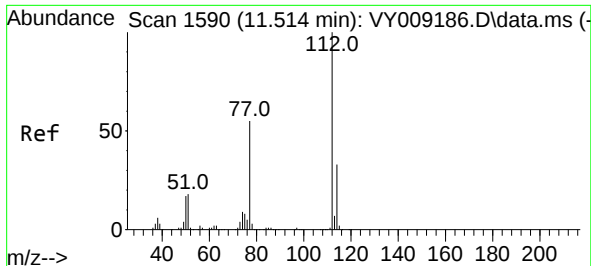
164 100

166 123.9 100.4 150.6

129 97.7 71.4 107.0

131 82.3 70.8 106.2

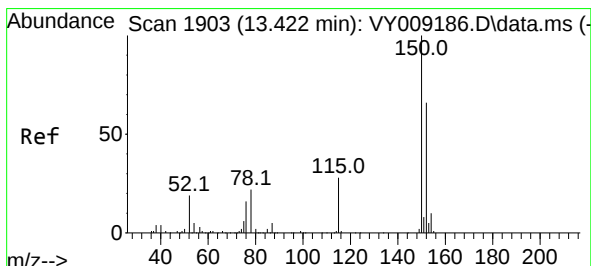
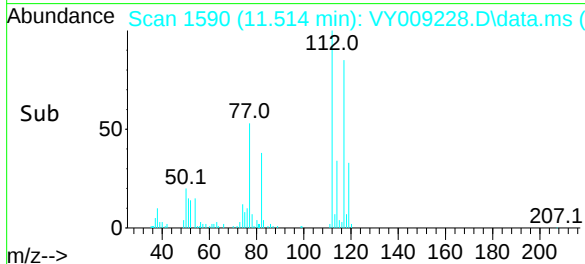
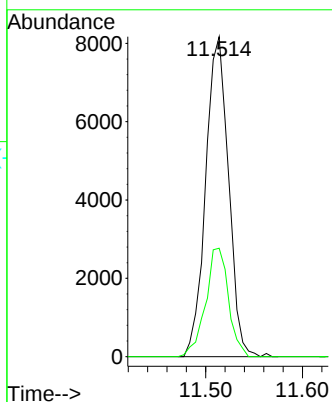
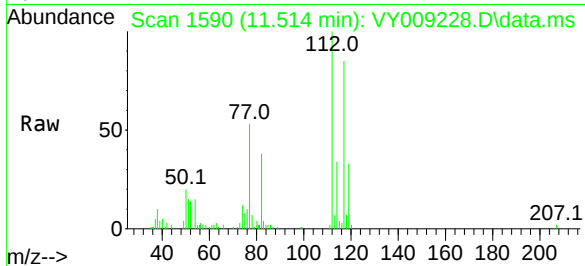




#65
Chlorobenzene
Concen: 2.057 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

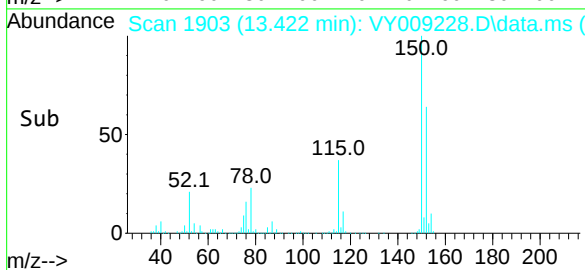
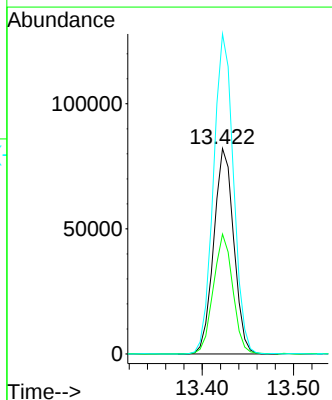
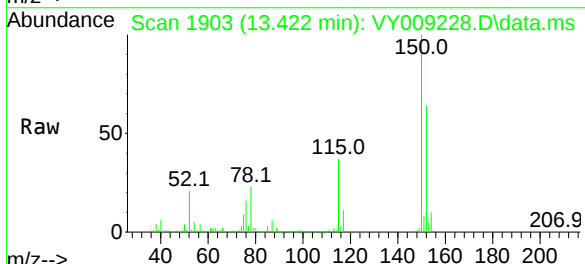
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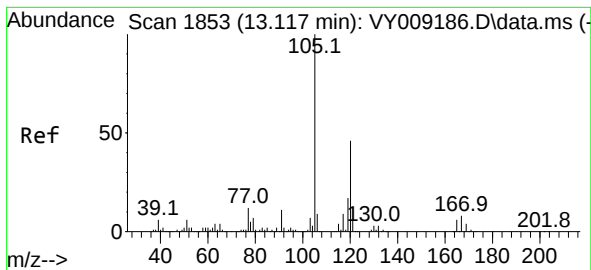
Tgt Ion:112 Resp: 13423
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009228.D
Acq: 17 Jun 2022 15:41

Tgt Ion:152 Resp: 125026
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.0 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 1.082 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009228.D

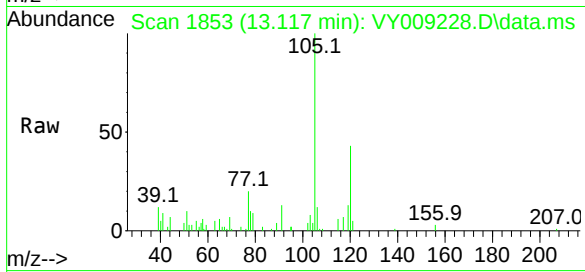
Acq: 17 Jun 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

RB-04-(3-5)



Tgt Ion:105 Resp: 8352

Ion Ratio Lower Upper

105 100

120 39.5 22.3 66.9

