

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009200.D
 Acq On : 16 Jun 2022 14:17
 Operator : KP/MD
 Sample : N3347-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-061422

Quant Time: Jun 17 02:26:23 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)

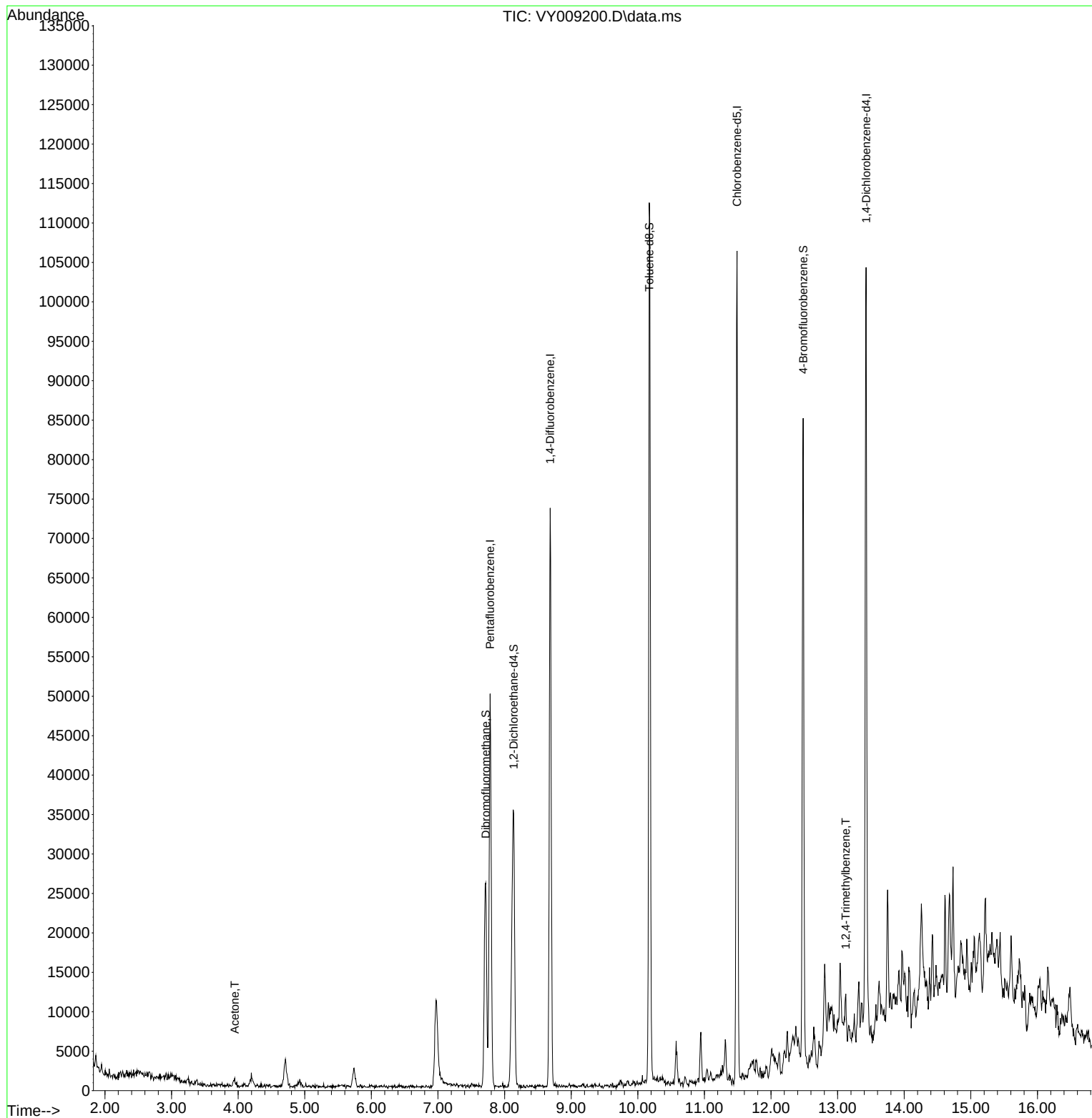
Internal Standards						
1) Pentafluorobenzene	7.783	168	36992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	62610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22005	56.946	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.900%	
35) Dibromofluoromethane	7.716	113	20023	51.009	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.020%	
50) Toluene-d8	10.173	98	72834	48.742	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.480%	
62) 4-Bromofluorobenzene	12.483	95	25778	48.546	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	97.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1426	14.650	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.123	105	3670	2.287	ug/l	99

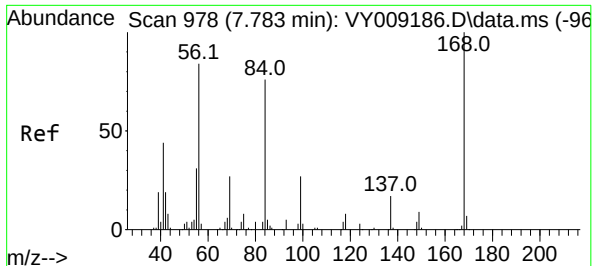
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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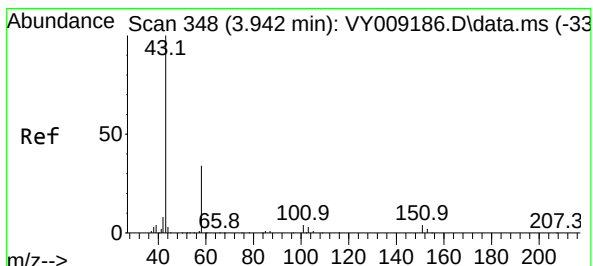
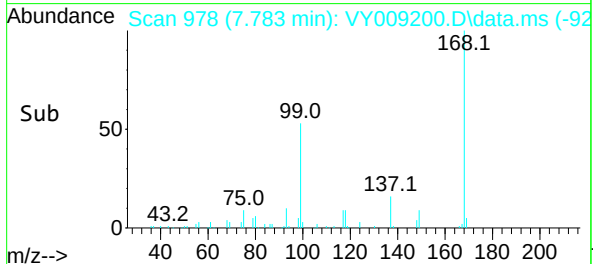
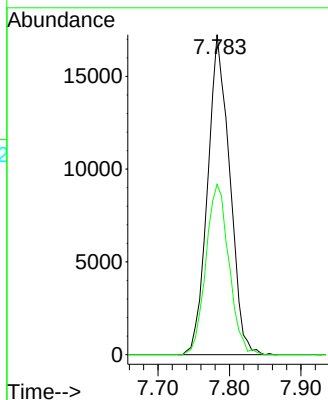
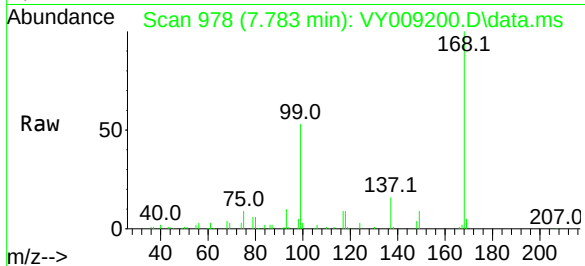




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

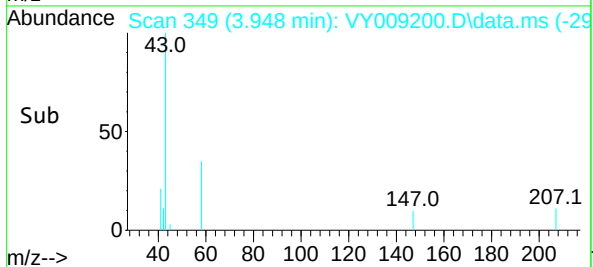
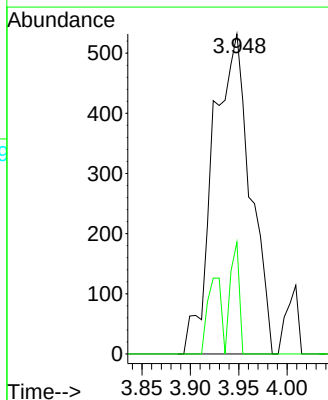
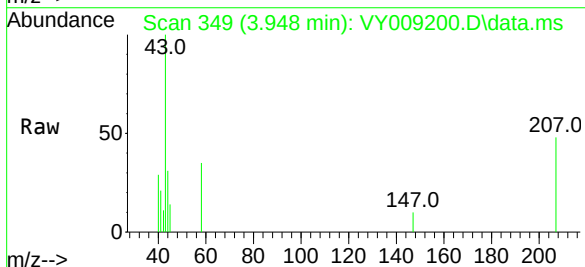
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-061422

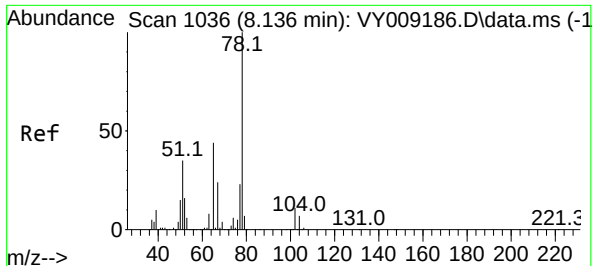
Tgt Ion:168 Resp: 36992
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 14.650 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 56.946 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

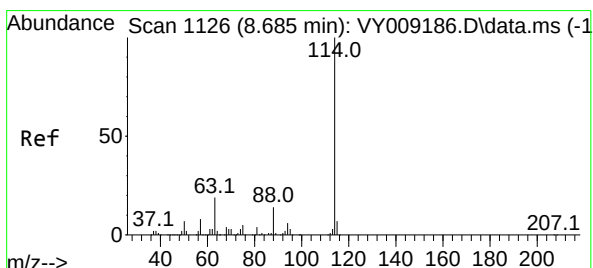
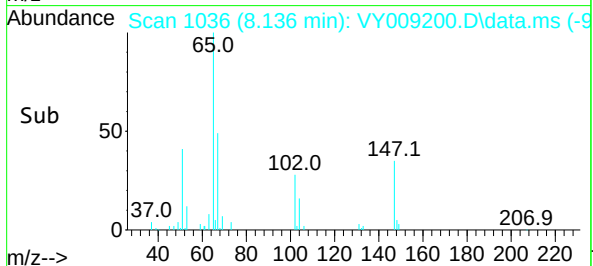
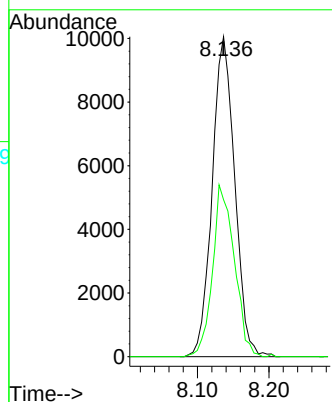
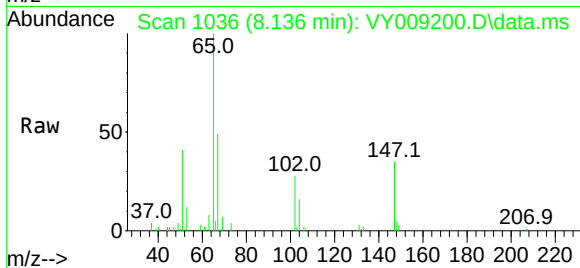
CL-02-061422

Tgt Ion: 65 Resp: 22005

Ion Ratio Lower Upper

65 100

67 51.9 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: VY009200.D

Acq: 16 Jun 2022 14:17

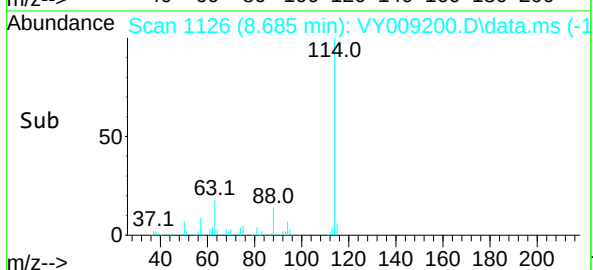
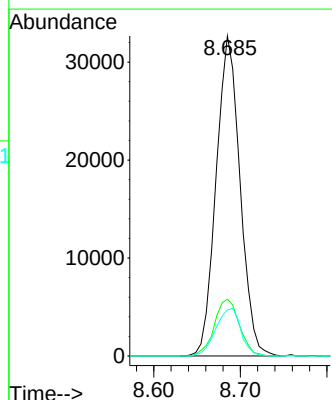
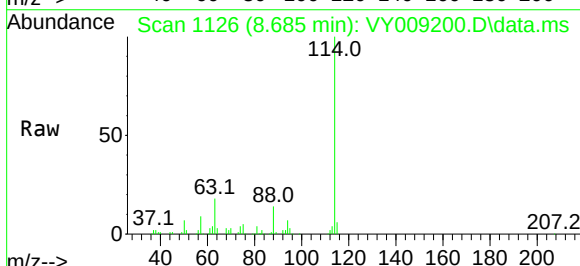
Tgt Ion: 114 Resp: 62610

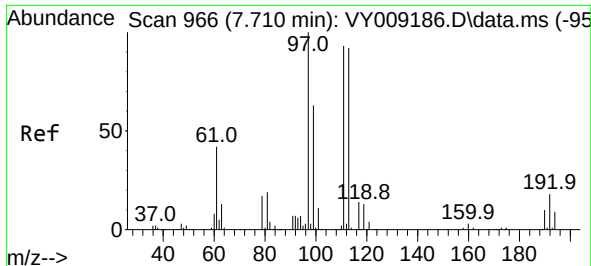
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.4 0.0 31.8

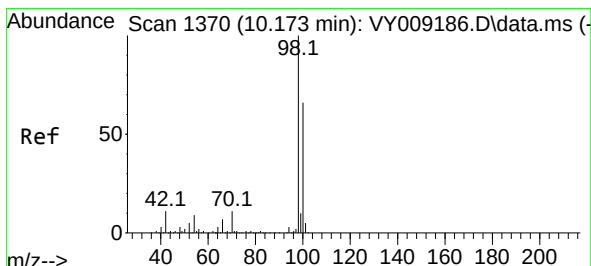
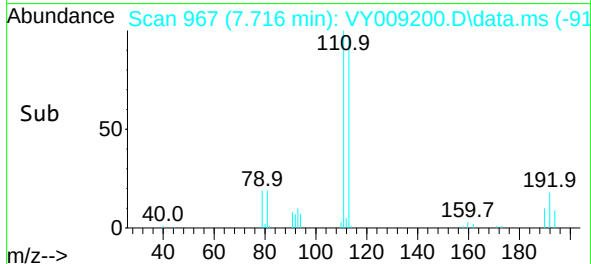
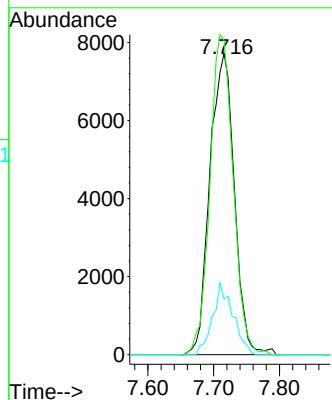
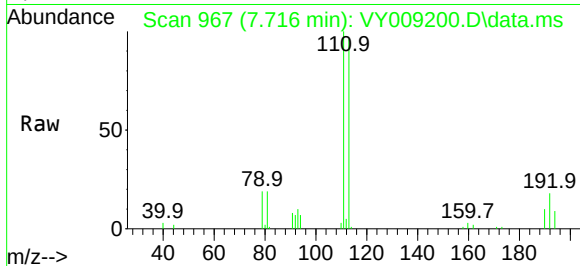




#35
 Dibromofluoromethane
 Concen: 51.009 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY009200.D
 Acq: 16 Jun 2022 14:17

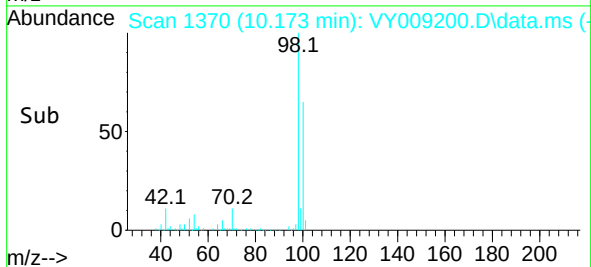
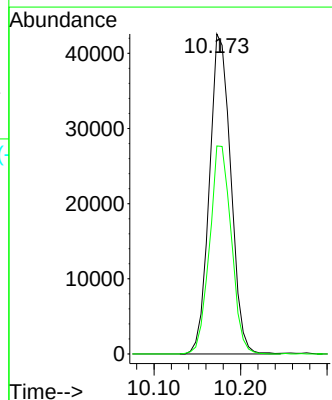
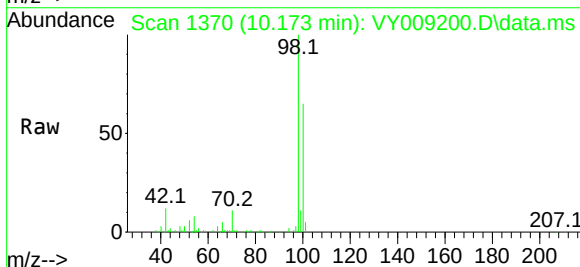
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-061422

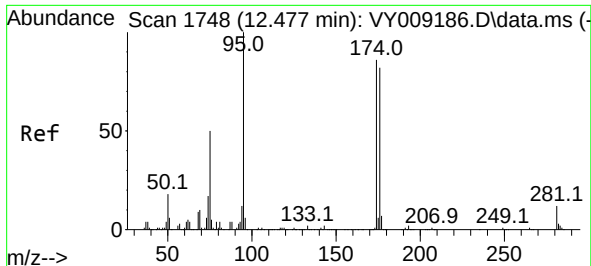
Tgt Ion:113 Resp: 20023
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.6 124.0
 192 19.9 17.6 26.4



#50
 Toluene-d8
 Concen: 48.742 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009200.D
 Acq: 16 Jun 2022 14:17

Tgt Ion: 98 Resp: 72834
 Ion Ratio Lower Upper
 98 100
 100 66.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 48.546 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-061422

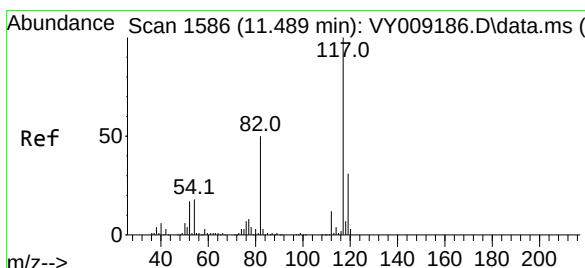
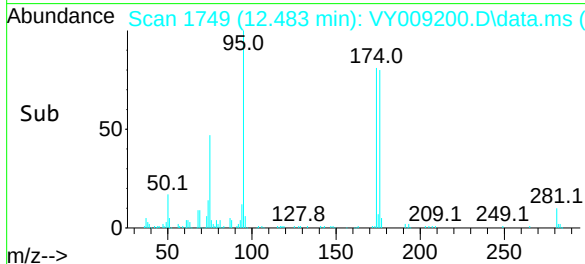
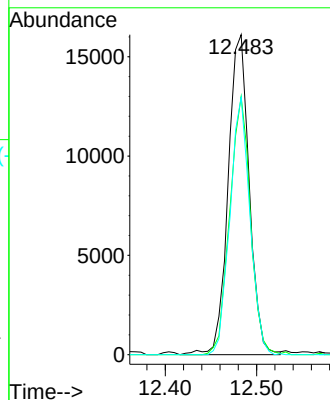
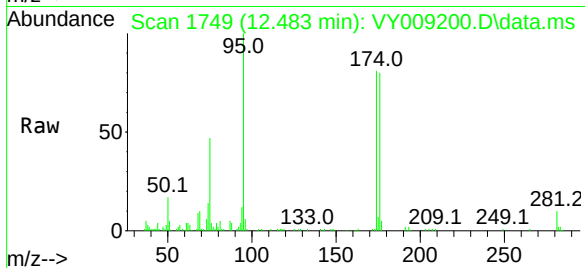
Tgt Ion: 95 Resp: 25778

Ion Ratio Lower Upper

95 100

174 79.3 0.0 177.0

176 76.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

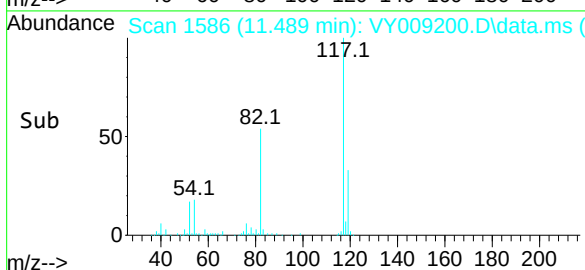
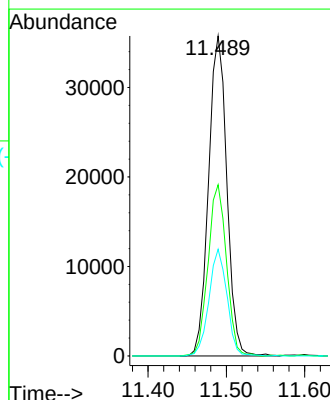
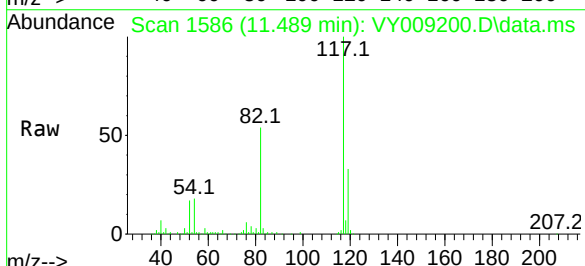
Tgt Ion: 117 Resp: 57962

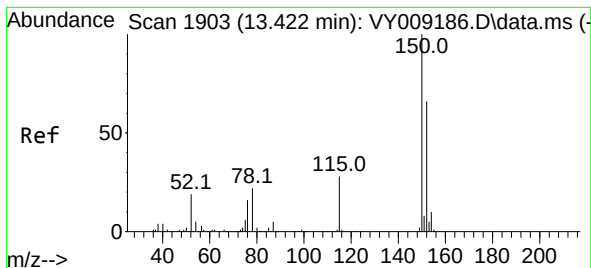
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 33.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-061422

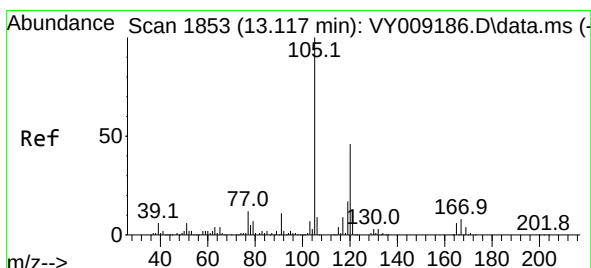
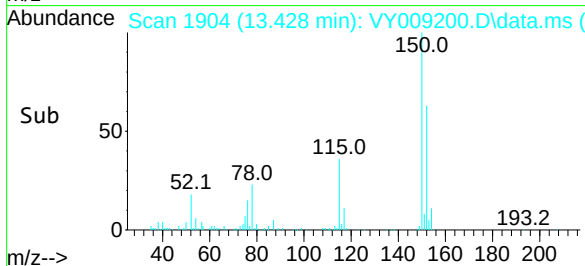
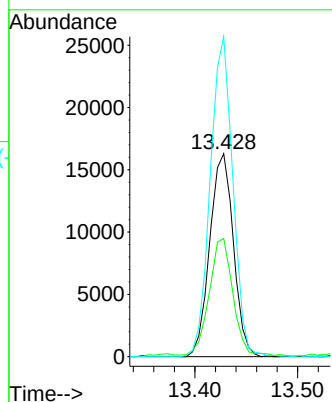
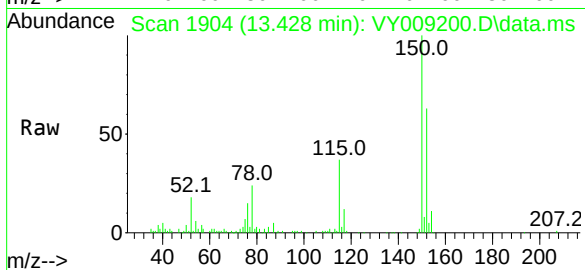
Tgt Ion:152 Resp: 25991

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 150.6 0.0 347.6



#84

1,2,4-Trimethylbenzene

Concen: 2.287 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Tgt Ion:105 Resp: 3670

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.9

