

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009204.D
 Acq On : 16 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3340-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-1

Quant Time: Jun 17 02:27:07 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)

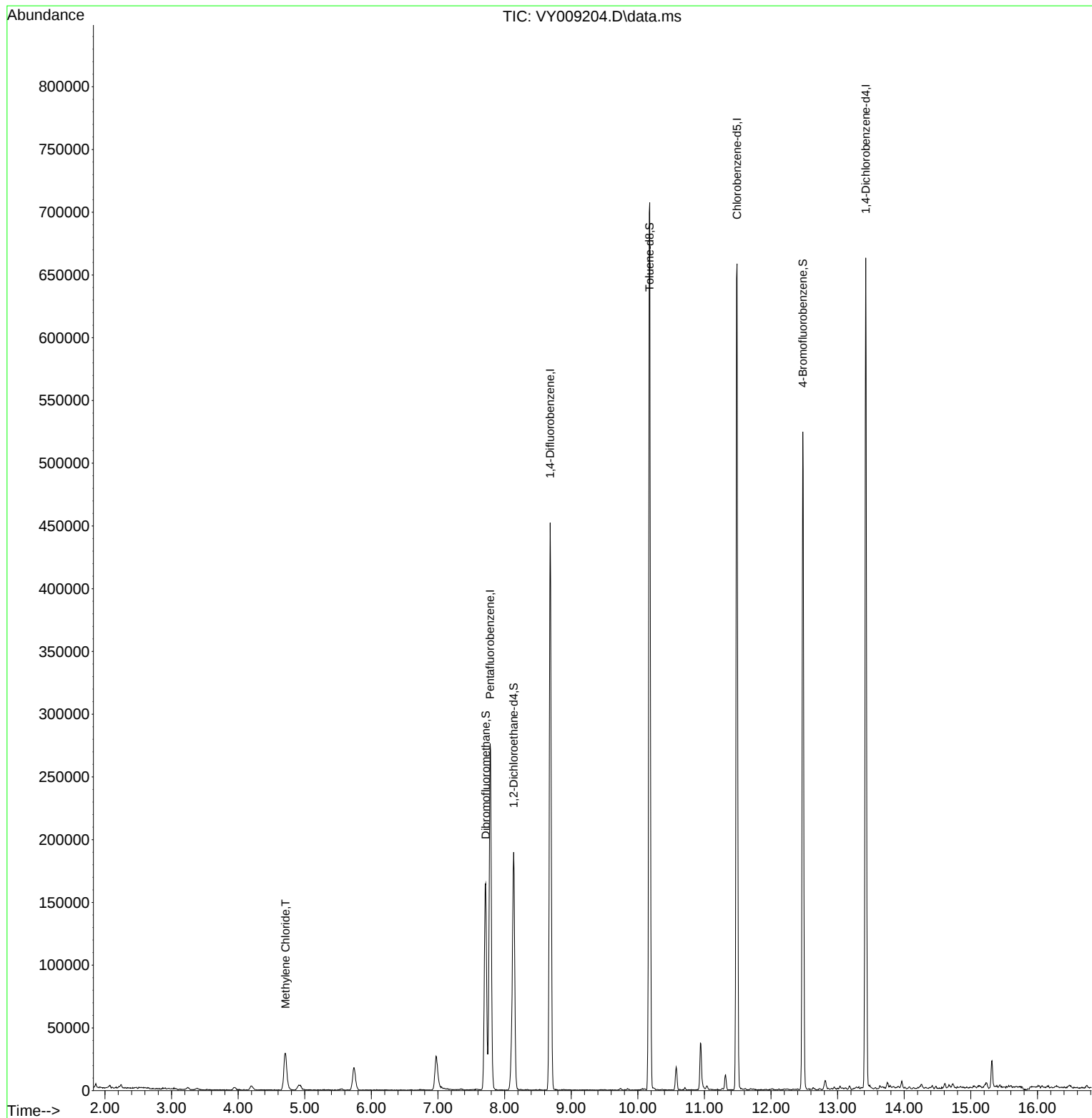
Internal Standards						
1) Pentafluorobenzene	7.783	168	220097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129073	56.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.280%
35) Dibromofluoromethane	7.716	113	118170	48.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.179	98	463608	50.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.477	95	160293	49.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.260%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	22410	6.069	ug/l	89

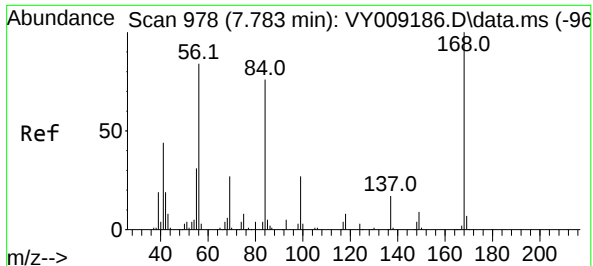
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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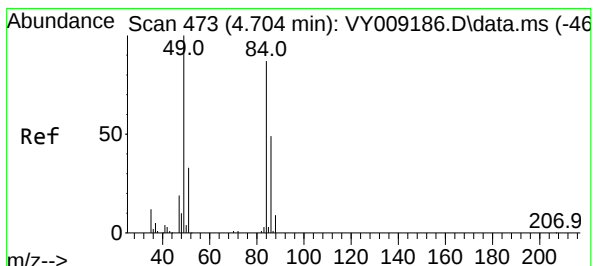
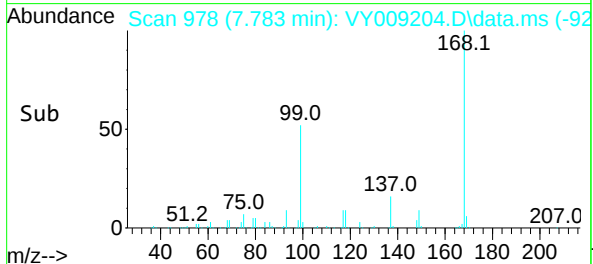
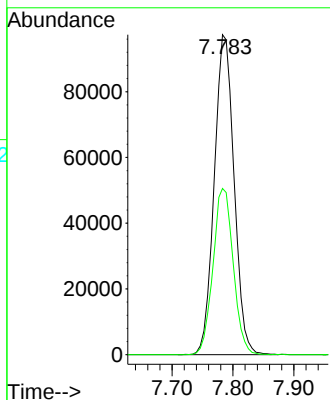
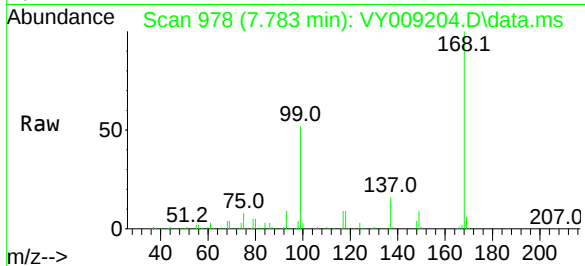




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

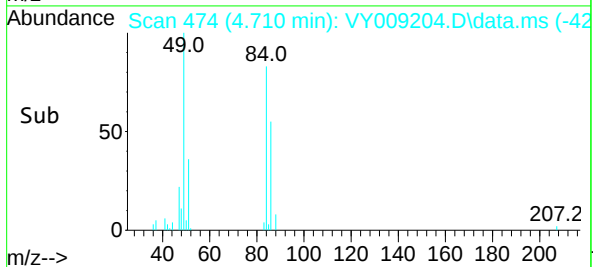
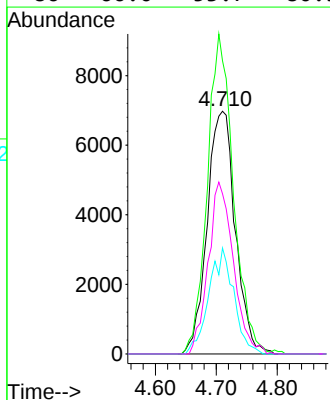
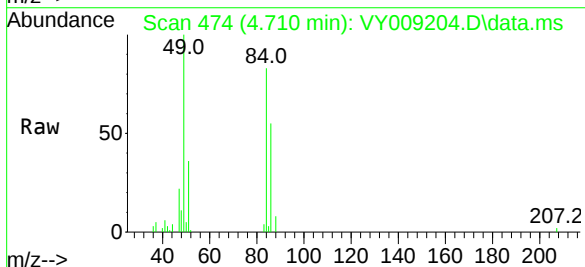
Instrument :
MSVOA_Y
ClientSampleId :
CS-1

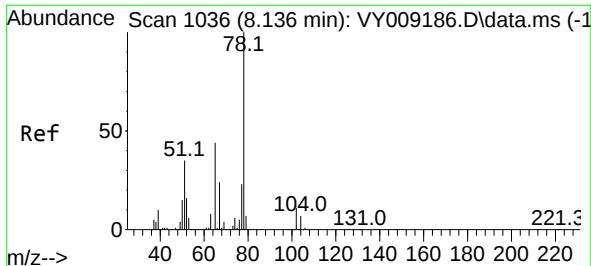
Tgt Ion:168 Resp: 220097
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#20
Methylene Chloride
Concen: 6.069 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

Tgt Ion: 84 Resp: 22410
Ion Ratio Lower Upper
84 100
49 120.7 114.4 171.6
51 43.6 35.3 52.9
86 66.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.140 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009204.D

Acq: 16 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

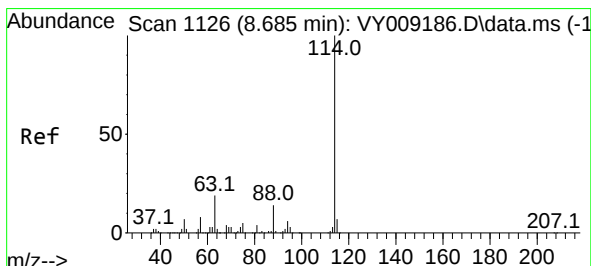
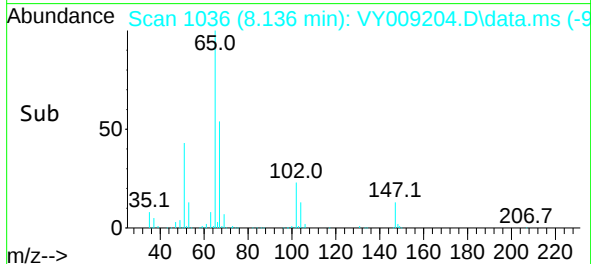
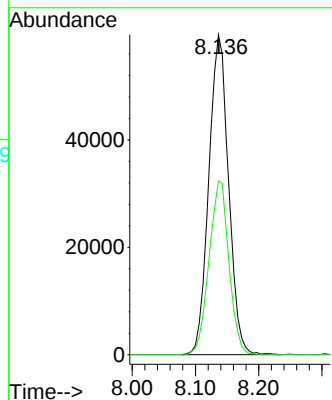
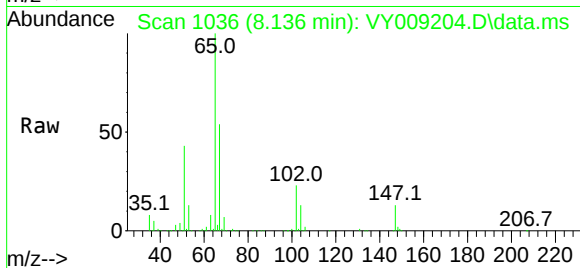
CS-1

Tgt Ion: 65 Resp: 129073

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: VY009204.D

Acq: 16 Jun 2022 15:51

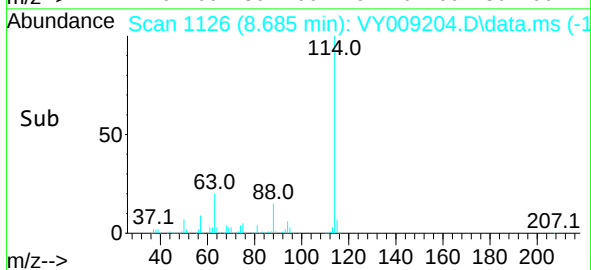
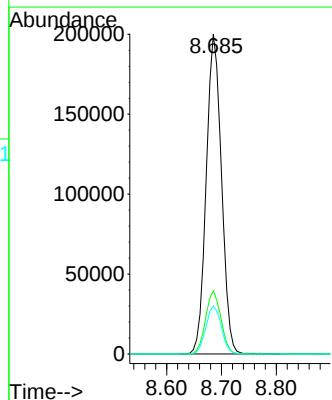
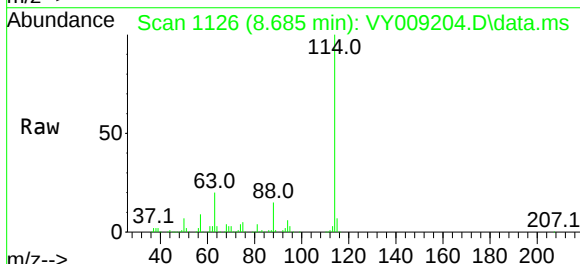
Tgt Ion: 114 Resp: 384696

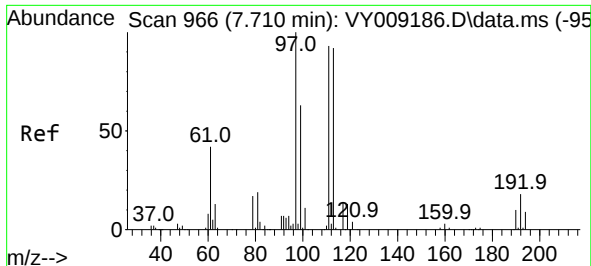
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.0 0.0 31.8

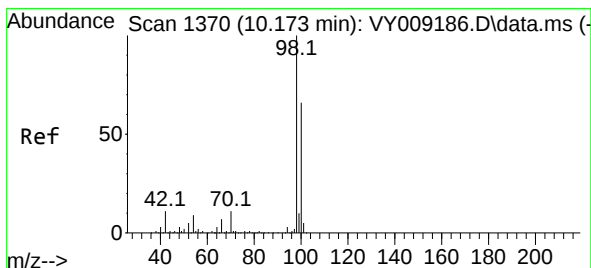
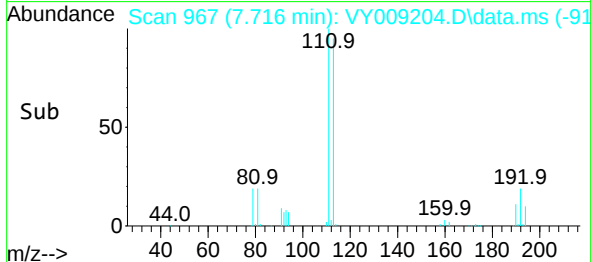
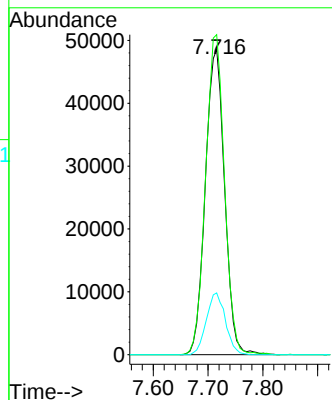
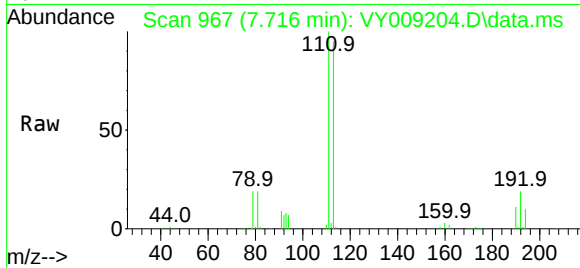




#35
Dibromofluoromethane
Concen: 48.994 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

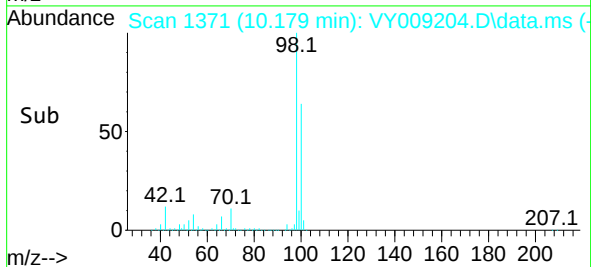
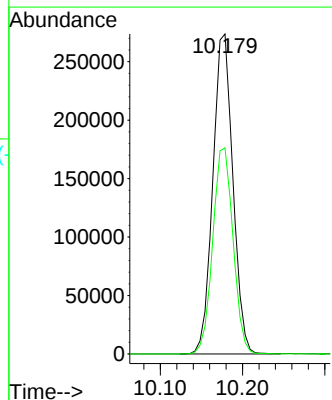
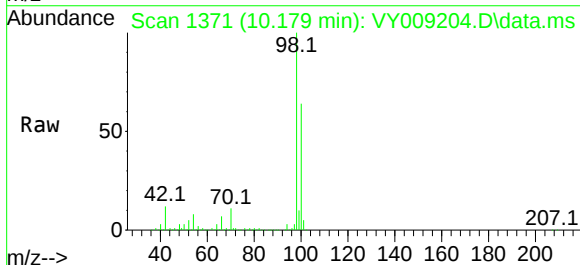
Instrument :
MSVOA_Y
ClientSampleId :
CS-1

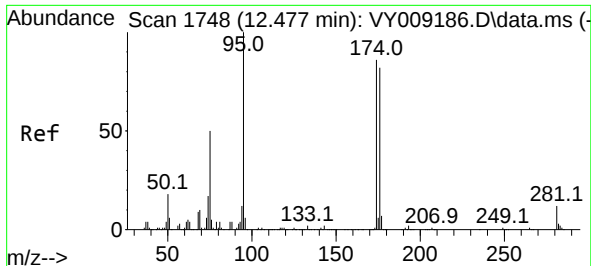
Tgt Ion:113 Resp: 118170
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

Tgt Ion: 98 Resp: 463608
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

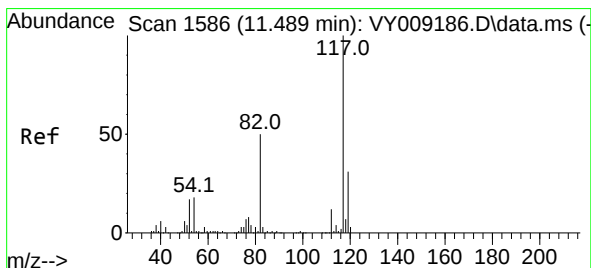
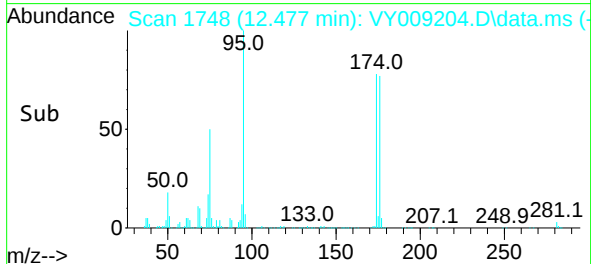
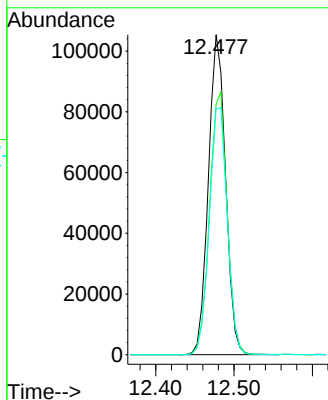
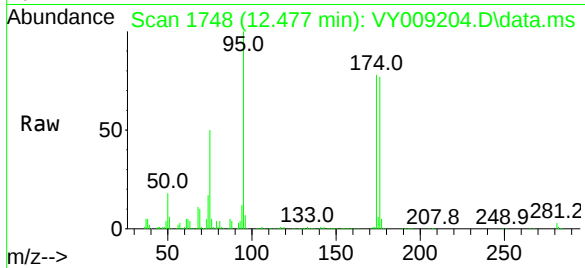




#62
4-Bromofluorobenzene
Concen: 49.130 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

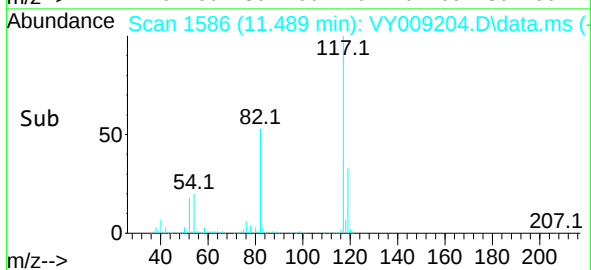
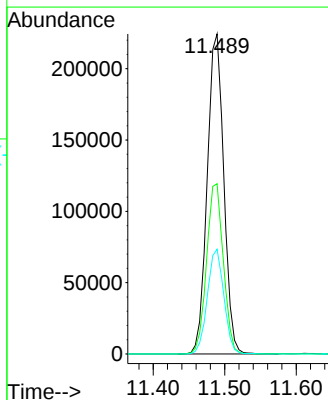
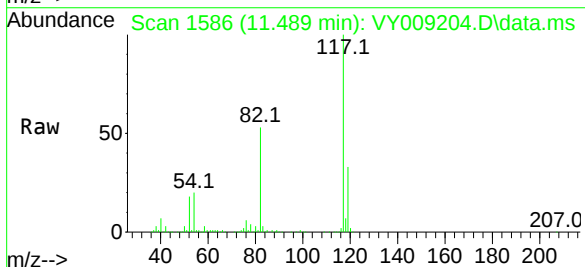
Instrument :
MSVOA_Y
ClientSampleId :
CS-1

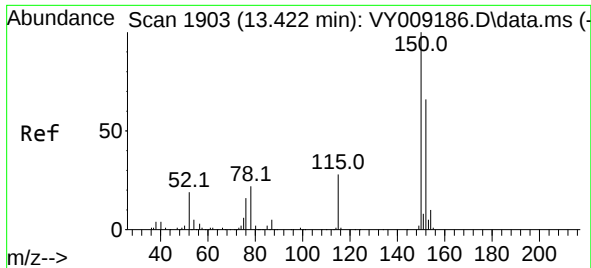
Tgt Ion: 95 Resp: 160293
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009204.D
Acq: 16 Jun 2022 15:51

Tgt Ion: 117 Resp: 360571
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009204.D

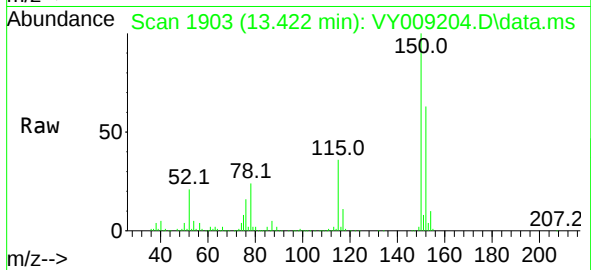
Acq: 16 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

CS-1



Tgt Ion:152 Resp: 167989

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 158.5 0.0 347.6

