

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008941.D
 Acq On : 21 May 2022 11:56
 Operator : KP/MD
 Sample : N2919-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-02

Quant Time: May 21 21:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

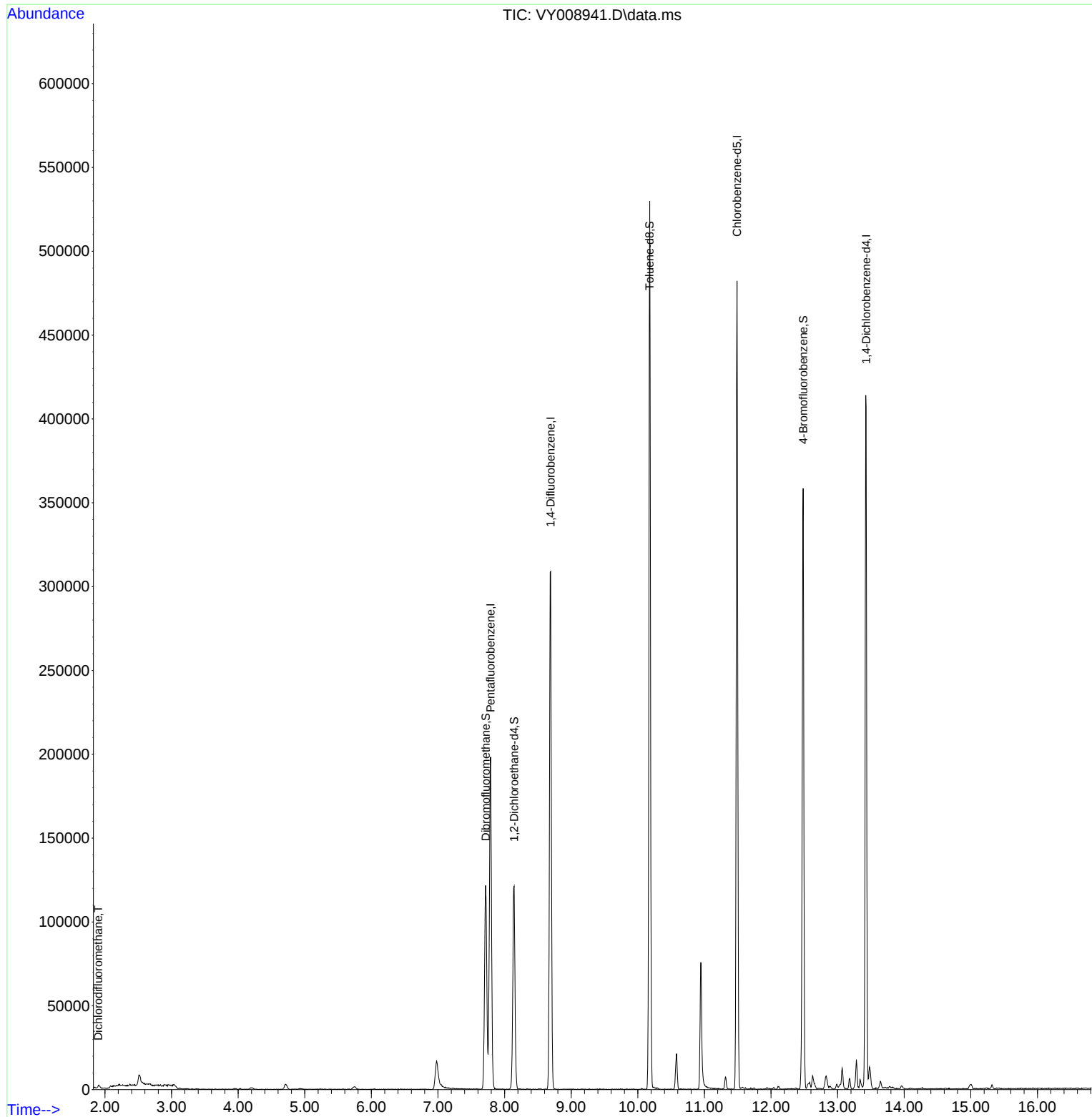
Internal Standards						
1) Pentafluorobenzene	7.789	168	149883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91015	59.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.716	113	82306	50.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.179	98	326070	53.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.483	95	95476	39.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	1382	1.008	ug/l	82

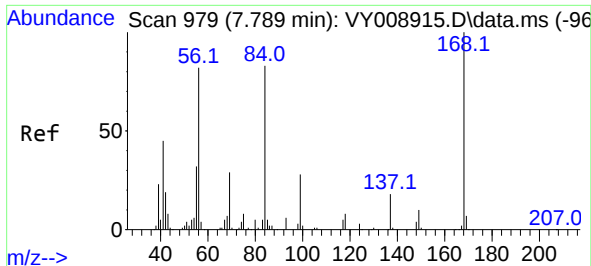
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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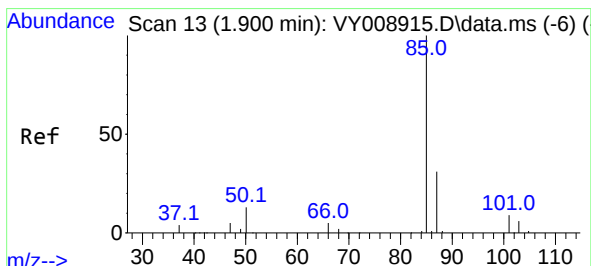
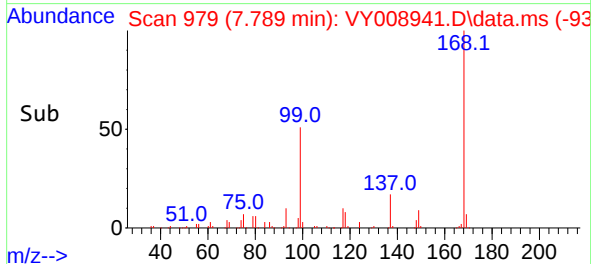
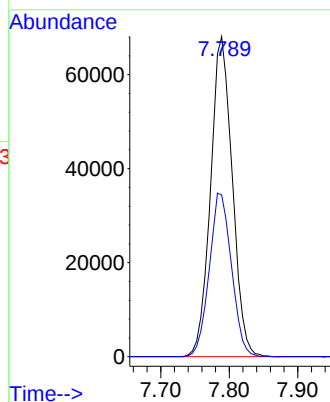
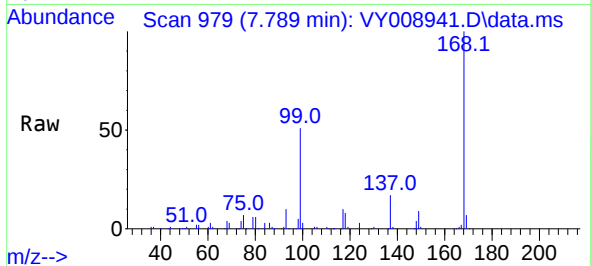




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

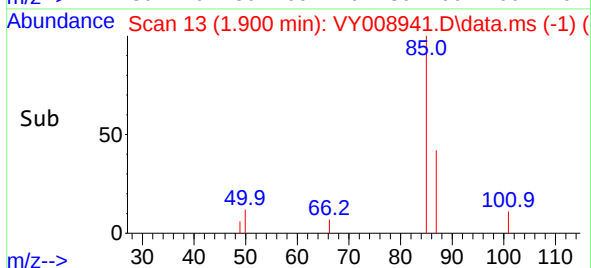
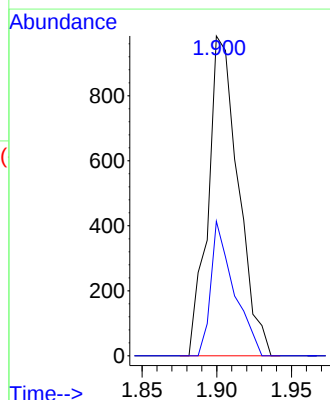
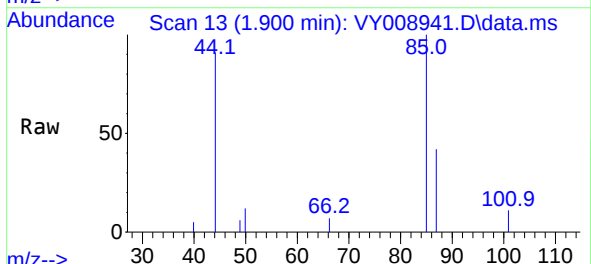
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

Tgt Ion:168 Resp: 149883
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.008 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 85 Resp: 1382
Ion Ratio Lower Upper
85 100
87 42.1 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 59.002 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008941.D

Acq: 21 May 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

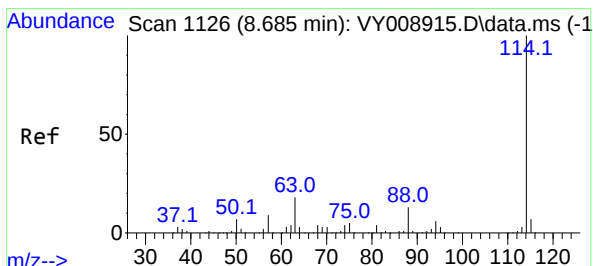
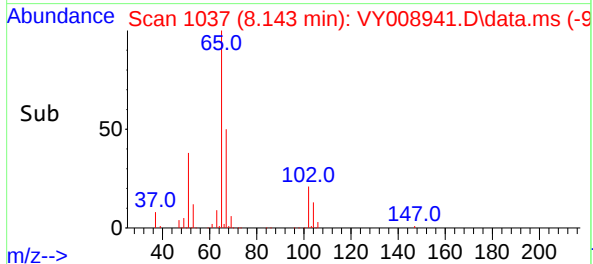
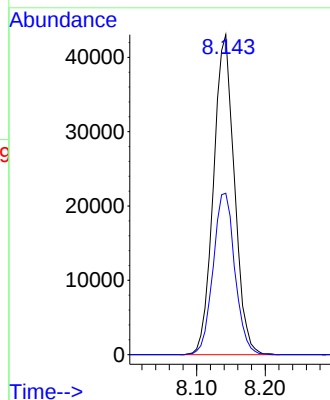
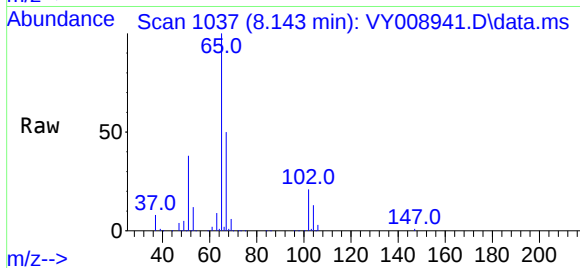
P015-SS002-0006-02

Tgt Ion: 65 Resp: 91015

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008941.D

Acq: 21 May 2022 11:56

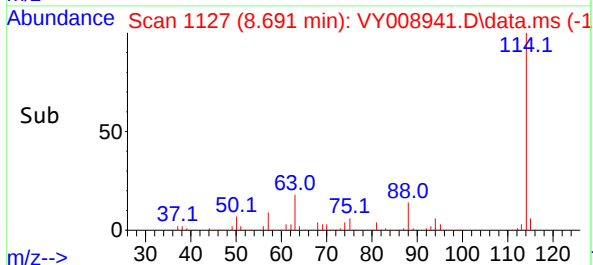
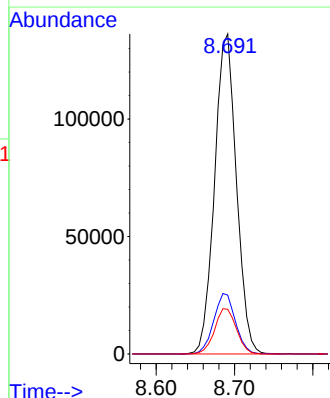
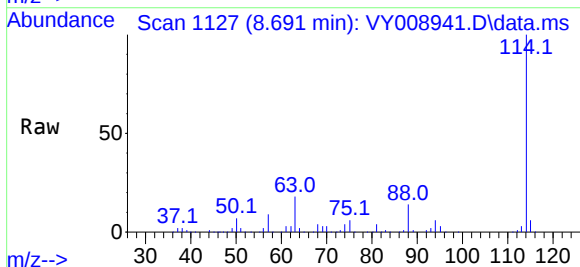
Tgt Ion: 114 Resp: 263890

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.9 0.0 31.8

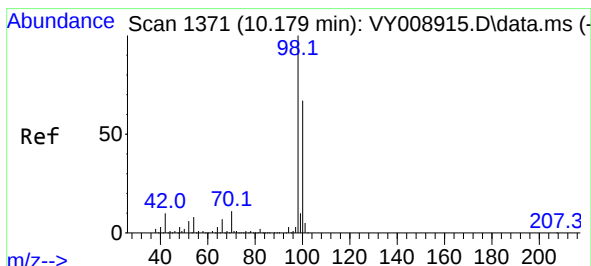
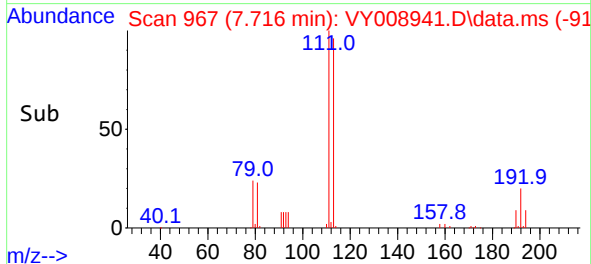
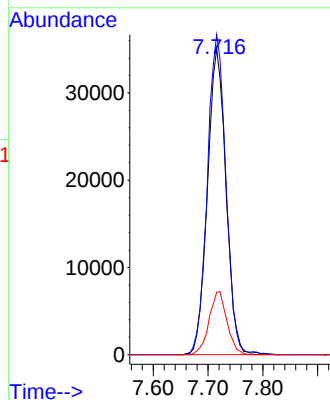
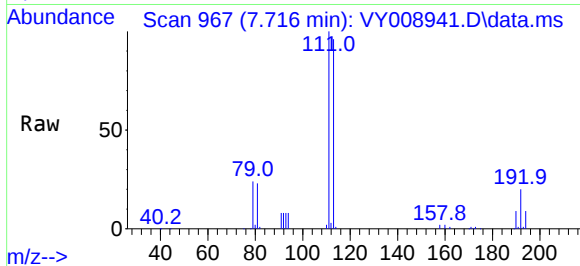




#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

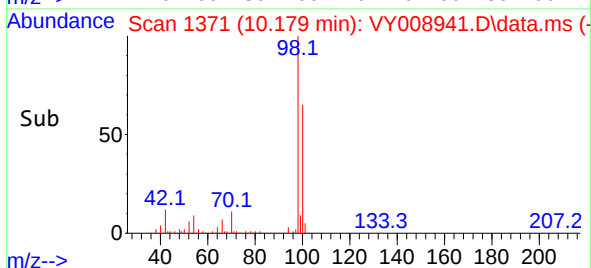
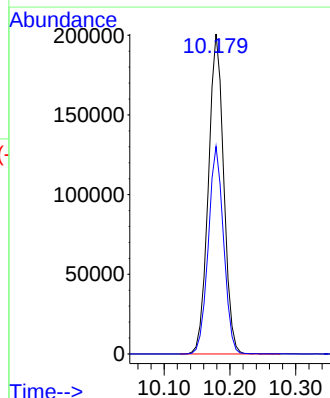
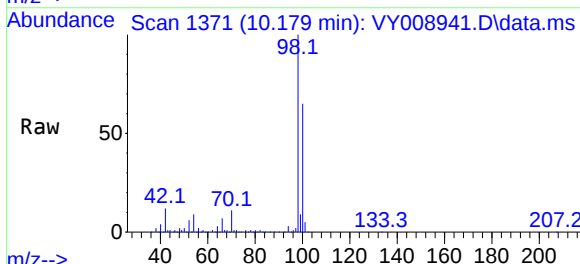
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

Tgt Ion:113 Resp: 82306
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 53.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 98 Resp: 326070
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

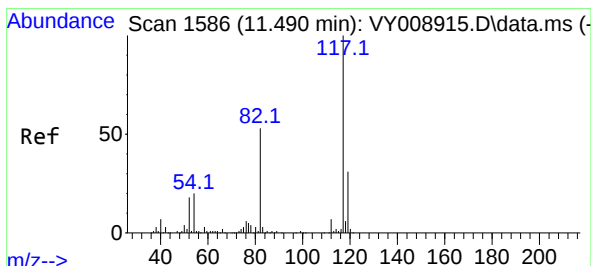
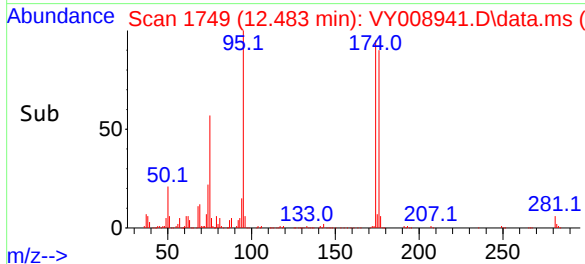
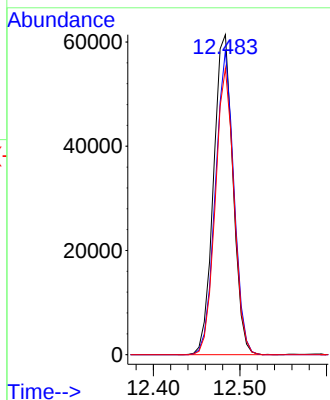
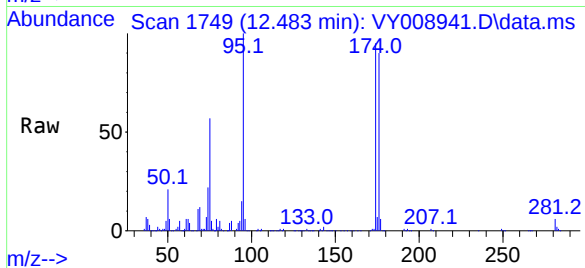




#62
4-Bromofluorobenzene
Concen: 39.097 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

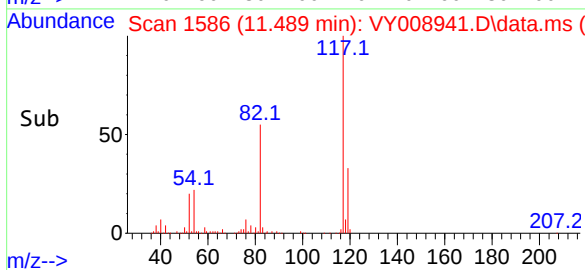
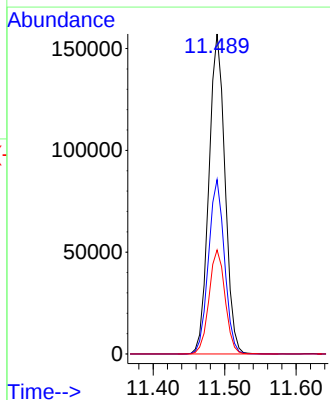
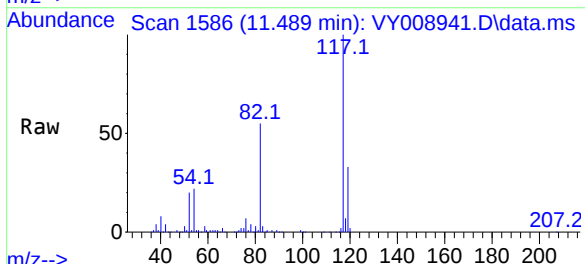
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

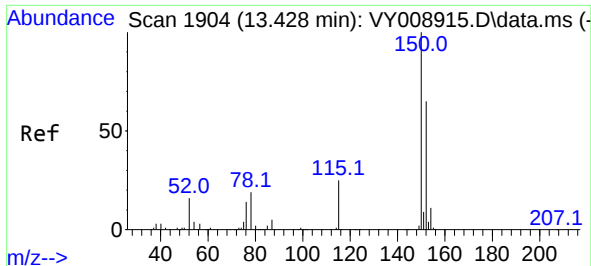
Tgt Ion: 95 Resp: 95476
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 86.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

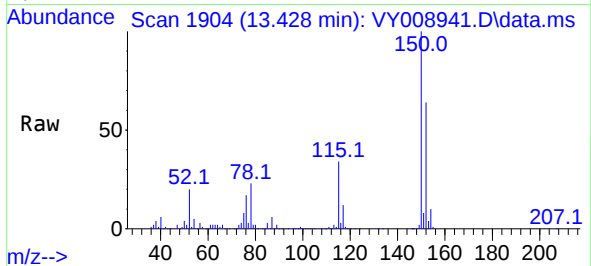
Tgt Ion: 117 Resp: 245708
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008941.D
 Acq: 21 May 2022 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-02



Tgt Ion:152 Resp: 102008
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 158.0 0.0 347.6

