

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009037.D
 Acq On : 24 May 2022 03:58
 Operator : KP/MD
 Sample : N2948-20
 Misc : 3.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01

Quant Time: May 24 07:48:19 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)

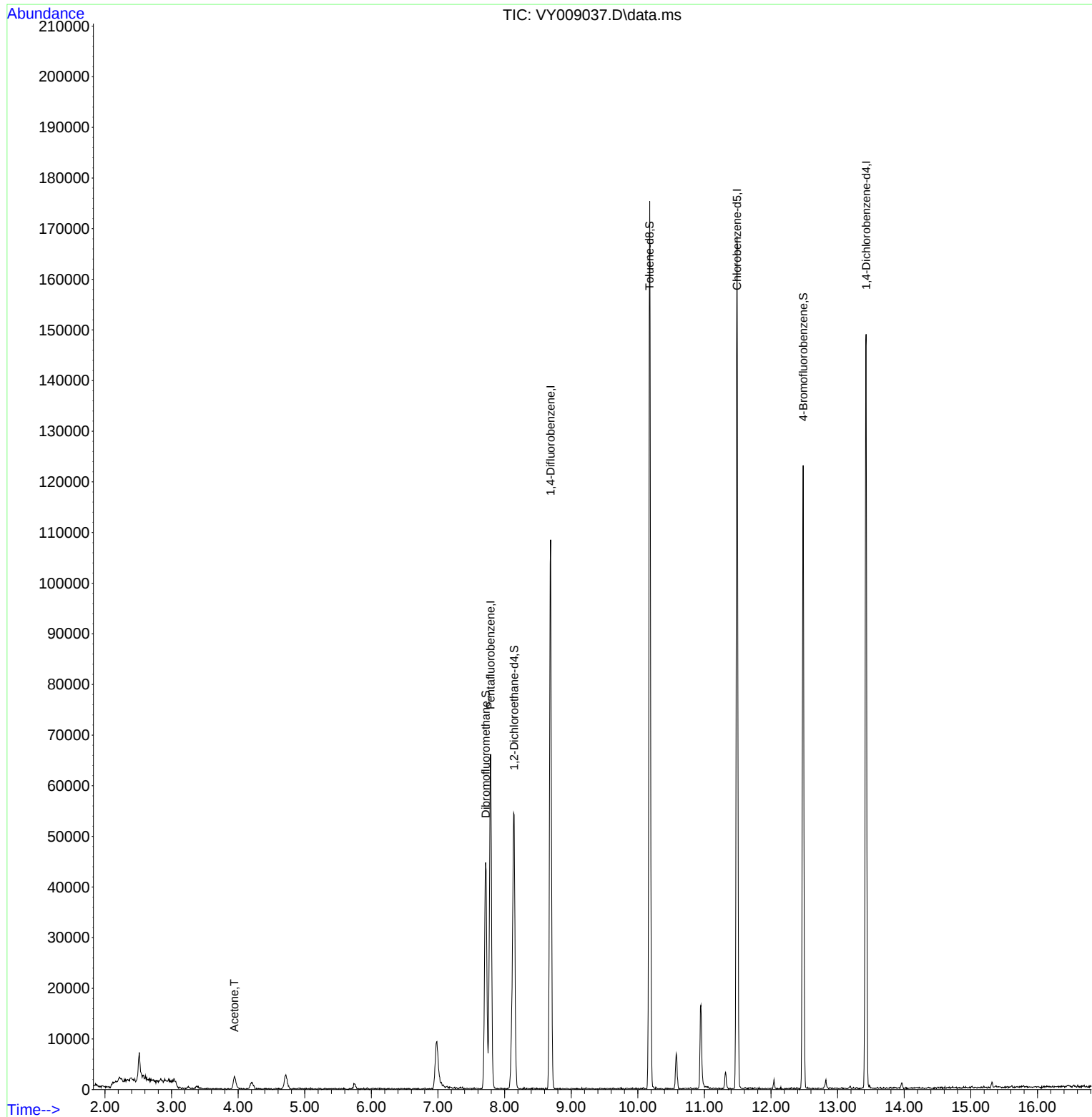
Internal Standards						
1) Pentafluorobenzene	7.789	168	49449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36784	72.278	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	144.560%	
35) Dibromofluoromethane	7.716	113	30607	55.749	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.500%	
50) Toluene-d8	10.179	98	109757	54.191	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.380%	
62) 4-Bromofluorobenzene	12.483	95	31864	39.000	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	78.000%	
Target Compounds						
16) Acetone	3.942	43	4521	42.677	ug/l	Qvalue 99

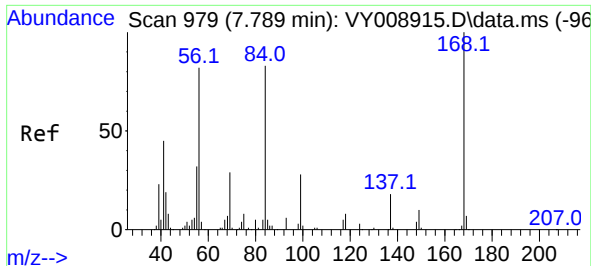
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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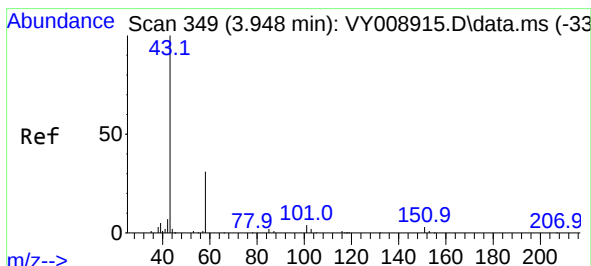
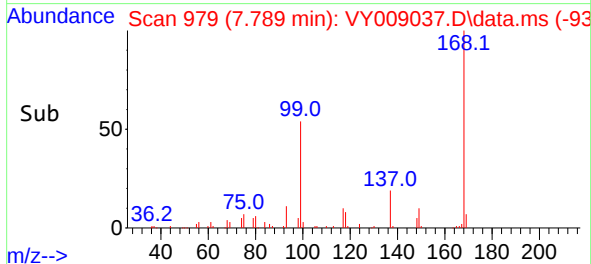
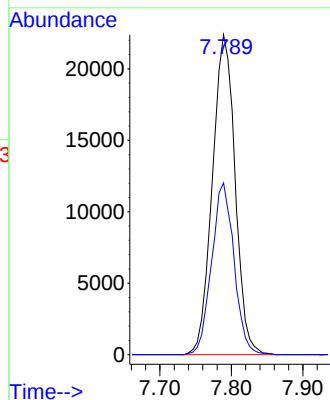
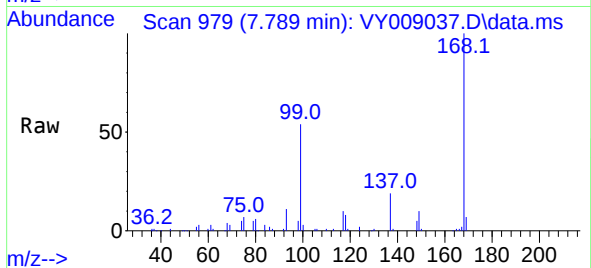




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

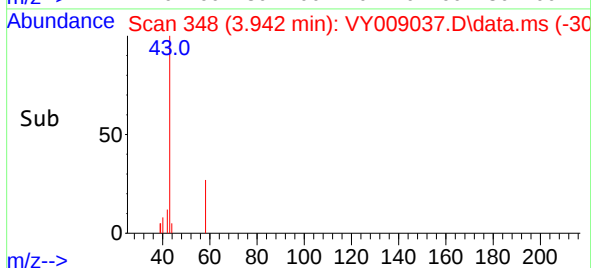
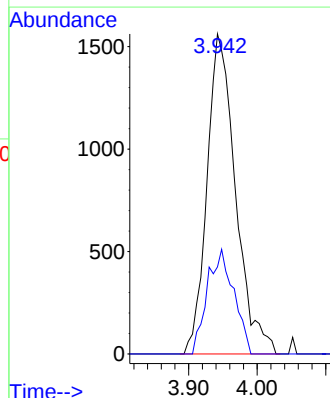
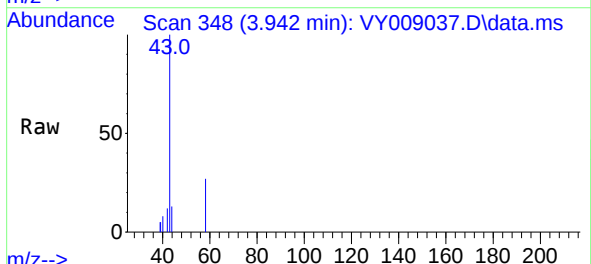
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

Tgt Ion:168 Resp: 49449
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 42.677 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 72.278 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY009037.D

Acq: 24 May 2022 03:58

Instrument :

MSVOA_Y

ClientSampleId :

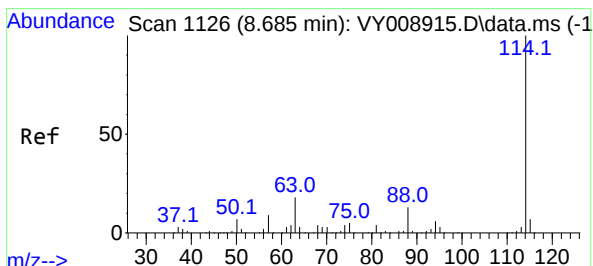
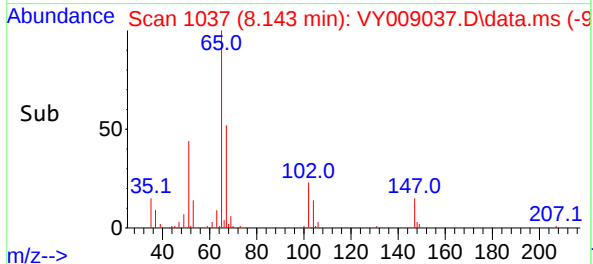
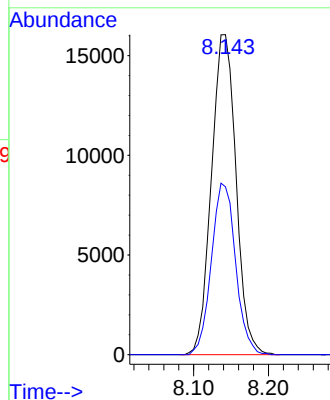
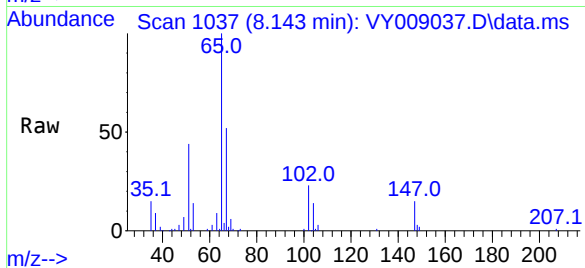
P036-SS001-2430-01

Tgt Ion: 65 Resp: 36784

Ion Ratio Lower Upper

65 100

67 52.6 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: VY009037.D

Acq: 24 May 2022 03:58

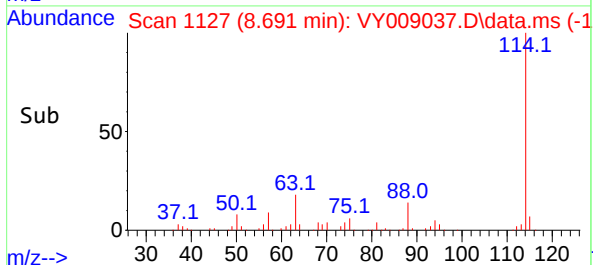
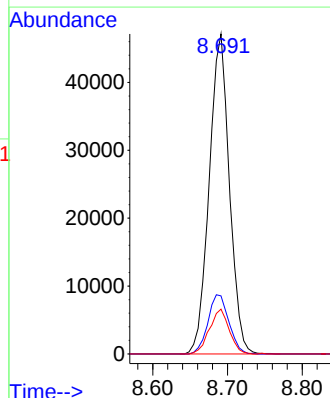
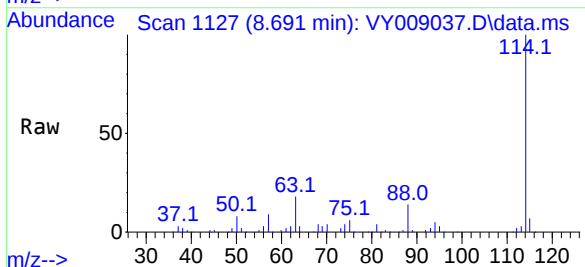
Tgt Ion: 114 Resp: 88288

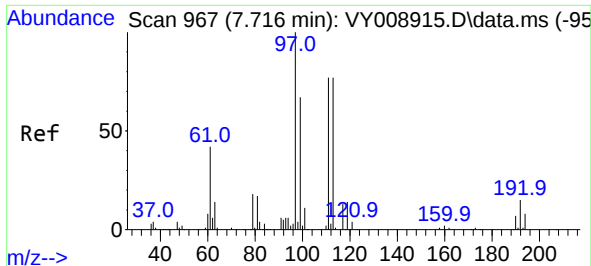
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.0 0.0 31.8

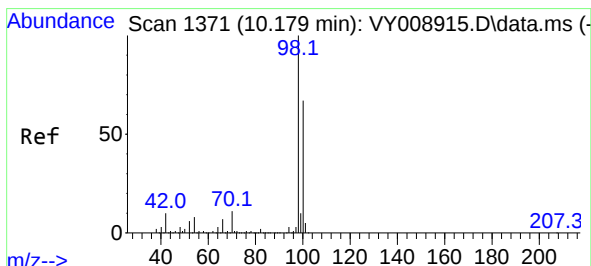
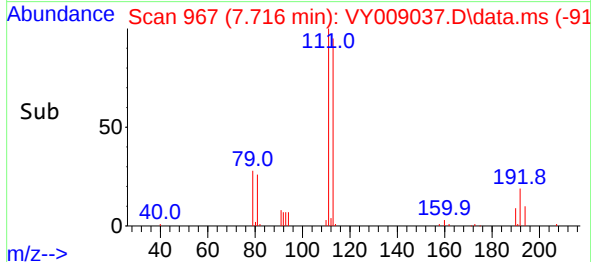
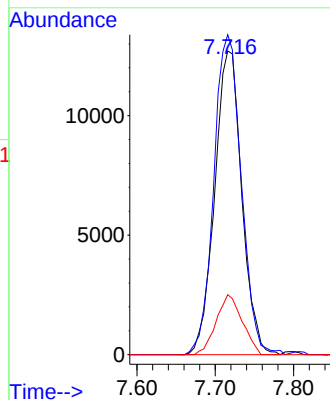
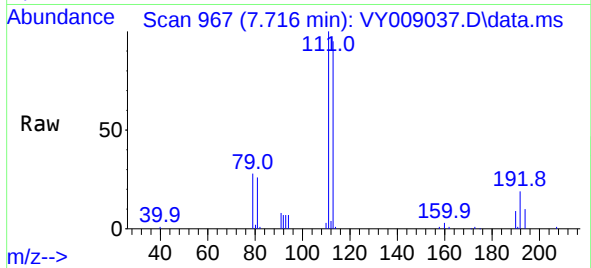




#35
Dibromofluoromethane
Concen: 55.749 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

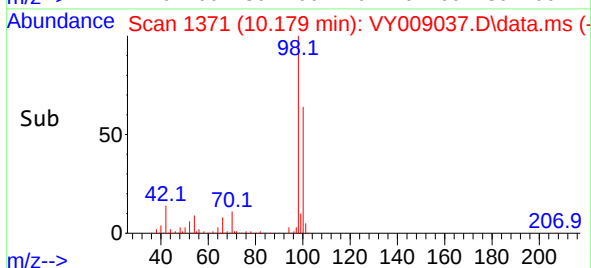
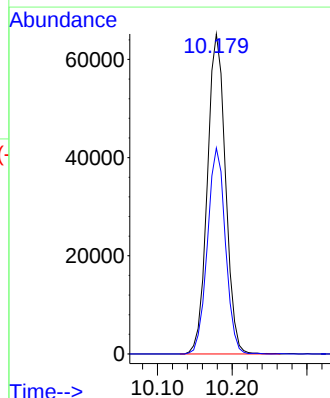
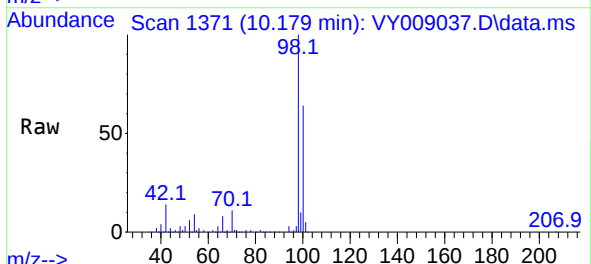
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

Tgt Ion:113 Resp: 30607
Ion Ratio Lower Upper
113 100
111 106.3 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 54.191 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 98 Resp: 109757
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

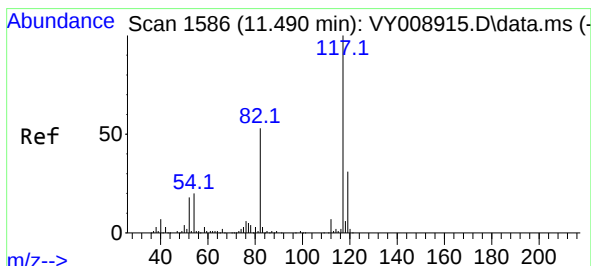
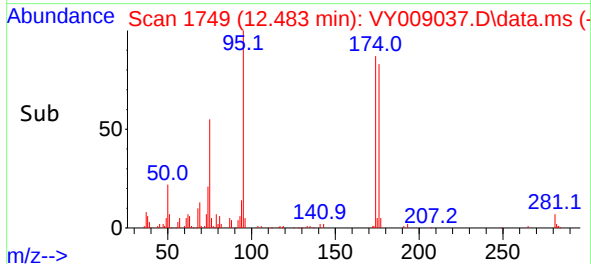
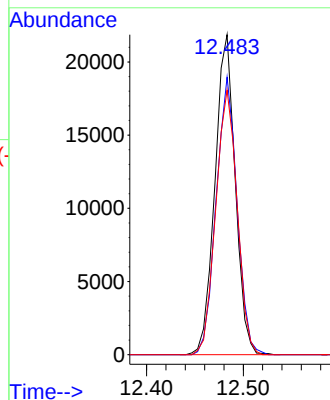
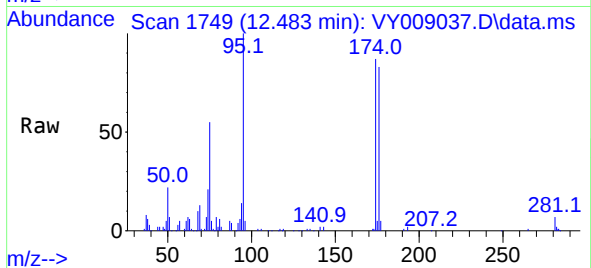




#62
4-Bromofluorobenzene
Concen: 39.000 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

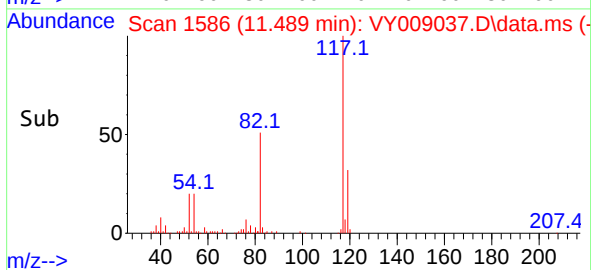
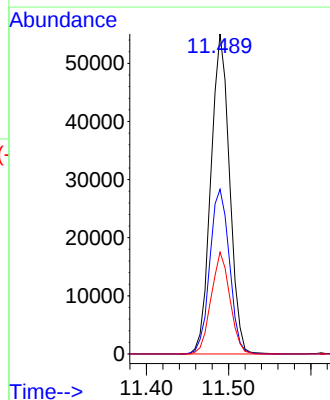
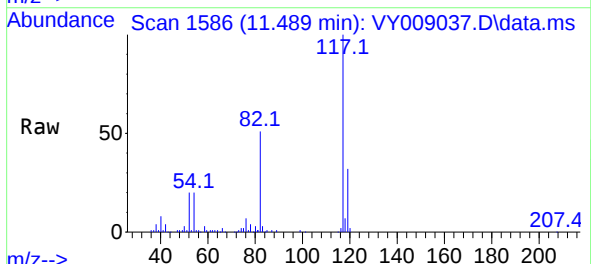
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

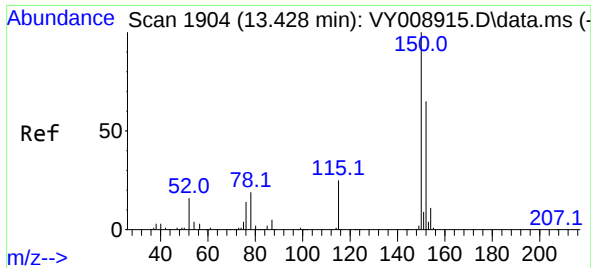
Tgt Ion: 95 Resp: 31864
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

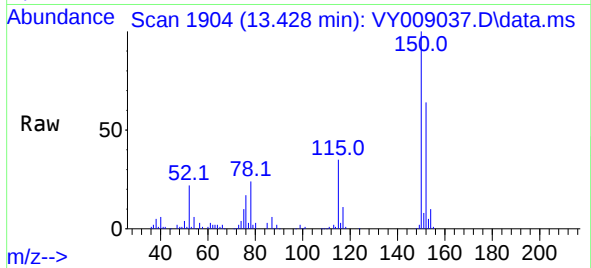
Tgt Ion: 117 Resp: 87052
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009037.D
 Acq: 24 May 2022 03:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01



Tgt Ion:152 Resp: 36384
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 153.9 0.0 347.6

