

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009034.D
 Acq On : 24 May 2022 02:47
 Operator : KP/MD
 Sample : N2948-17
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-02

Quant Time: May 24 03:18:55 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)

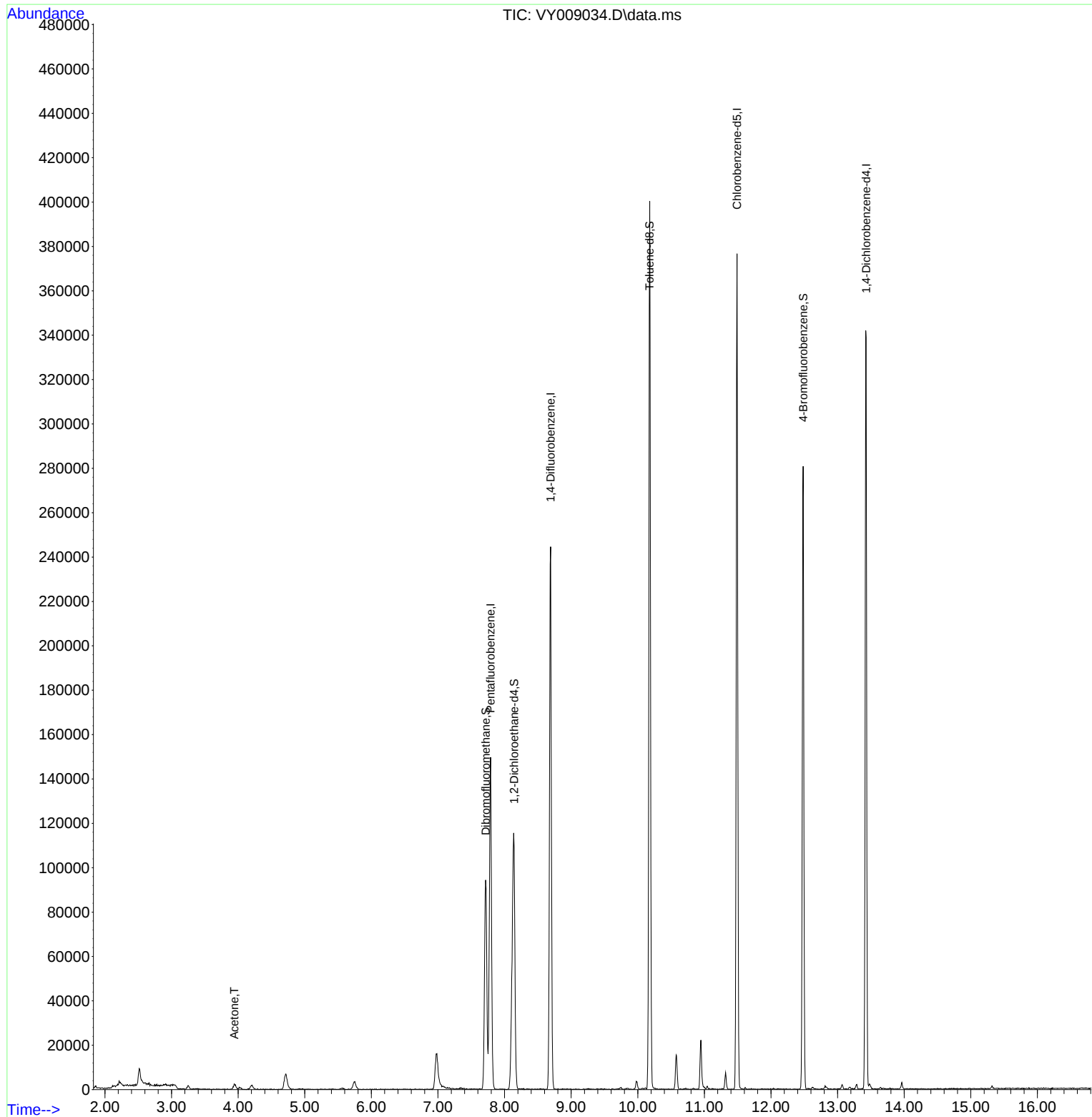
Internal Standards						
1) Pentafluorobenzene	7.789	168	110559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72638	63.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.680%
35) Dibromofluoromethane	7.716	113	65728	51.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.179	98	252933	53.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.660%
62) 4-Bromofluorobenzene	12.483	95	72890	38.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.920%
Target Compounds						
16) Acetone	3.942	43	4051	17.103	ug/l	Qvalue 95

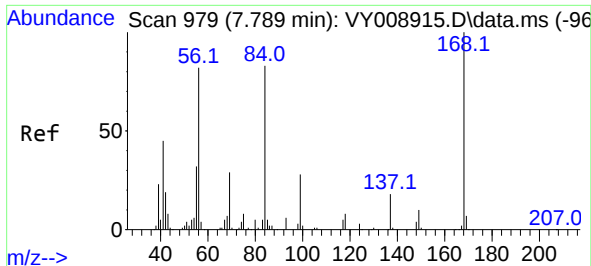
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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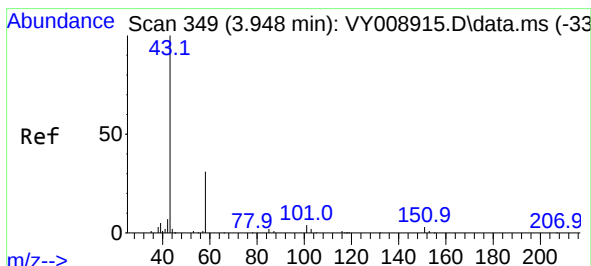
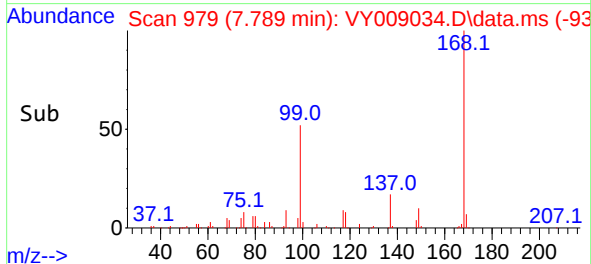
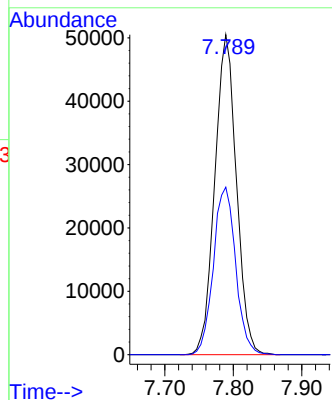
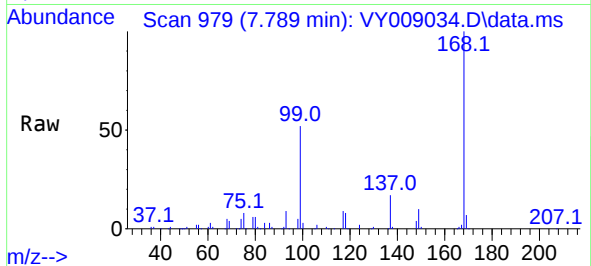




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

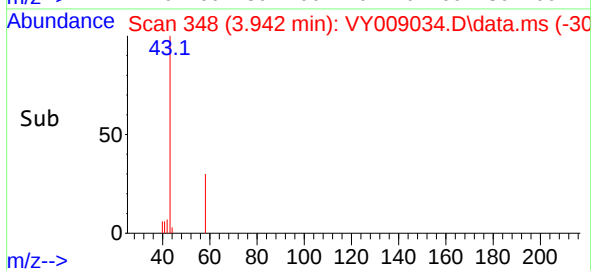
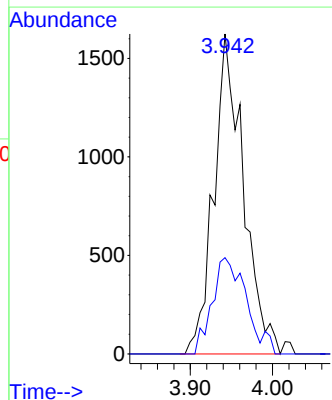
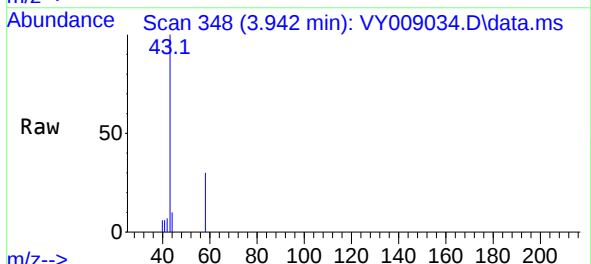
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

Tgt Ion:168 Resp: 110559
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#16
Acetone
Concen: 17.103 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 43 Resp: 4051
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 63.838 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

Instrument :

MSVOA_Y

ClientSampleId :

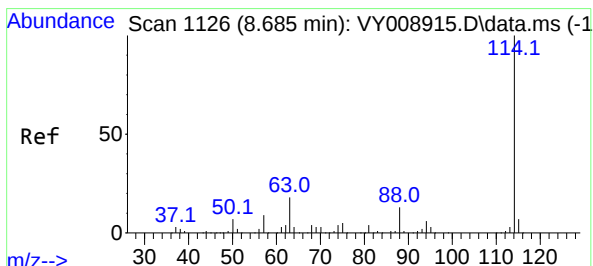
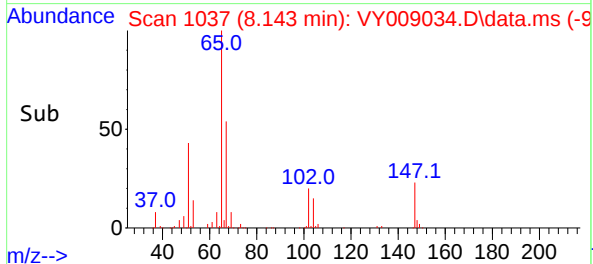
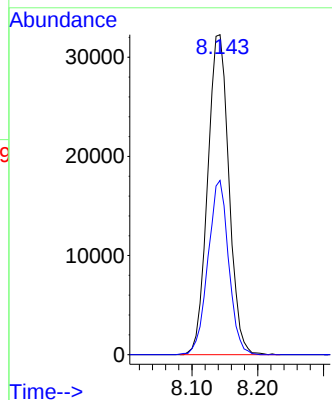
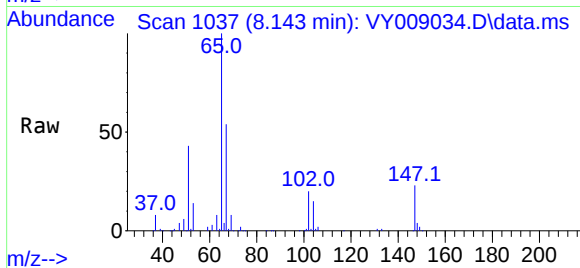
P036-SS001-0612-02

Tgt Ion: 65 Resp: 72638

Ion Ratio Lower Upper

65 100

67 53.0 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: VY009034.D

Acq: 24 May 2022 02:47

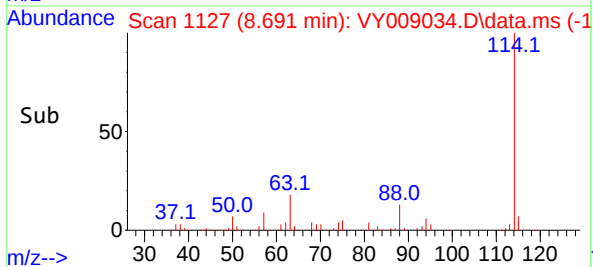
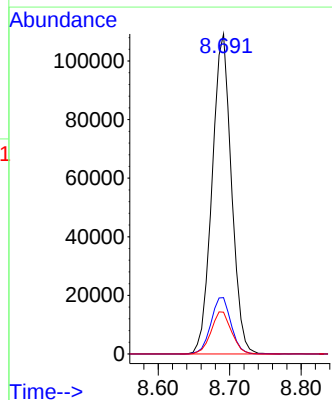
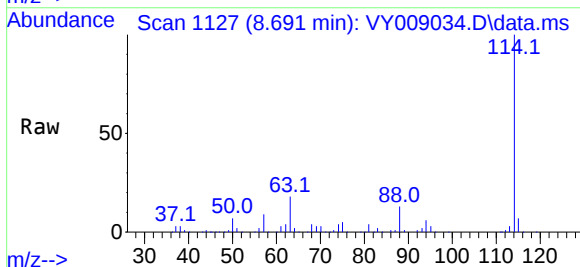
Tgt Ion: 114 Resp: 204805

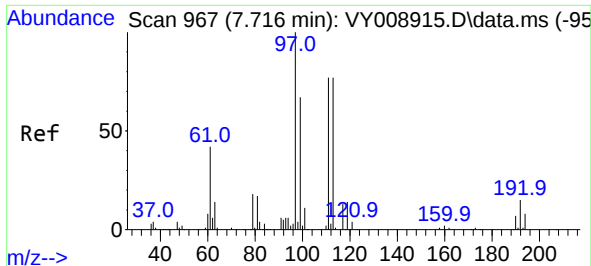
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.0 0.0 31.8

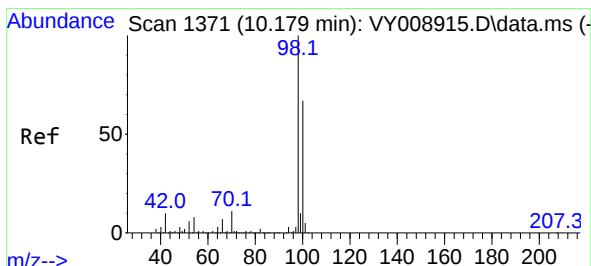
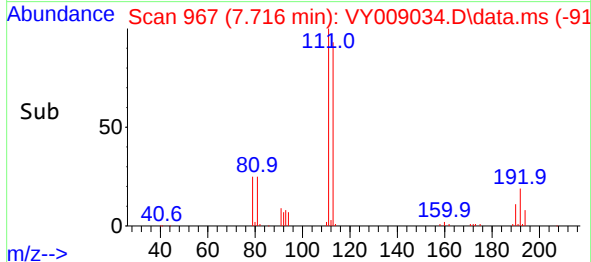
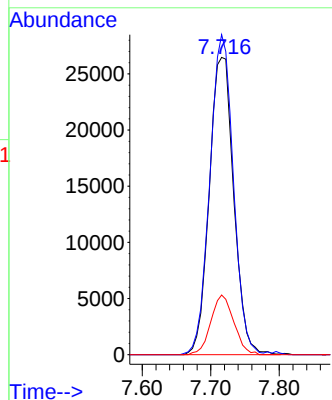
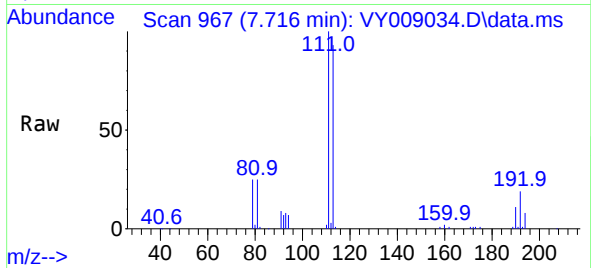




#35
Dibromofluoromethane
Concen: 51.610 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

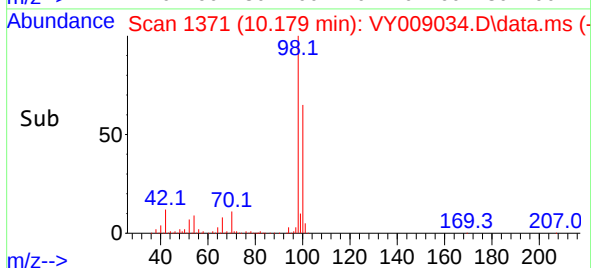
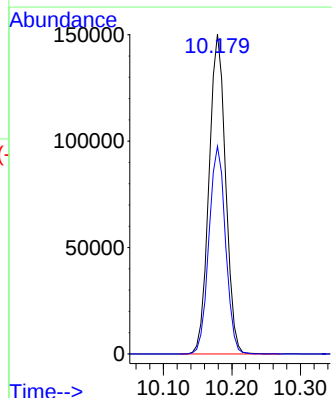
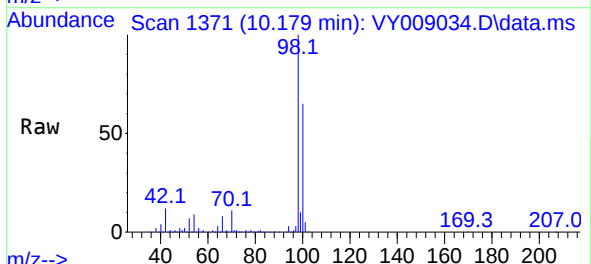
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

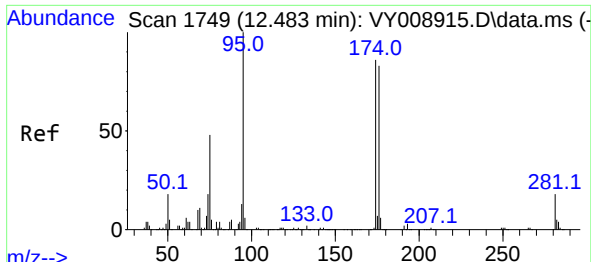
Tgt Ion:113 Resp: 65728
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 53.834 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 98 Resp: 252933
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

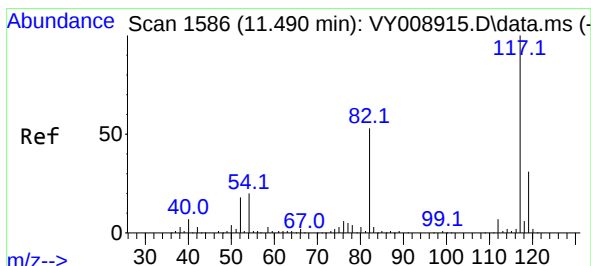
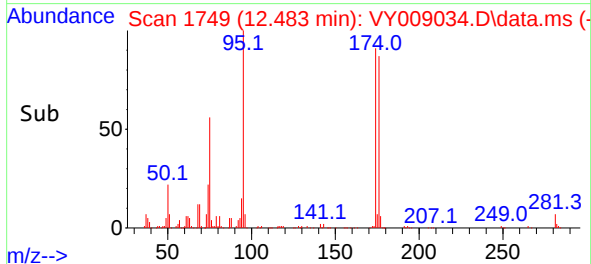
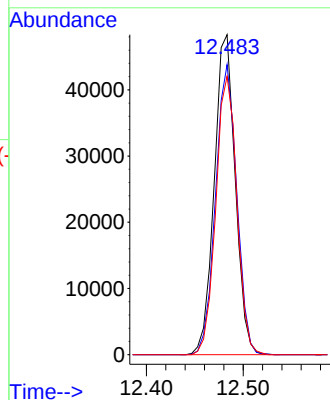
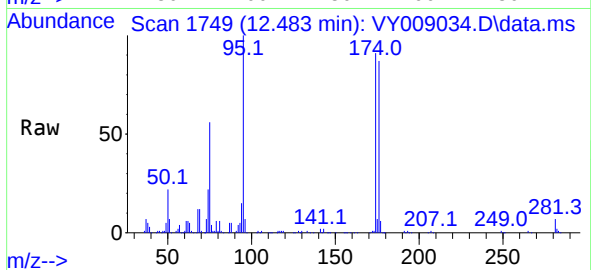




#62
4-Bromofluorobenzene
Concen: 38.459 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

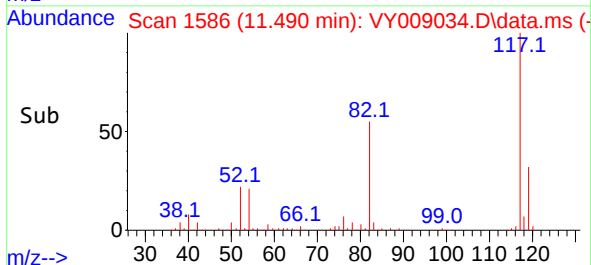
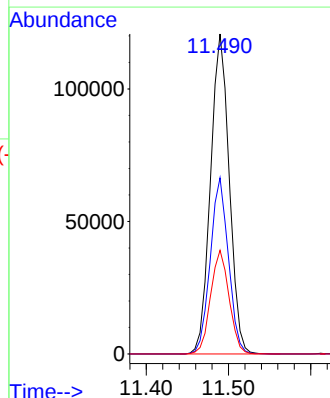
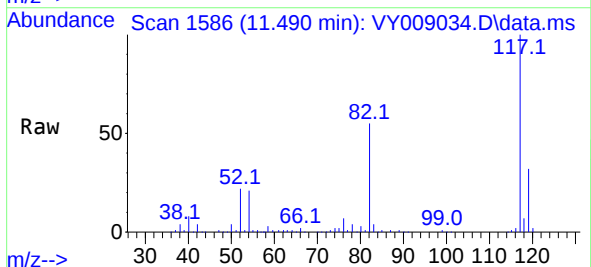
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

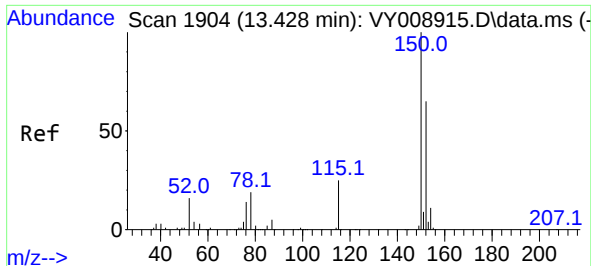
Tgt Ion: 95 Resp: 72890
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

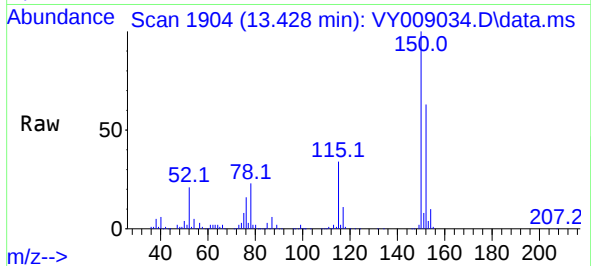
Tgt Ion: 117 Resp: 190981
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009034.D
 Acq: 24 May 2022 02:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-02



Tgt Ion:	152	Resp:	83946
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	157.4	0.0	347.6

