

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007554.D
 Acq On : 18 Feb 2022 18:48
 Operator : SY/MD
 Sample : N1600-07
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA8

Quant Time: Feb 19 04:36:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

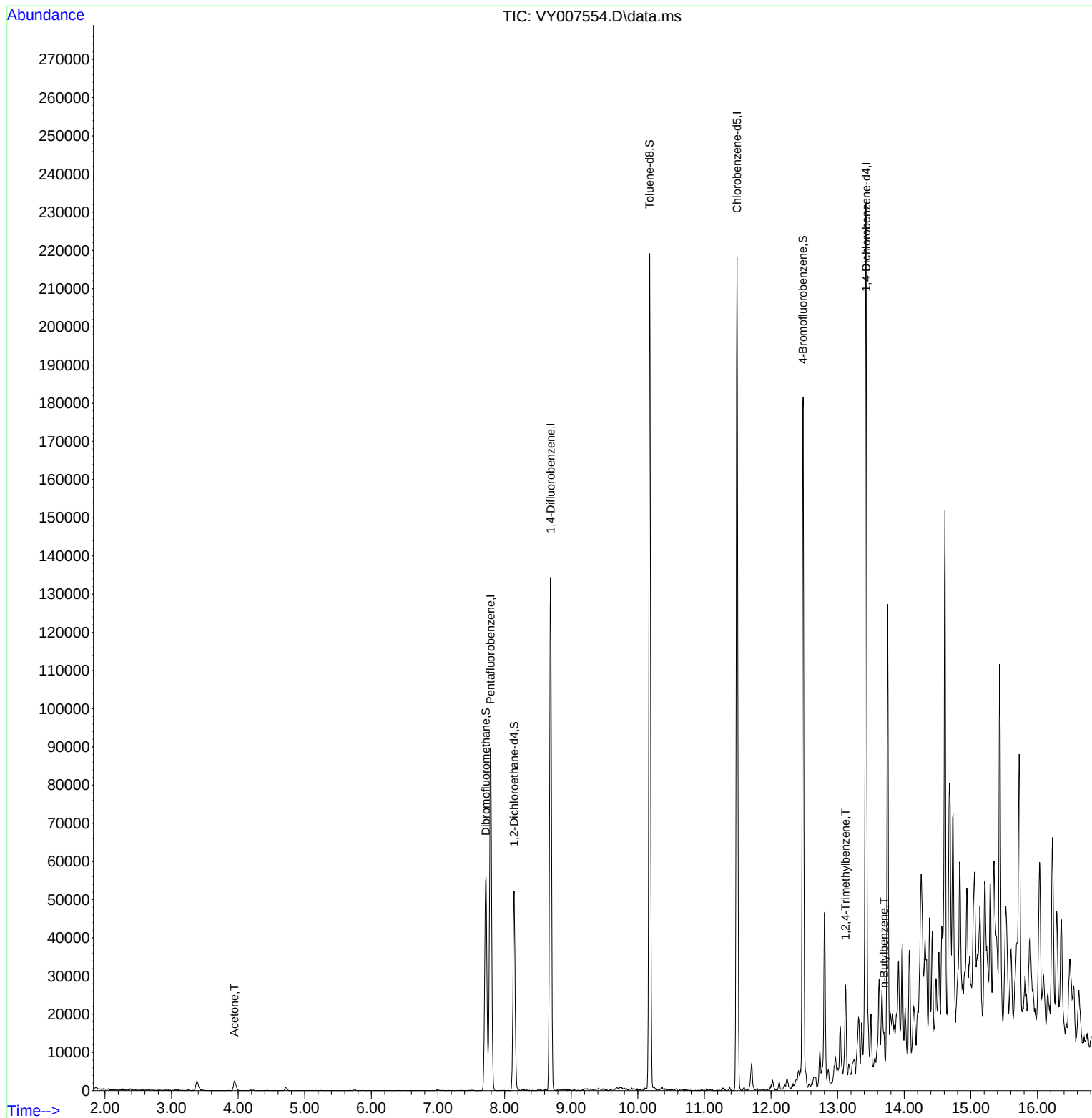
Internal Standards						
1) Pentafluorobenzene	7.789	168	66871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40924	55.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.86%
35) Dibromofluoromethane	7.716	113	38889	53.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.26%
50) Toluene-d8	10.179	98	143057	51.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.92%
62) 4-Bromofluorobenzene	12.477	95	53614	56.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.76%
Target Compounds						
16) Acetone	3.942	43	4747	24.23	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	12954	3.32	ug/l	97
89) n-Butylbenzene	13.696	91	5452	1.34	ug/l #	73

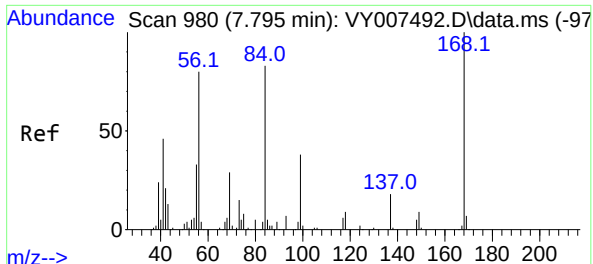
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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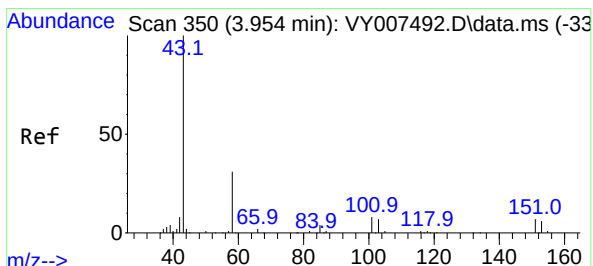
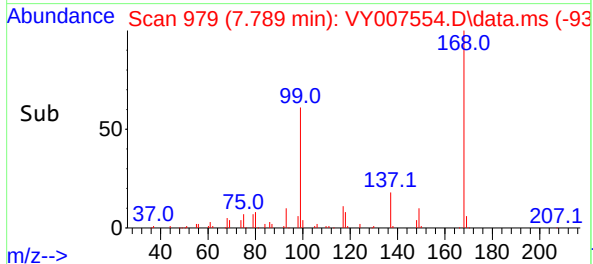
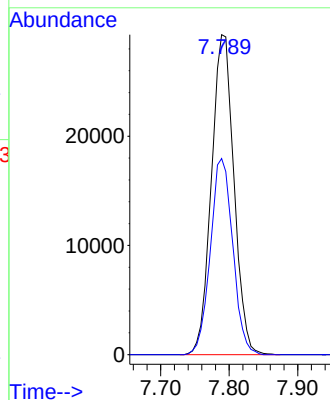
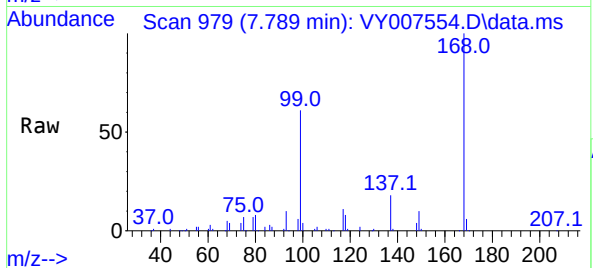




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

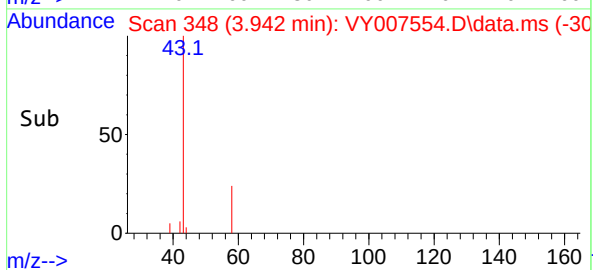
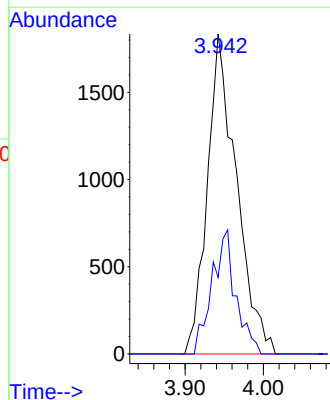
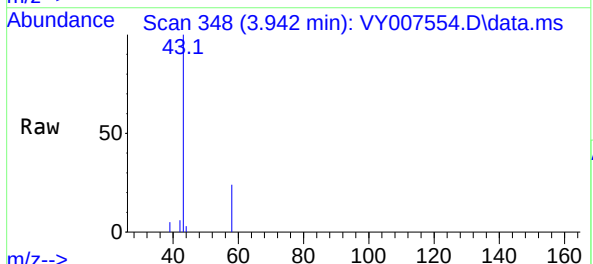
Instrument :
MSVOA_Y
ClientSampleId :
C0AA8

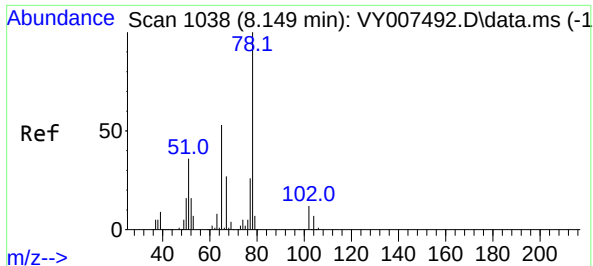
Tgt Ion:168 Resp: 66871
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#16
Acetone
Concen: 24.23 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

Tgt Ion: 43 Resp: 4747
Ion Ratio Lower Upper
43 100
58 24.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.43 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007554.D

Acq: 18 Feb 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

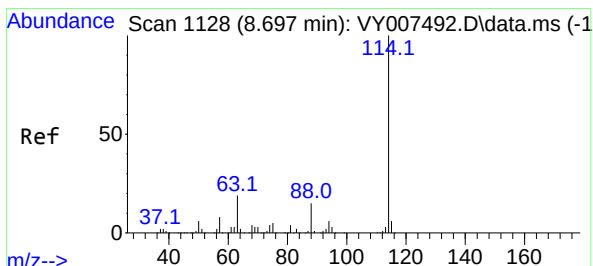
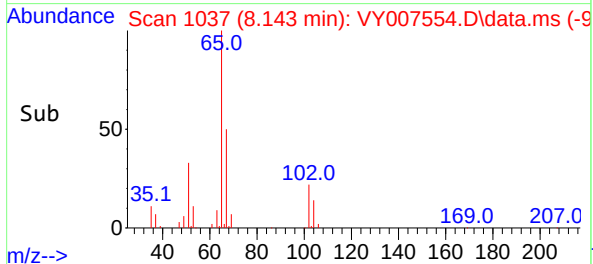
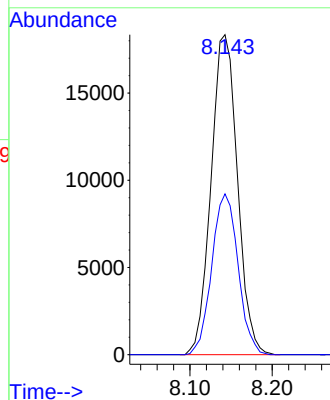
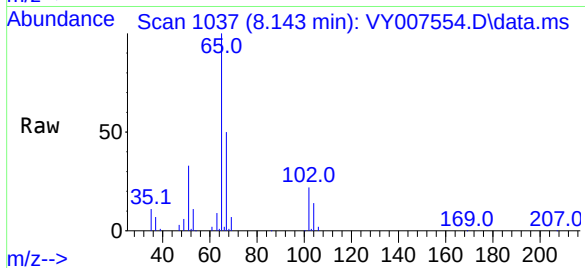
C0AA8

Tgt Ion: 65 Resp: 40924

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007554.D

Acq: 18 Feb 2022 18:48

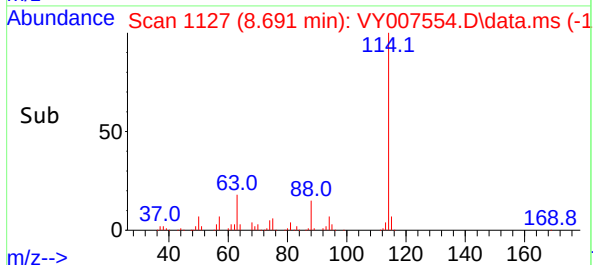
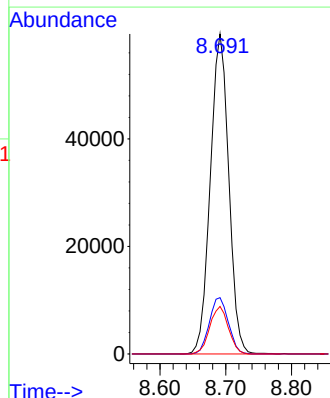
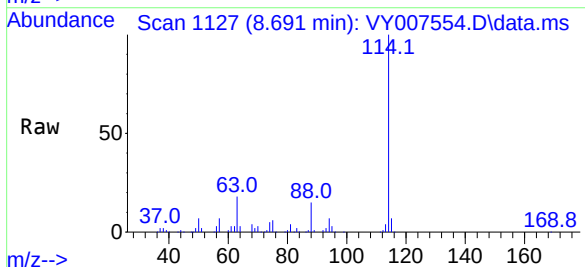
Tgt Ion: 114 Resp: 116058

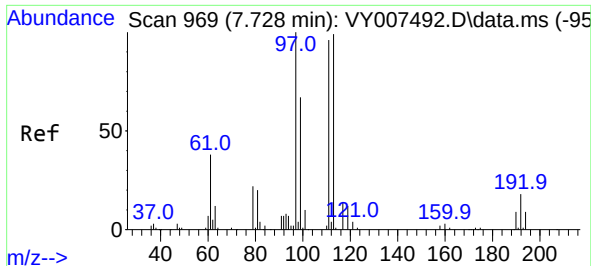
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8

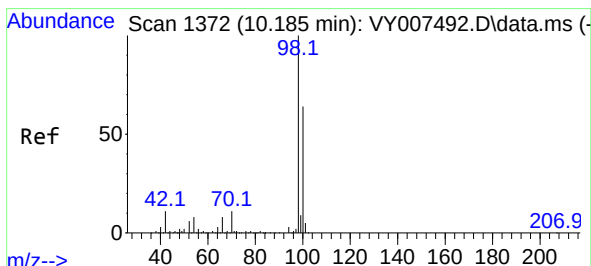
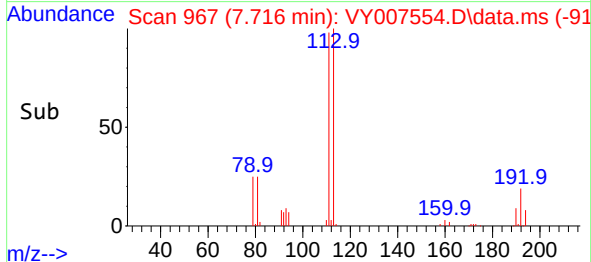
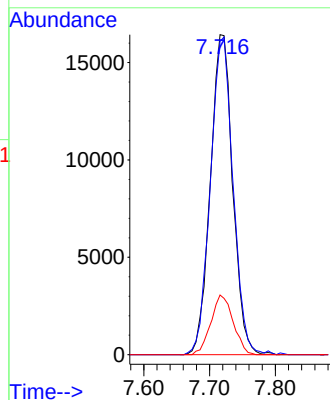
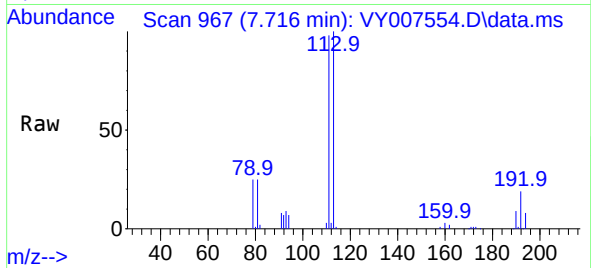




#35
Dibromofluoromethane
Concen: 53.13 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

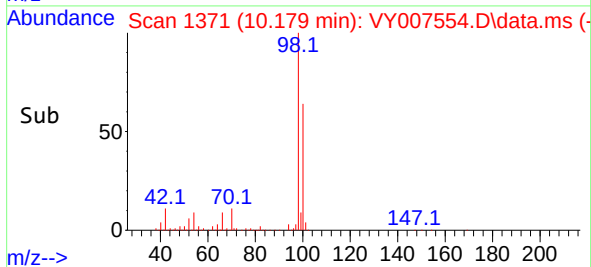
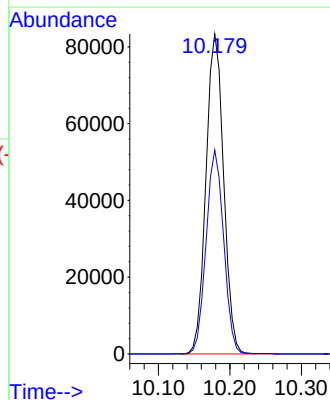
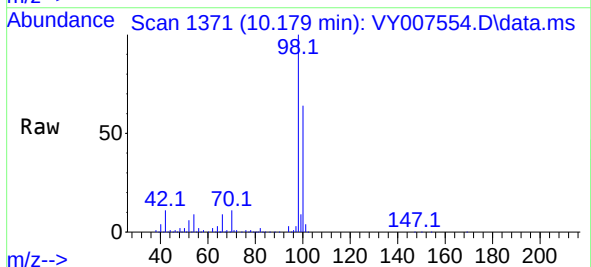
Instrument :
MSVOA_Y
ClientSampleId :
C0AA8

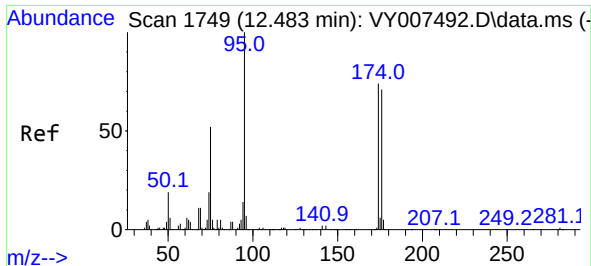
Tgt Ion:113 Resp: 38889
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 18.6 17.6 26.4



#50
Toluene-d8
Concen: 51.46 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

Tgt Ion: 98 Resp: 143057
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

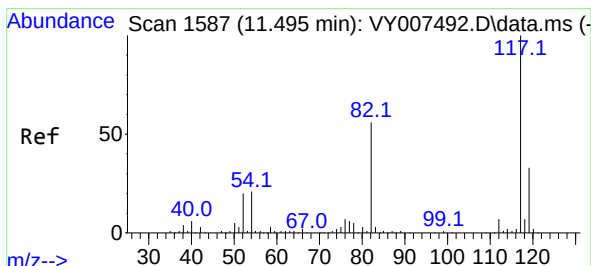
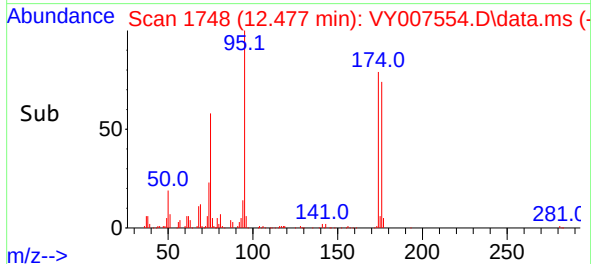
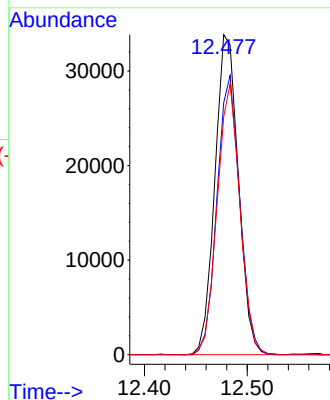
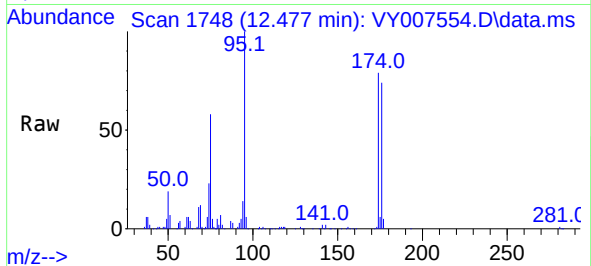




#62
4-Bromofluorobenzene
Concen: 56.88 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

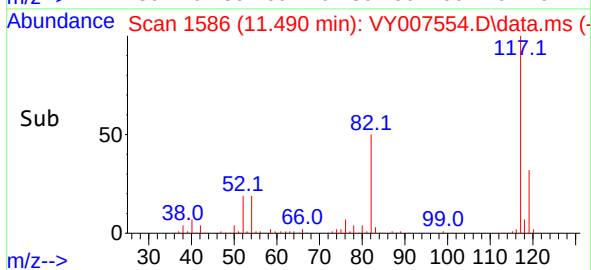
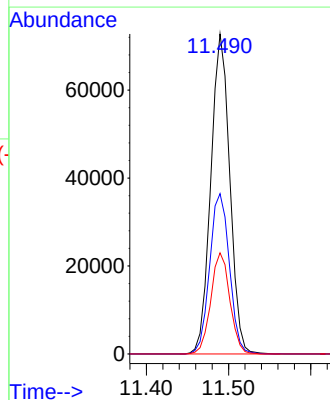
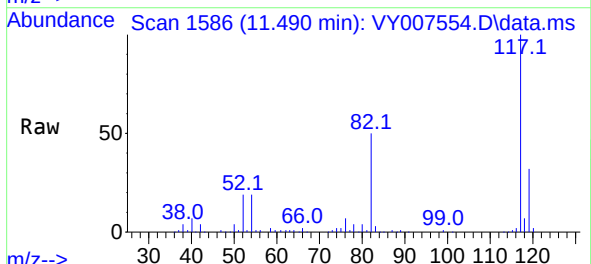
Instrument :
MSVOA_Y
ClientSampleId :
C0AA8

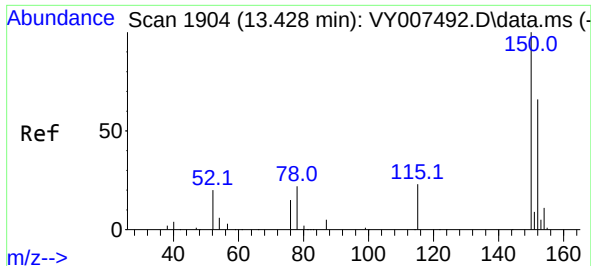
Tgt Ion:	95	Resp:	53614
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	177.0
176	82.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

Tgt Ion:	117	Resp:	116630
Ion	Ratio	Lower	Upper
117	100		
82	50.1	43.0	64.4
119	31.6	25.4	38.0

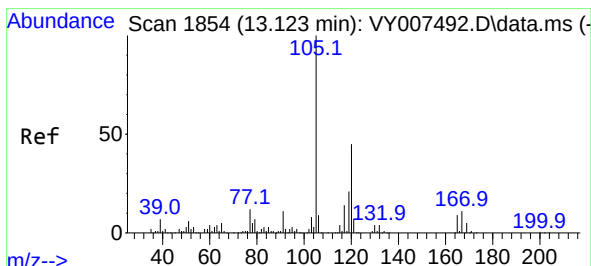
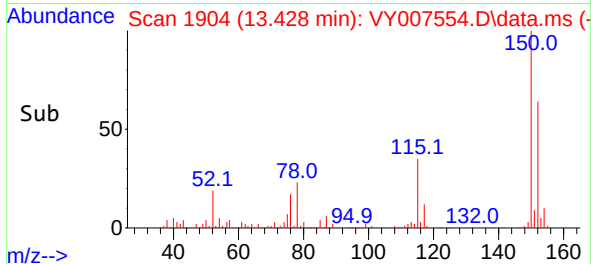
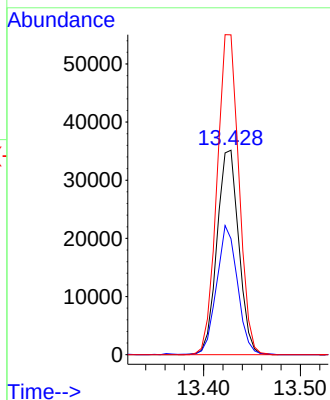
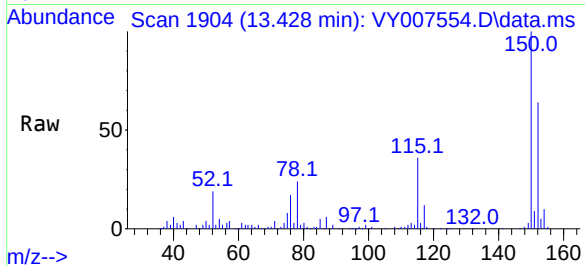




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

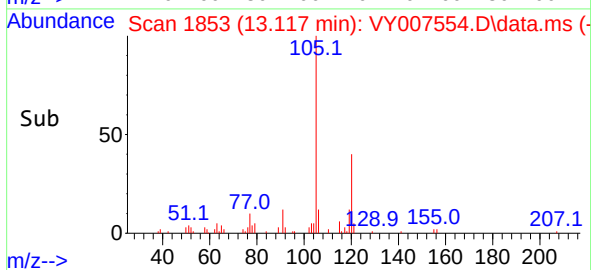
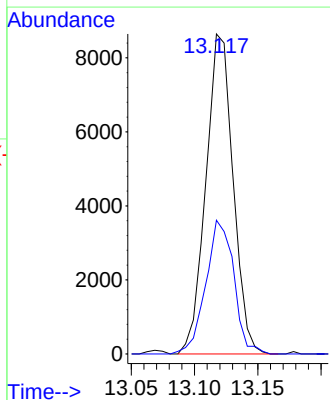
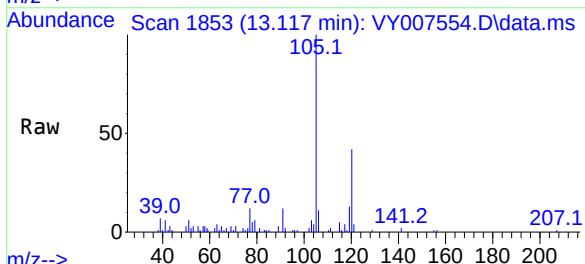
Instrument :
MSVOA_Y
ClientSampleId :
C0AA8

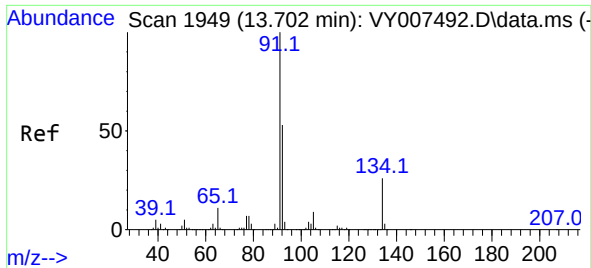
Tgt Ion:152 Resp: 54900
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 157.2 0.0 347.6



#84
1,2,4-Trimethylbenzene
Concen: 3.32 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007554.D
Acq: 18 Feb 2022 18:48

Tgt Ion:105 Resp: 12954
Ion Ratio Lower Upper
105 100
120 42.9 22.3 66.9





#89
 n-Butylbenzene
 Concen: 1.34 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY007554.D
 Acq: 18 Feb 2022 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA8

Tgt Ion: 91 Resp: 5452
 Ion Ratio Lower Upper
 91 100
 92 42.2 26.3 78.9
 134 0.0 13.0 38.9#

