

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007906.D
 Acq On : 18 Mar 2022 16:44
 Operator : SY/MD
 Sample : N1951-08
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-13-(20-25)-3-12-22

Quant Time: Mar 19 01:37:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

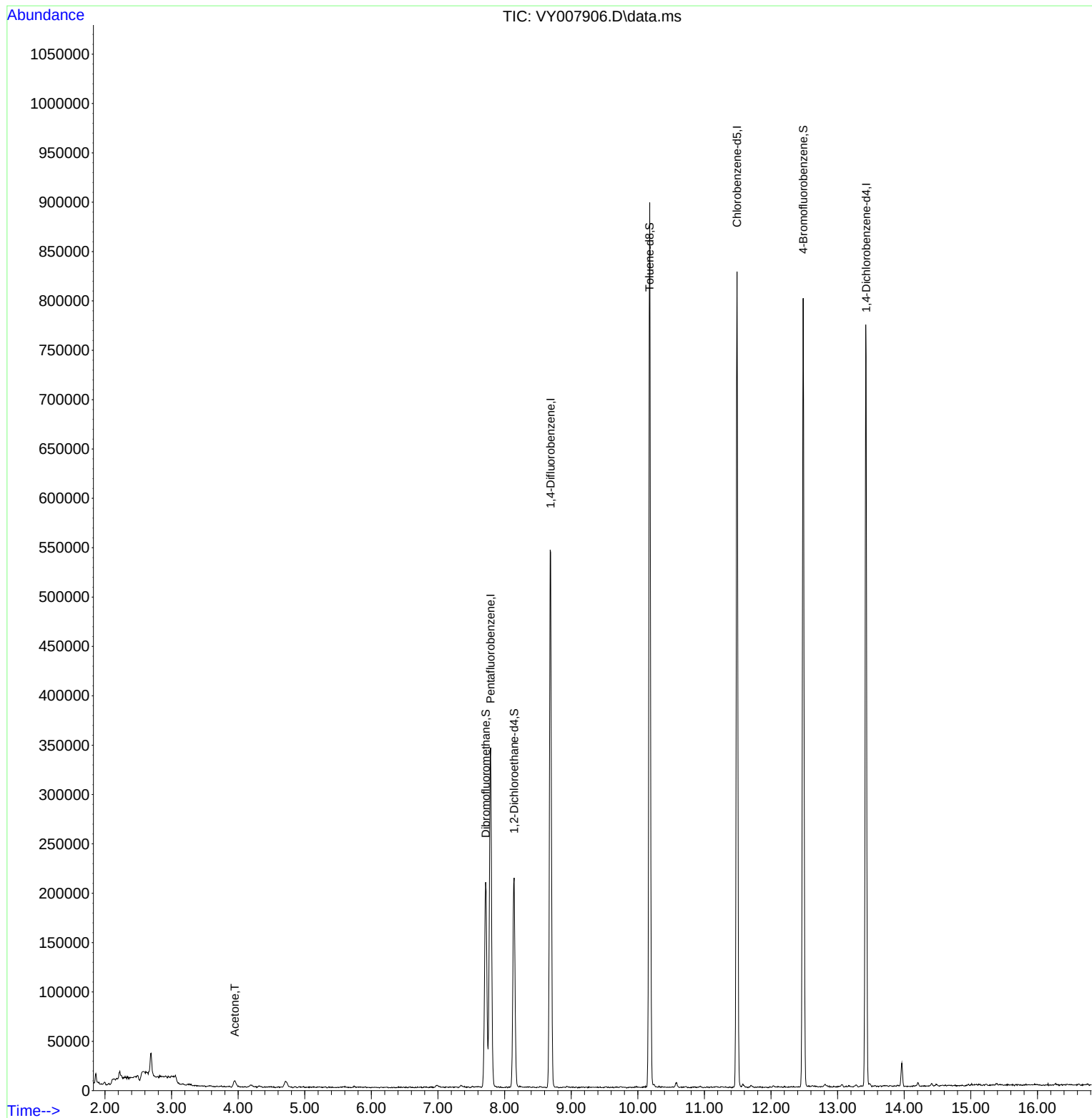
Internal Standards						
1) Pentafluorobenzene	7.789	168	265865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	483769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	447704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162312	53.544	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.080%		
35) Dibromofluoromethane	7.716	113	154367	45.436	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 90.880%		
50) Toluene-d8	10.179	98	581072	57.529	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.060%		
62) 4-Bromofluorobenzene	12.483	95	207614	42.579	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 85.160%		
Target Compounds						
16) Acetone	3.948	43	11425	14.207	ug/l	Qvalue # 73

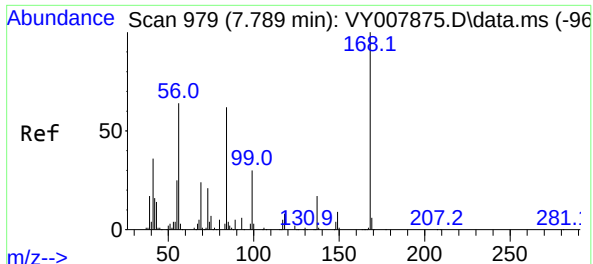
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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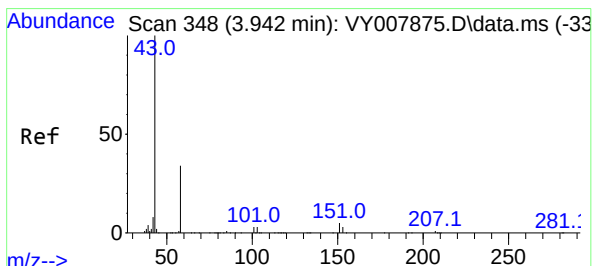
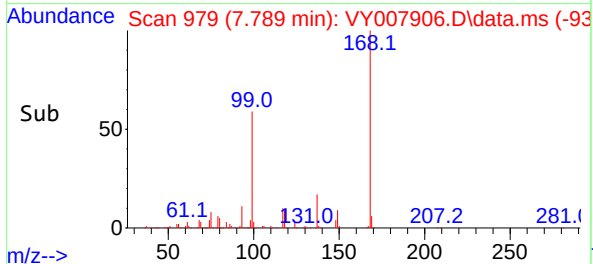
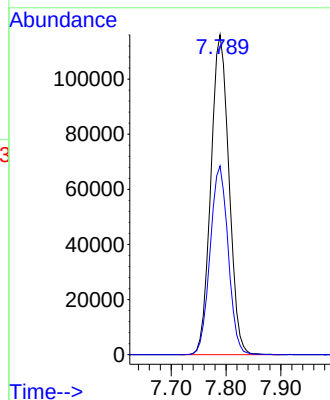
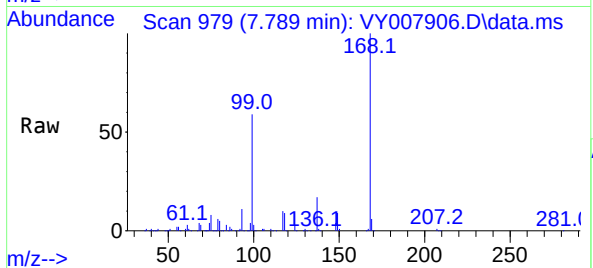




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

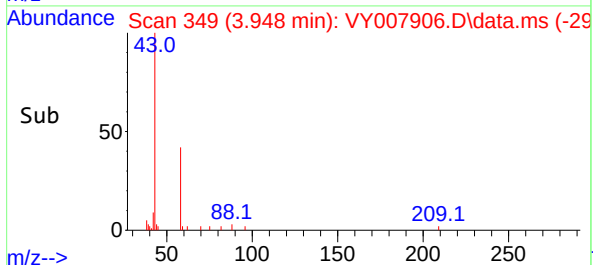
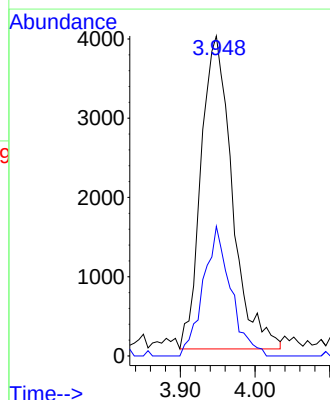
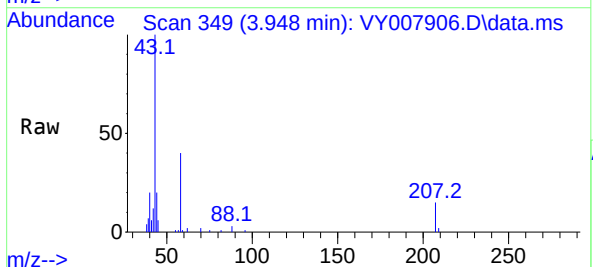
Instrument :
MSVOA_Y
ClientSampleId :
DB-13-(20-25)-3-12-22

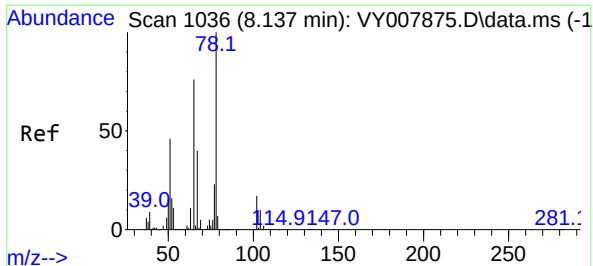
Tgt Ion:168 Resp: 265865
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#16
Acetone
Concen: 14.207 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

Tgt Ion: 43 Resp: 11425
Ion Ratio Lower Upper
43 100
58 41.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 53.544 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY007906.D

Acq: 18 Mar 2022 16:44

Instrument :

MSVOA_Y

ClientSampleId :

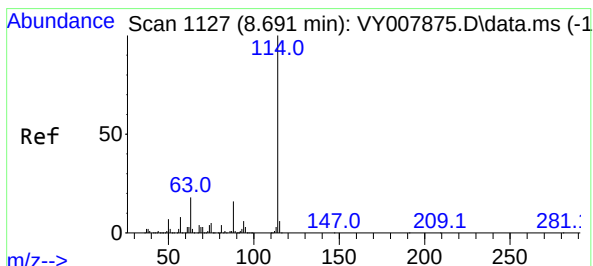
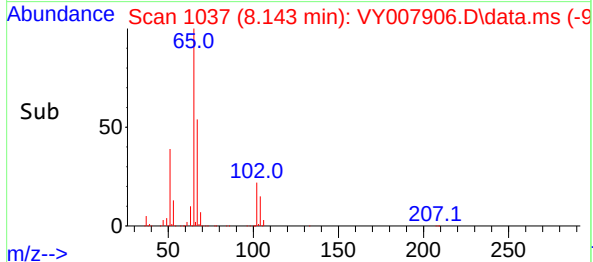
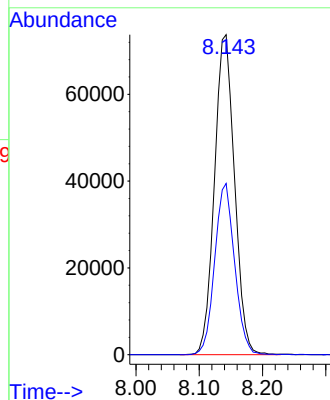
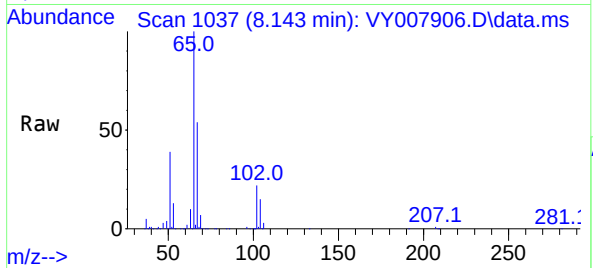
DB-13-(20-25)-3-12-22

Tgt Ion: 65 Resp: 162312

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. -0.000 min

Lab File: VY007906.D

Acq: 18 Mar 2022 16:44

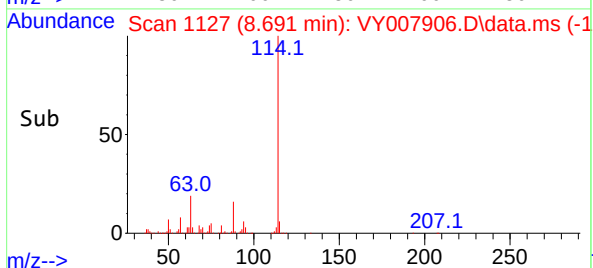
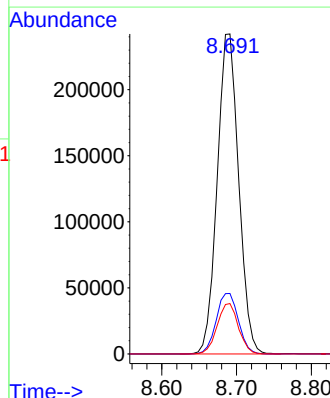
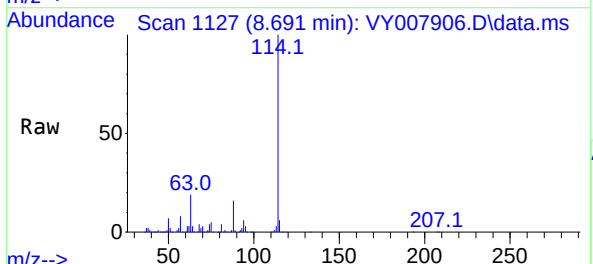
Tgt Ion: 114 Resp: 483769

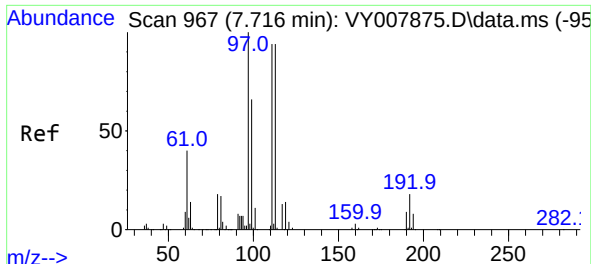
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.7 0.0 31.8

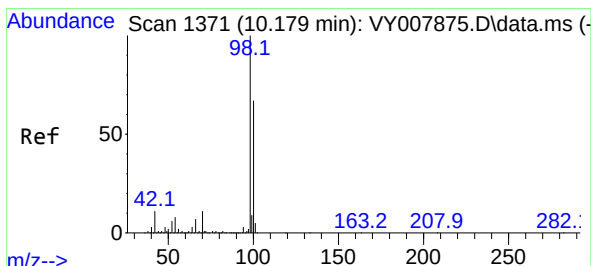
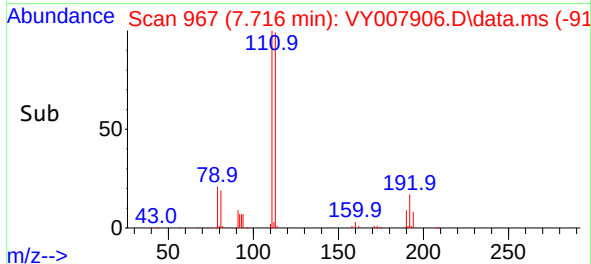
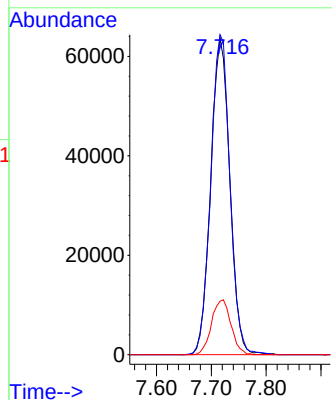
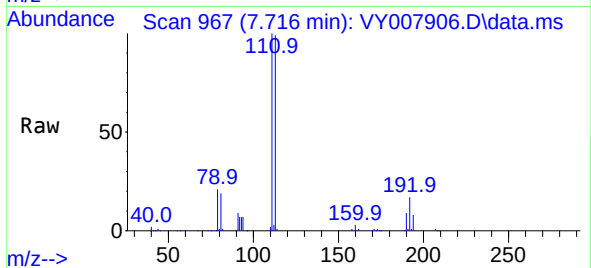




#35
Dibromofluoromethane
Concen: 45.436 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

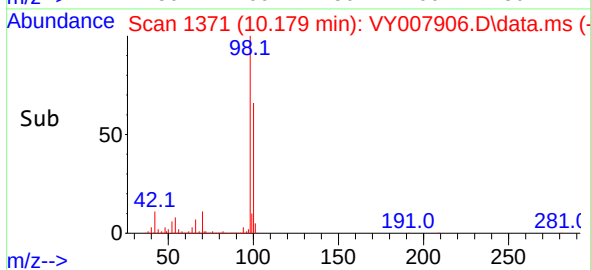
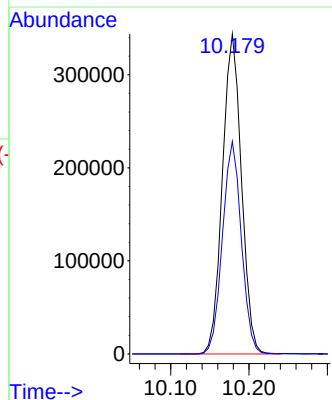
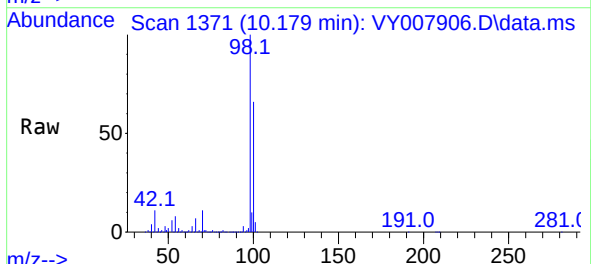
Instrument :
MSVOA_Y
ClientSampleId :
DB-13-(20-25)-3-12-22

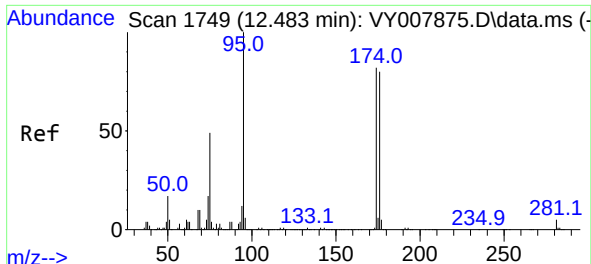
Tgt Ion:113 Resp: 154367
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 17.6 17.6 26.4



#50
Toluene-d8
Concen: 57.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

Tgt Ion: 98 Resp: 581072
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

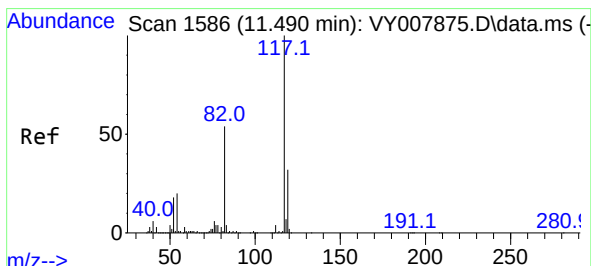
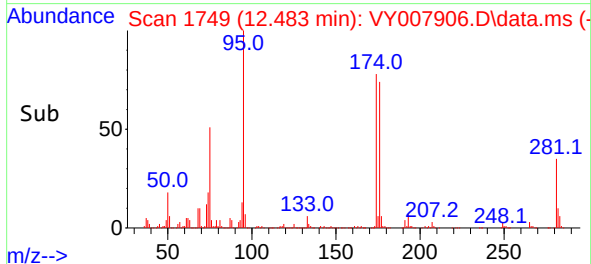
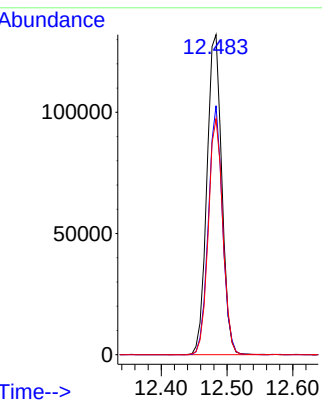
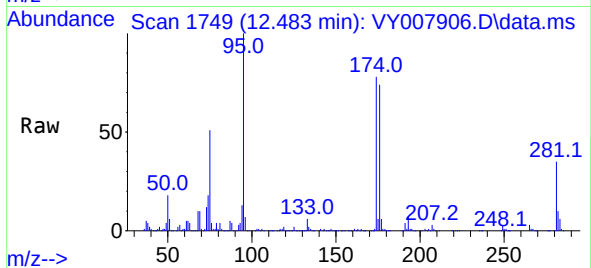




#62
4-Bromofluorobenzene
Concen: 42.579 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

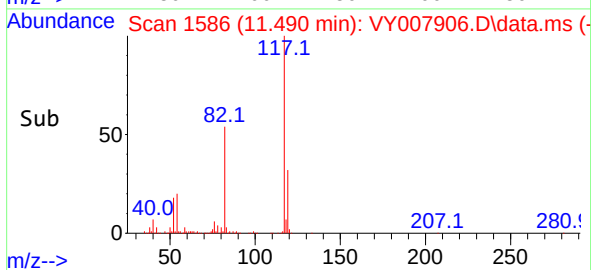
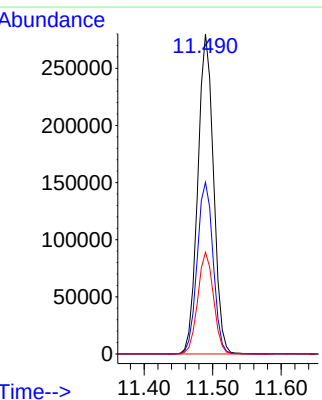
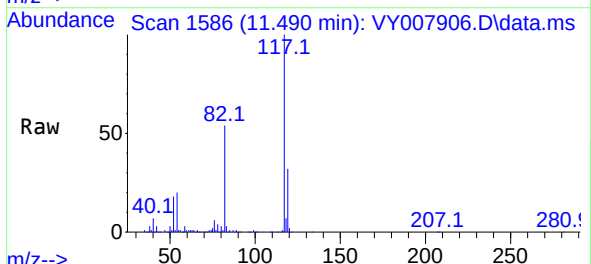
Instrument :
MSVOA_Y
ClientSampleId :
DB-13-(20-25)-3-12-22

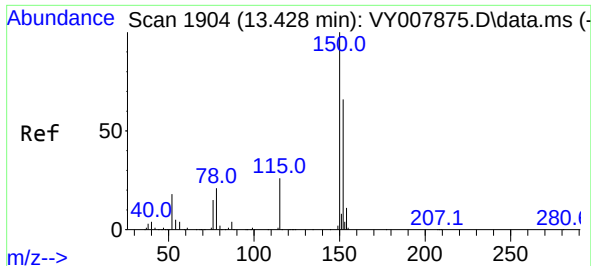
Tgt Ion: 95 Resp: 207614
Ion Ratio Lower Upper
95 100
174 73.8 0.0 177.0
176 71.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007906.D
Acq: 18 Mar 2022 16:44

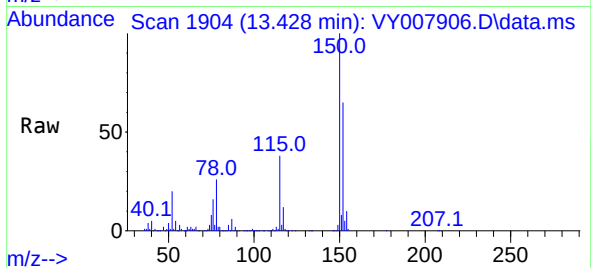
Tgt Ion: 117 Resp: 447704
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007906.D
 Acq: 18 Mar 2022 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-13-(20-25)-3-12-22



Tgt Ion:152 Resp: 191693

Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	158.6	0.0	347.6

