

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008090.D
 Acq On : 29 Mar 2022 16:26
 Operator : SY/MD
 Sample : N2155-05
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-E

Quant Time: Mar 30 04:00:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

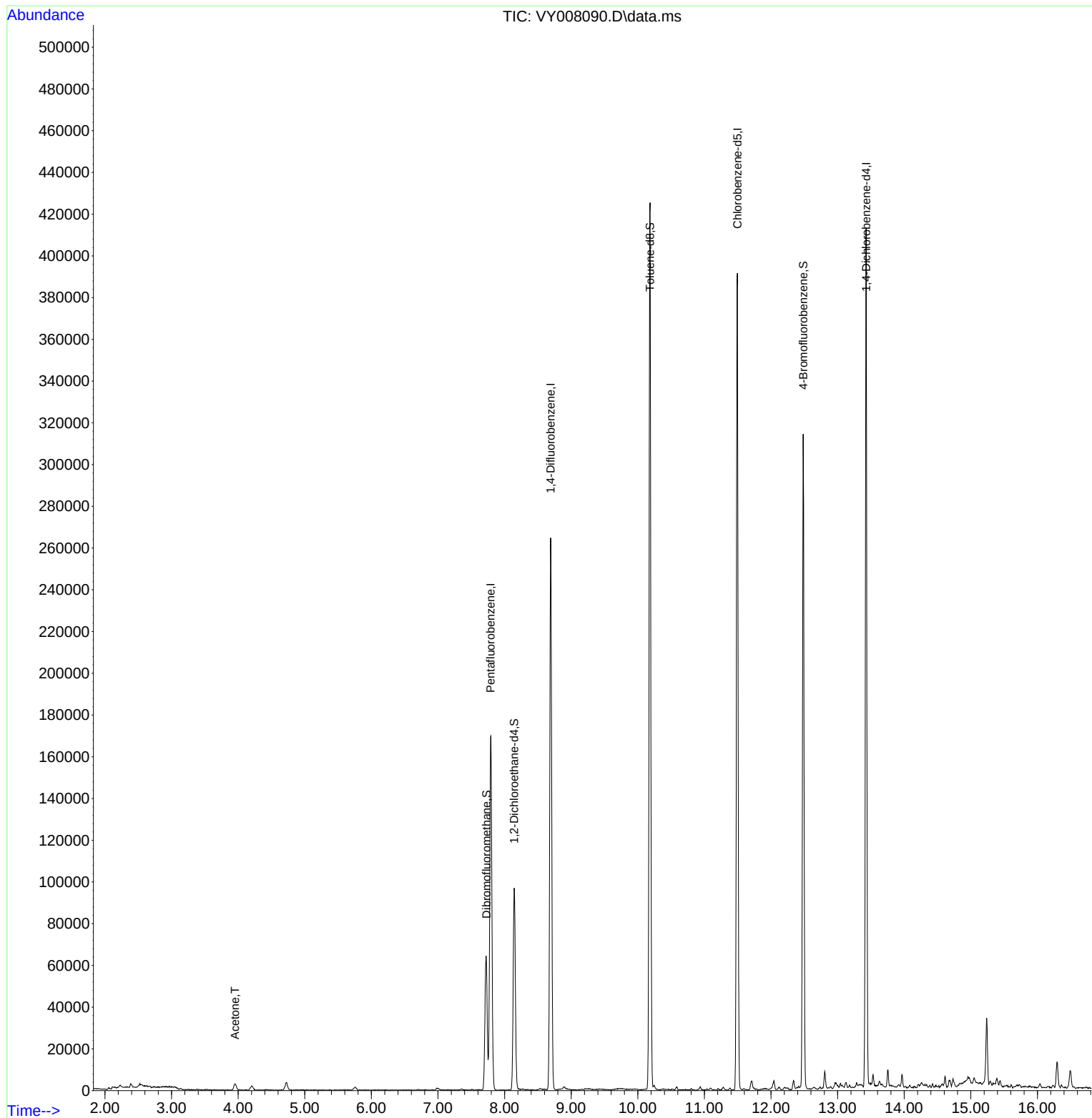
Internal Standards						
1) Pentafluorobenzene	7.789	168	132567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76573	57.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.140%
35) Dibromofluoromethane	7.728	113	46605	30.928	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.860%
50) Toluene-d8	10.185	98	291882	51.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.483	95	99683	49.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%
Target Compounds						
16) Acetone	3.954	43	5543	18.233	ug/l	Qvalue # 86

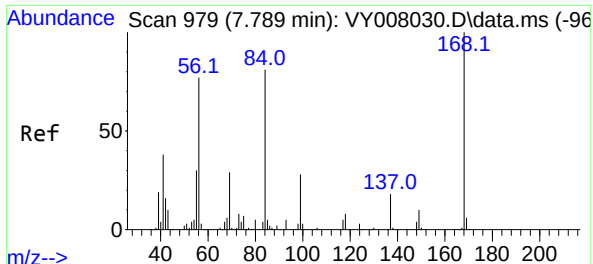
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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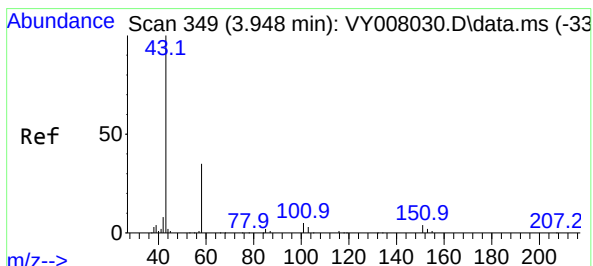
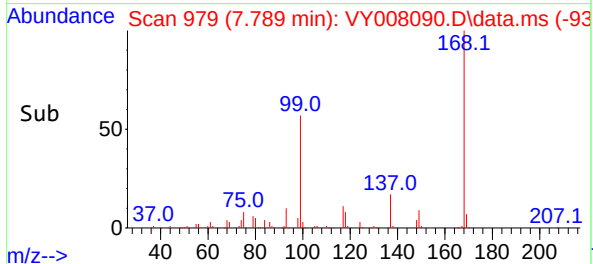
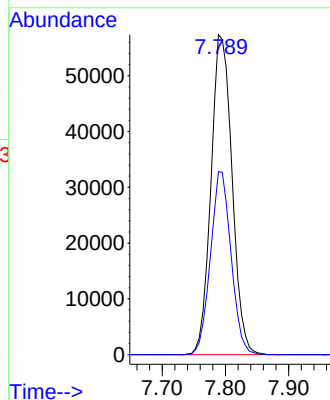
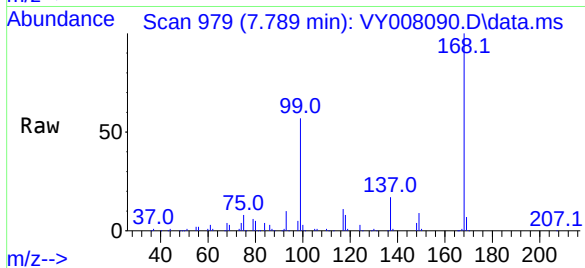




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

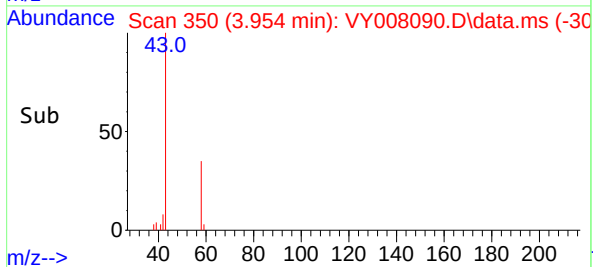
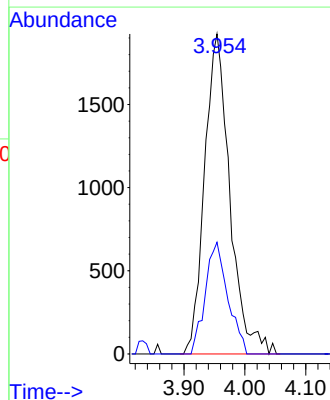
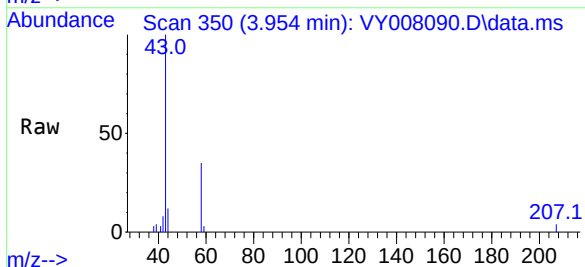
Instrument :
MSVOA_Y
ClientSampleId :
22L076-E

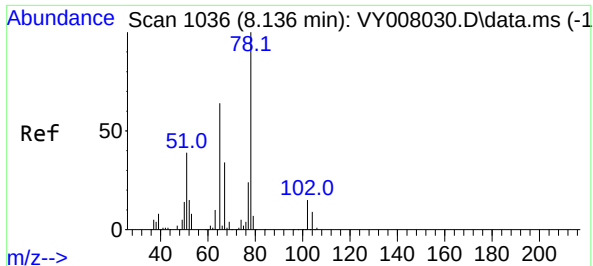
Tgt Ion:168 Resp: 132567
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#16
Acetone
Concen: 18.233 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion: 43 Resp: 5543
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 57.572 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008090.D

Acq: 29 Mar 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

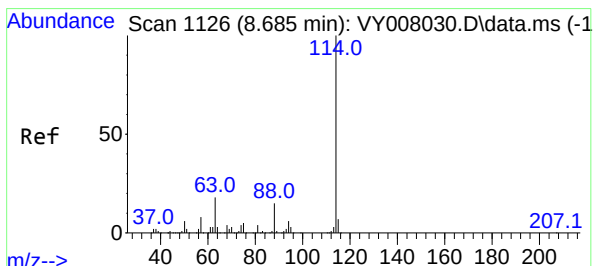
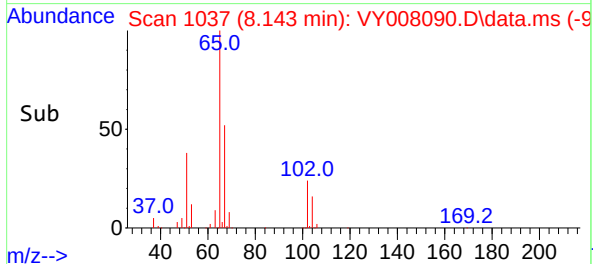
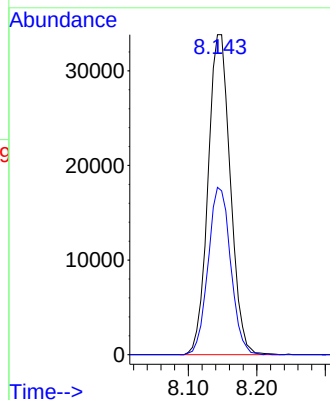
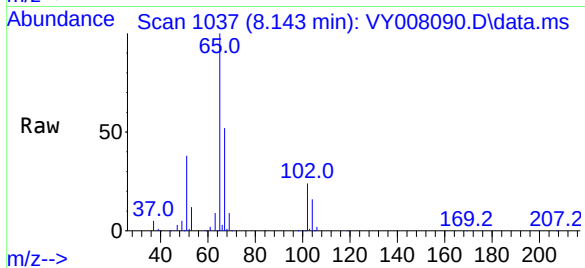
22L076-E

Tgt Ion: 65 Resp: 76573

Ion Ratio Lower Upper

65 100

67 52.9 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: VY008090.D

Acq: 29 Mar 2022 16:26

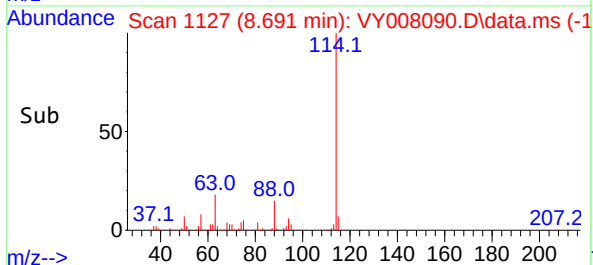
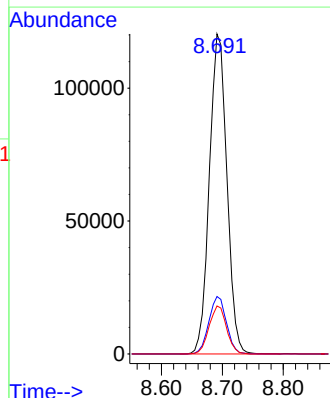
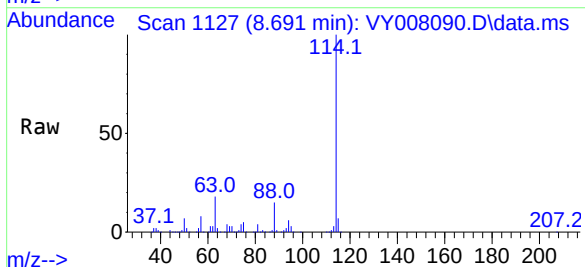
Tgt Ion: 114 Resp: 240344

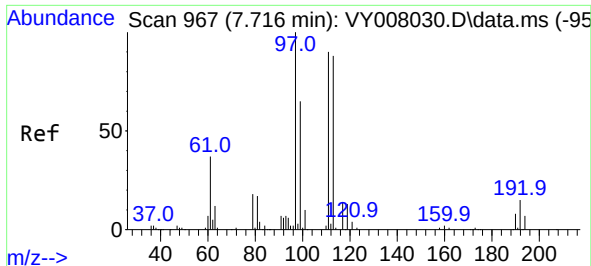
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.0 0.0 31.8

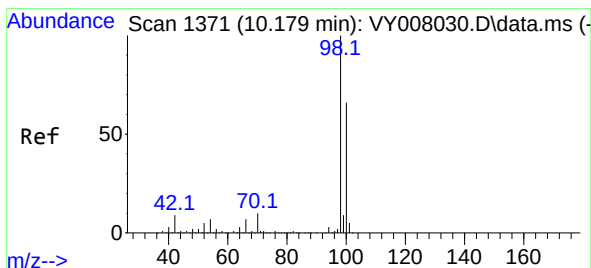
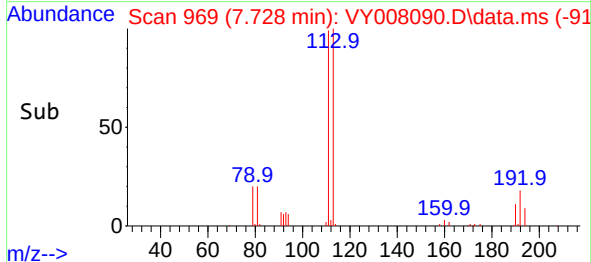
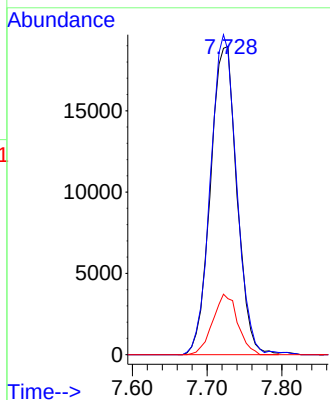
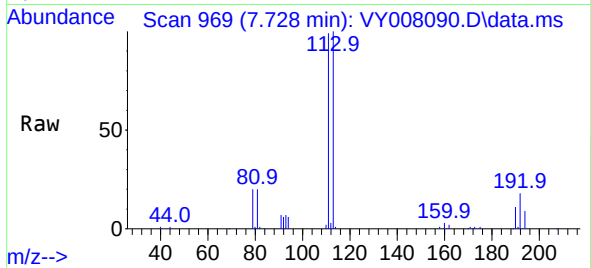




#35
Dibromofluoromethane
Concen: 30.928 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

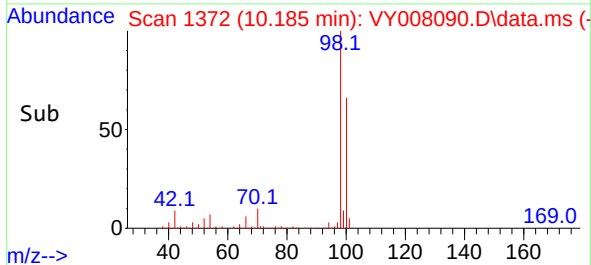
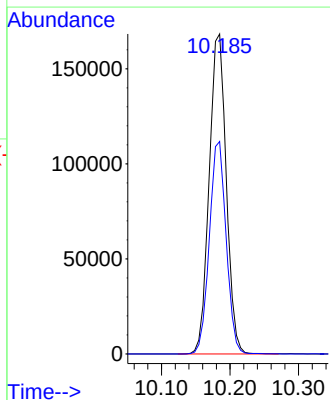
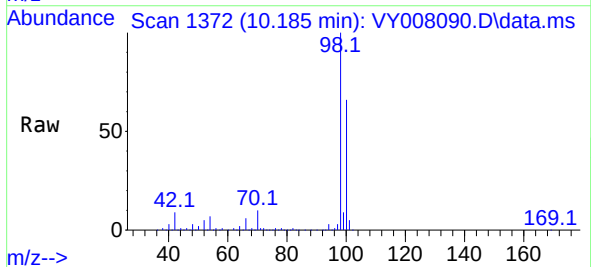
Instrument :
MSVOA_Y
ClientSampleId :
22L076-E

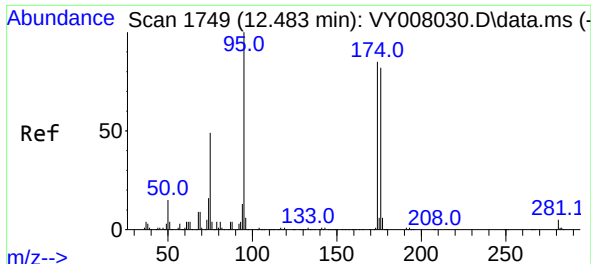
Tgt Ion:113 Resp: 46605
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.6 17.6 26.4



#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion: 98 Resp: 291882
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

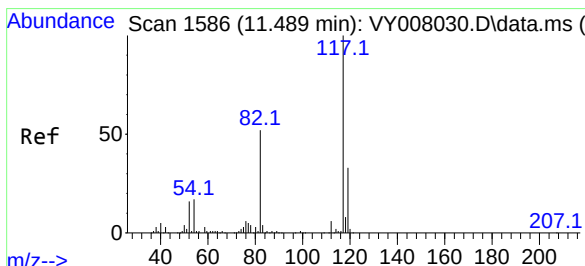
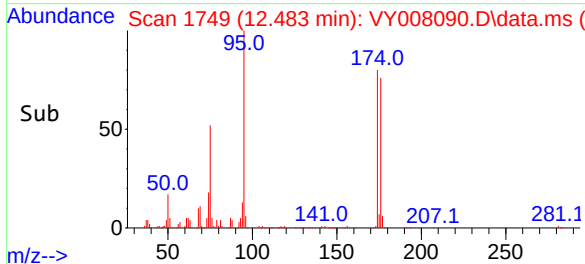
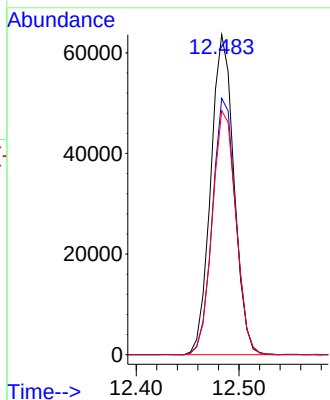
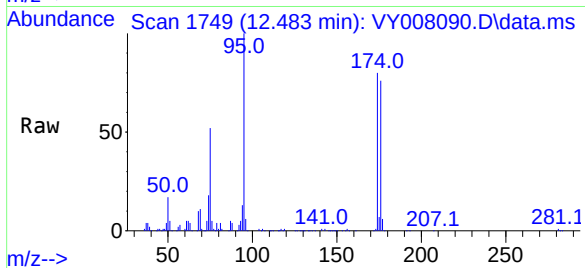




#62
4-Bromofluorobenzene
Concen: 49.768 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

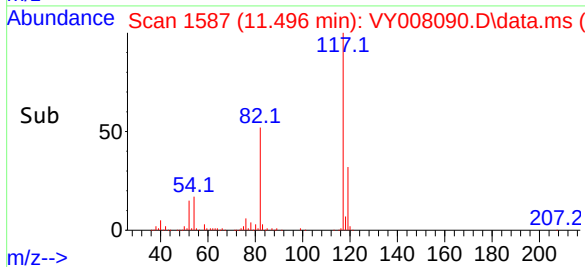
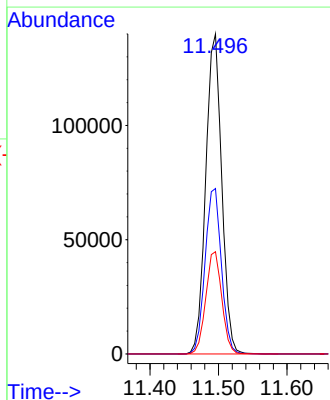
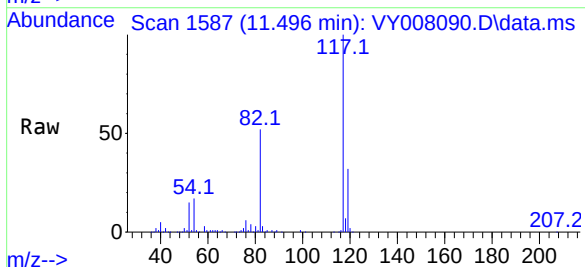
Instrument :
MSVOA_Y
ClientSampleId :
22L076-E

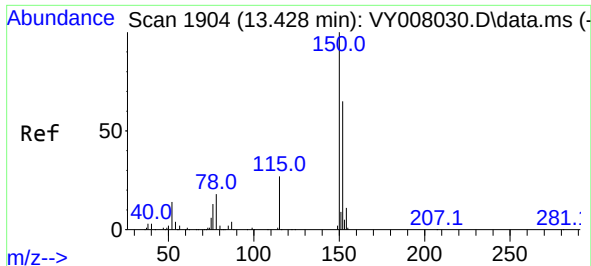
Tgt Ion: 95 Resp: 99683
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 77.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

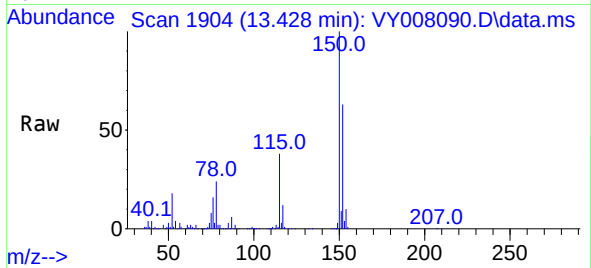
Tgt Ion: 117 Resp: 227090
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008090.D
 Acq: 29 Mar 2022 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-E



Tgt Ion:152 Resp: 99534

Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.2	84.7
150	159.4	0.0	347.6

