

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009128.D
 Acq On : 02 Jun 2022 15:28
 Operator : KP/MD
 Sample : N3139-02
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jun 03 03:12:39 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)

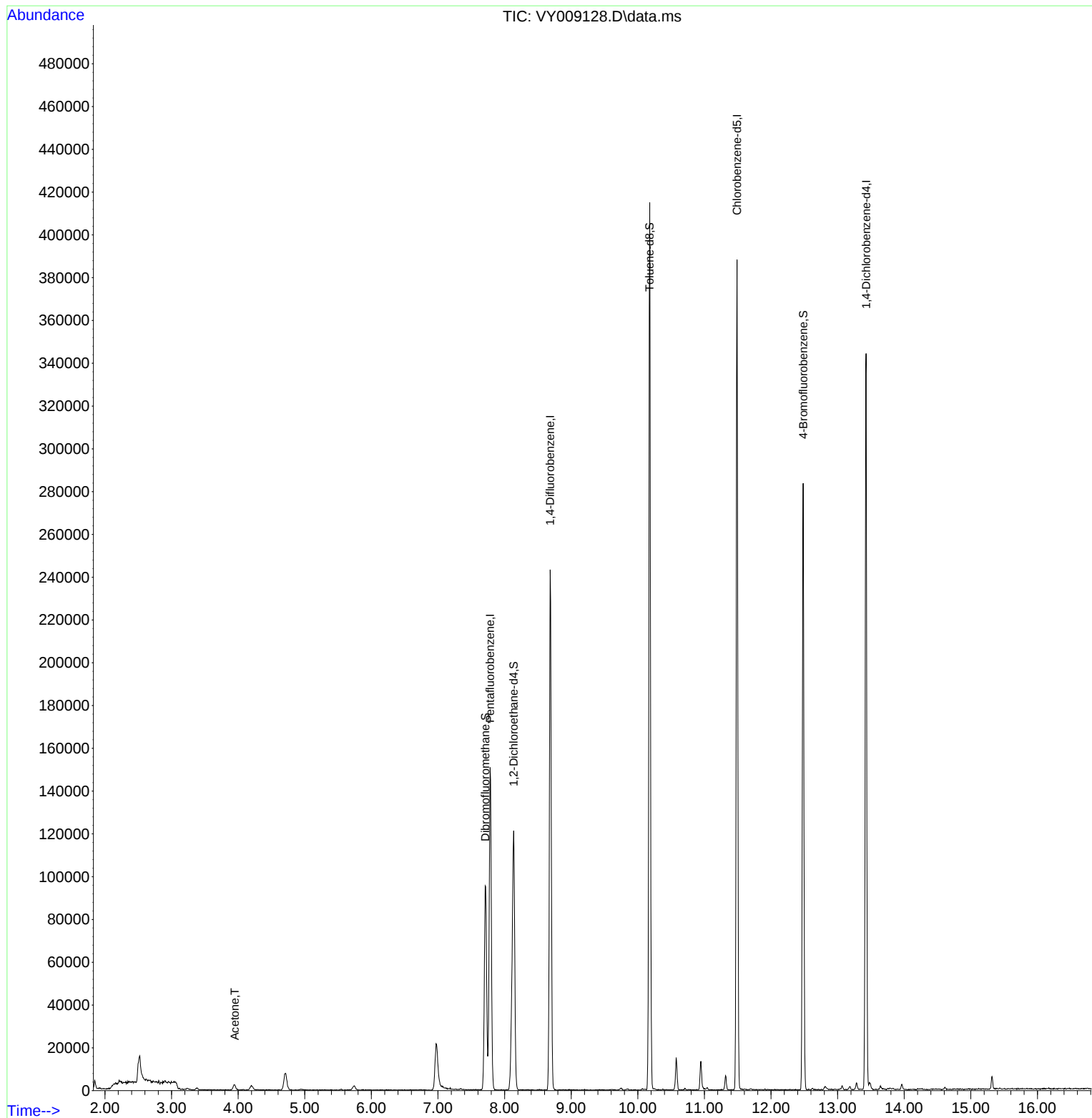
Internal Standards						
1) Pentafluorobenzene	7.782	168	113701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76848	65.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.340%	
35) Dibromofluoromethane	7.709	113	64659	51.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.220%	
50) Toluene-d8	10.178	98	254731	54.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.483	95	74653	39.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.320%	
Target Compounds						
16) Acetone	3.948	43	4405	18.084	ug/l	Qvalue 98

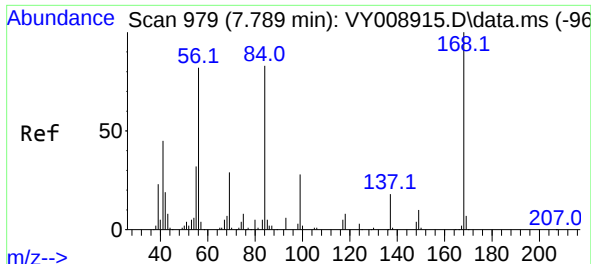
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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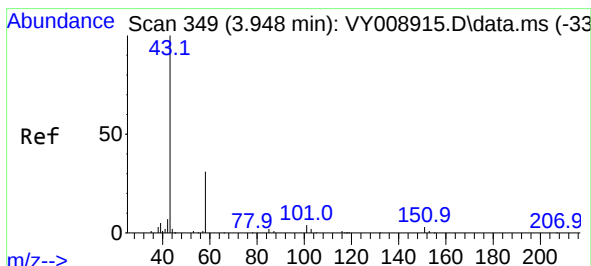
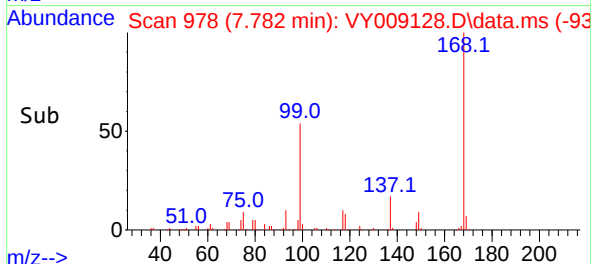
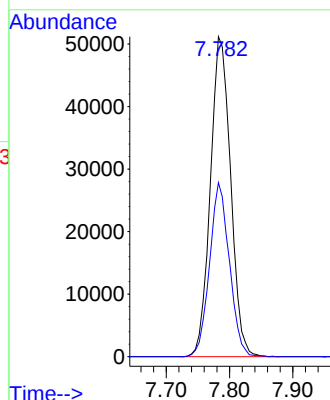
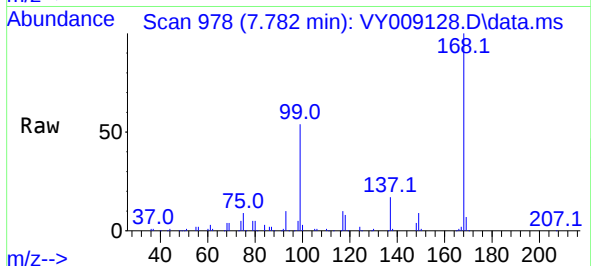




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

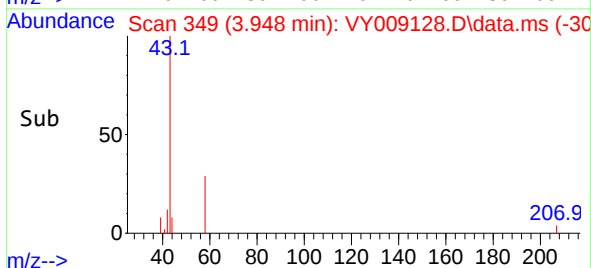
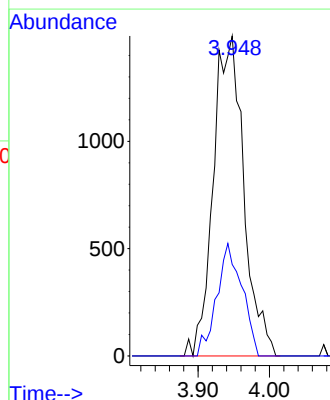
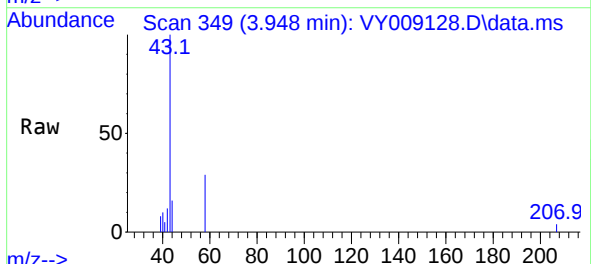
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 113701
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 18.084 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 65.671 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009128.D

Acq: 02 Jun 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

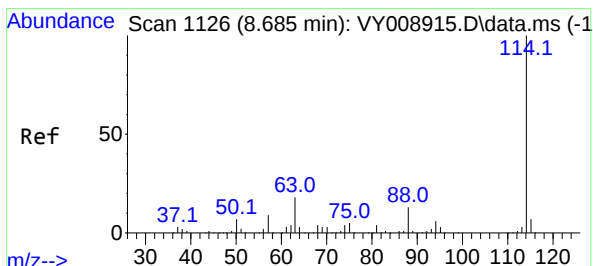
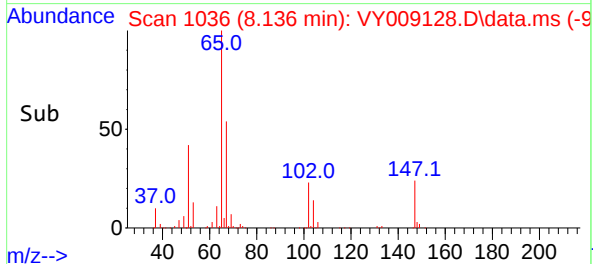
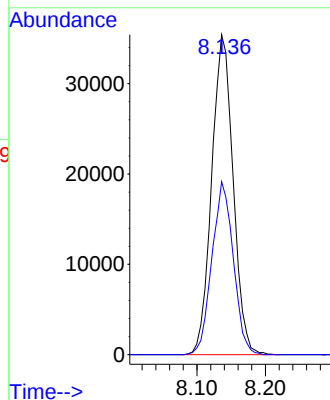
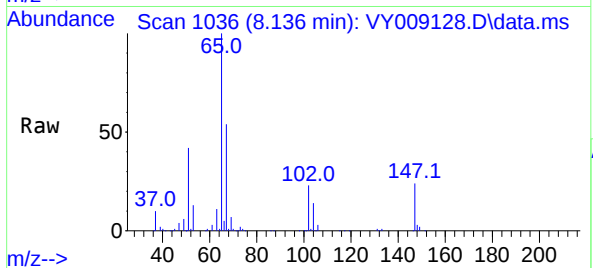
COMP-2

Tgt Ion: 65 Resp: 76848

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009128.D

Acq: 02 Jun 2022 15:28

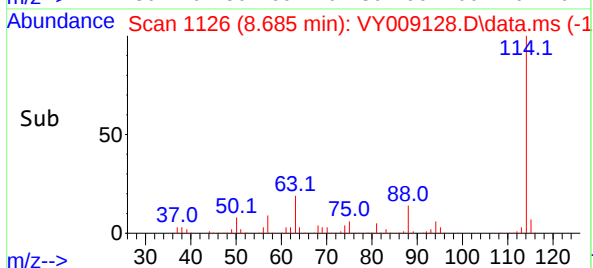
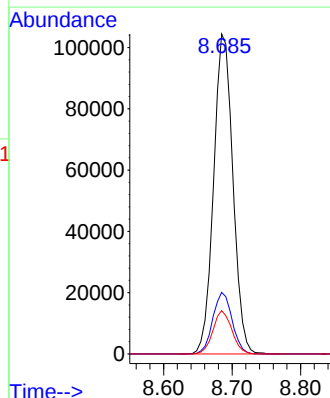
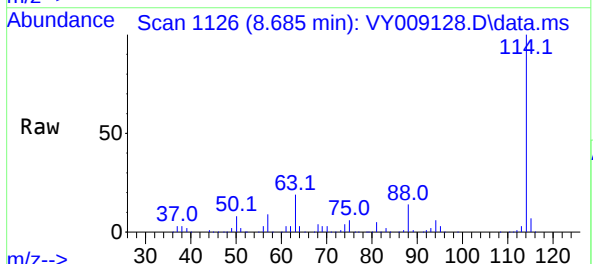
Tgt Ion: 114 Resp: 203425

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.6 0.0 31.8

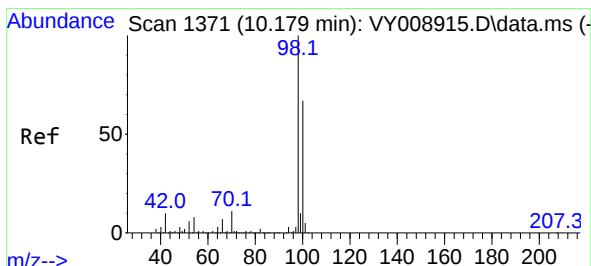
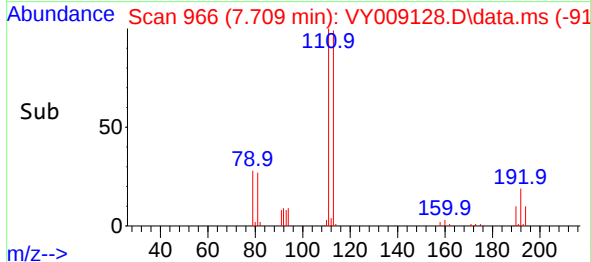
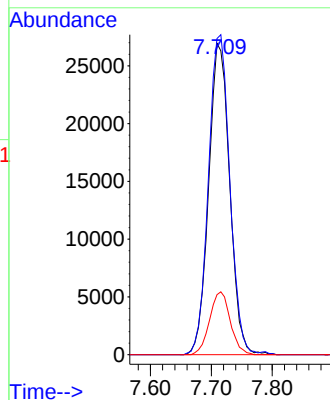
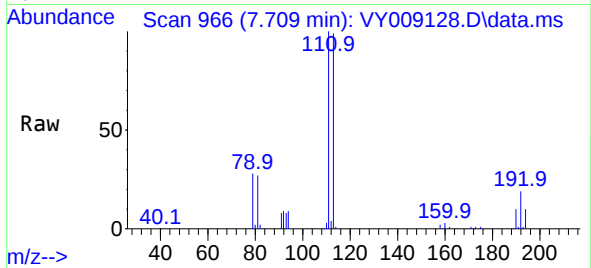




#35
Dibromofluoromethane
Concen: 51.115 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.007 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

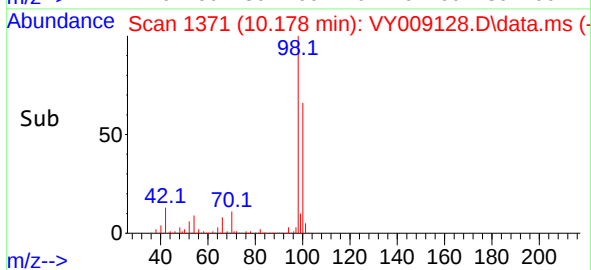
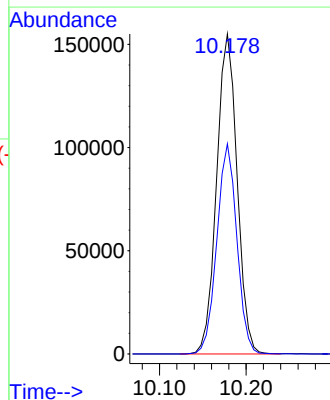
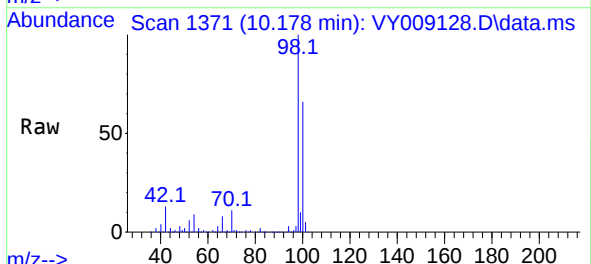
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:113 Resp: 64659
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 54.585 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

Tgt Ion: 98 Resp: 254731
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

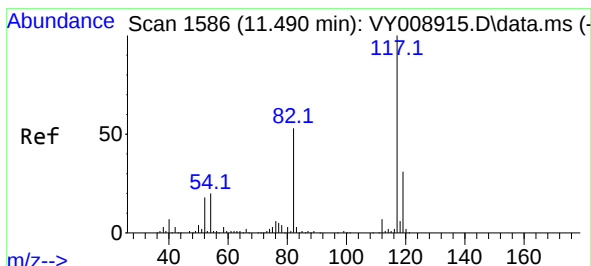
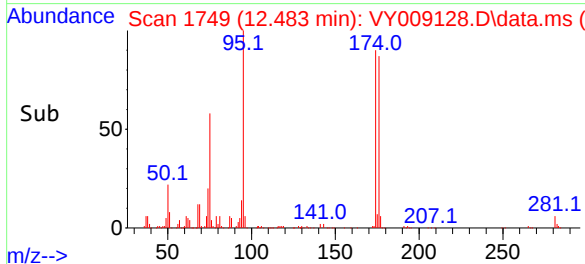
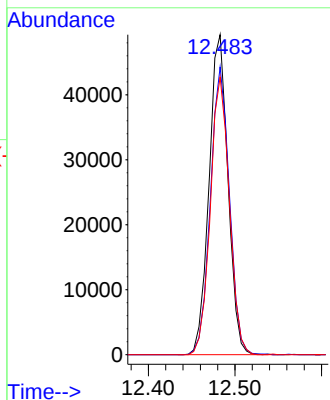
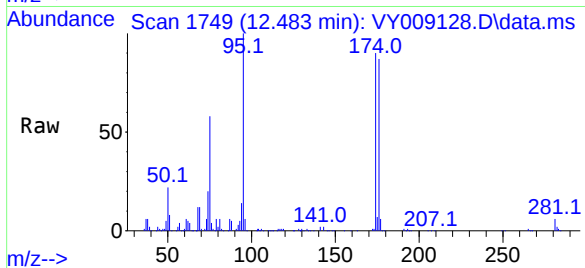




#62
4-Bromofluorobenzene
Concen: 39.656 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

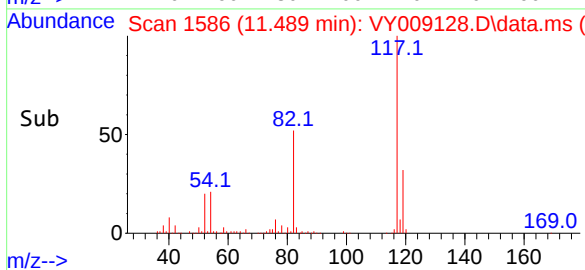
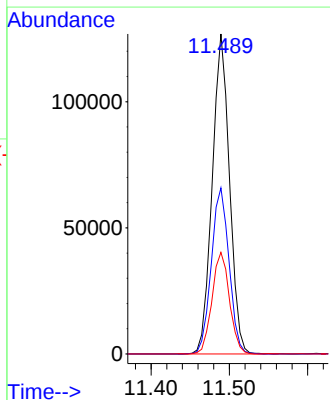
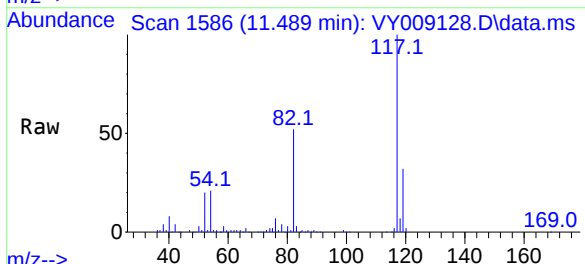
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

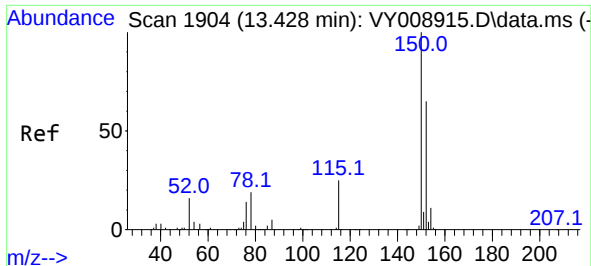
Tgt Ion: 95 Resp: 74653
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009128.D
Acq: 02 Jun 2022 15:28

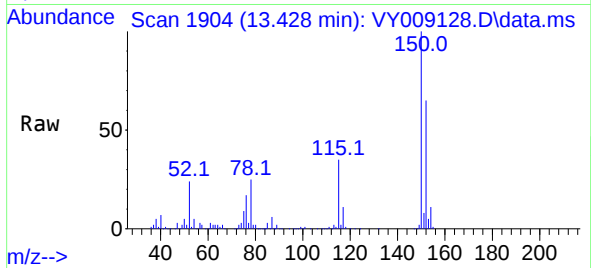
Tgt Ion: 117 Resp: 193985
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009128.D
 Acq: 02 Jun 2022 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion:152 Resp: 83690
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 156.3 0.0 347.6

