

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005595.D
 Acq On : 10 Aug 2021 15:03
 Operator : SY/MD
 Sample : M3339-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-080921

Quant Time: Aug 11 03:37:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

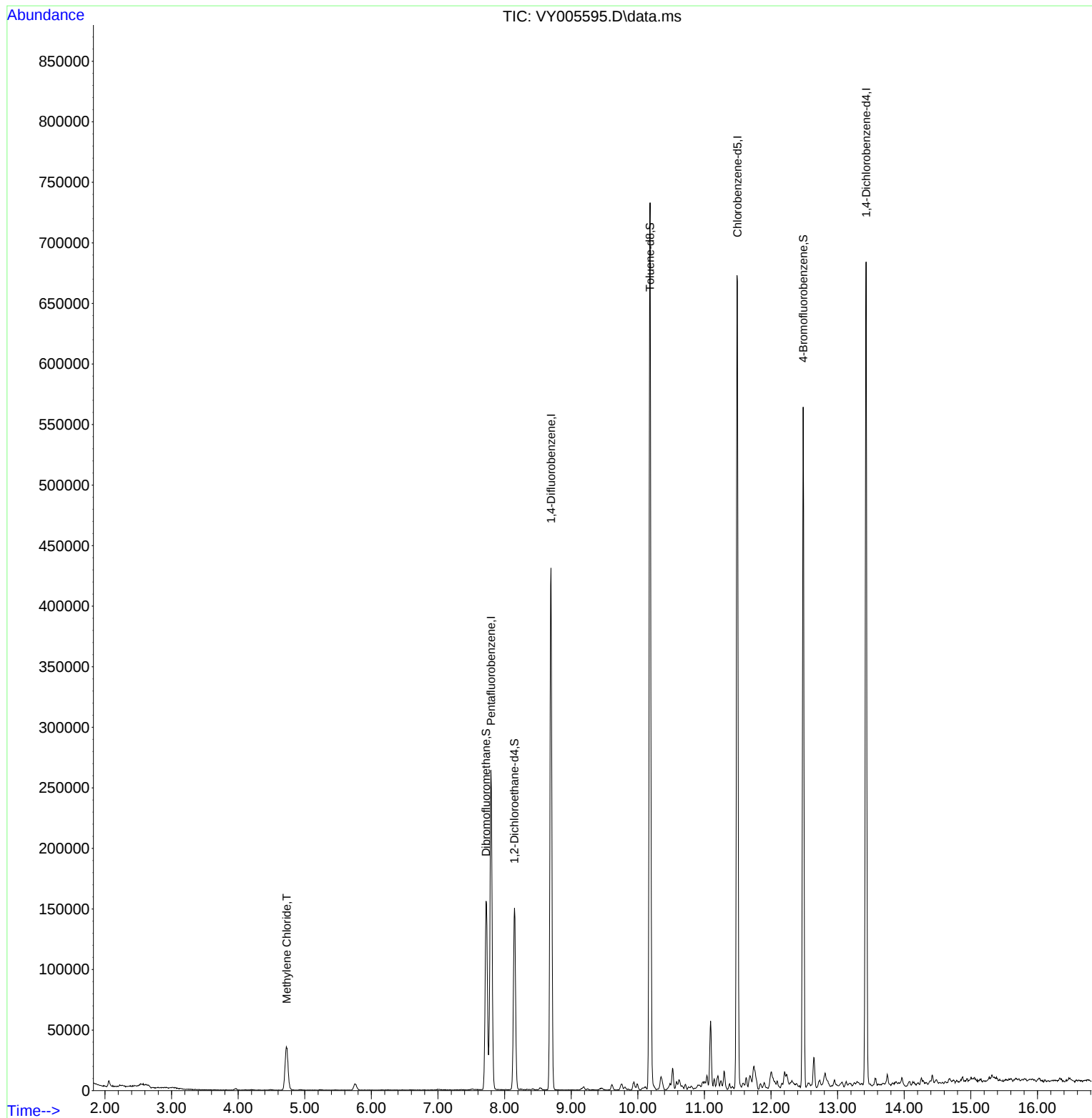
Internal Standards						
1) Pentafluorobenzene	7.795	168	213069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	362532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	360384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124896	57.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.820%	
35) Dibromofluoromethane	7.722	113	107049	52.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.185	98	462485	54.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.483	95	159416	56.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.100%	
Target Compounds						
20) Methylene Chloride	4.728	84	27571	7.656	ug/l	Qvalue 97

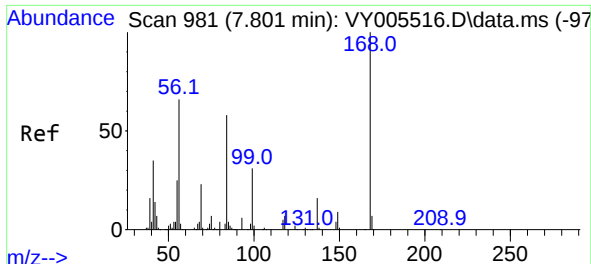
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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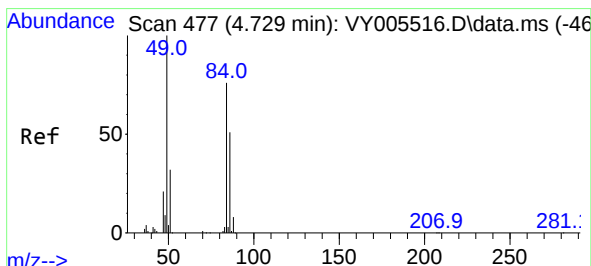
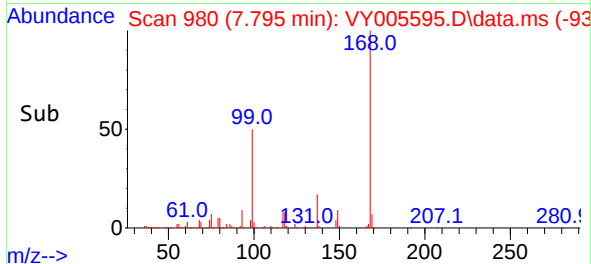
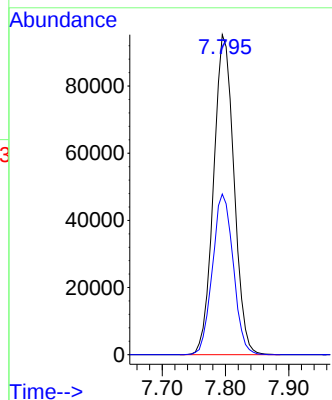
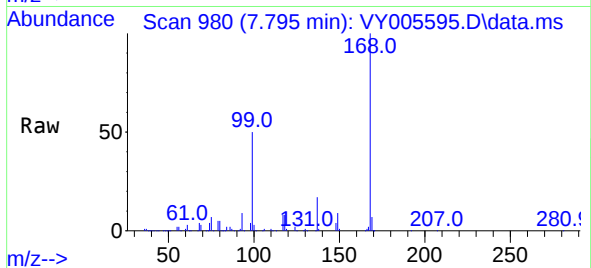




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

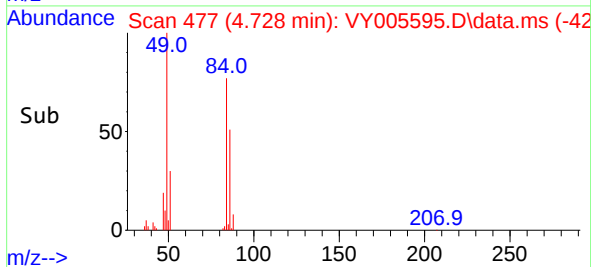
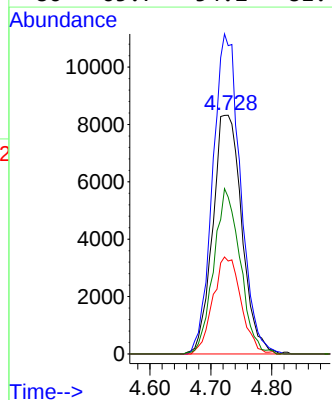
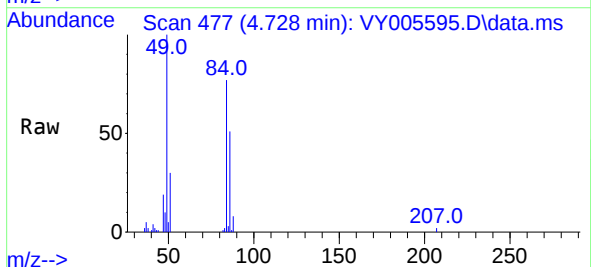
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-080921

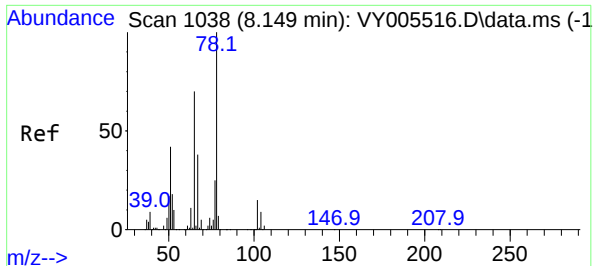
Tgt Ion:168 Resp: 213069
Ion Ratio Lower Upper
168 100
99 50.2 38.9 58.3



#20
Methylene Chloride
Concen: 7.656 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

Tgt Ion: 84 Resp: 27571
Ion Ratio Lower Upper
84 100
49 129.2 105.8 158.6
51 38.9 33.4 50.2
86 65.7 54.2 81.4

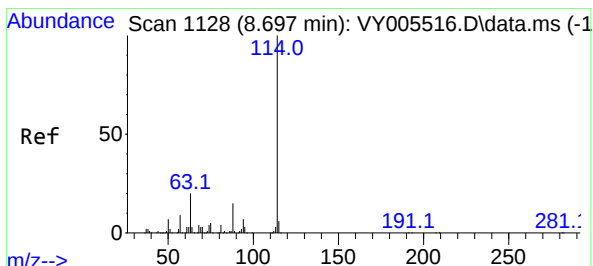
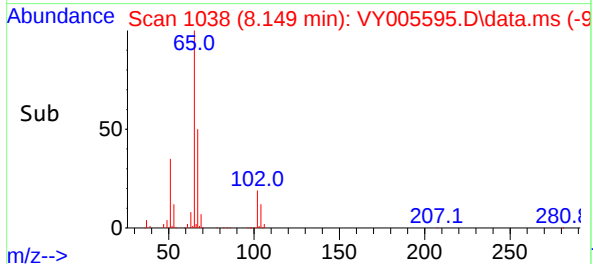
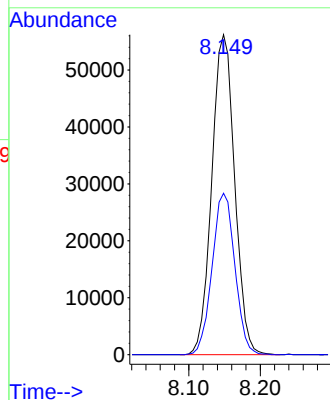
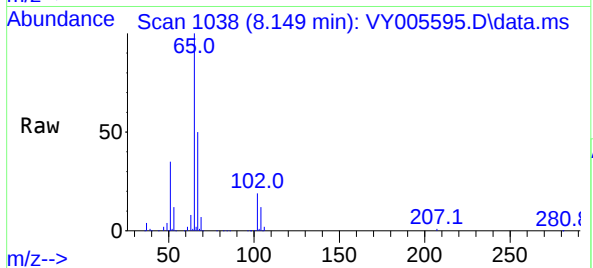




#33
1,2-Dichloroethane-d4
Concen: 57.908 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

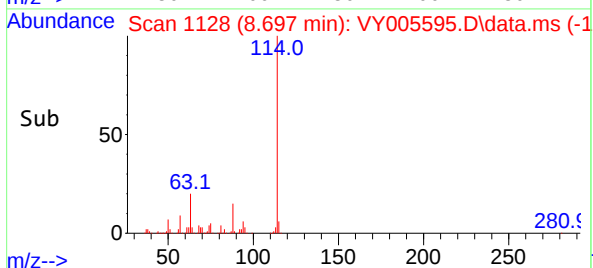
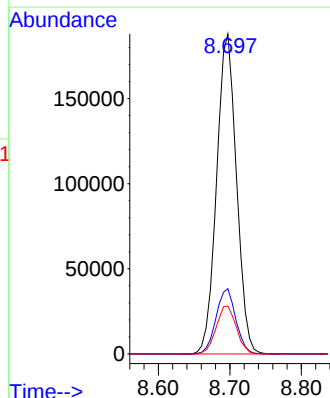
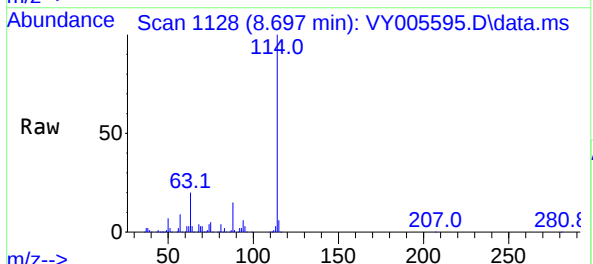
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-080921

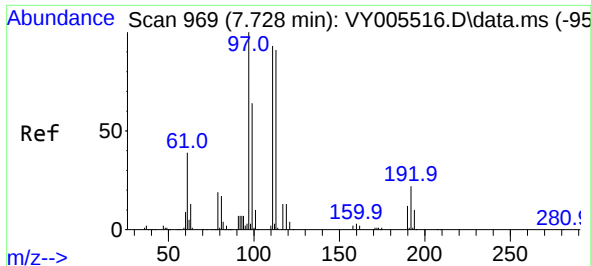
Tgt Ion: 65 Resp: 124896
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

Tgt Ion: 114 Resp: 362532
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.741 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005595.D

Acq: 10 Aug 2021 15:03

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-080921

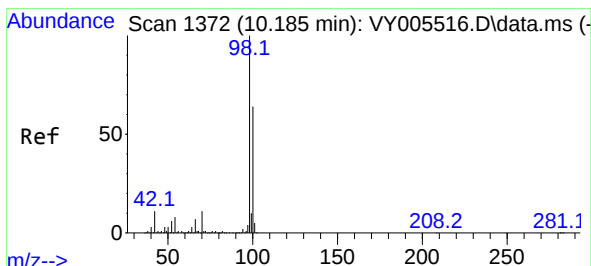
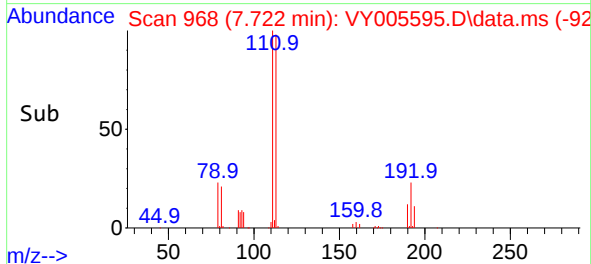
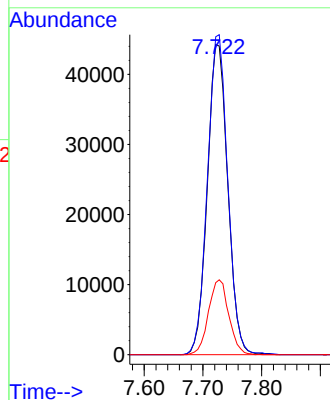
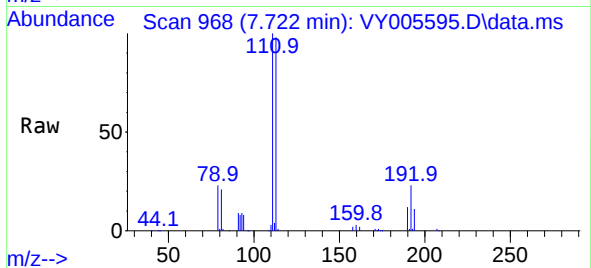
Tgt Ion:113 Resp: 107049

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 24.0 19.2 28.8



#50

Toluene-d8

Concen: 54.330 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY005595.D

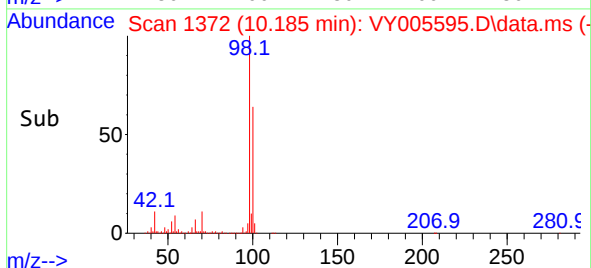
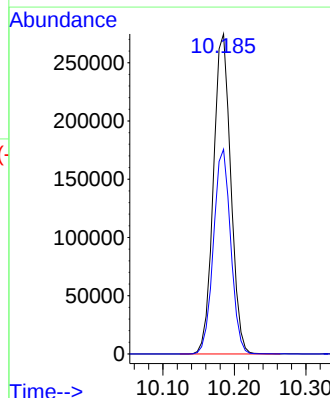
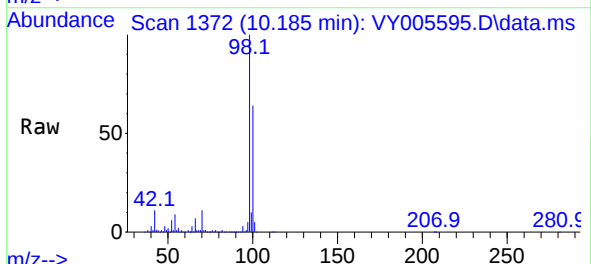
Acq: 10 Aug 2021 15:03

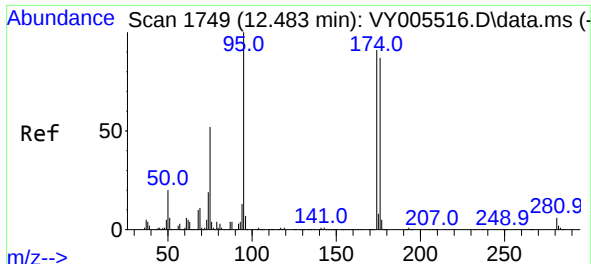
Tgt Ion: 98 Resp: 462485

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9



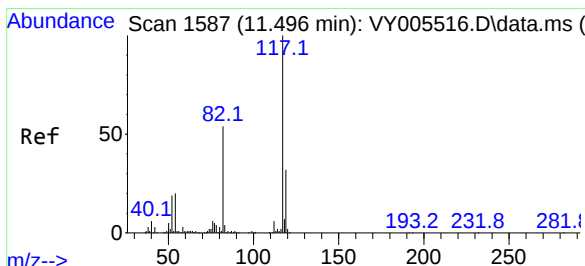
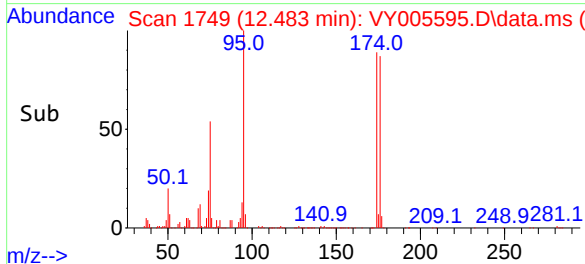
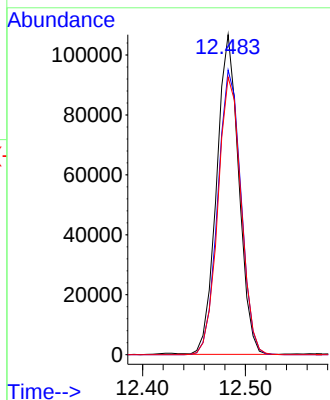
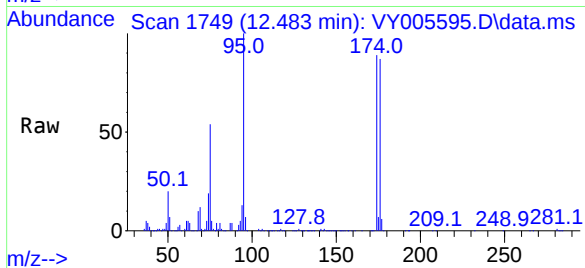


#62
4-Bromofluorobenzene
Concen: 56.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-080921

Tgt Ion: 95 Resp: 159416

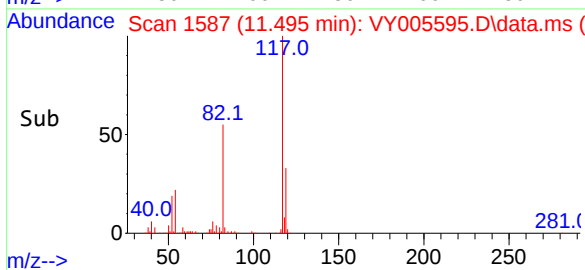
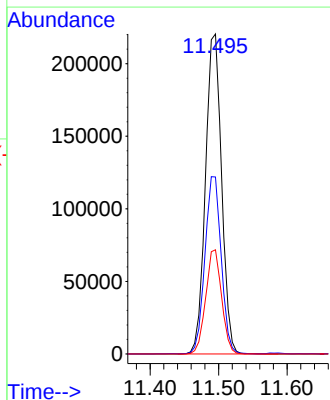
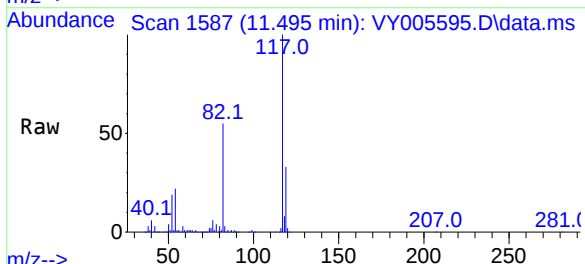
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	191.4
176	90.6	0.0	183.6

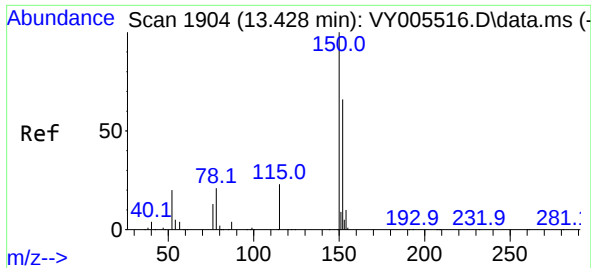


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005595.D
Acq: 10 Aug 2021 15:03

Tgt Ion: 117 Resp: 360384

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.5	65.3
119	32.6	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005595.D
 Acq: 10 Aug 2021 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-080921

Tgt Ion:152 Resp: 177064
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 154.7 0.0 350.2

