

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007122.D
 Acq On : 11 Jan 2022 18:03
 Operator : SY/MD
 Sample : N1099-08
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-08

Quant Time: Jan 12 05:10:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

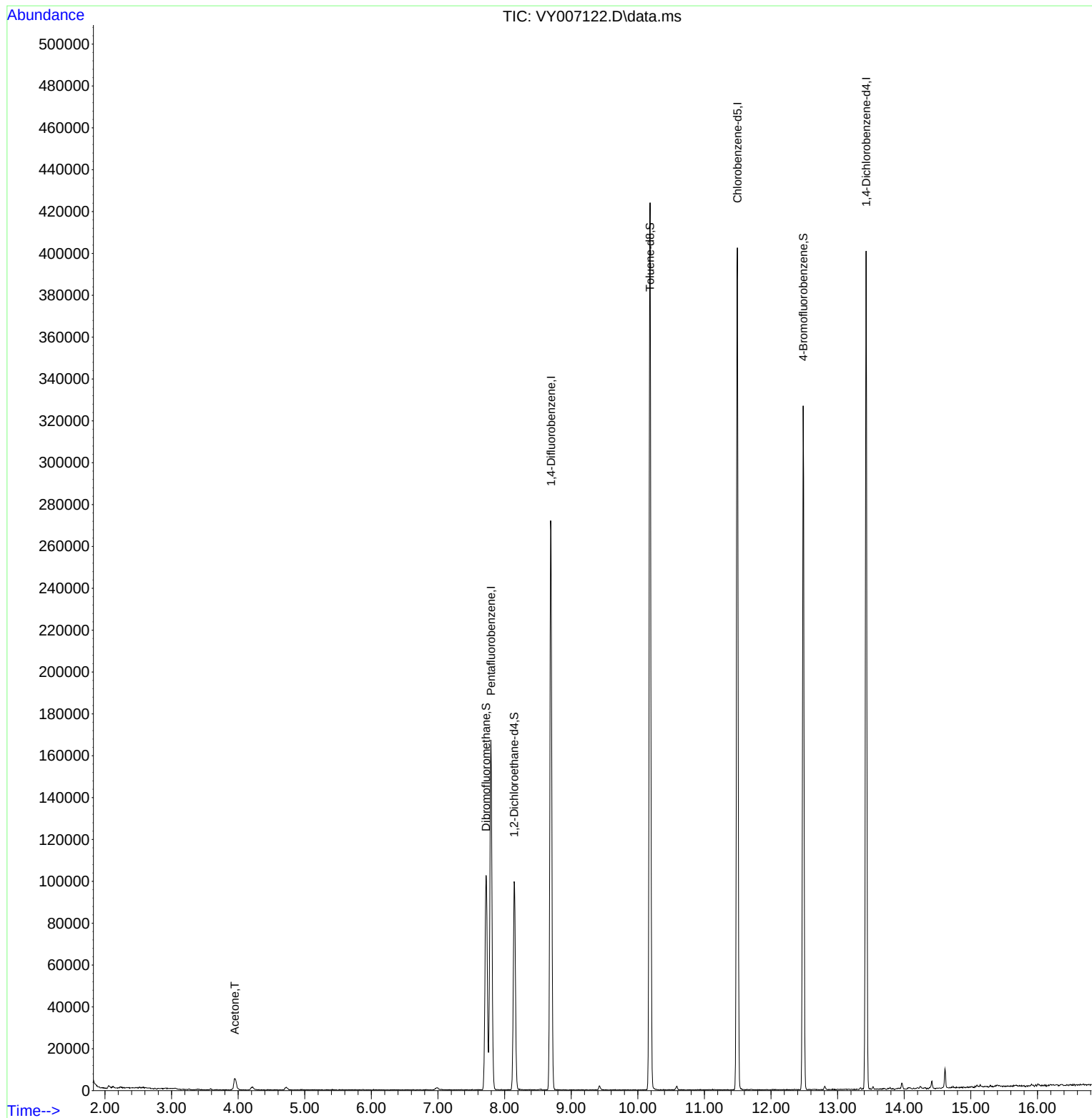
Internal Standards						
1) Pentafluorobenzene	7.795	168	121384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81202	55.918	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.840%	
35) Dibromofluoromethane	7.722	113	75705	49.725	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.460%	
50) Toluene-d8	10.185	98	279559	49.712	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	12.483	95	103868	51.212	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	102.420%	
Target Compounds						
16) Acetone	3.948	43	10332	37.922	ug/l	Qvalue 92

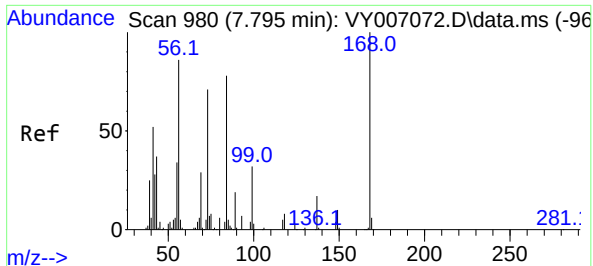
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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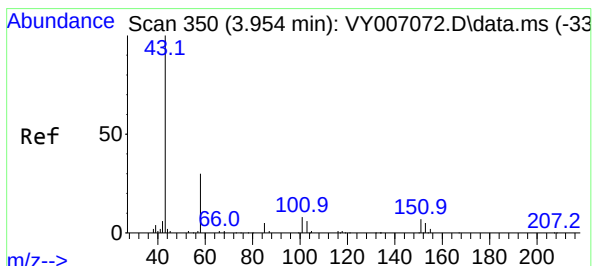
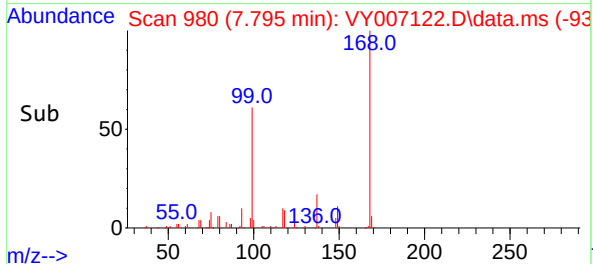
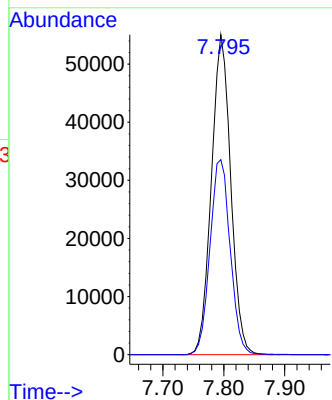
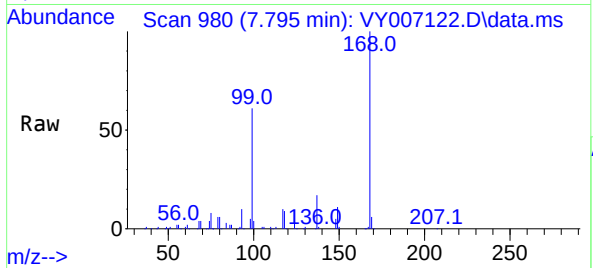




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

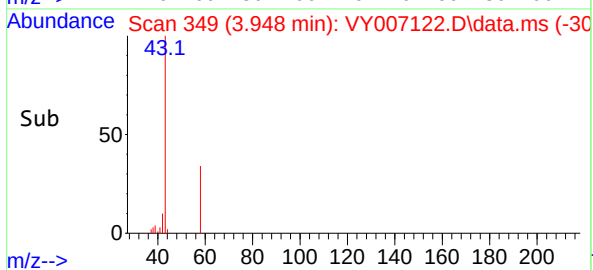
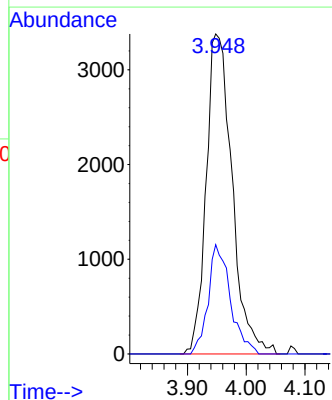
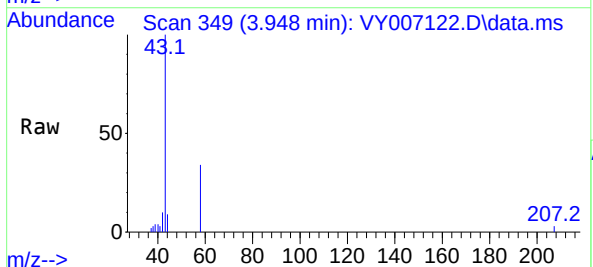
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

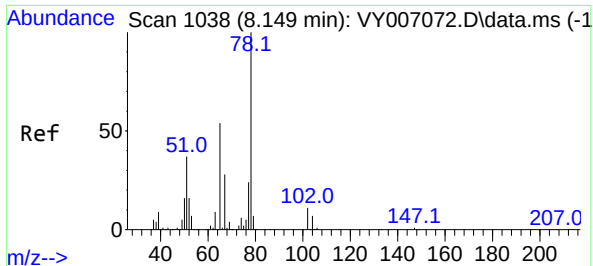
Tgt Ion:168 Resp: 121384
Ion Ratio Lower Upper
168 100
99 61.0 49.1 73.7



#16
Acetone
Concen: 37.922 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 43 Resp: 10332
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 55.918 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY007122.D

Acq: 11 Jan 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

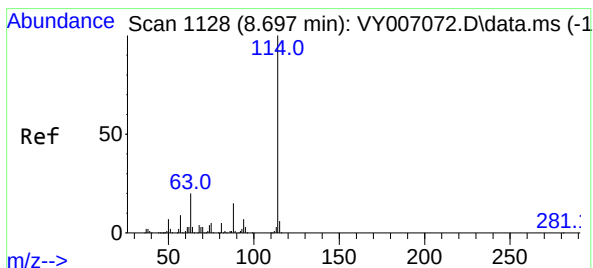
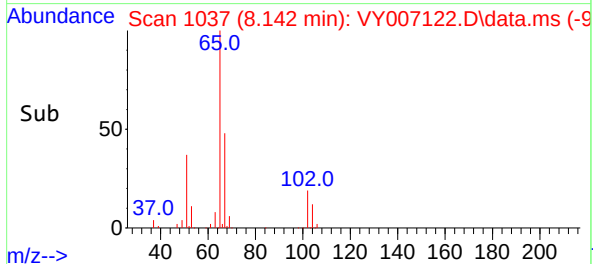
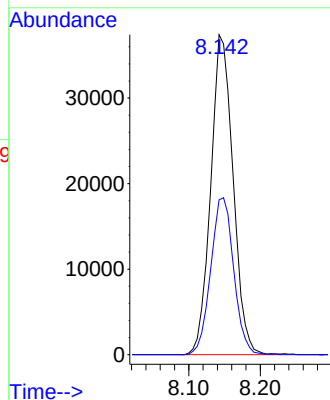
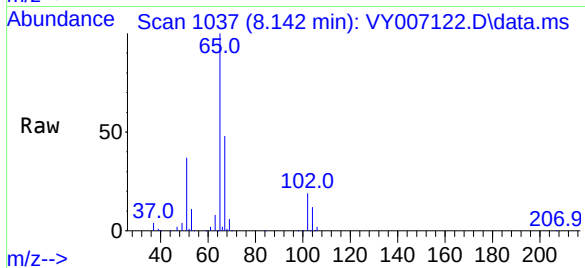
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 65 Resp: 81202

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007122.D

Acq: 11 Jan 2022 18:03

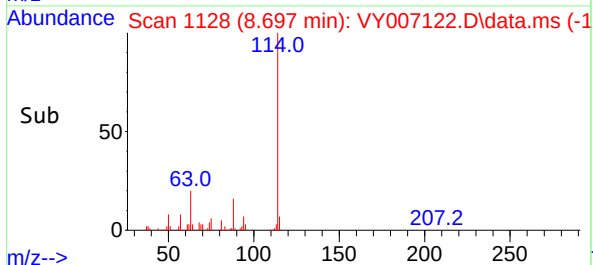
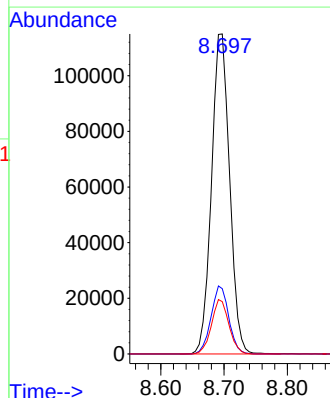
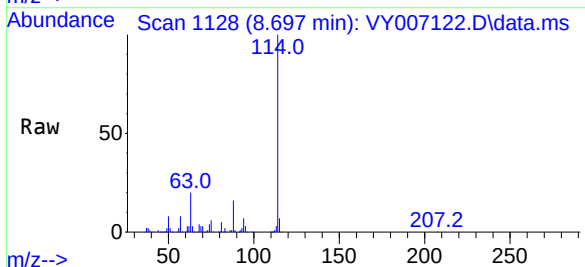
Tgt Ion:114 Resp: 228434

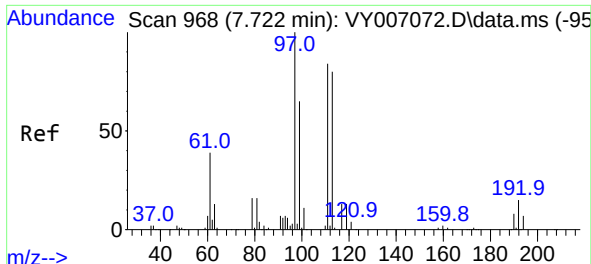
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.3 0.0 31.0



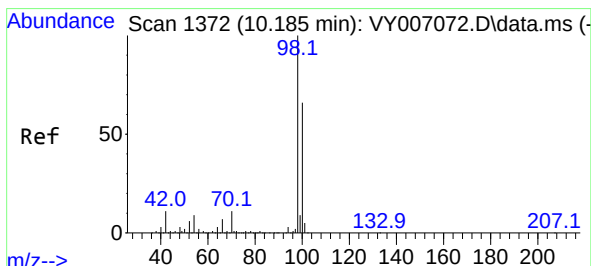
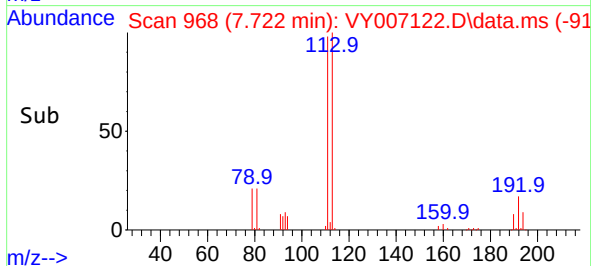
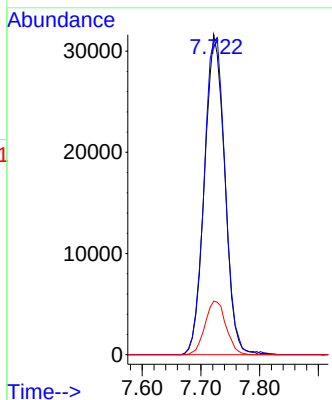
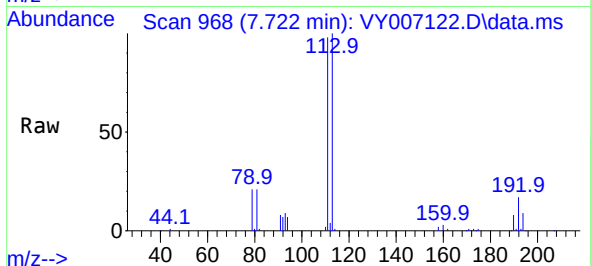


#35
 Dibromofluoromethane
 Concen: 49.725 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY007122.D
 Acq: 11 Jan 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-08

Tgt Ion:113 Resp: 75705

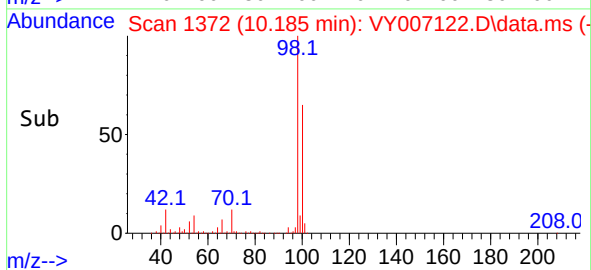
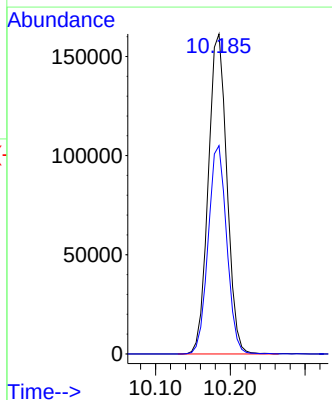
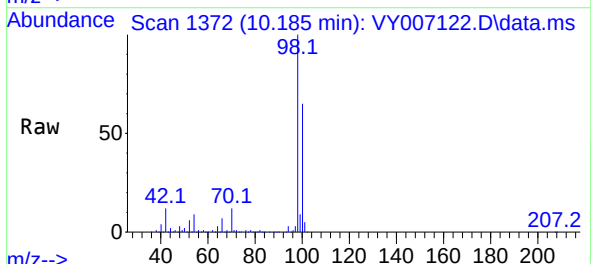
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	17.3	14.2	21.4

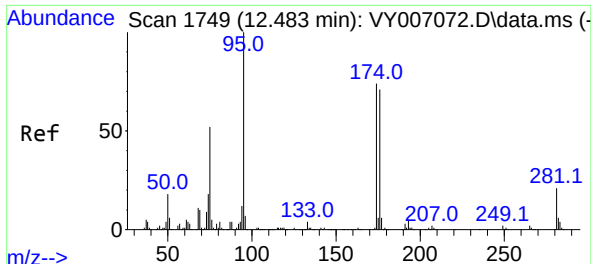


#50
 Toluene-d8
 Concen: 49.712 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY007122.D
 Acq: 11 Jan 2022 18:03

Tgt Ion: 98 Resp: 279559

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

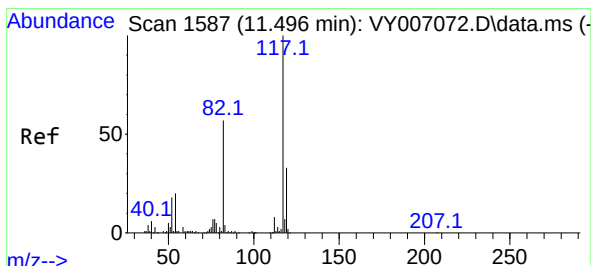
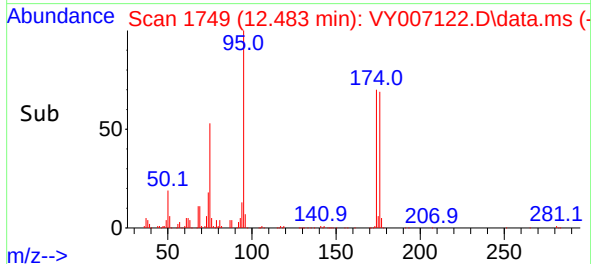
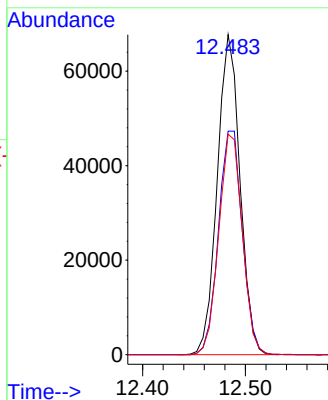
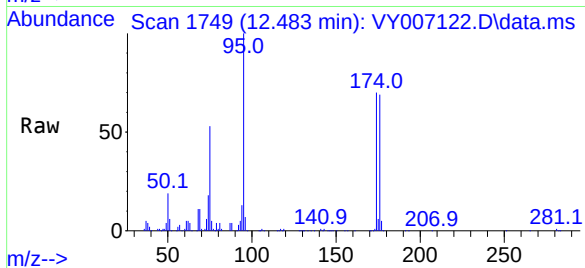




#62
4-Bromofluorobenzene
Concen: 51.212 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

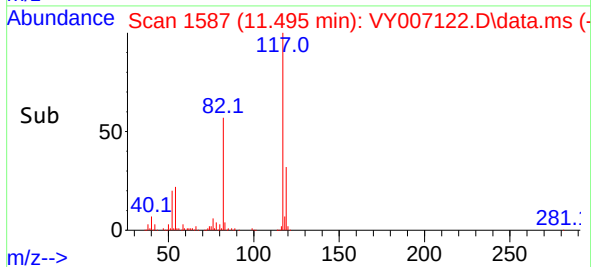
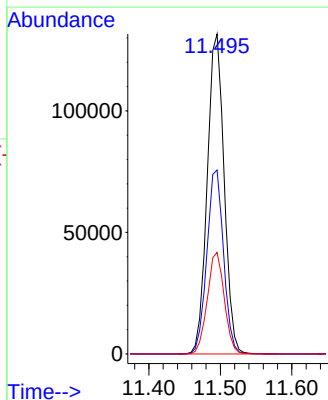
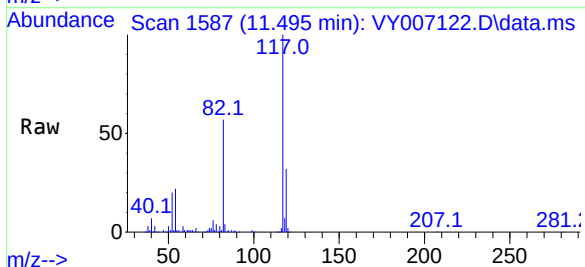
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

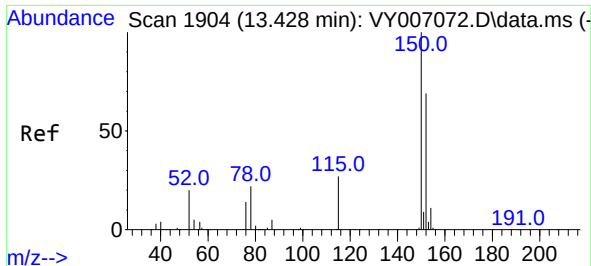
Tgt Ion: 95 Resp: 103868
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.4
176 71.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

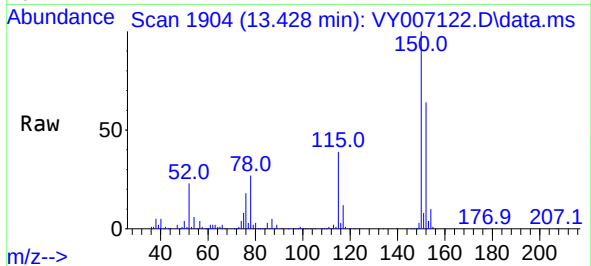
Tgt Ion: 117 Resp: 215733
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 31.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007122.D
 Acq: 11 Jan 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-08



Tgt Ion:	152	Resp:	95269
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.0
150	156.2	0.0	348.4

