

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007117.D
 Acq On : 11 Jan 2022 15:59
 Operator : SY/MD
 Sample : N1099-03
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-03

Quant Time: Jan 12 05:09:20 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)

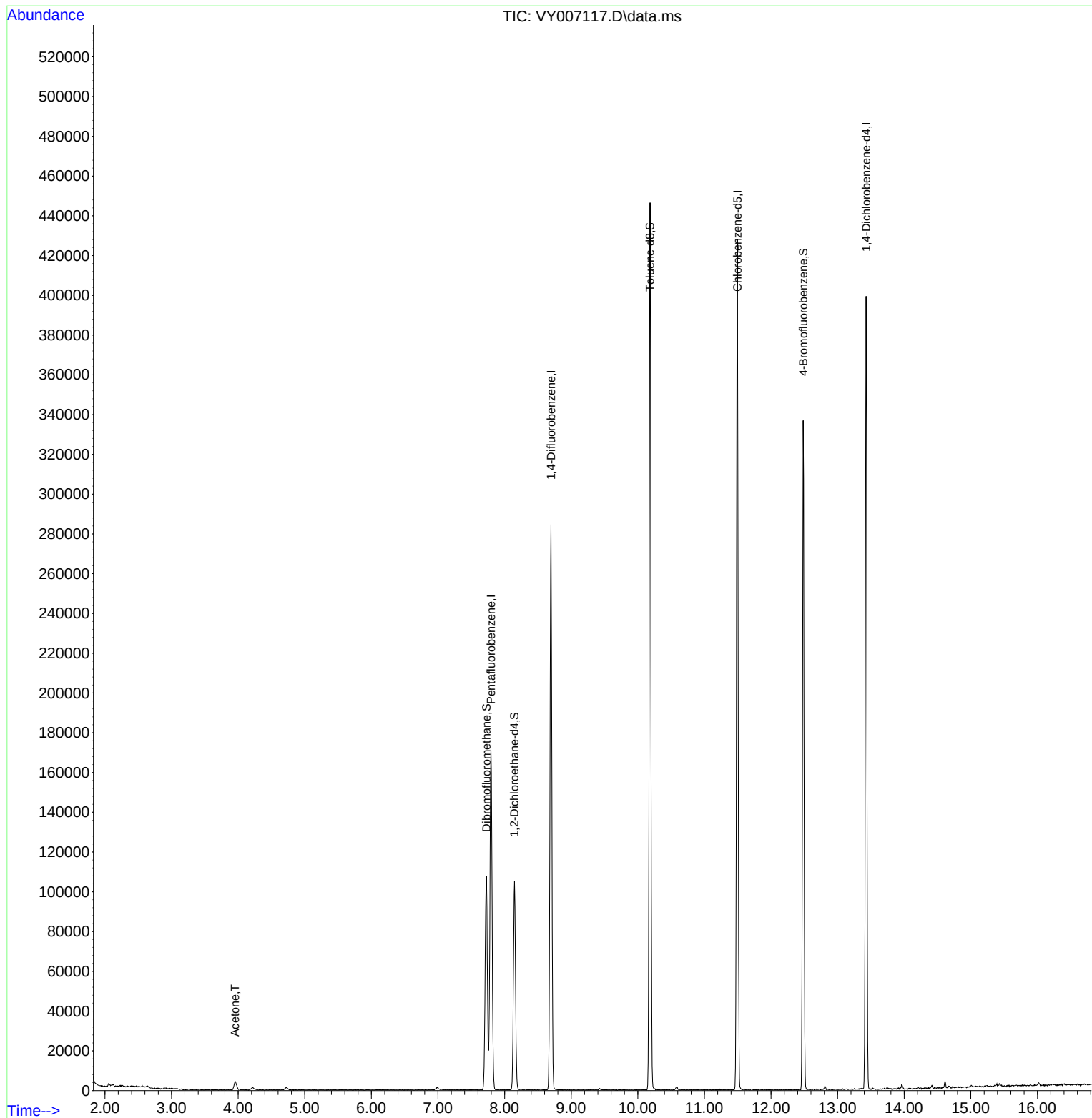
Internal Standards						
1) Pentafluorobenzene	7.795	168	126024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83326	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.540%	
35) Dibromofluoromethane	7.728	113	78384	50.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.185	98	287823	50.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.483	95	106706	51.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.080%	
Target Compounds						
16) Acetone	3.954	43	7887	27.883	ug/l	Qvalue # 82

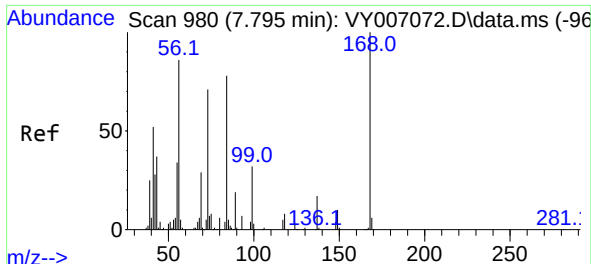
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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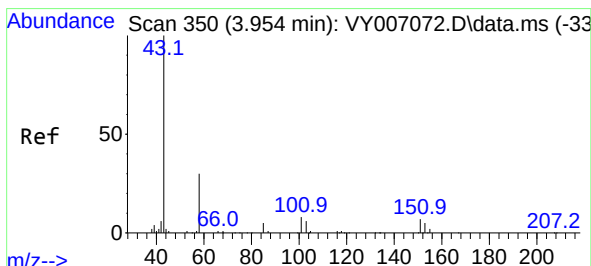
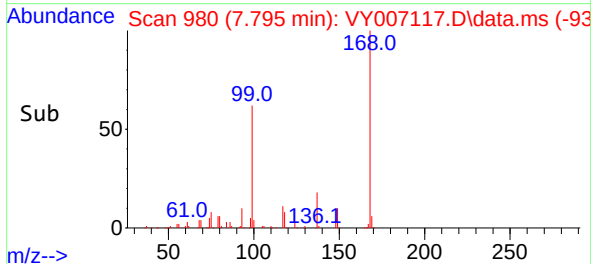
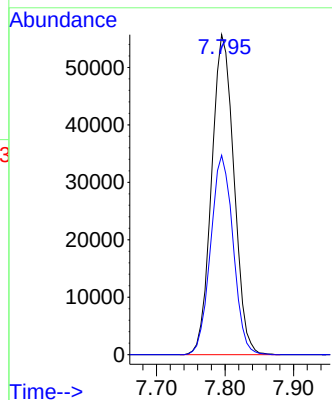
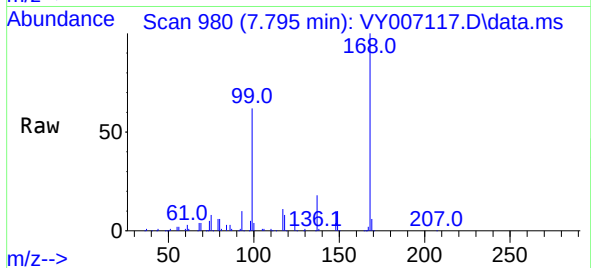




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

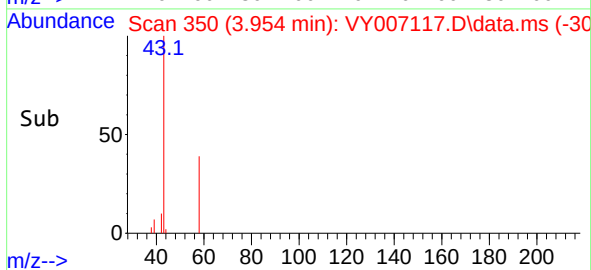
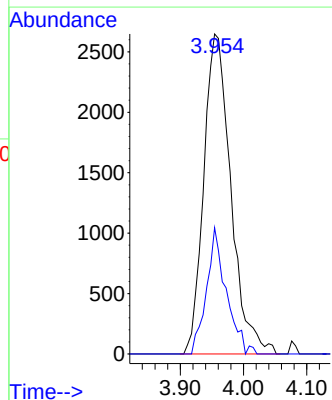
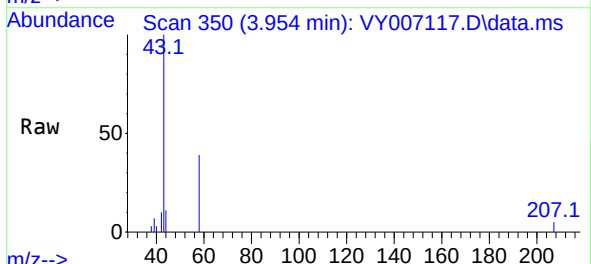
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

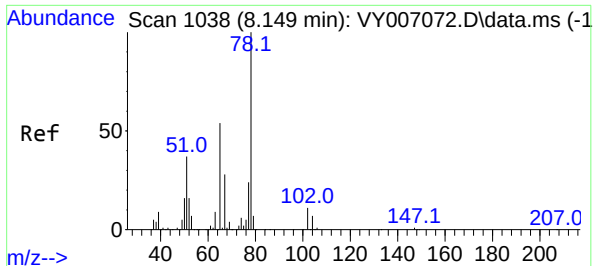
Tgt Ion:168 Resp: 126024
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7



#16
Acetone
Concen: 27.883 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 43 Resp: 7887
Ion Ratio Lower Upper
43 100
58 39.5 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 55.268 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY007117.D

Acq: 11 Jan 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

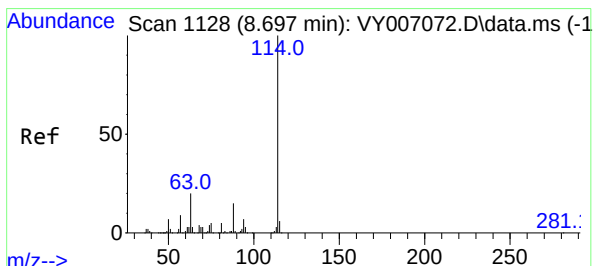
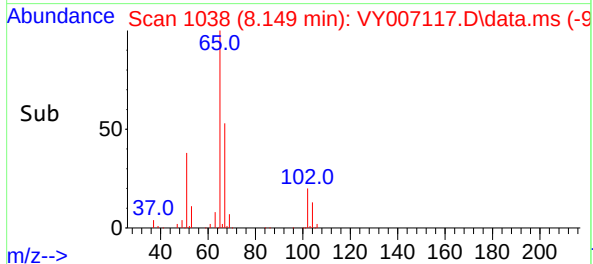
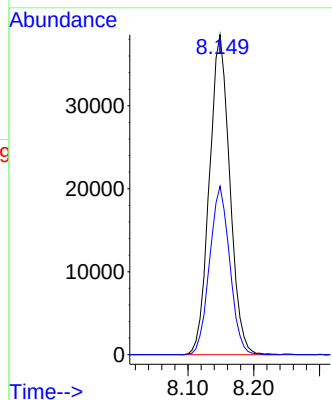
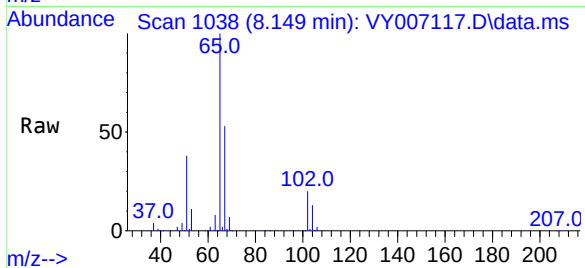
VACLOT-BACKFILL-TILCON-03

Tgt Ion: 65 Resp: 83326

Ion Ratio Lower Upper

65 100

67 51.9 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: VY007117.D

Acq: 11 Jan 2022 15:59

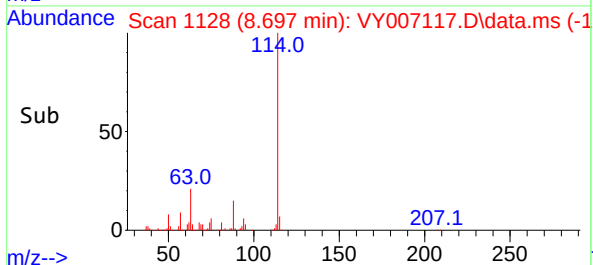
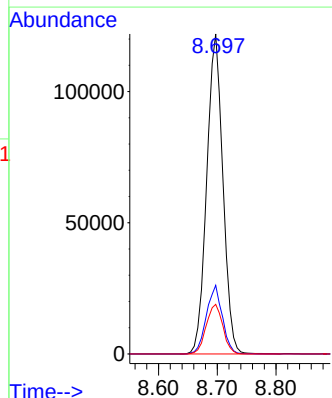
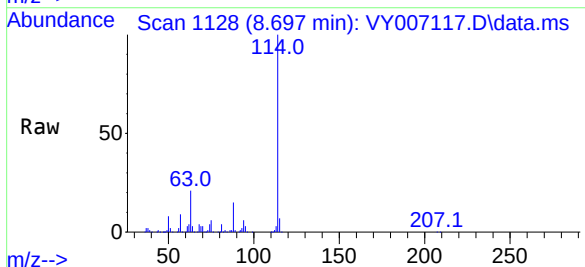
Tgt Ion: 114 Resp: 233205

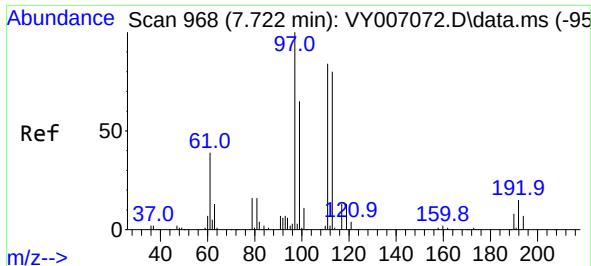
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

88 15.5 0.0 31.0

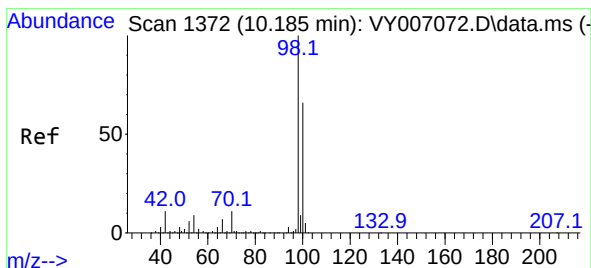
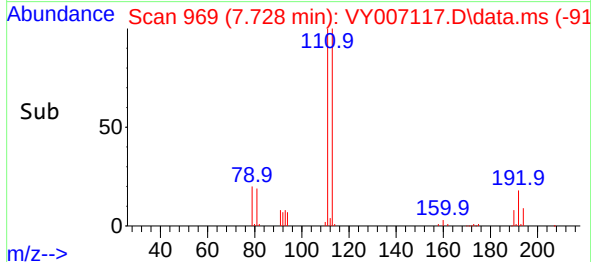
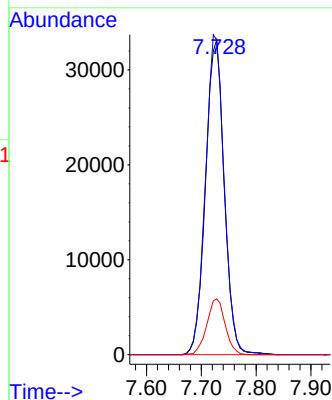
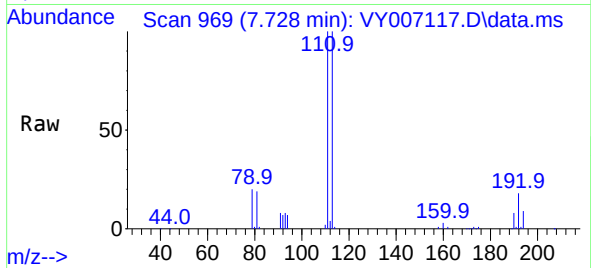




#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

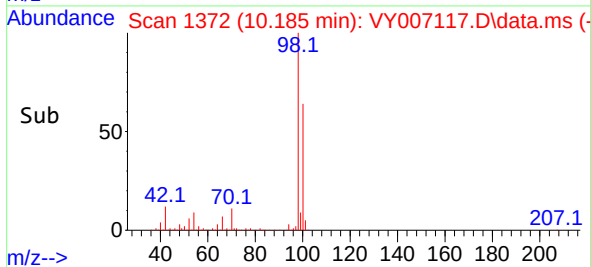
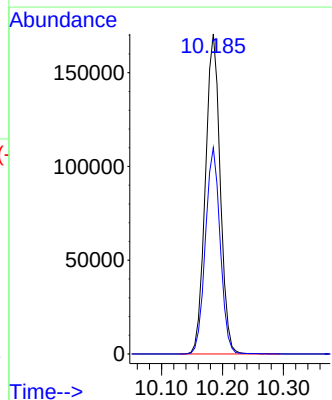
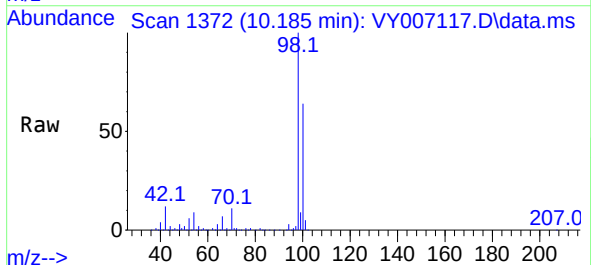
Instrument :
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VACLOT-BACKFILL-TILCON-03

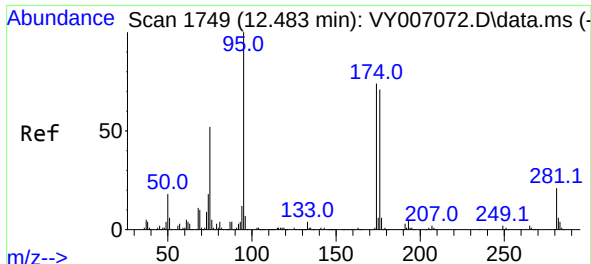
Tgt Ion:113 Resp: 78384
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.4 14.2 21.4



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 98 Resp: 287823
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

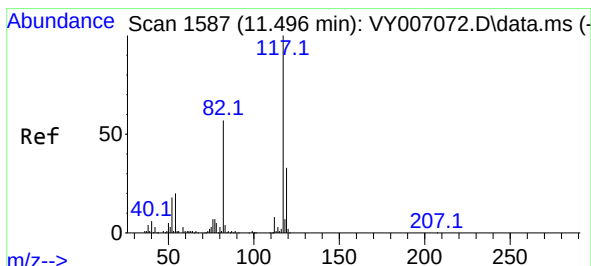
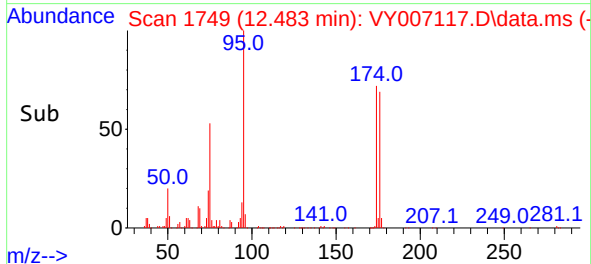
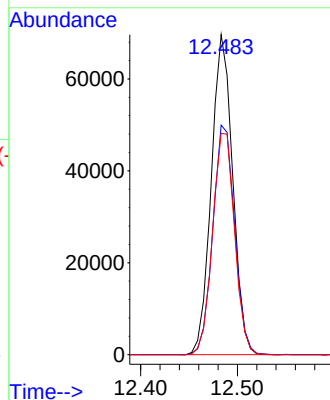
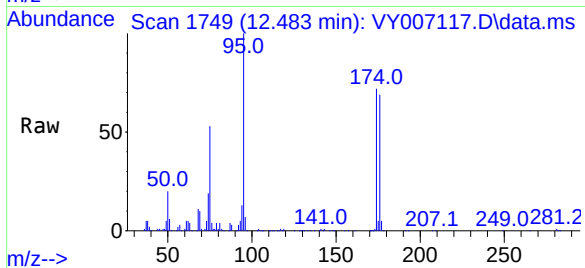




#62
4-Bromofluorobenzene
Concen: 51.535 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

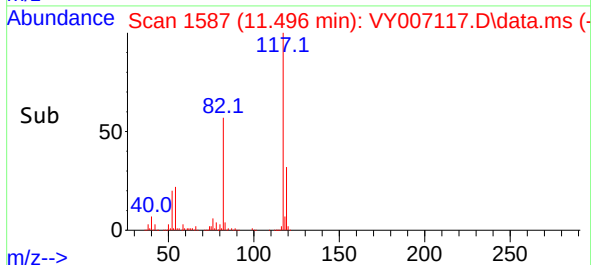
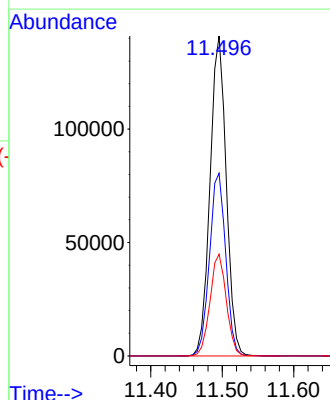
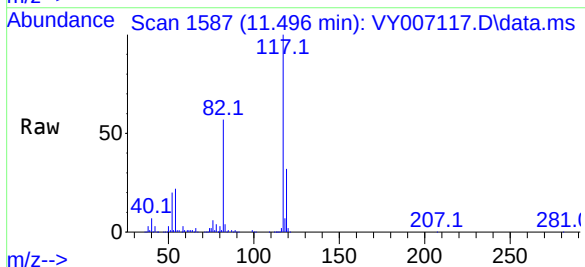
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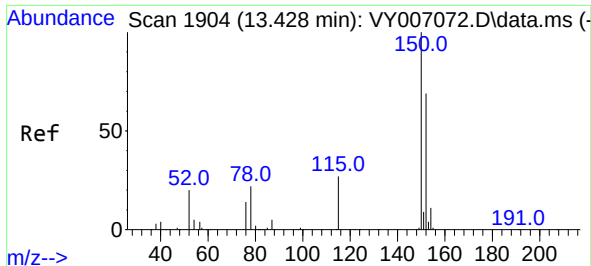
Tgt Ion: 95 Resp: 106706
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.4
176 71.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 117 Resp: 222115
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.8 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: VY007117.D

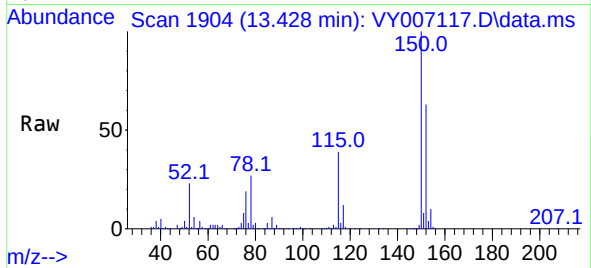
Acq: 11 Jan 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-BACKFILL-TILCON-03



Tgt Ion:152 Resp: 95935

Ion Ratio Lower Upper

152 100

115 63.1 31.4 94.0

150 158.7 0.0 348.4

