

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007121.D
 Acq On : 11 Jan 2022 17:40
 Operator : SY/MD
 Sample : N1099-07
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-07

Quant Time: Jan 12 05:09:58 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)

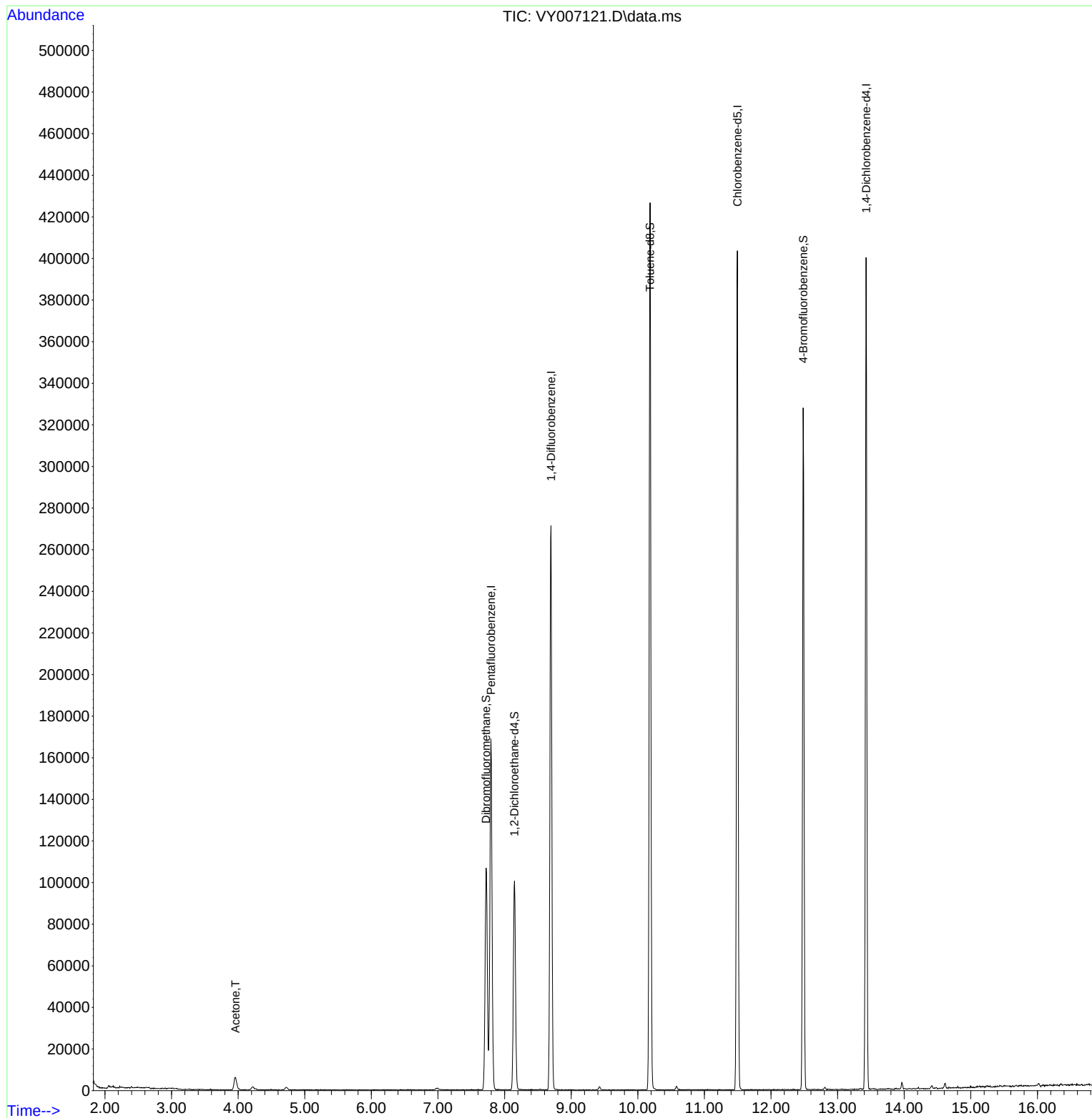
Internal Standards						
1) Pentafluorobenzene	7.795	168	123420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	216974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	81033	54.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.722	113	76316	50.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.185	98	282943	50.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	104523	51.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.060%	
Target Compounds						
16) Acetone	3.960	43	11360	41.008	ug/l	Qvalue 97

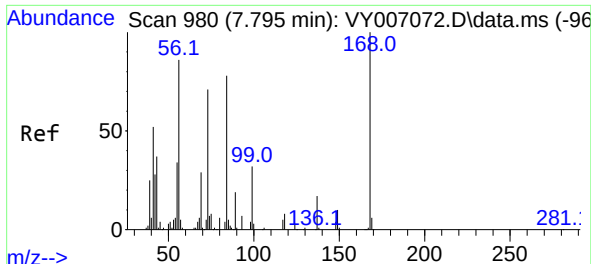
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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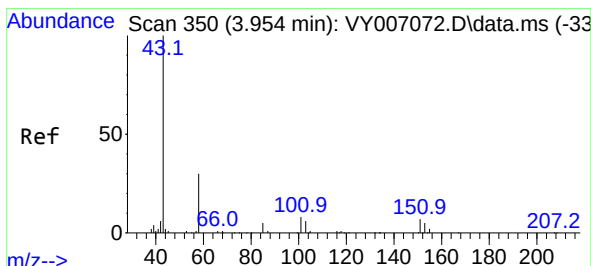
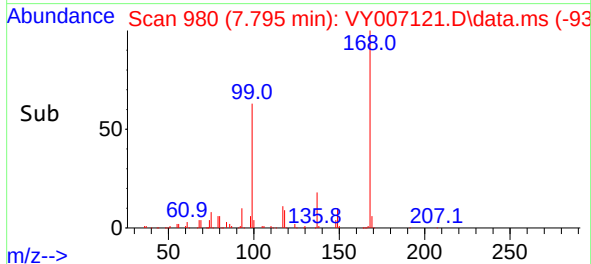
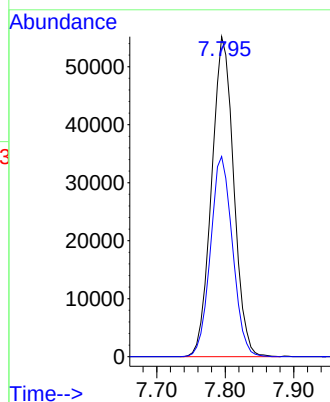
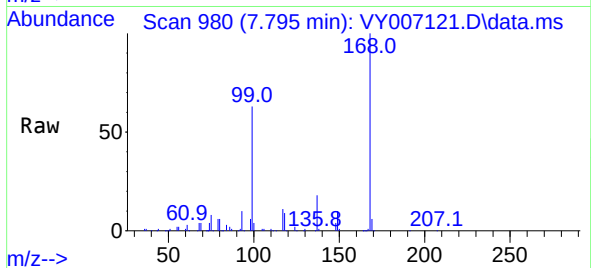




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

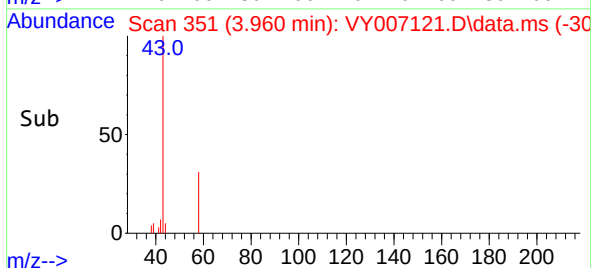
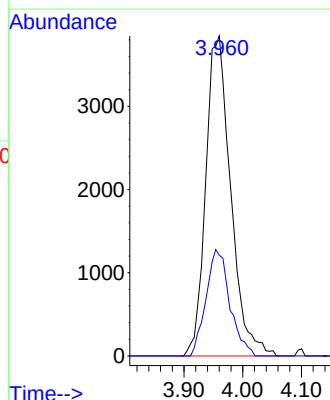
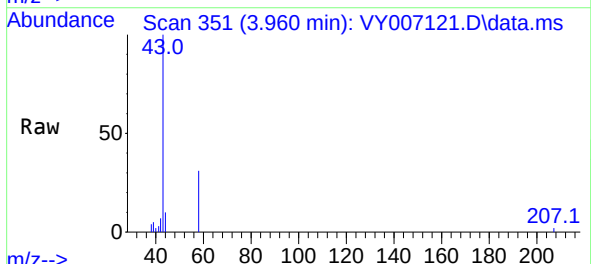
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-07

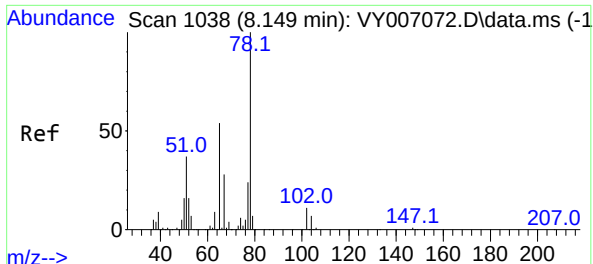
Tgt Ion:168 Resp: 123420
Ion Ratio Lower Upper
168 100
99 62.5 49.1 73.7



#16
Acetone
Concen: 41.008 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 43 Resp: 11360
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 54.881 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY007121.D

Acq: 11 Jan 2022 17:40

Instrument :

MSVOA_Y

ClientSampleId :

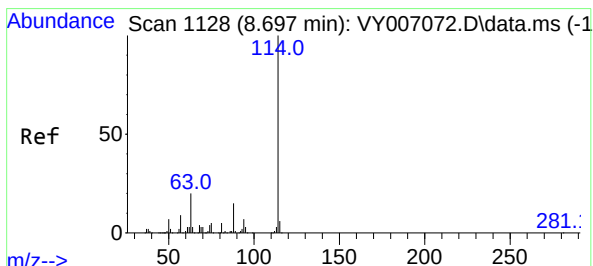
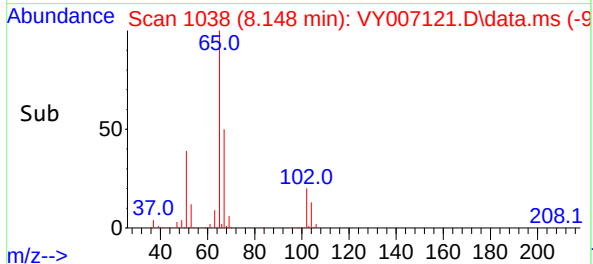
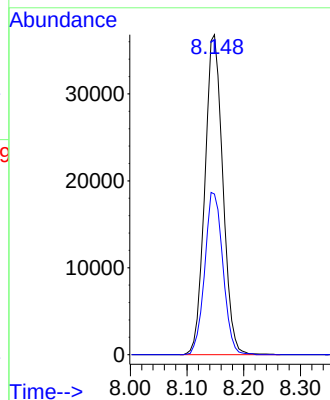
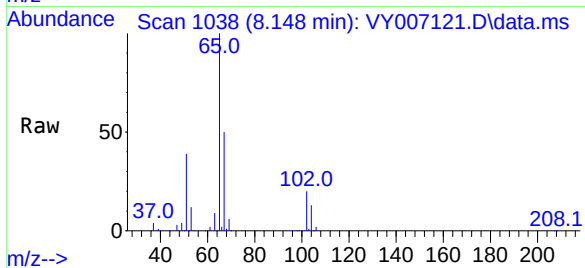
VACLOT-BACKFILL-TILCON-07

Tgt Ion: 65 Resp: 81033

Ion Ratio Lower Upper

65 100

67 51.3 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: VY007121.D

Acq: 11 Jan 2022 17:40

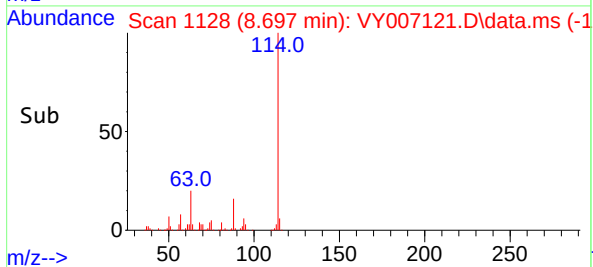
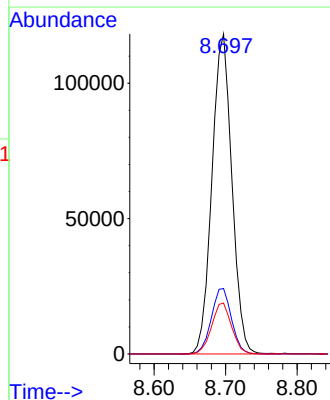
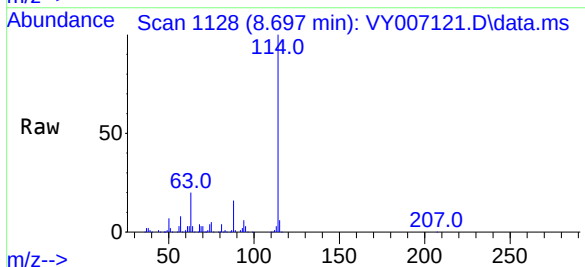
Tgt Ion: 114 Resp: 228470

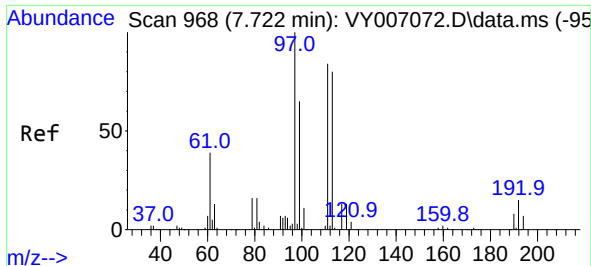
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.9 0.0 31.0

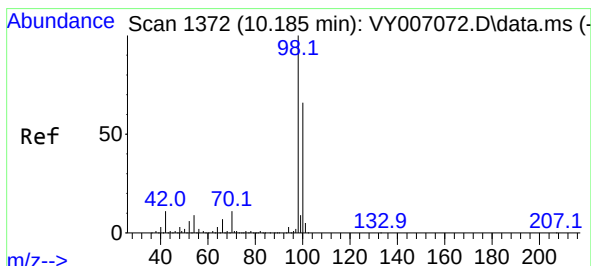
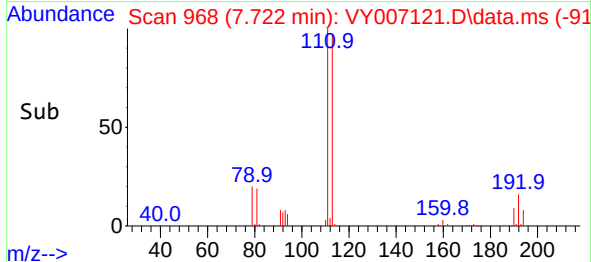
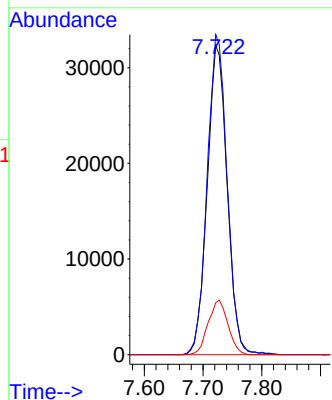
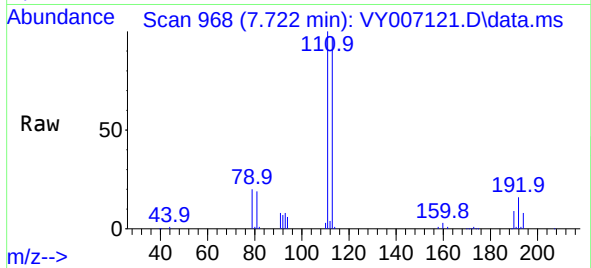




#35
Dibromofluoromethane
Concen: 50.119 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

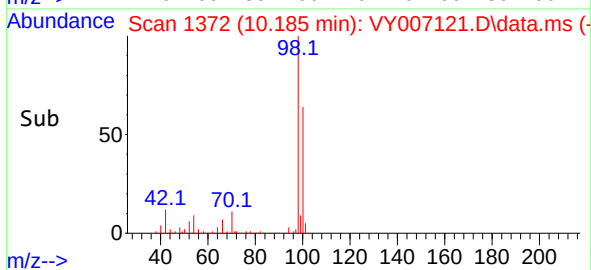
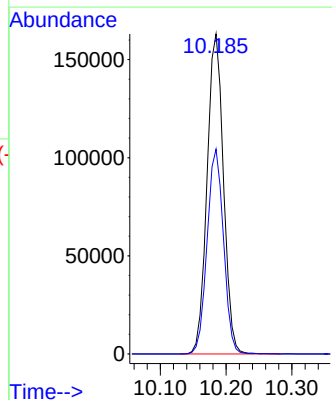
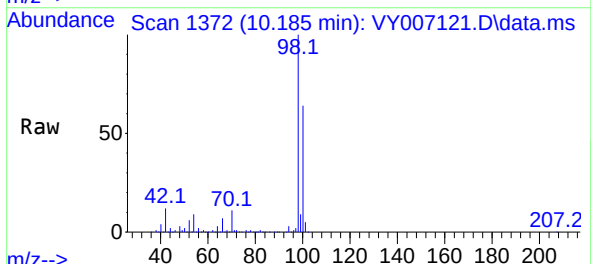
Instrument :
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ClientSampleId :
VACLOT-BACKFILL-TILCON-07

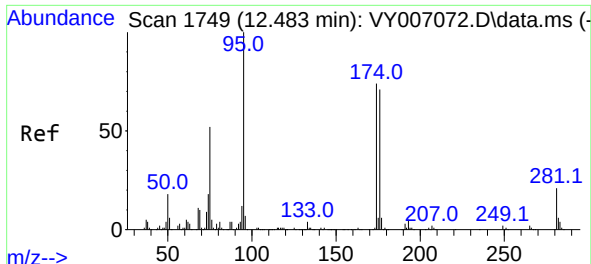
Tgt Ion:113 Resp: 76316
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.5 14.2 21.4



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

Tgt Ion: 98 Resp: 282943
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

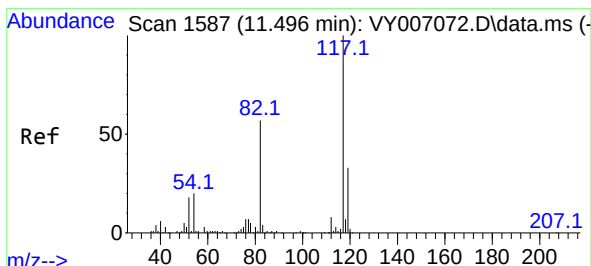
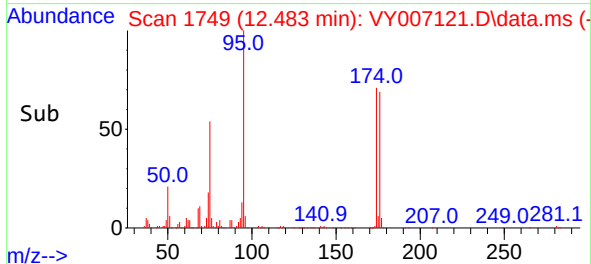
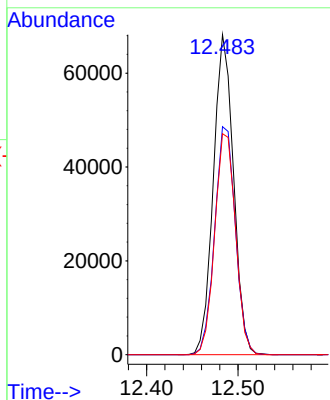
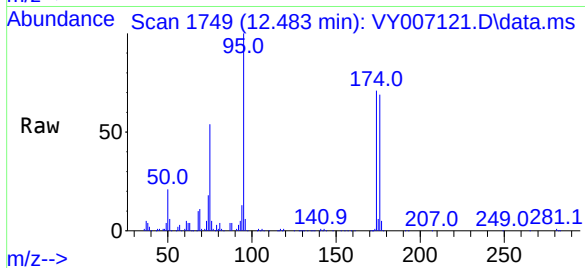




#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

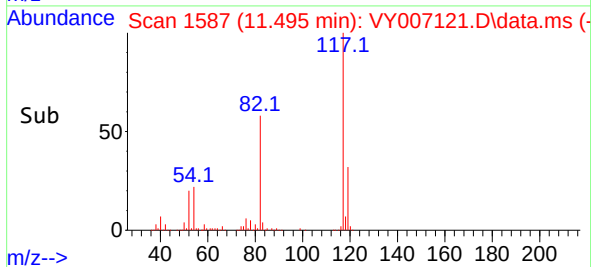
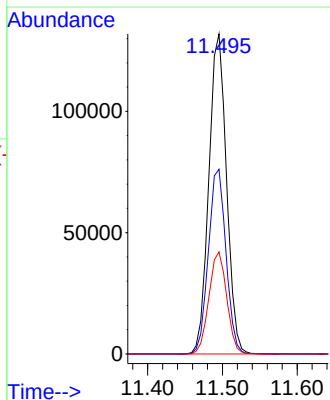
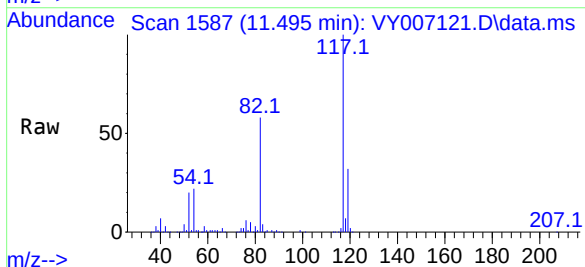
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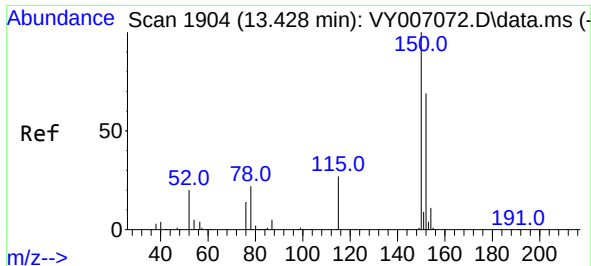
Tgt Ion: 95 Resp: 104523
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.4
176 71.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007121.D
Acq: 11 Jan 2022 17:40

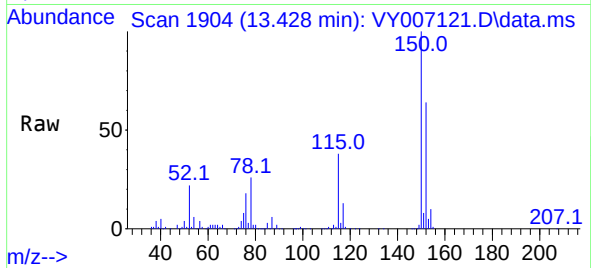
Tgt Ion: 117 Resp: 216974
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 31.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007121.D
 Acq: 11 Jan 2022 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-07



Tgt Ion:	152	Resp:	95973
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.4	94.0
150	157.4	0.0	348.4

