

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007119.D
 Acq On : 11 Jan 2022 16:53
 Operator : SY/MD
 Sample : N1099-05
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-05

Quant Time: Jan 12 05:09:38 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)

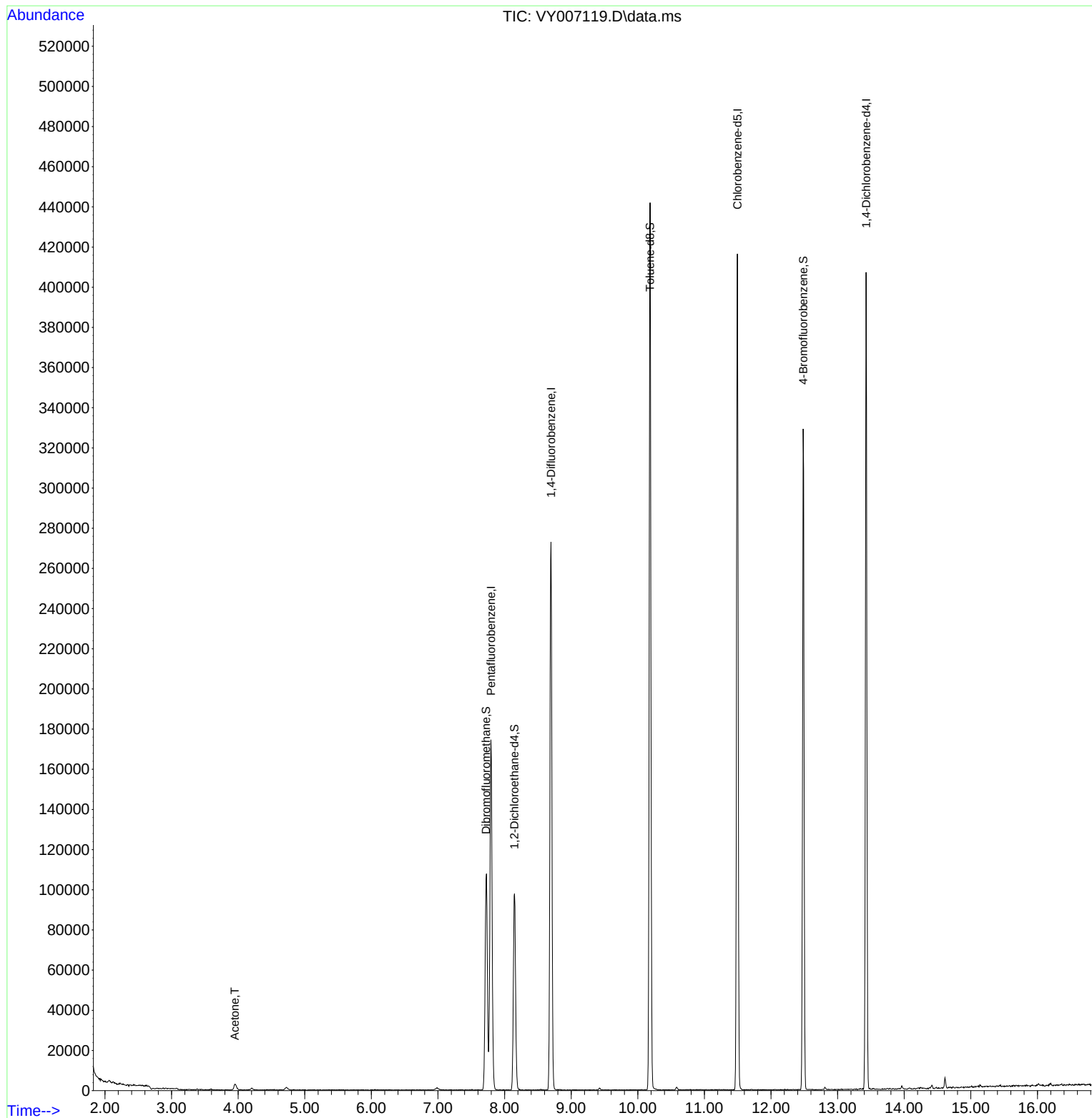
Internal Standards						
1) Pentafluorobenzene	7.795	168	127820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81967	53.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.722	113	77861	49.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.185	98	287836	49.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	104348	49.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.880%
Target Compounds						
16) Acetone	3.948	43	5457	19.021	ug/l	Qvalue 94

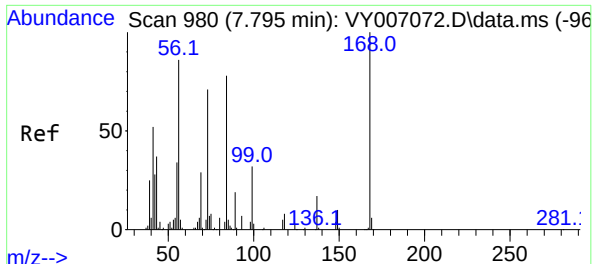
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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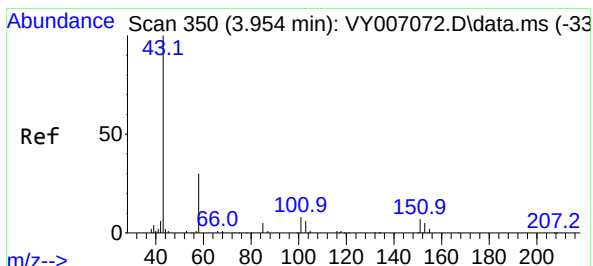
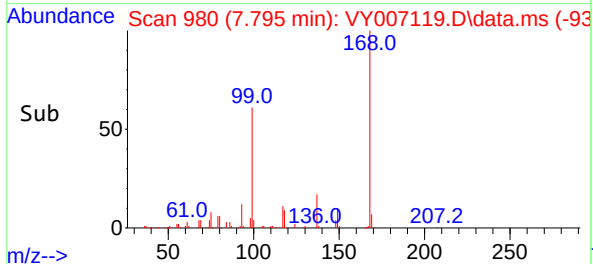
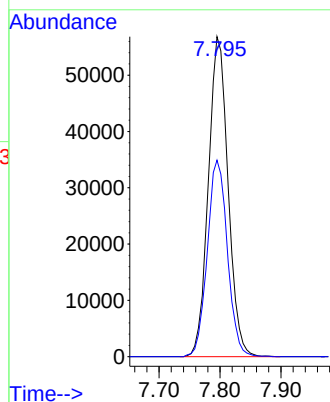
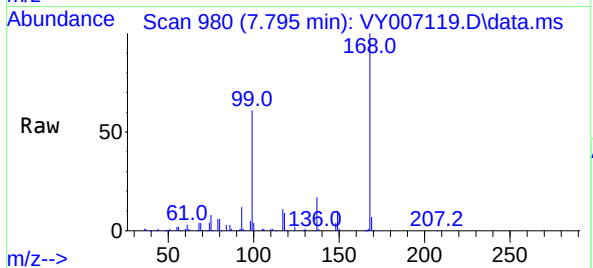




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

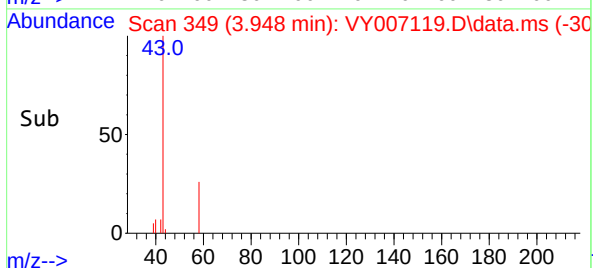
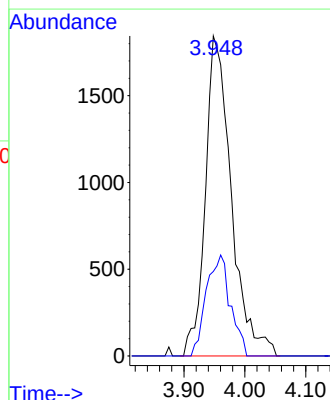
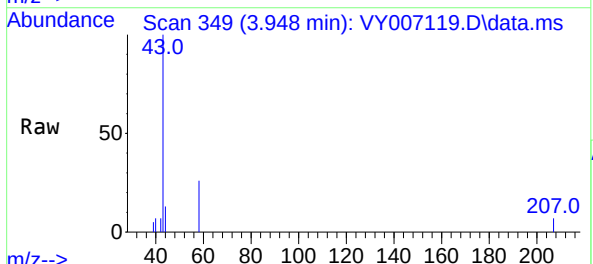
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-05

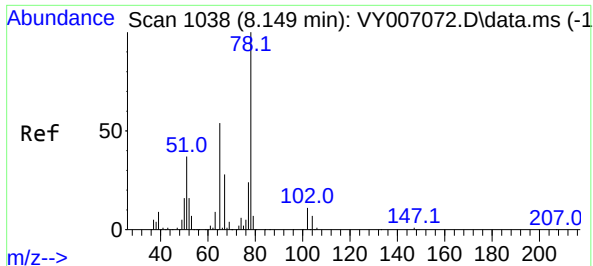
Tgt Ion:168 Resp: 127820
Ion Ratio Lower Upper
168 100
99 61.4 49.1 73.7



#16
Acetone
Concen: 19.021 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 53.603 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY007119.D

Acq: 11 Jan 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

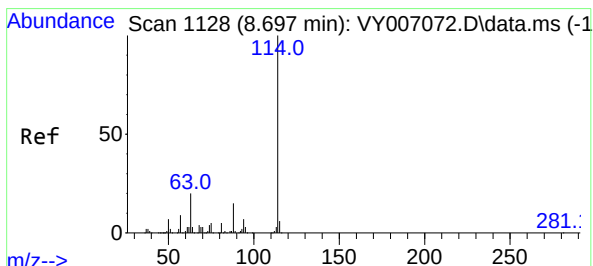
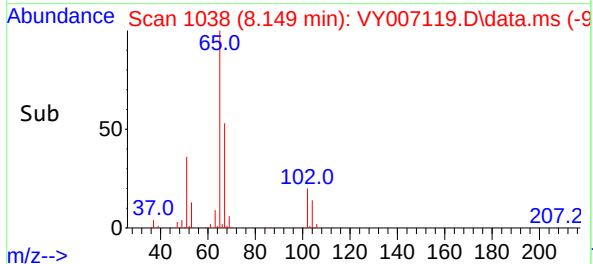
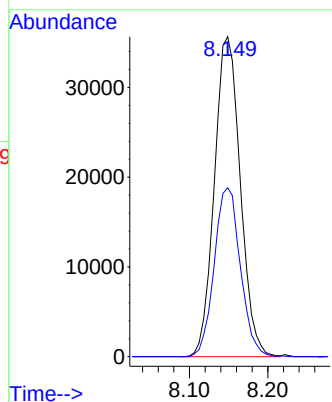
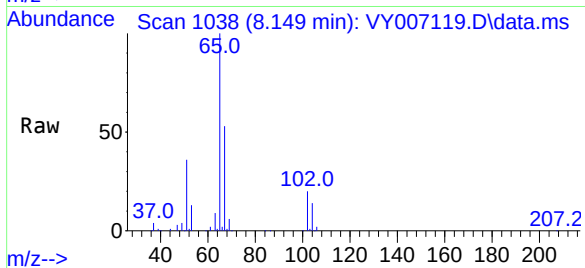
VACLOT-BACKFILL-TILCON-05

Tgt Ion: 65 Resp: 81967

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007119.D

Acq: 11 Jan 2022 16:53

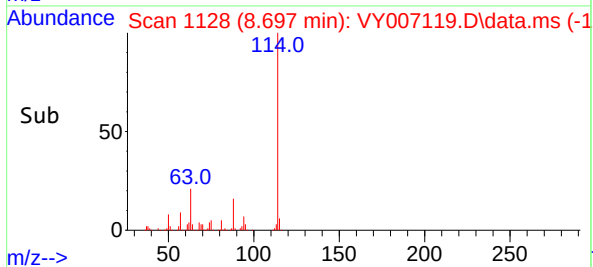
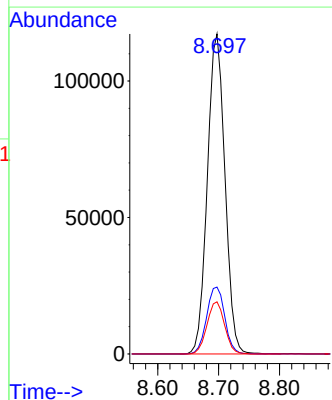
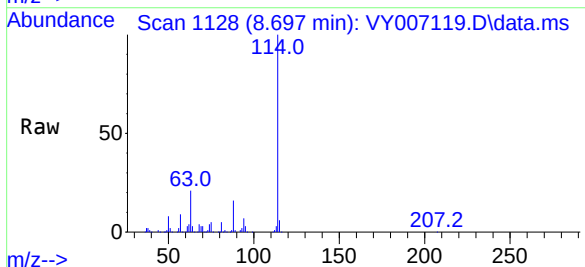
Tgt Ion: 114 Resp: 235334

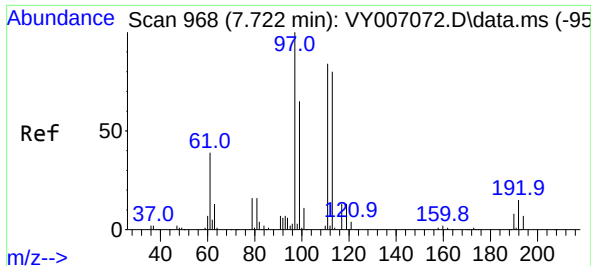
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

88 16.3 0.0 31.0

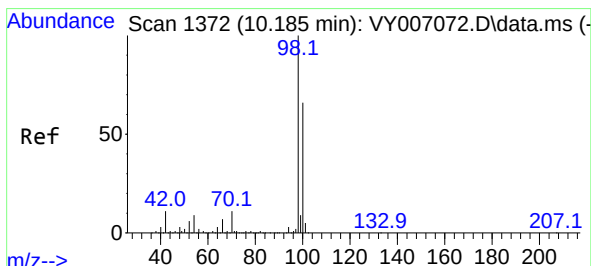
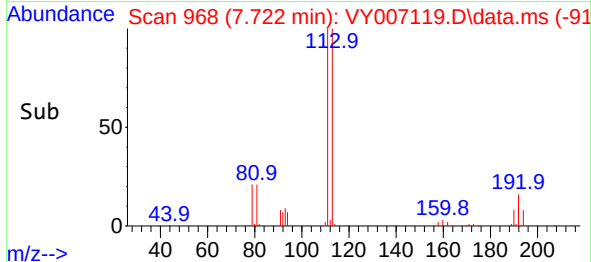
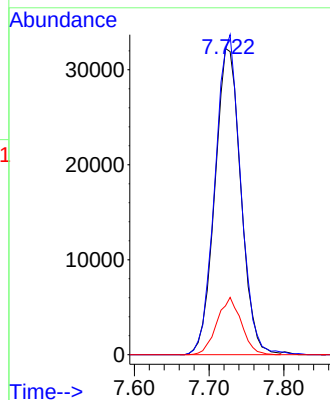
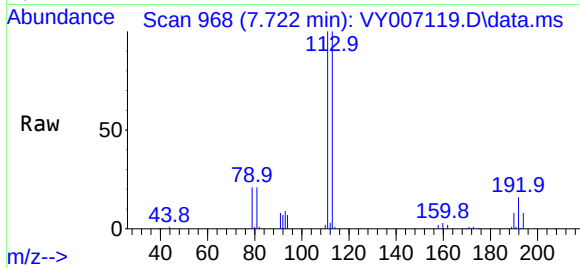




#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

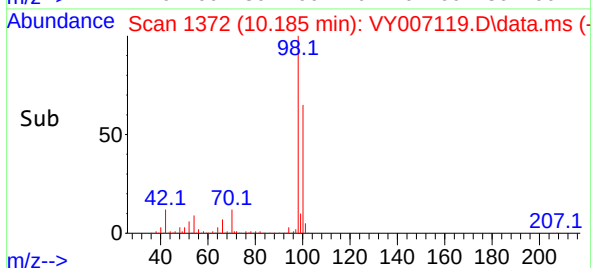
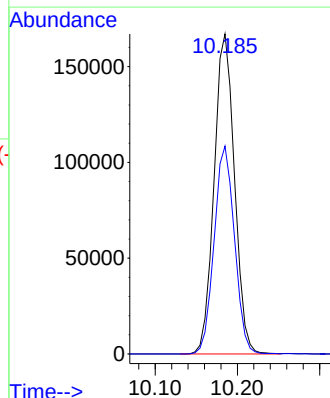
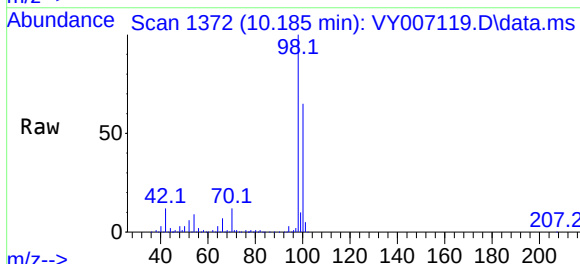
Instrument :
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ClientSampleId :
VACLOT-BACKFILL-TILCON-05

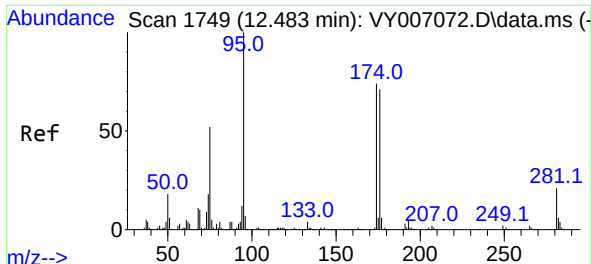
Tgt Ion:113 Resp: 77861
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 49.683 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

Tgt Ion: 98 Resp: 287836
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

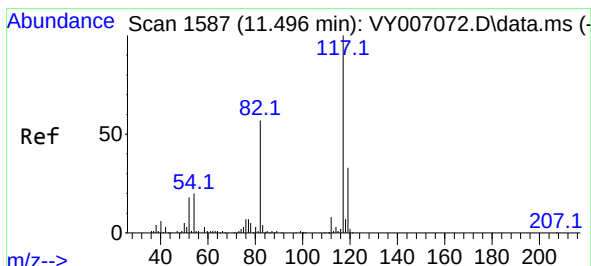
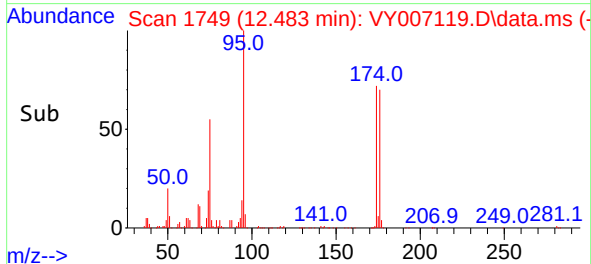
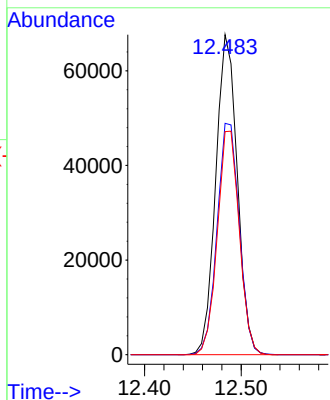
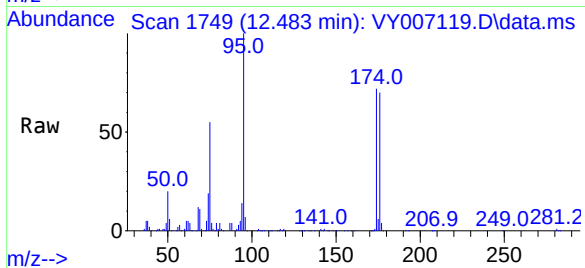




#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

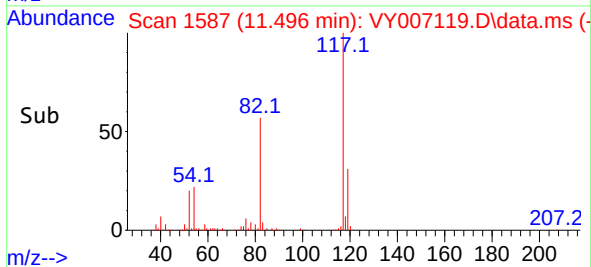
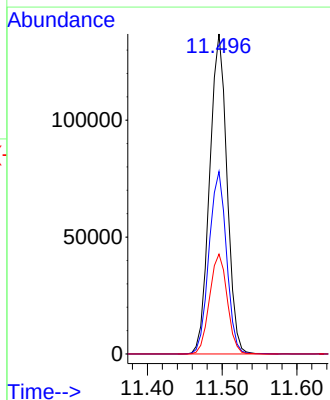
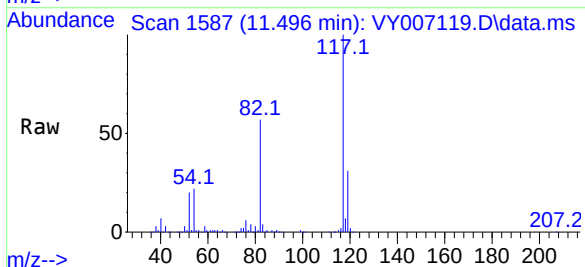
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MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-05

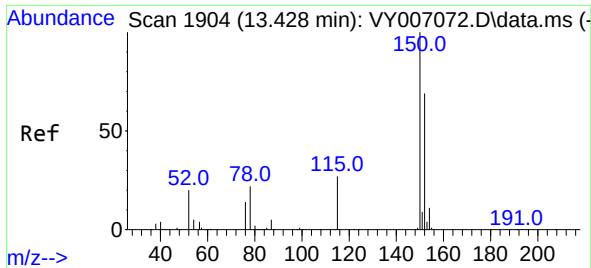
Tgt Ion: 95 Resp: 104348
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.4
176 71.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007119.D
Acq: 11 Jan 2022 16:53

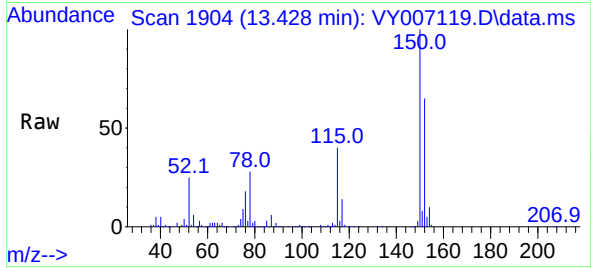
Tgt Ion: 117 Resp: 220760
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 31.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007119.D
 Acq: 11 Jan 2022 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-05



Tgt Ion:	152	Resp:	95545
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.4	94.0
150	157.7	0.0	348.4

