

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007115.D
 Acq On : 11 Jan 2022 15:01
 Operator : SY/MD
 Sample : N1099-01
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-01

Quant Time: Jan 12 05:09:02 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)

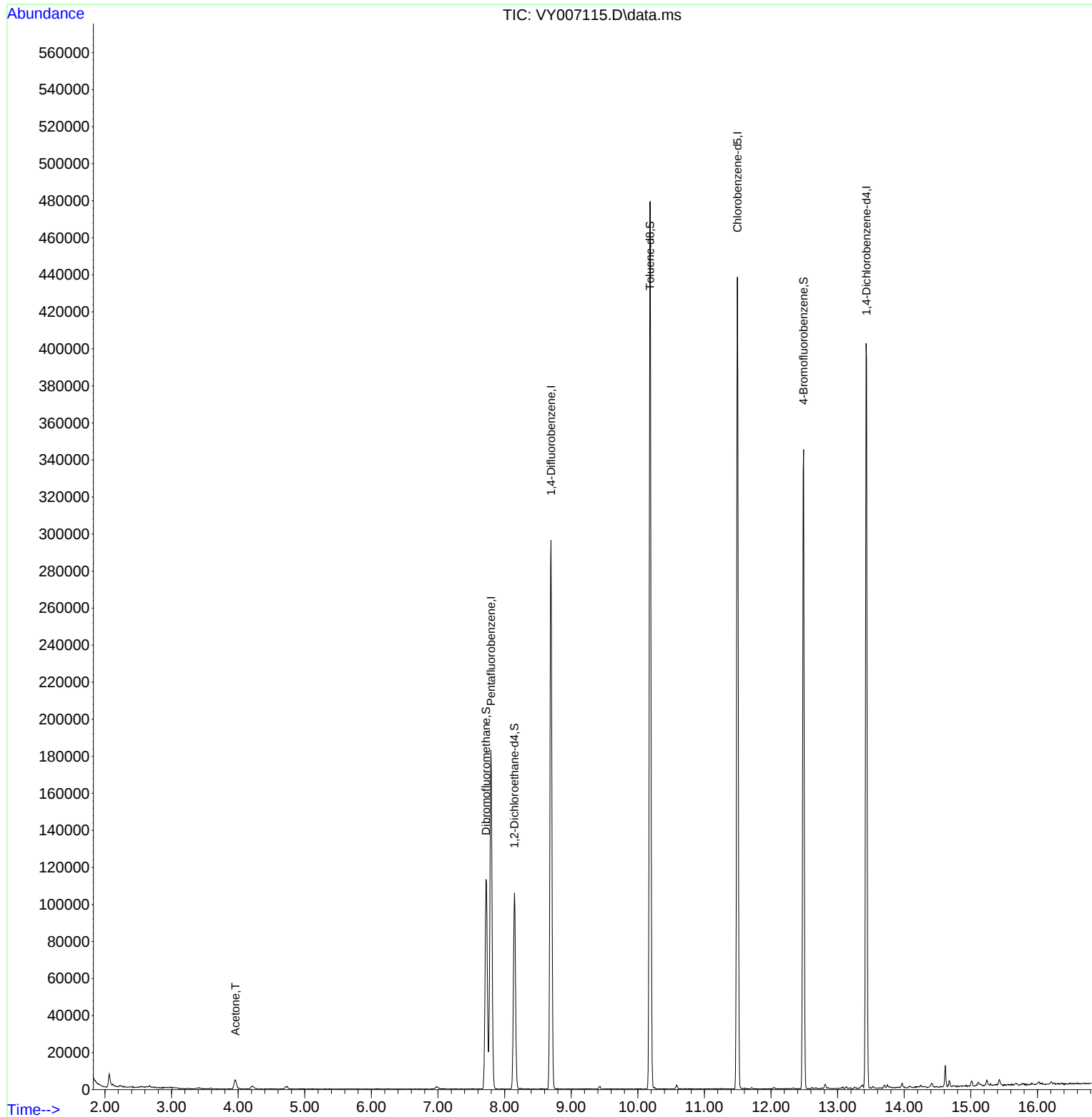
Internal Standards						
1) Pentafluorobenzene	7.795	168	134281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	231426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85362	53.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.280%	
35) Dibromofluoromethane	7.722	113	82515	49.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.185	98	304101	49.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.489	95	110794	50.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.260%	
Target Compounds						
16) Acetone	3.960	43	9012	29.901	ug/l	Qvalue 100

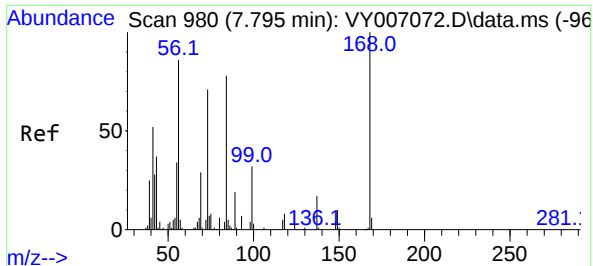
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007115.D
Acq On : 11 Jan 2022 15:01
Operator : SY/MD
Sample : N1099-01
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

Quant Time: Jan 12 05:09:02 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

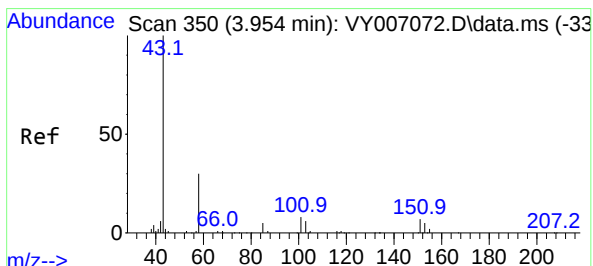
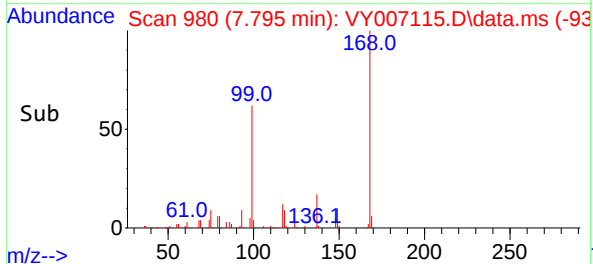
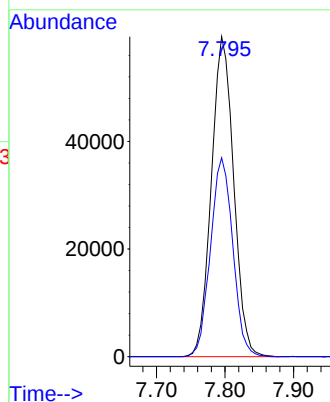
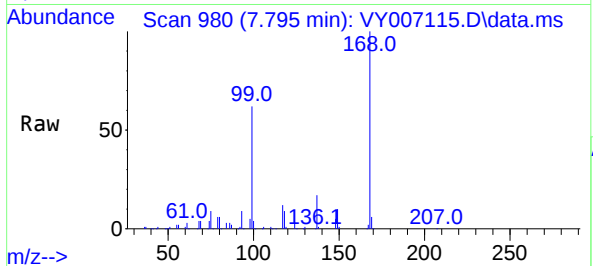




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

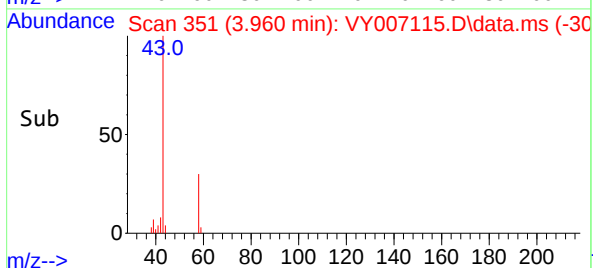
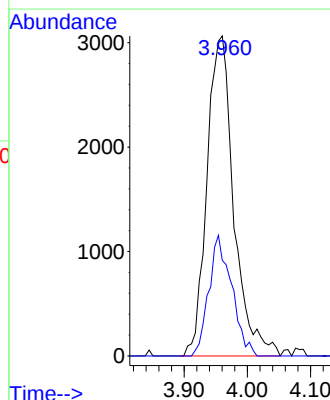
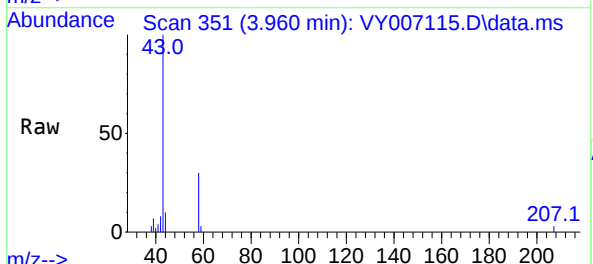
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

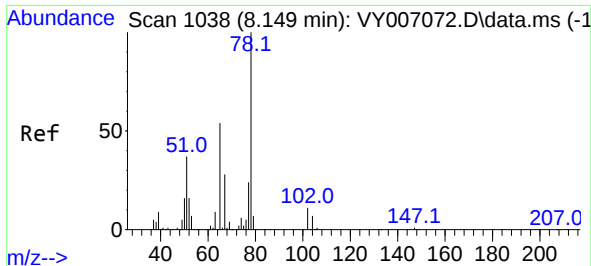
Tgt Ion:168 Resp: 134281
Ion Ratio Lower Upper
168 100
99 62.2 49.1 73.7



#16
Acetone
Concen: 29.901 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

Tgt Ion: 43 Resp: 9012
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6

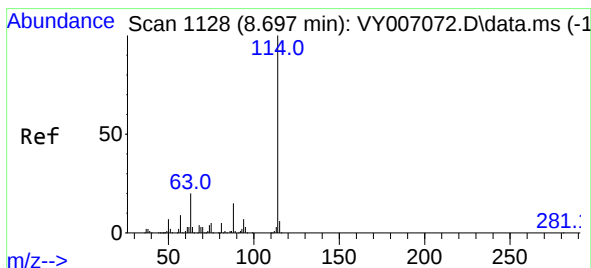
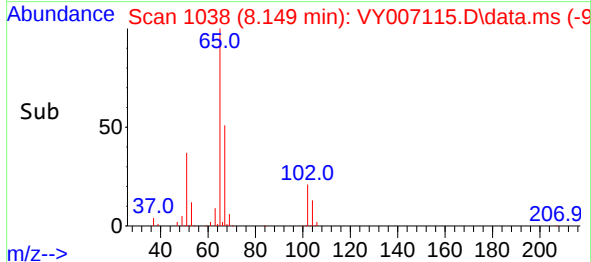
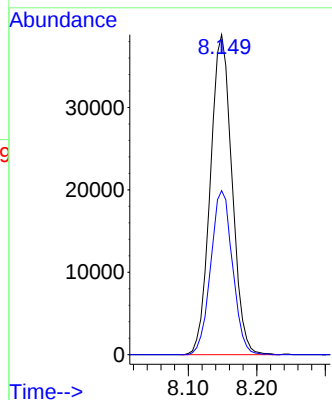
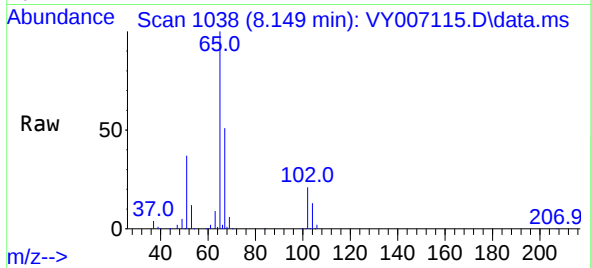




#33
 1,2-Dichloroethane-d4
 Concen: 53.137 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007115.D
 Acq: 11 Jan 2022 15:01

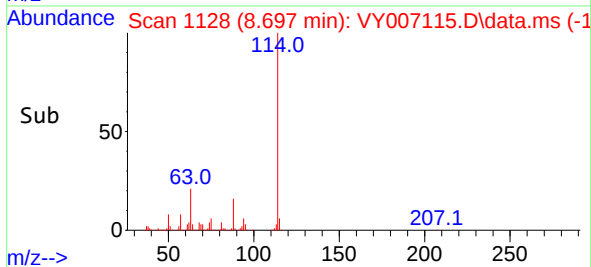
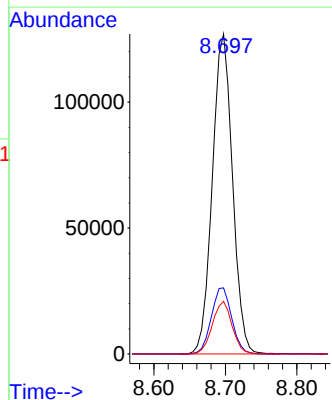
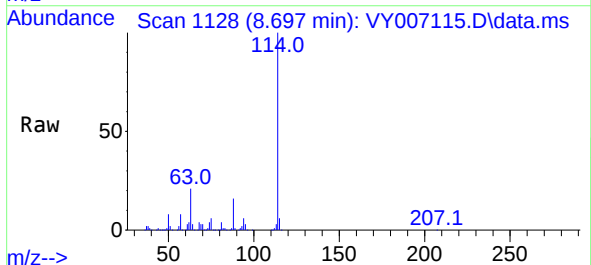
Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-01

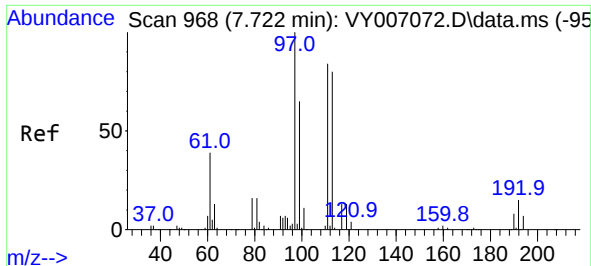
Tgt Ion: 65 Resp: 85362
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007115.D
 Acq: 11 Jan 2022 15:01

Tgt Ion:114 Resp: 248908
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 16.4 0.0 31.0

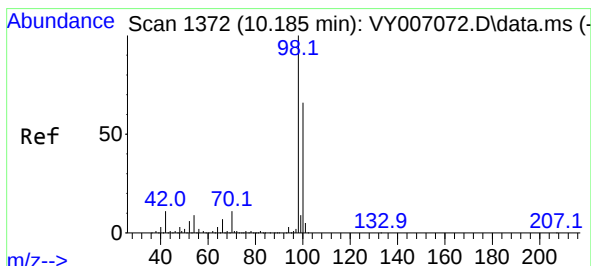
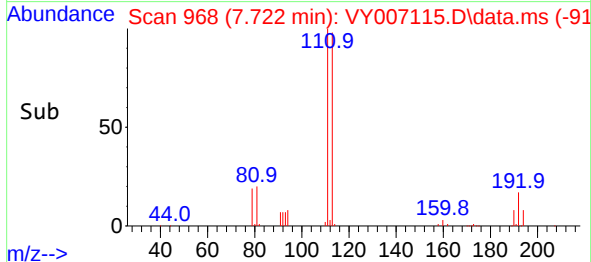
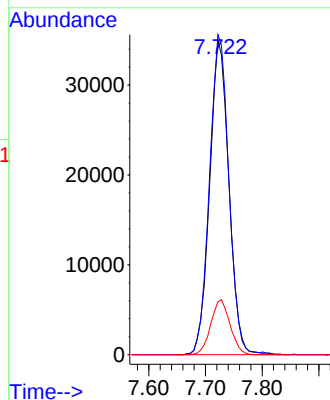
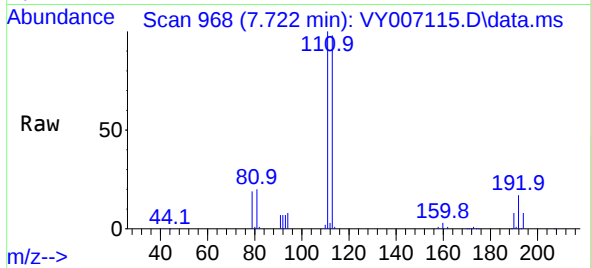




#35
Dibromofluoromethane
Concen: 49.740 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

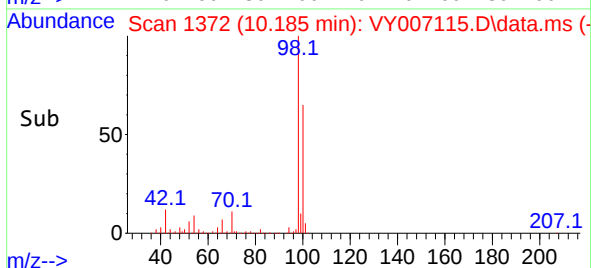
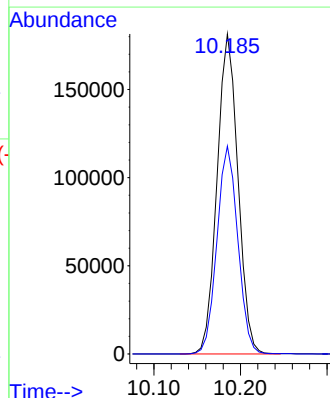
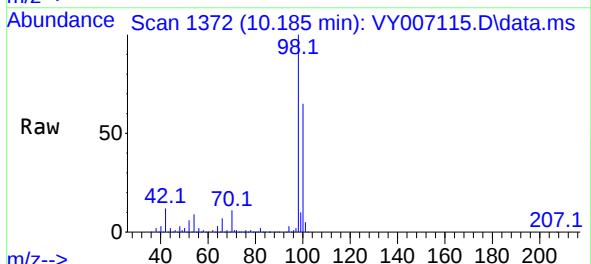
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

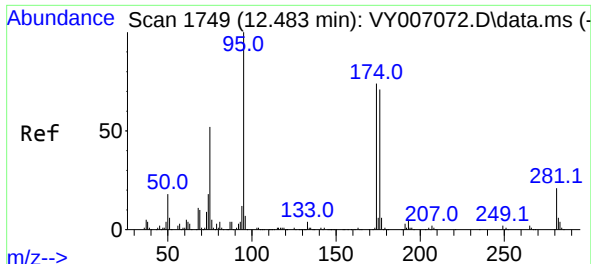
Tgt Ion:113 Resp: 82515
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.5 14.2 21.4



#50
Toluene-d8
Concen: 49.628 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

Tgt Ion: 98 Resp: 304101
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

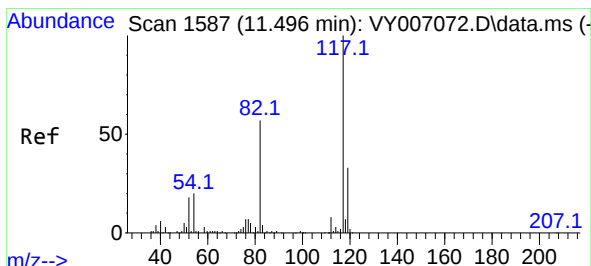
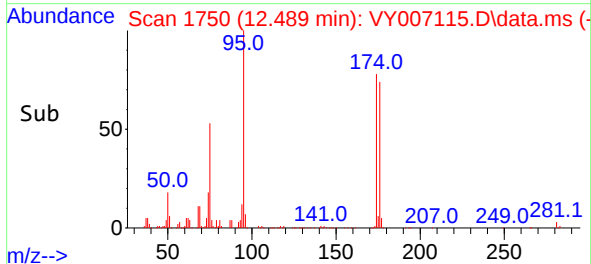
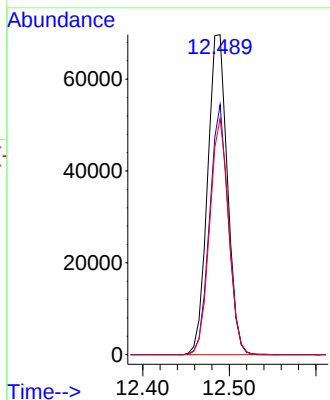
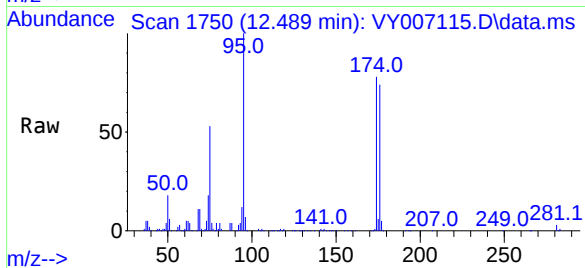




#62
4-Bromofluorobenzene
Concen: 50.134 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

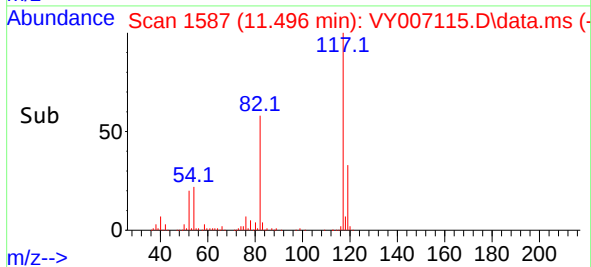
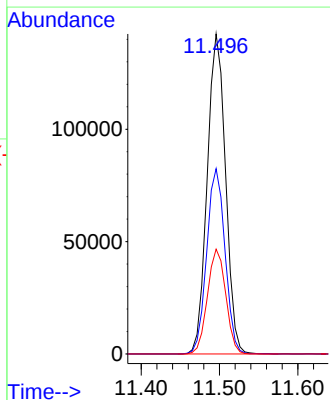
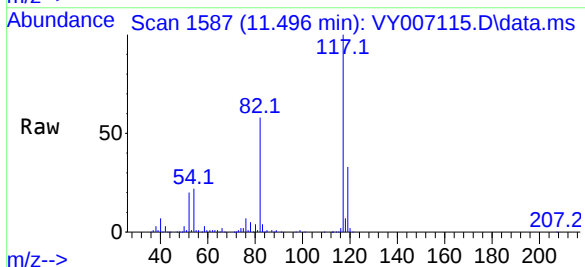
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

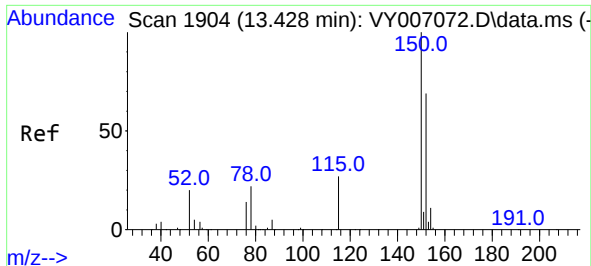
Tgt Ion: 95 Resp: 110794
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.4
176 70.7 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007115.D
Acq: 11 Jan 2022 15:01

Tgt Ion: 117 Resp: 231426
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY007115.D

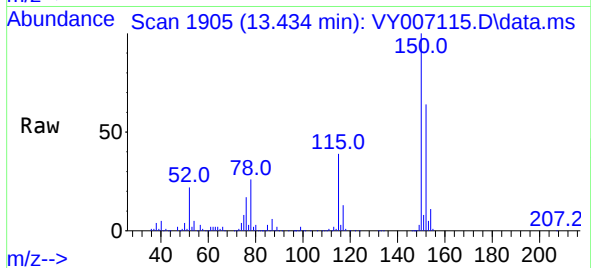
Acq: 11 Jan 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-BACKFILL-TILCON-01



Tgt Ion:152 Resp: 99357

Ion Ratio Lower Upper

152 100

115 63.1 31.4 94.0

150 155.6 0.0 348.4

