

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007147.D
 Acq On : 13 Jan 2022 16:51
 Operator : SY/MD
 Sample : N1099-10
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-10

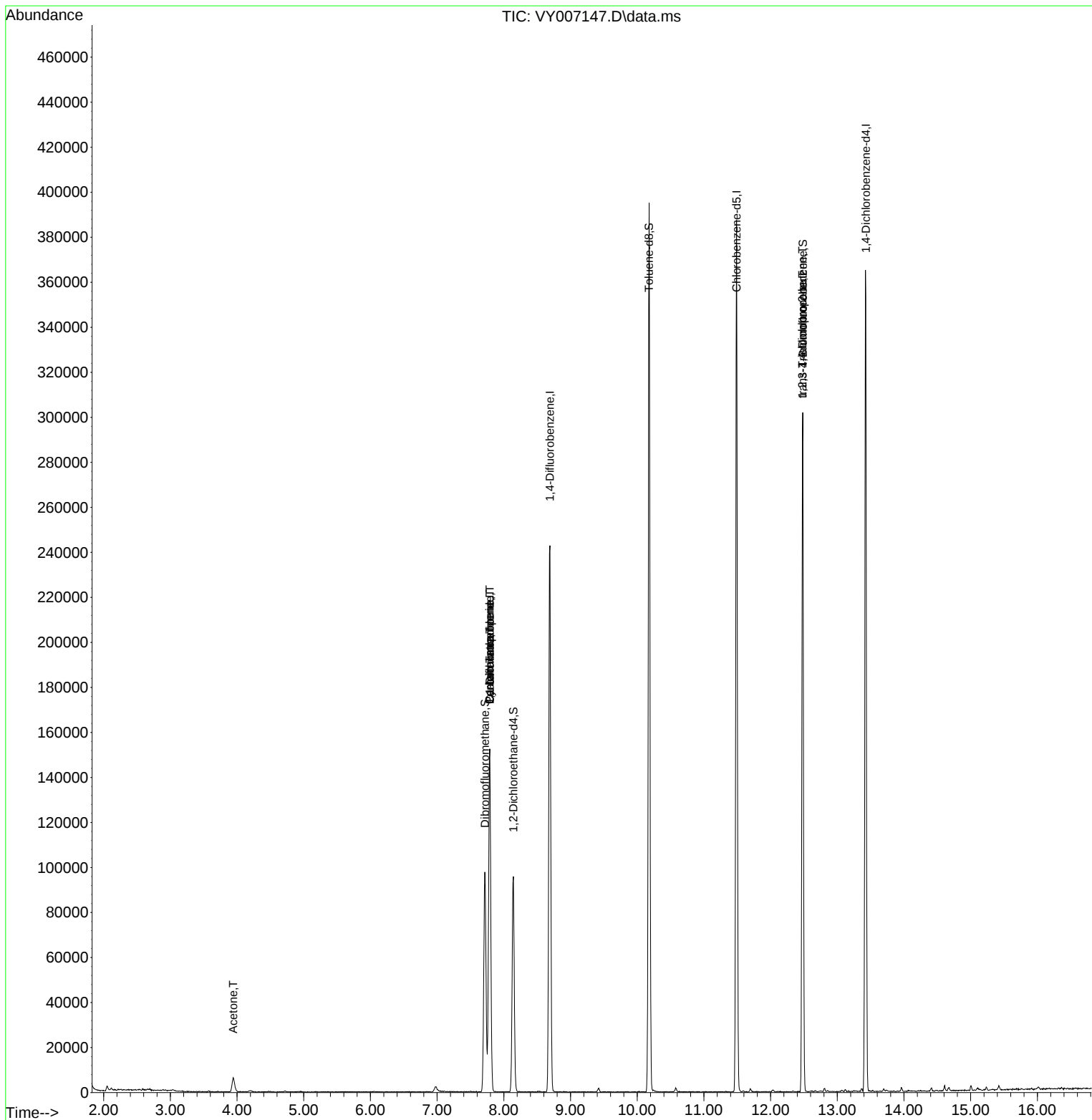
Quant Time: Jan 14 05:53:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

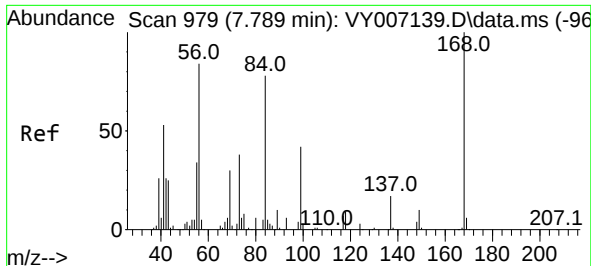
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	111495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76154	55.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.340%
35) Dibromofluoromethane	7.716	113	69123	49.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.179	98	253632	49.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.483	95	95590	52.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	108	Below Cal	#	57
16) Acetone	3.942	43	11120	31.320	ug/l	96
31) Cyclohexane	7.789	56	2452	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9767	4.346	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12244	5.180	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	52005	51.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52005	94.248	ug/l #	3

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

Quant Time: Jan 14 05:53:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

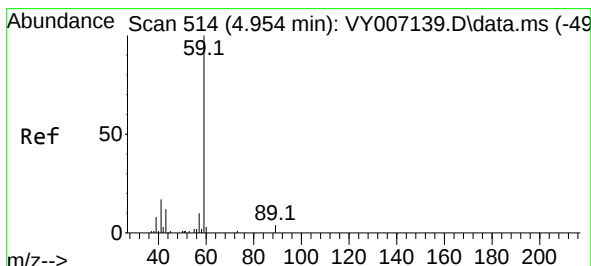
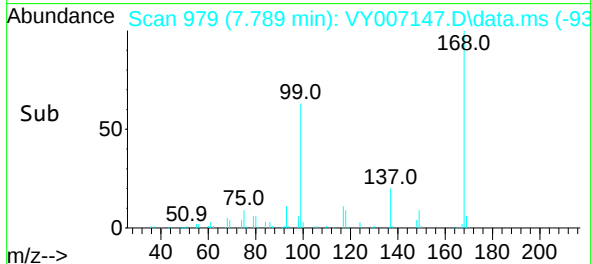
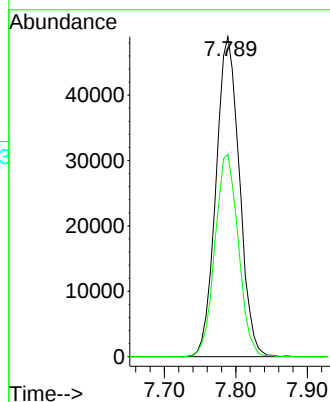
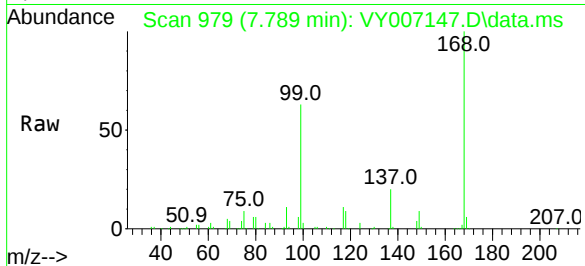




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

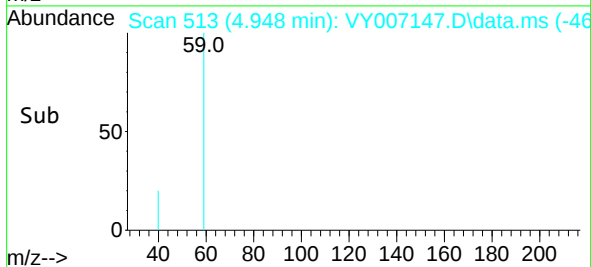
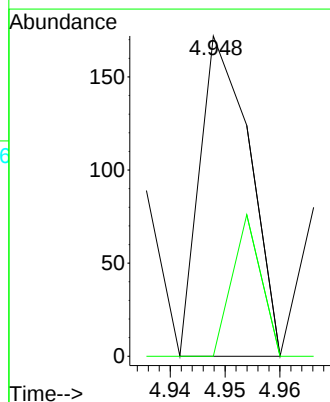
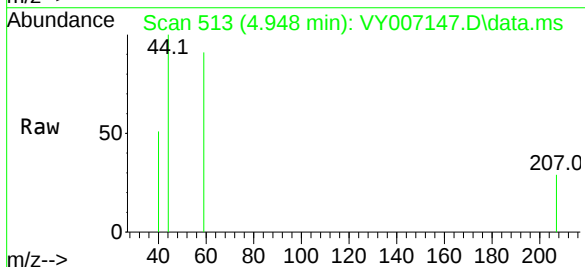
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

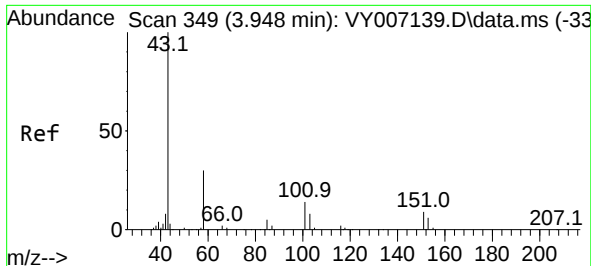
Tgt Ion:168 Resp: 111495
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 25.9 8.1 12.1#

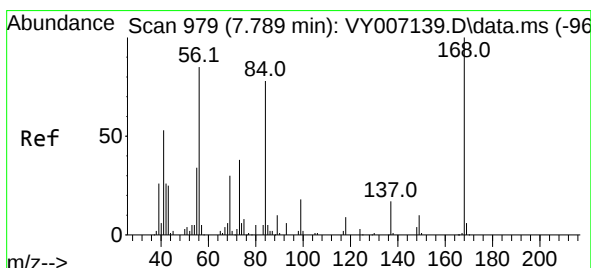
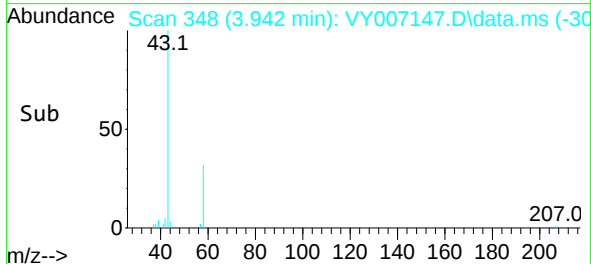
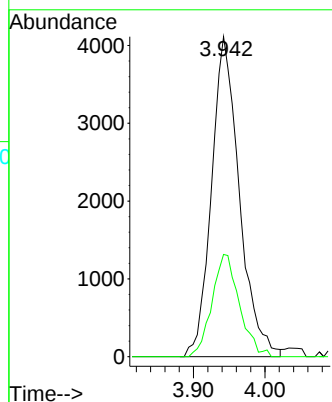
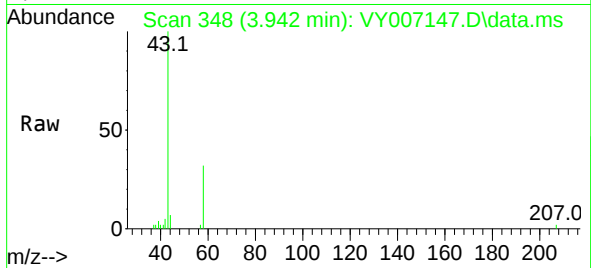




#16
Acetone
Concen: 31.320 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

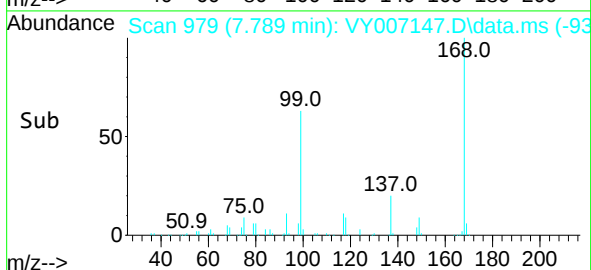
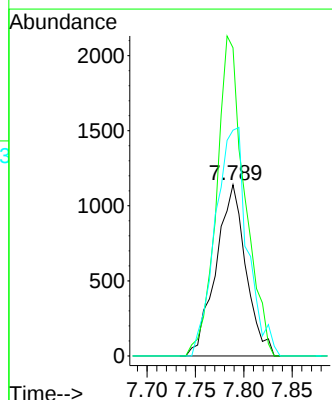
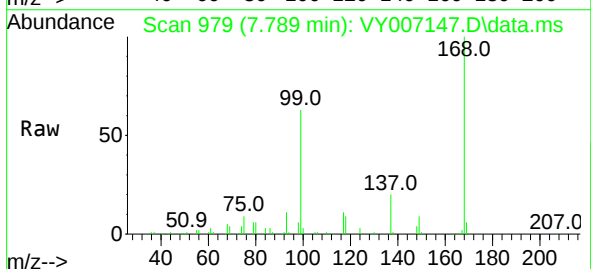
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

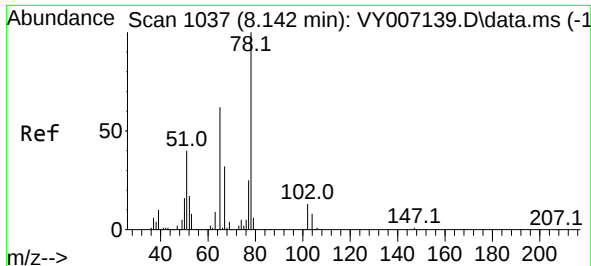
Tgt Ion: 43 Resp: 11120
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.6



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

Tgt Ion: 56 Resp: 2452
Ion Ratio Lower Upper
56 100
69 180.0 27.2 40.8#
84 131.8 72.1 108.1#

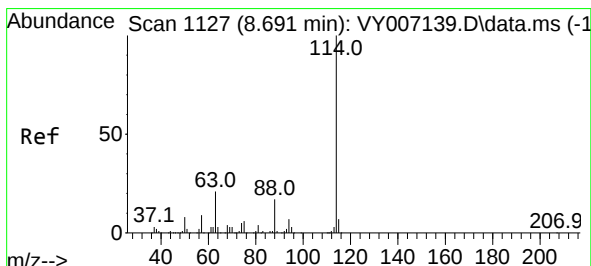
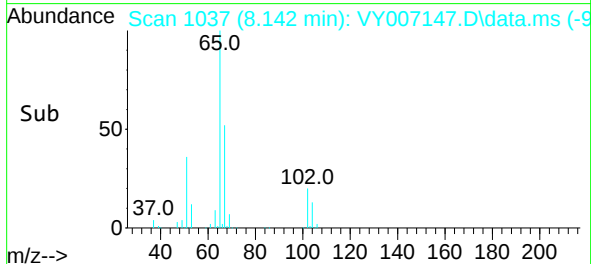
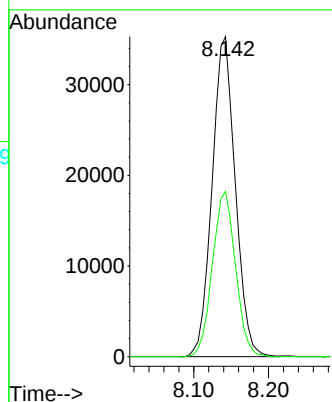
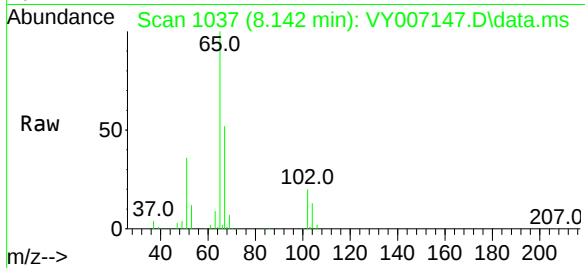




#33
 1,2-Dichloroethane-d4
 Concen: 55.666 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007147.D
 Acq: 13 Jan 2022 16:51

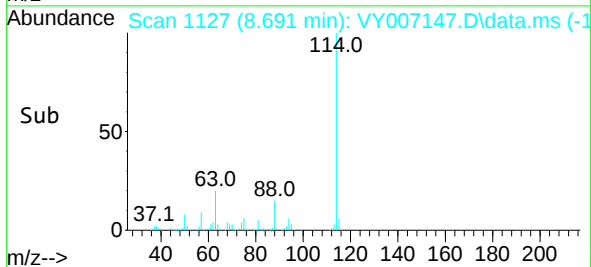
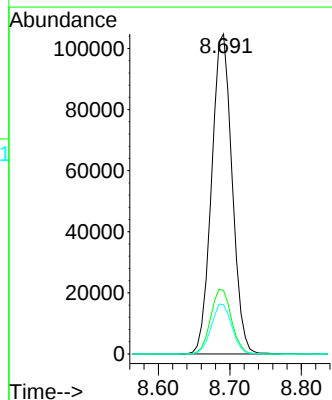
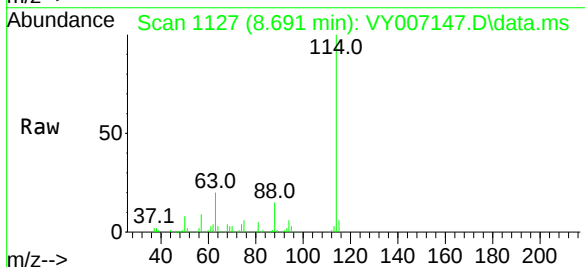
Instrument : MSVOA_Y
 ClientSampleId : VACLOT-BACKFILL-TILCON-10

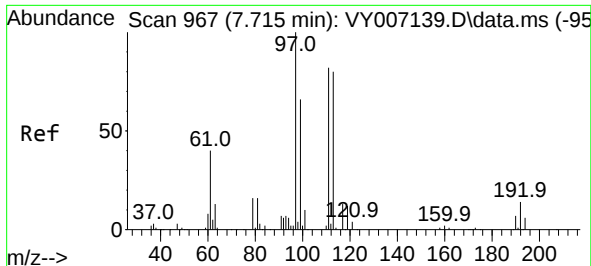
Tgt Ion: 65 Resp: 76154
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007147.D
 Acq: 13 Jan 2022 16:51

Tgt Ion: 114 Resp: 208095
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.4 0.0 31.0

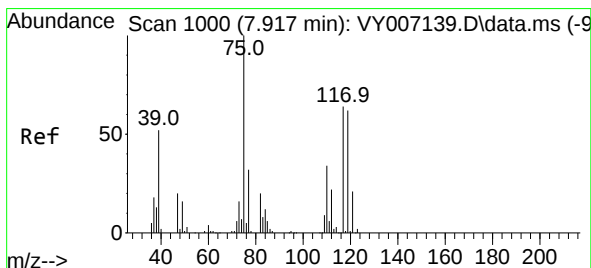
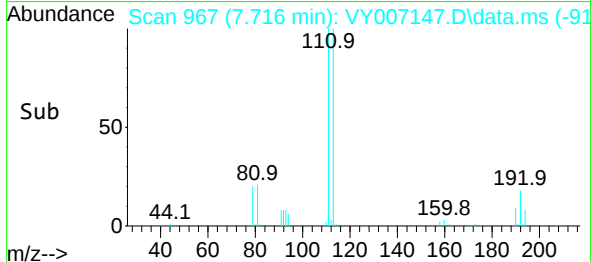
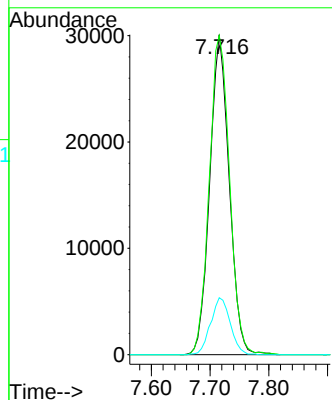
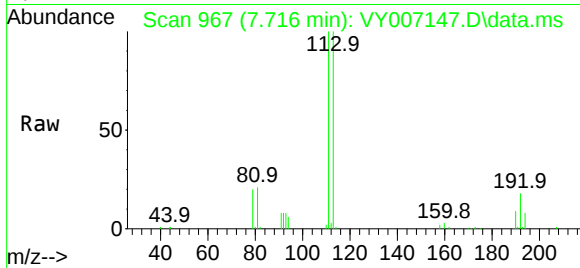




#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

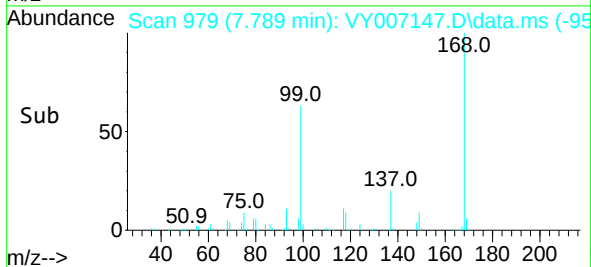
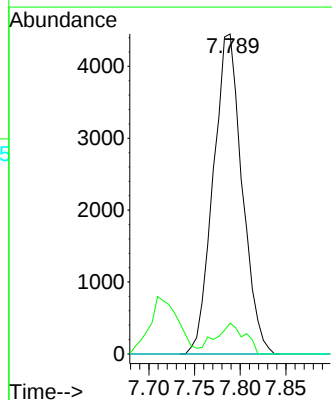
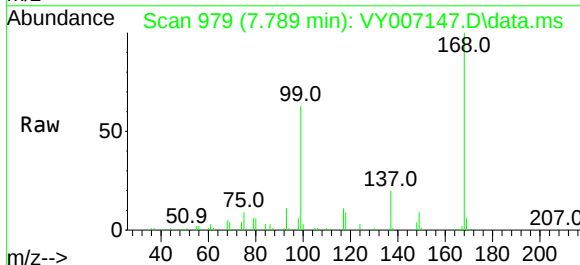
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

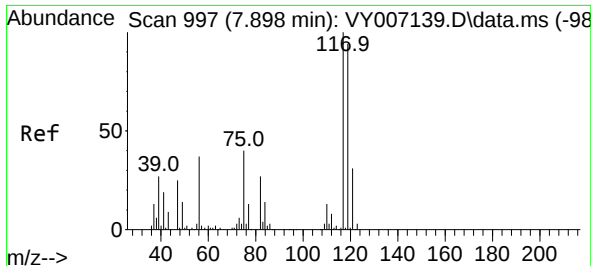
Tgt Ion:113 Resp: 69123
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

Tgt Ion: 75 Resp: 9767
Ion Ratio Lower Upper
75 100
110 9.8 17.3 51.9#
77 0.0 24.7 37.1#

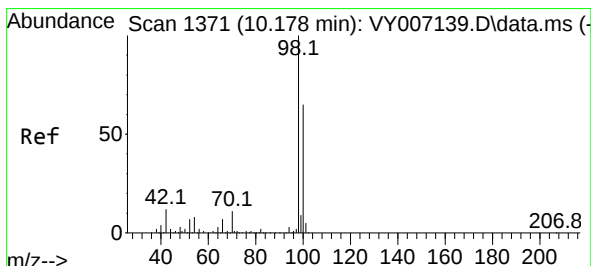
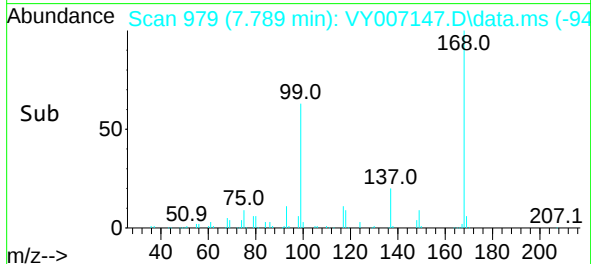
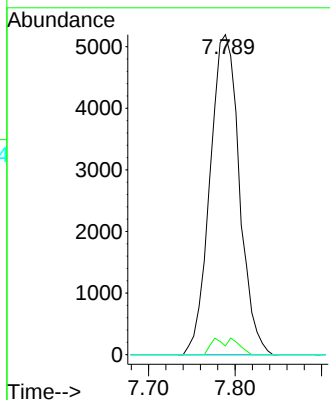
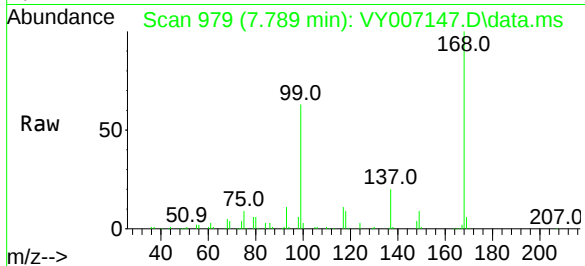




#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

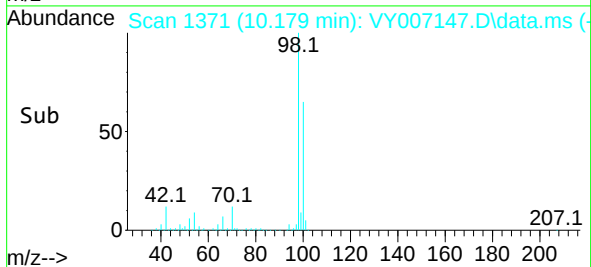
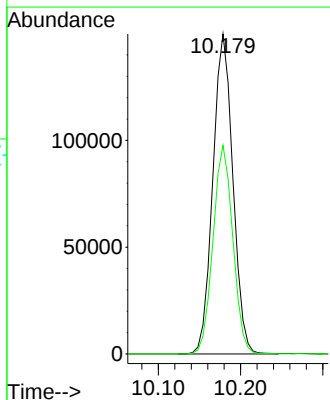
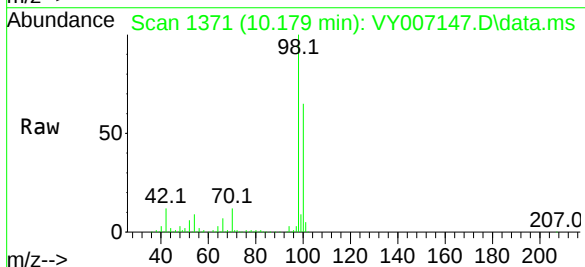
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

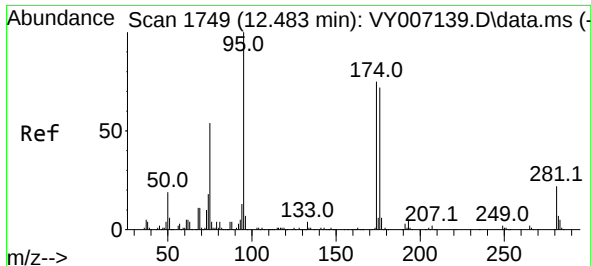
Tgt Ion:117 Resp: 12244
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

Tgt Ion: 98 Resp: 253632
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

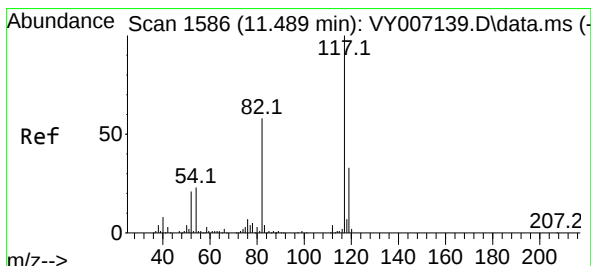
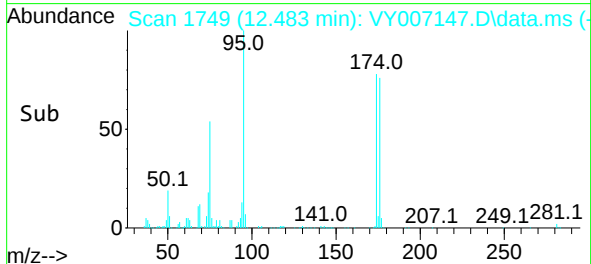
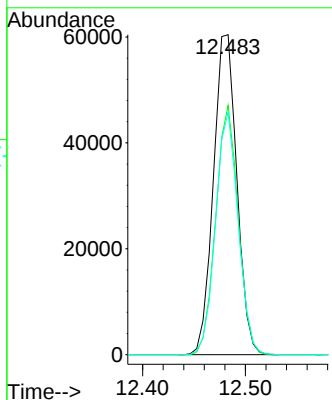
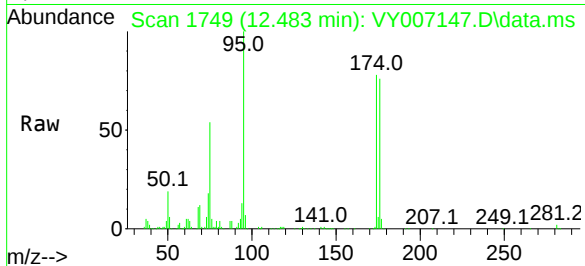




#62
4-Bromofluorobenzene
Concen: 52.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

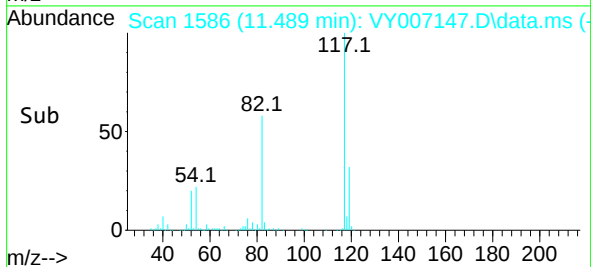
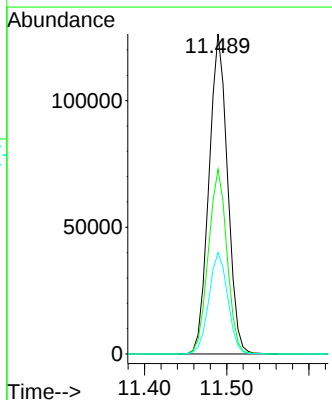
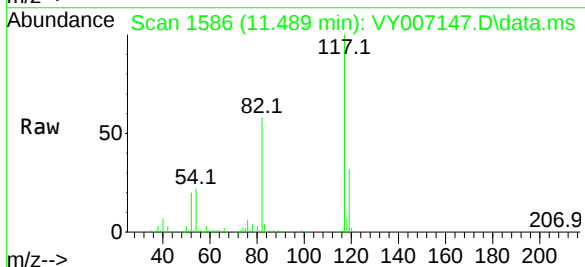
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

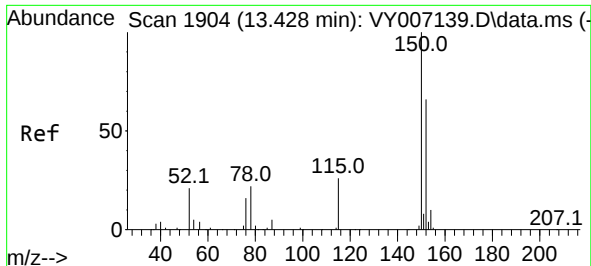
Tgt Ion:	95	Resp:	95590
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	148.4
176	73.1	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

Tgt Ion:	117	Resp:	198378
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.4	68.0
119	31.7	26.4	39.6

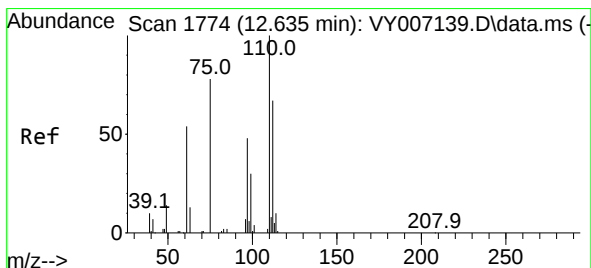
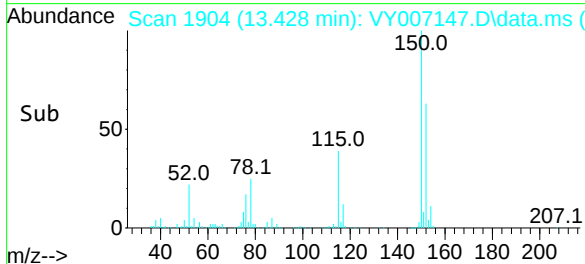
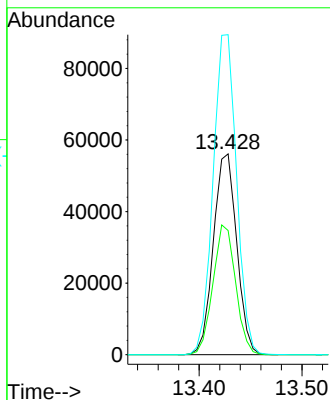
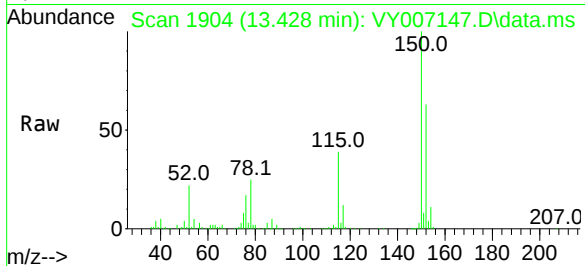




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

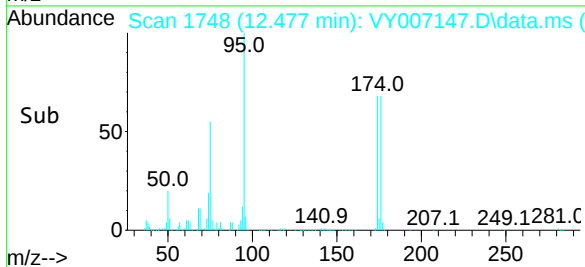
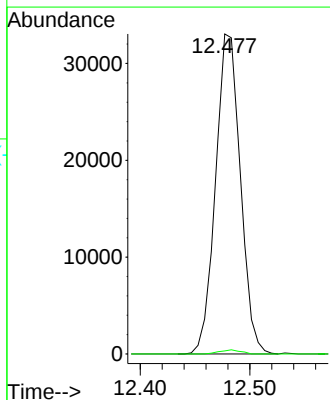
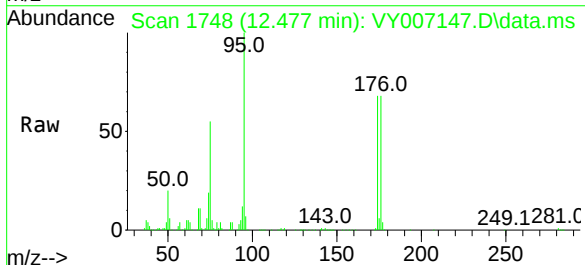
Instrument : MSVOA_Y
ClientSampleId : VACLOT-BACKFILL-TILCON-10

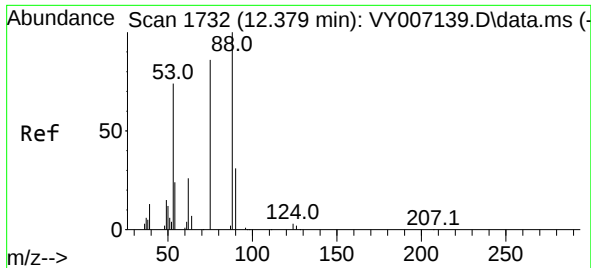
Tgt Ion:152 Resp: 88591
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.0
150 159.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 51.481 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007147.D
Acq: 13 Jan 2022 16:51

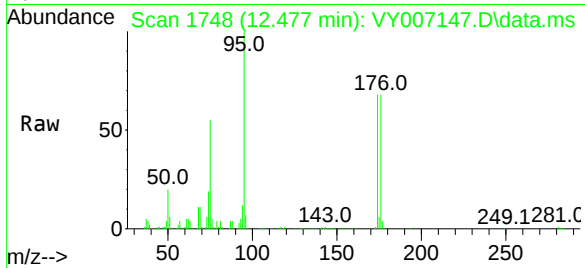
Tgt Ion: 75 Resp: 52005
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.248 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007147.D
 Acq: 13 Jan 2022 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-10



Tgt Ion: 75 Resp: 52005
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

