

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007166.D
 Acq On : 14 Jan 2022 14:10
 Operator : SY/MD
 Sample : N1099-09
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-09

Quant Time: Jan 17 04:52:53 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)

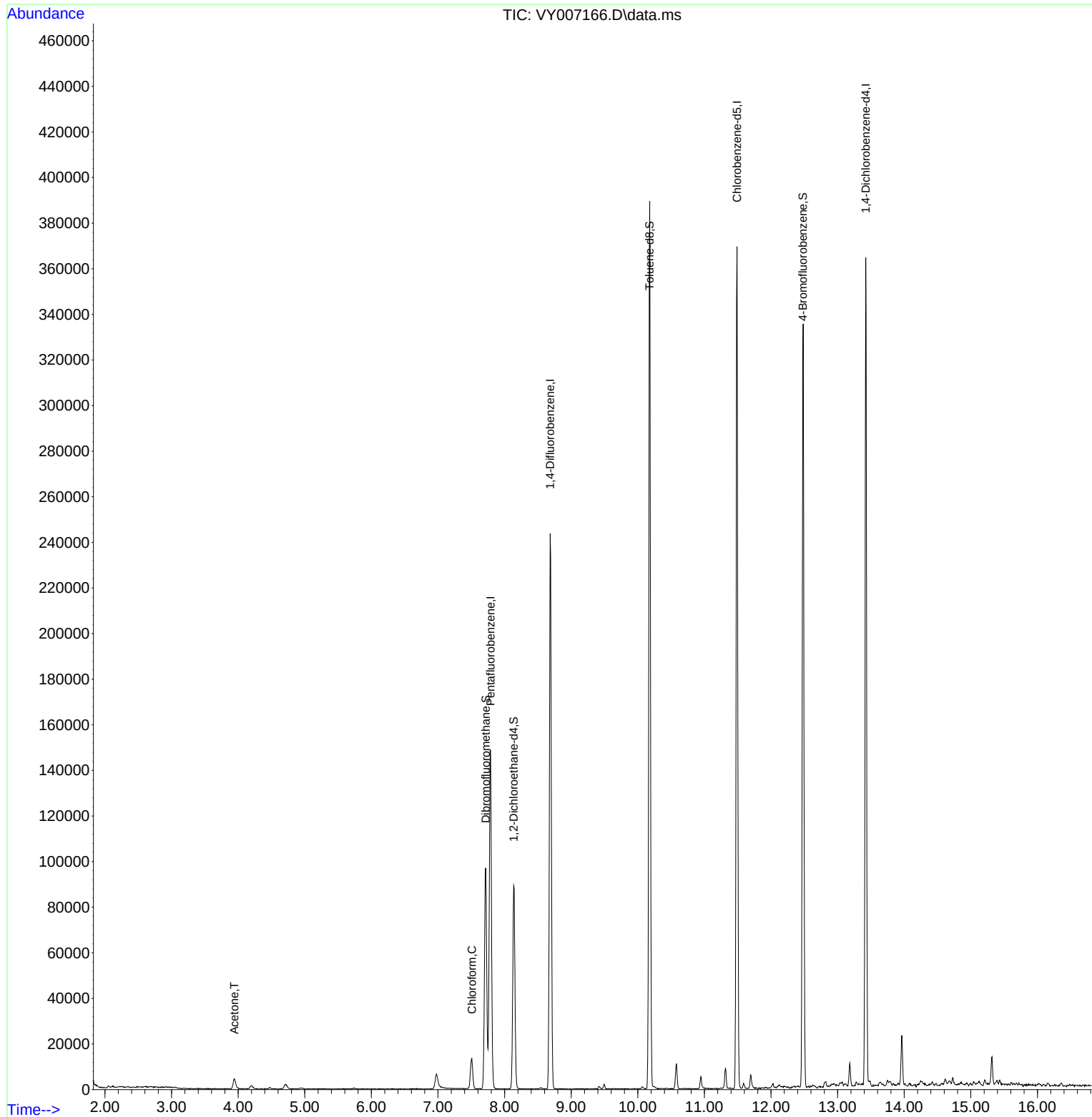
Internal Standards						
1) Pentafluorobenzene	7.789	168	108116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72444	54.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.716	113	68655	49.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.720%	
50) Toluene-d8	10.179	98	247582	49.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.477	95	94310	52.700	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.400%	
Target Compounds						Qvalue
16) Acetone	3.942	43	8184	23.771	ug/l	93
30) Chloroform	7.509	83	13335	5.309	ug/l	92

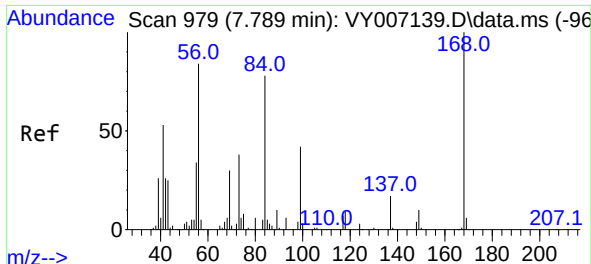
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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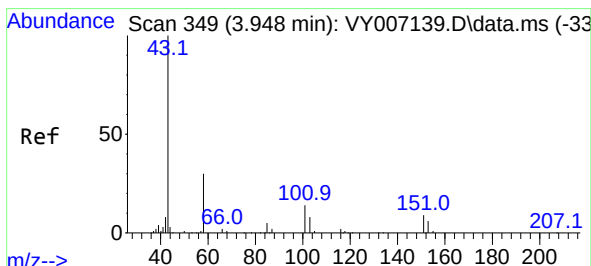
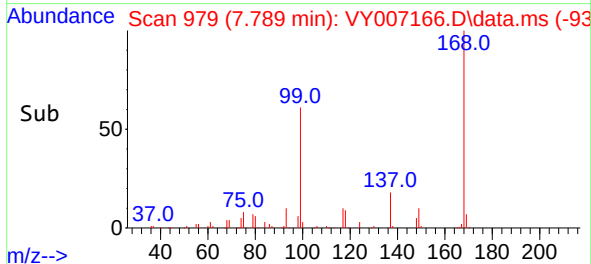
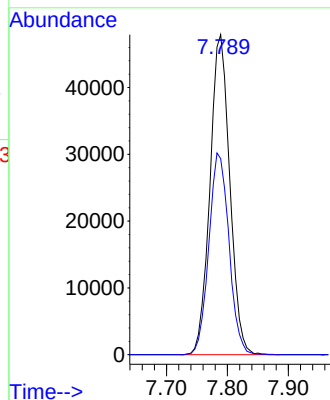
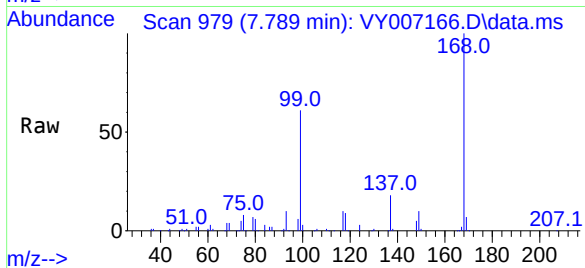




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

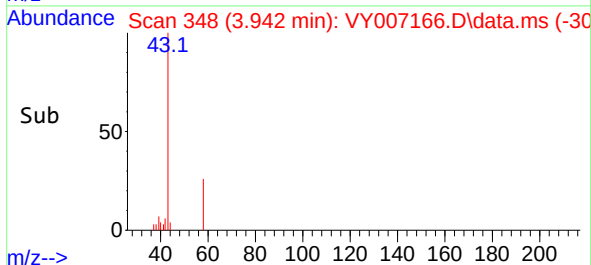
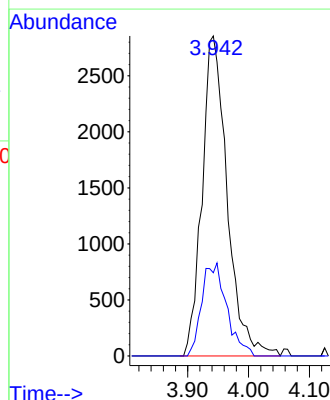
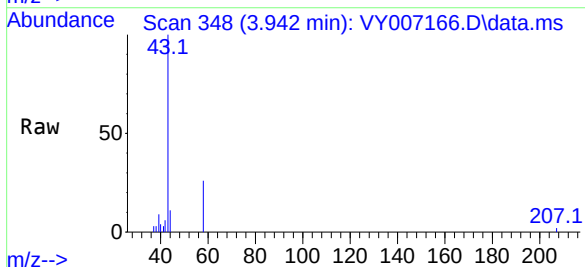
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-09

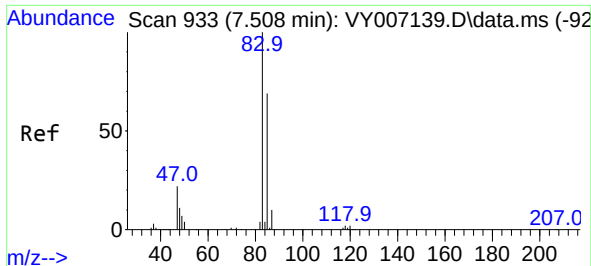
Tgt Ion:168 Resp: 108116
Ion Ratio Lower Upper
168 100
99 61.2 49.1 73.7



#16
Acetone
Concen: 23.771 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 43 Resp: 8184
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6

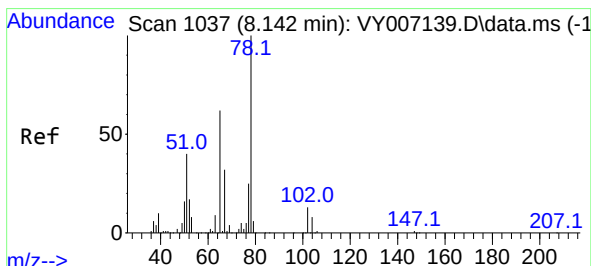
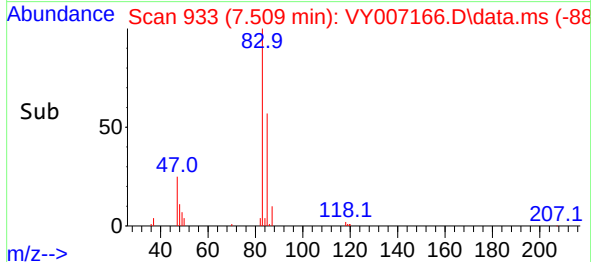
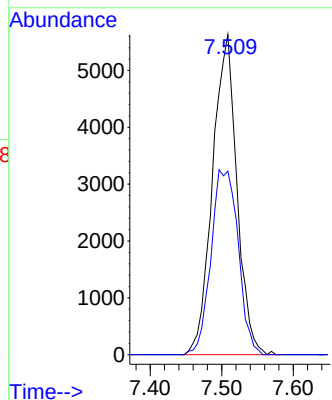
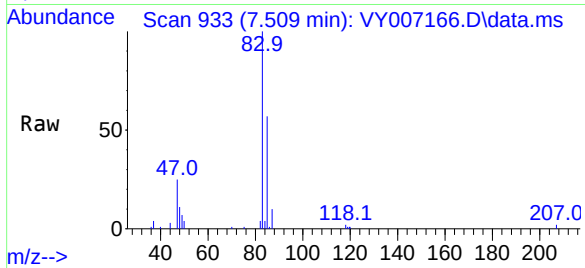




#30
Chloroform
Concen: 5.309 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

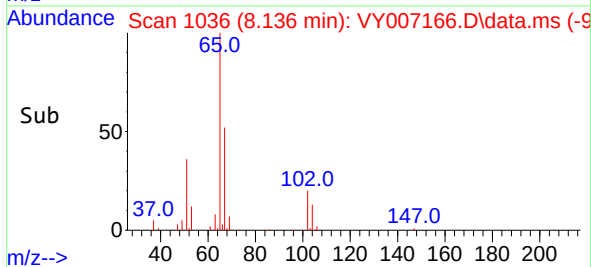
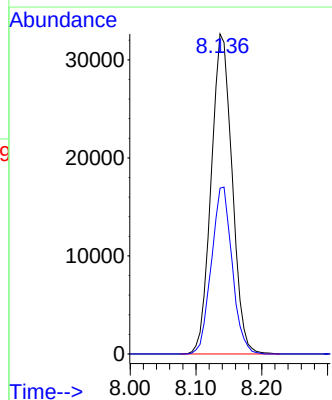
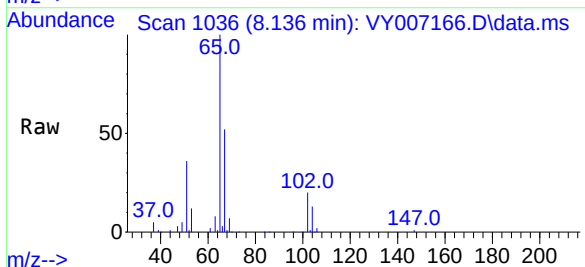
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-09

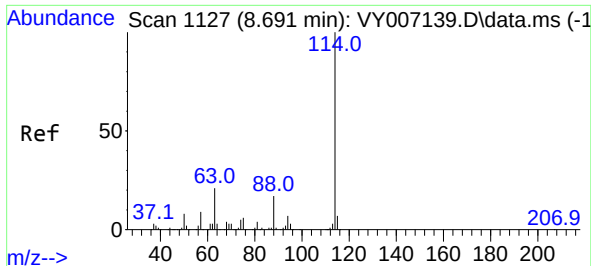
Tgt Ion: 83 Resp: 13335
Ion Ratio Lower Upper
83 100
85 57.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.609 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 65 Resp: 72444
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



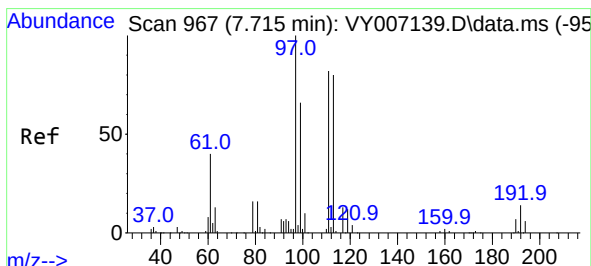
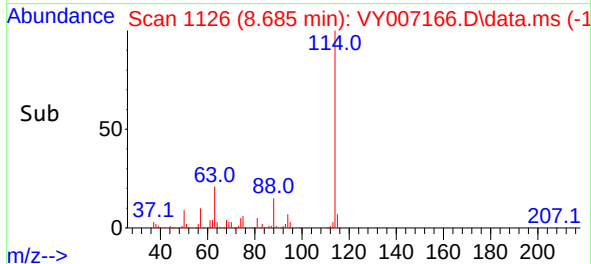
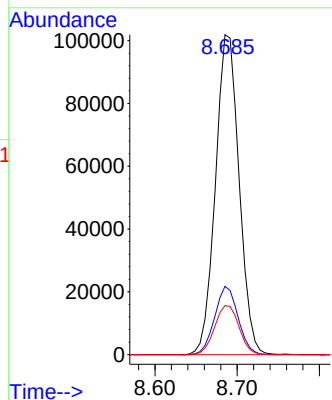
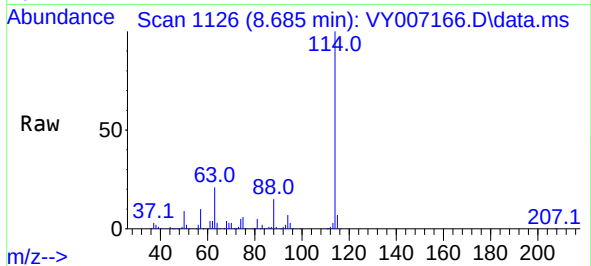


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Instrument : MSVOA_Y
ClientSampleId : VACLOT-BACKFILL-TILCON-09

Tgt Ion:114 Resp: 203617

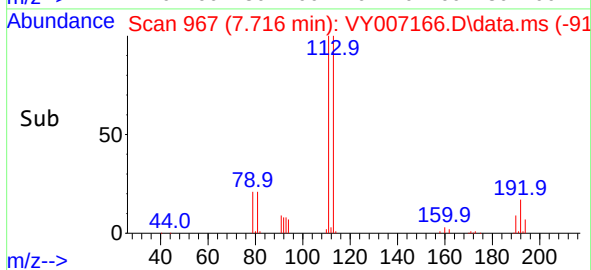
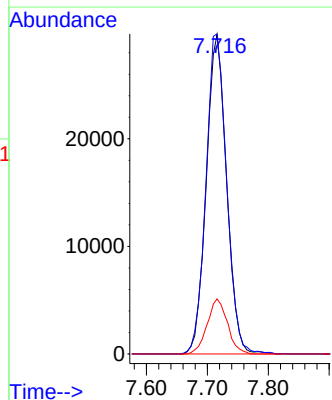
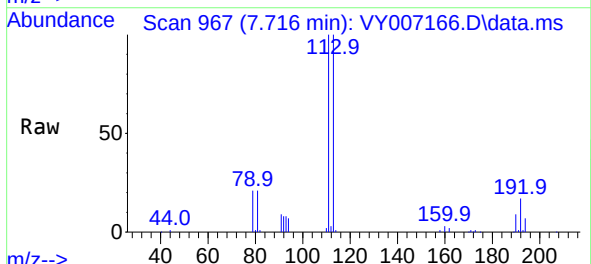
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.2
88	15.3	0.0	31.0

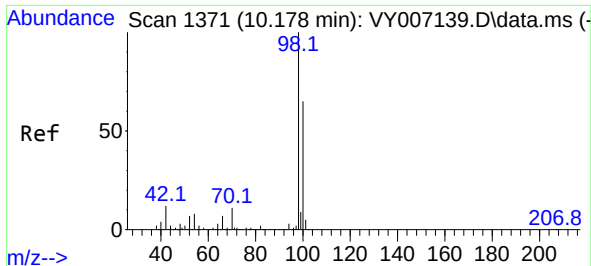


#35
Dibromofluoromethane
Concen: 49.865 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion:113 Resp: 68655

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	17.2	14.2	21.4

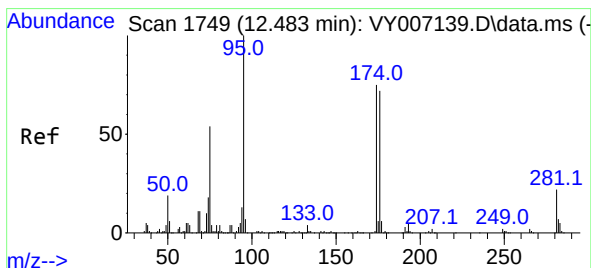
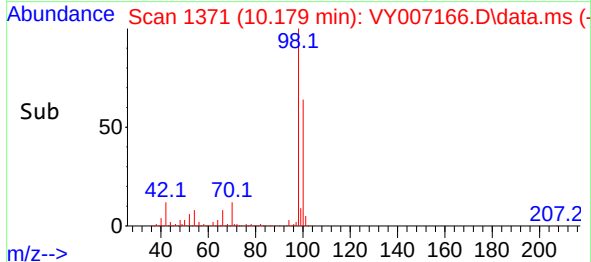
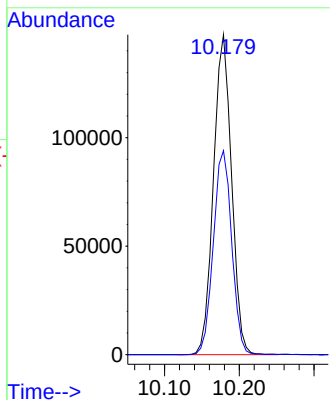
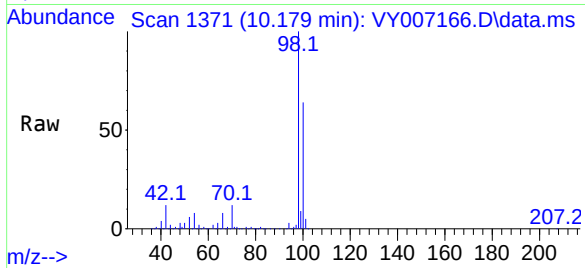




#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

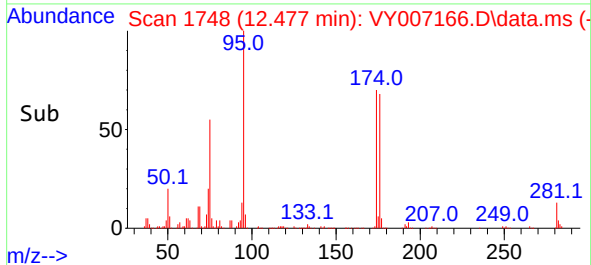
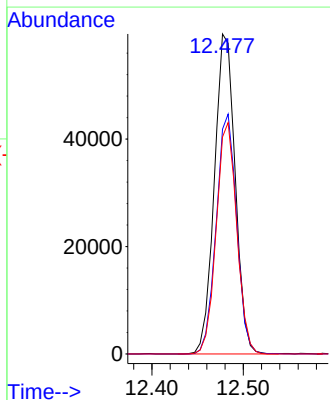
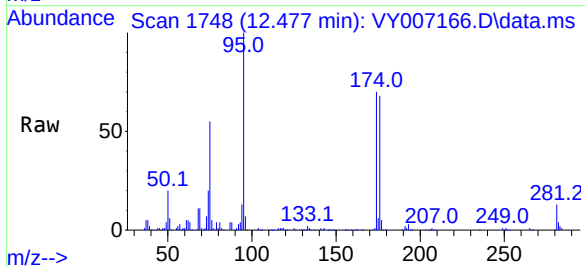
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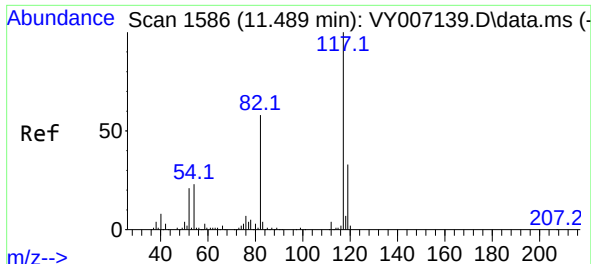
Tgt Ion: 98 Resp: 247582
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 95 Resp: 94310
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.4
176 70.9 0.0 146.6

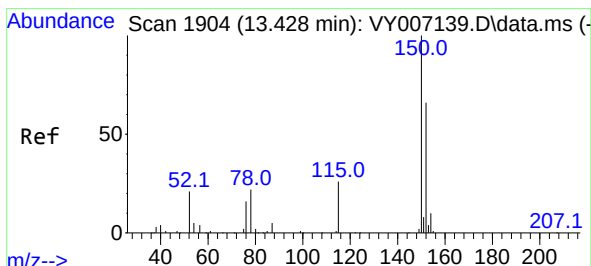
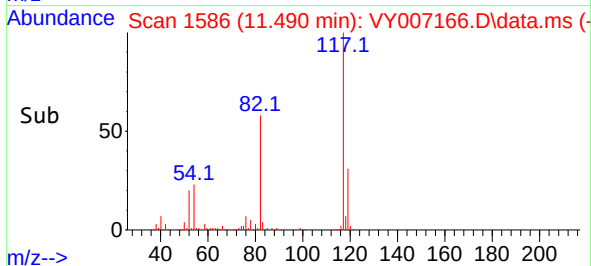
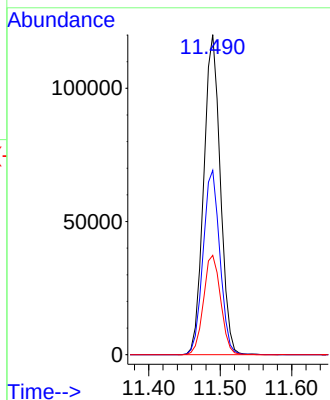
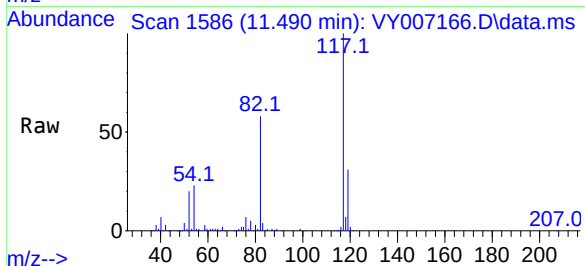




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-09

Tgt Ion:117 Resp: 193500
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 31.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion:152 Resp: 85533
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.0
150 159.1 0.0 348.4

