

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007117.D
 Acq On : 11 Jan 2022 15:59
 Operator : SY/MD
 Sample : N1099-03
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-03

Quant Time: Jan 12 05:09:20 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)

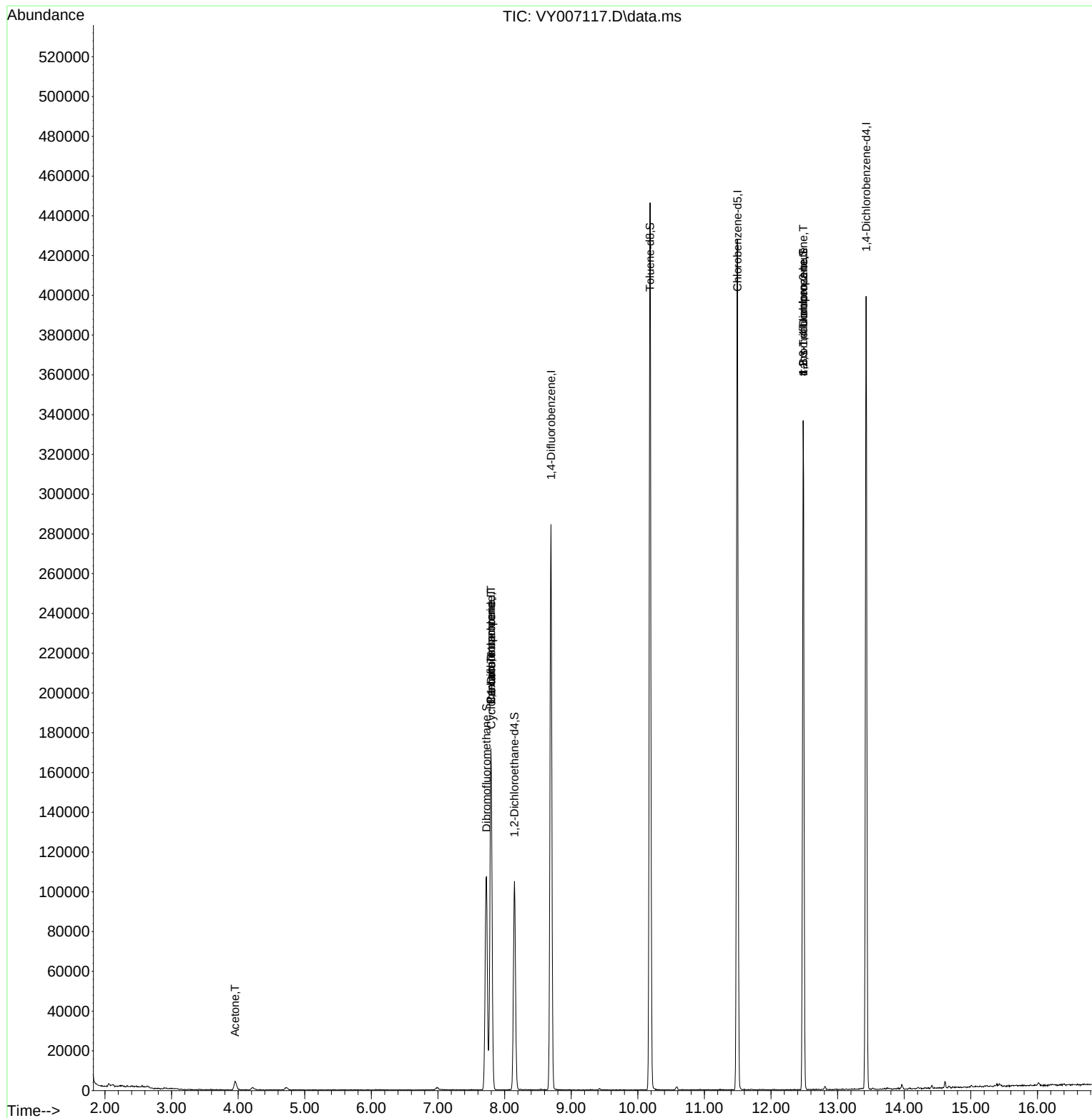
Internal Standards						
1) Pentafluorobenzene	7.795	168	126024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83326	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.540%	
35) Dibromofluoromethane	7.728	113	78384	50.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.185	98	287823	50.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.483	95	106706	51.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	7887	27.883	ug/l #	82
20) Methylene Chloride	4.729	84	885	Below Cal	#	79
31) Cyclohexane	7.801	56	2953	1.138	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	10559	4.287	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13691	5.320	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	57225	52.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57225	98.168	ug/l #	3

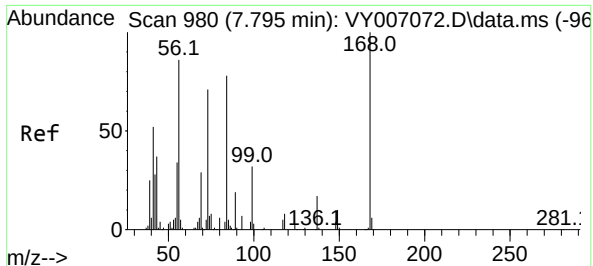
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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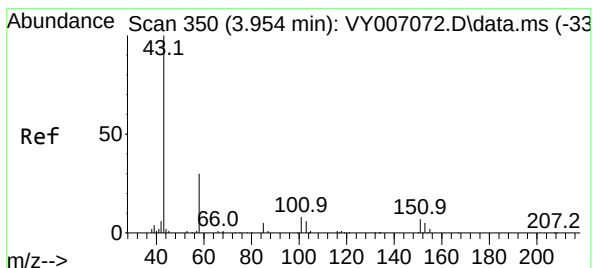
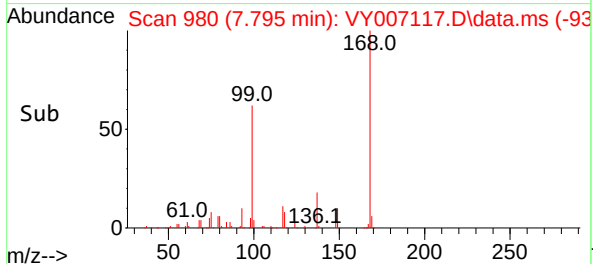
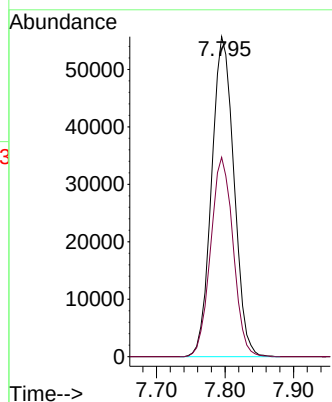
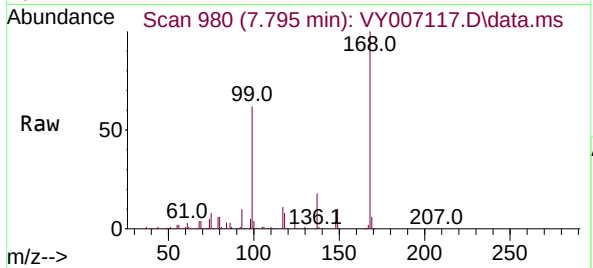




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

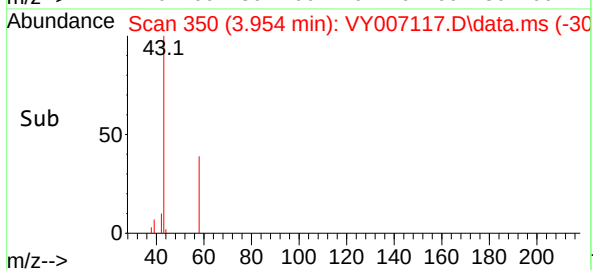
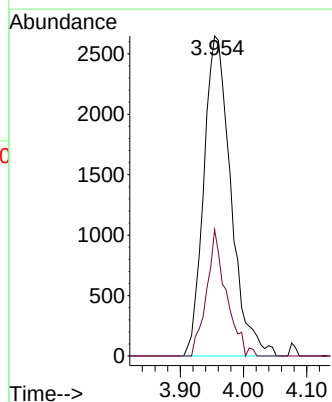
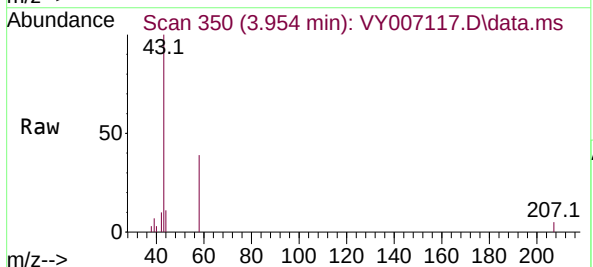
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

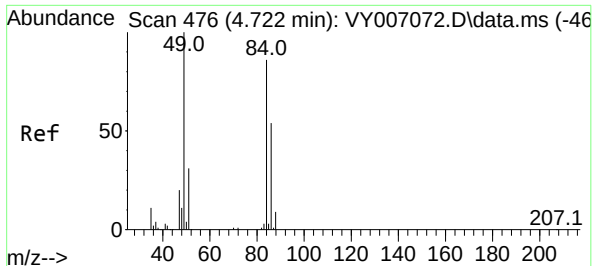
Tgt Ion:168 Resp: 126024
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7



#16
Acetone
Concen: 27.883 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

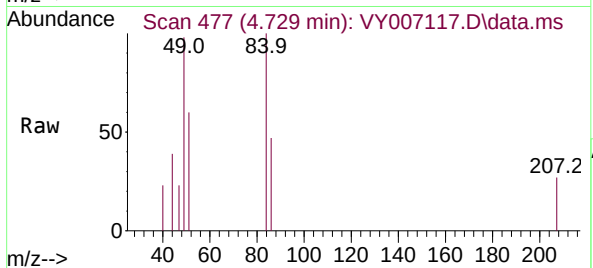
Tgt Ion: 43 Resp: 7887
Ion Ratio Lower Upper
43 100
58 39.5 23.8 35.6#



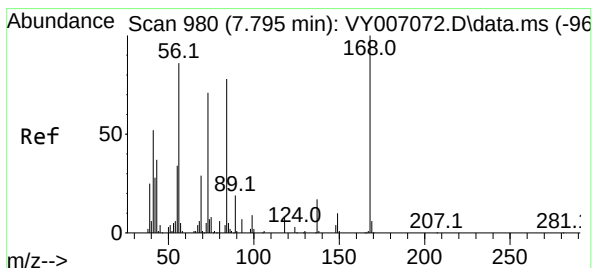
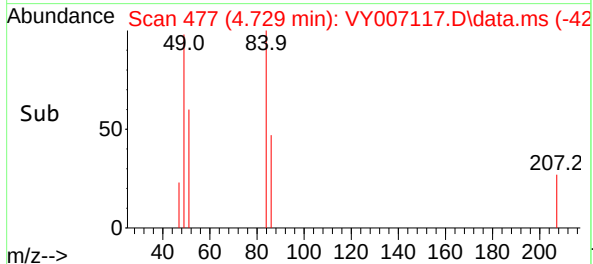
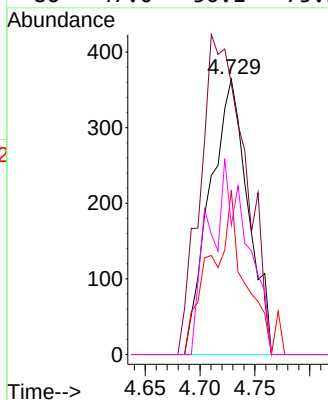


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

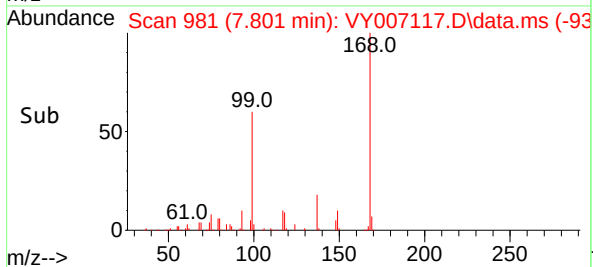
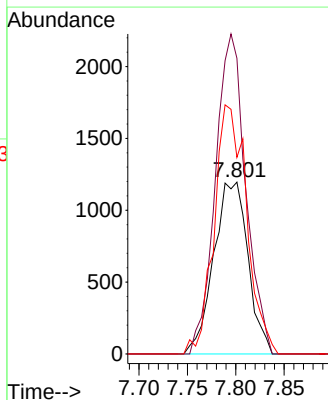
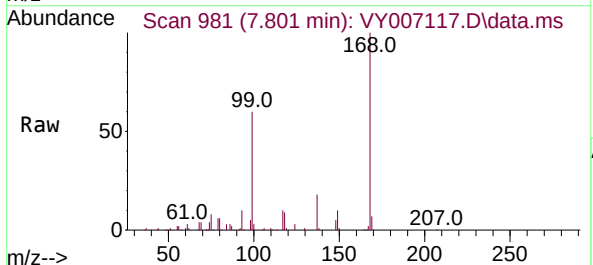


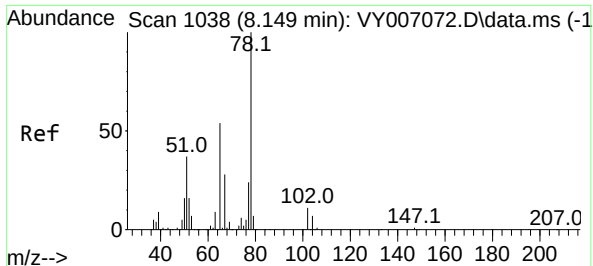
Tgt Ion:	84	Resp:	885
Ion	Ratio	Lower	Upper
84	100		
49	98.4	92.6	139.0
51	59.6	28.6	42.8#
86	47.0	50.1	75.1#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion:	56	Resp:	2953
Ion	Ratio	Lower	Upper
56	100		
69	172.1	27.2	40.8#
84	114.5	72.1	108.1#

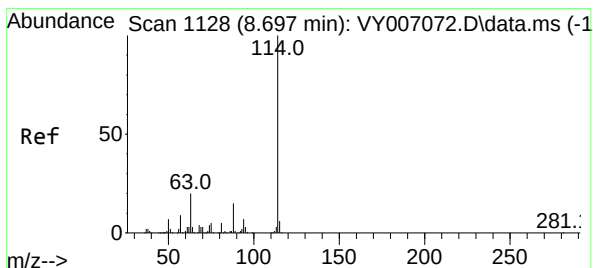
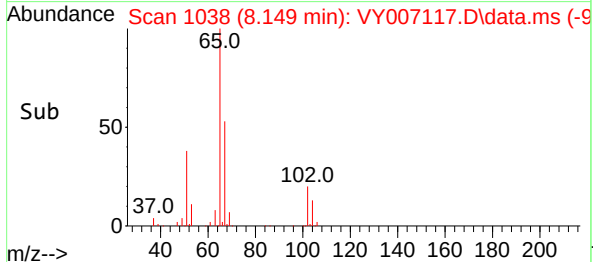
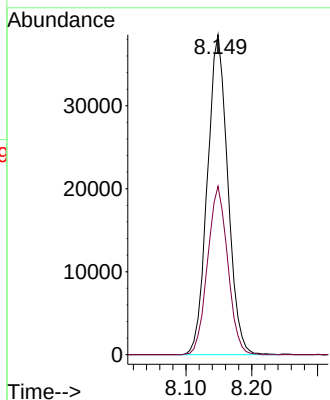
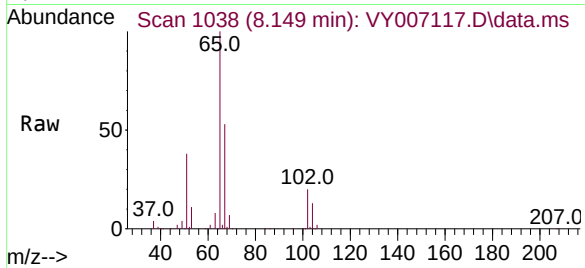




#33
 1,2-Dichloroethane-d4
 Concen: 55.268 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007117.D
 Acq: 11 Jan 2022 15:59

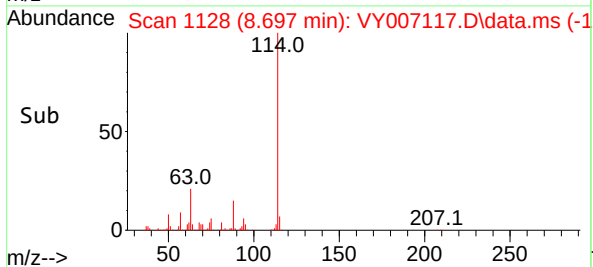
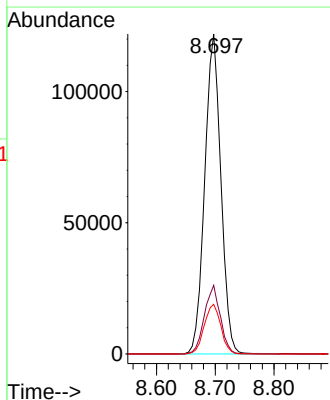
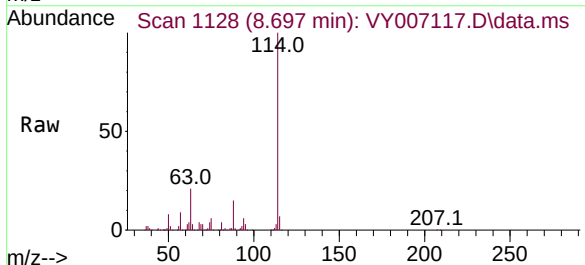
Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-03

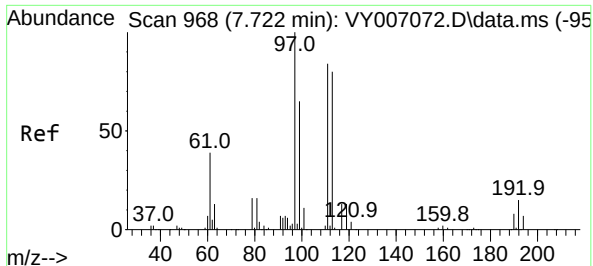
Tgt Ion: 65 Resp: 83326
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007117.D
 Acq: 11 Jan 2022 15:59

Tgt Ion: 114 Resp: 233205
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.2
 88 15.5 0.0 31.0

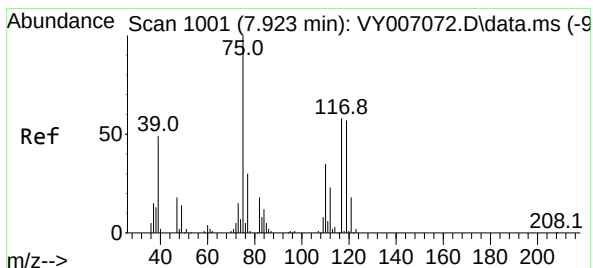
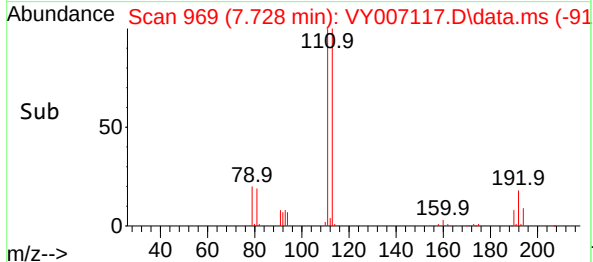
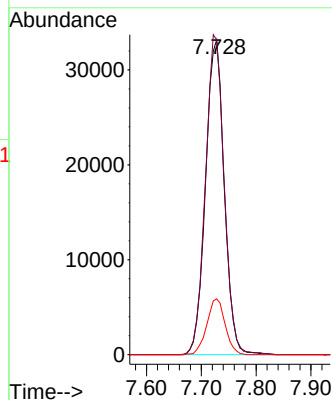
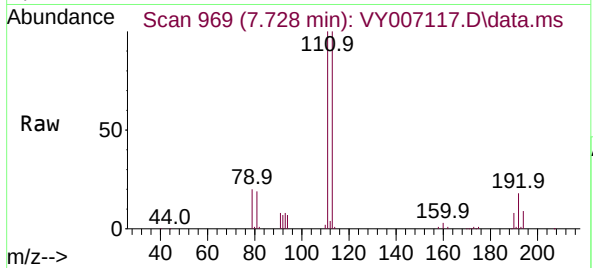




#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

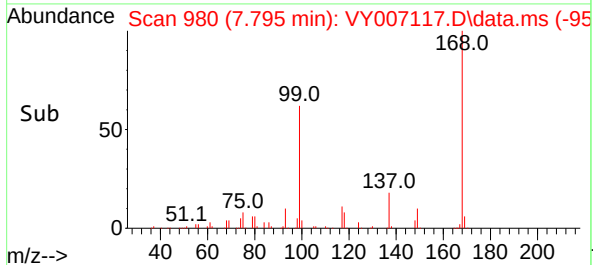
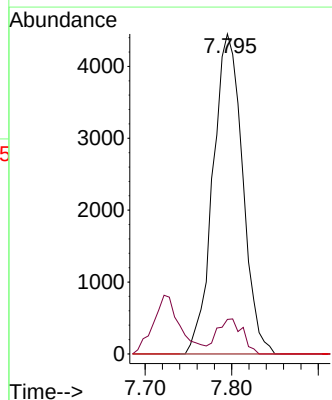
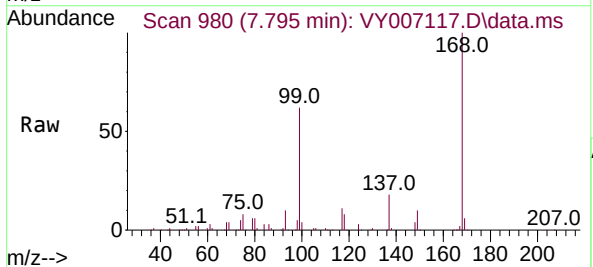
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ClientSampleId :
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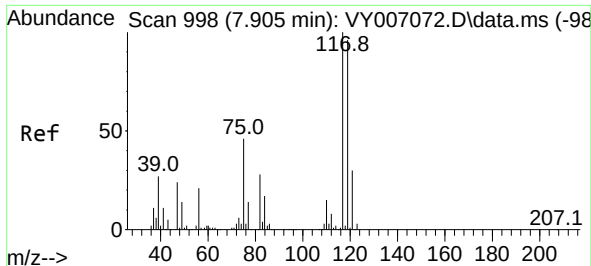
Tgt Ion:113 Resp: 78384
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.287 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 75 Resp: 10559
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.9#
77 0.0 24.7 37.1#

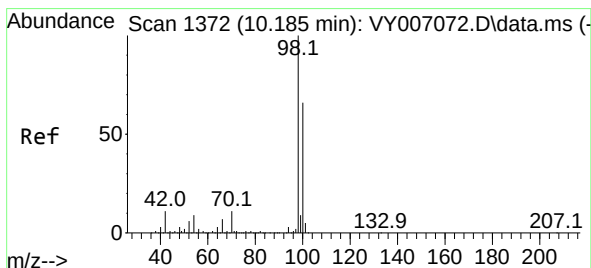
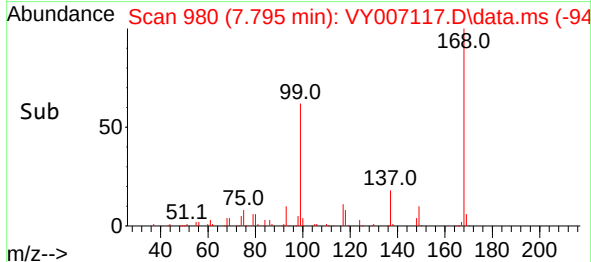
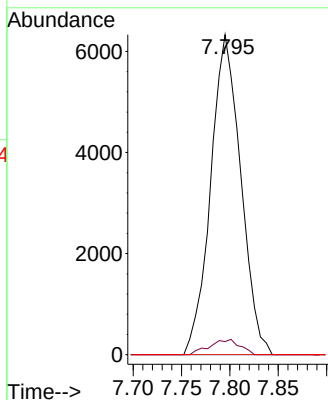
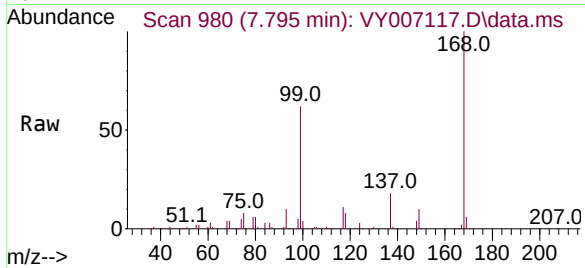




#38
Carbon Tetrachloride
Concen: 5.320 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

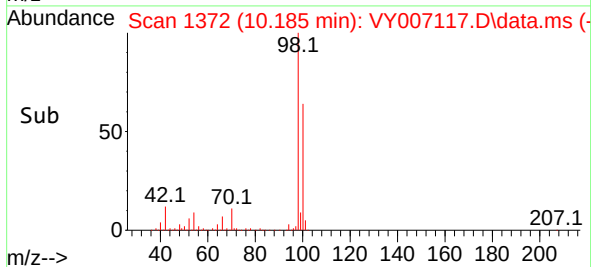
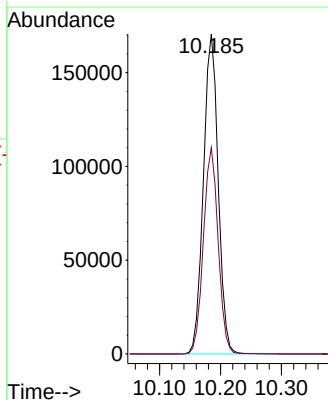
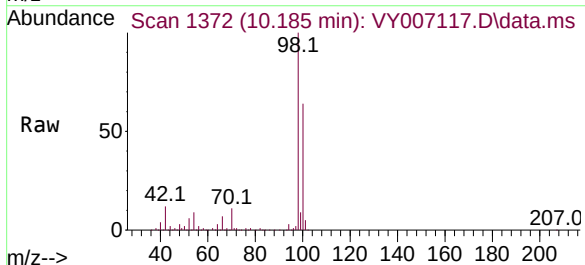
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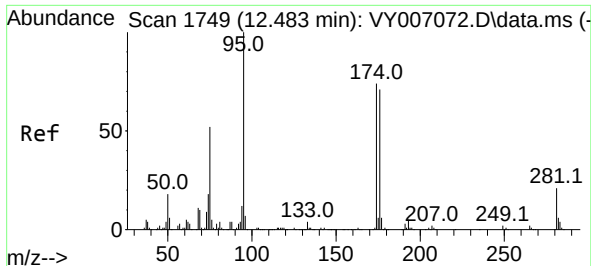
Tgt Ion:117 Resp: 13691
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 98 Resp: 287823
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

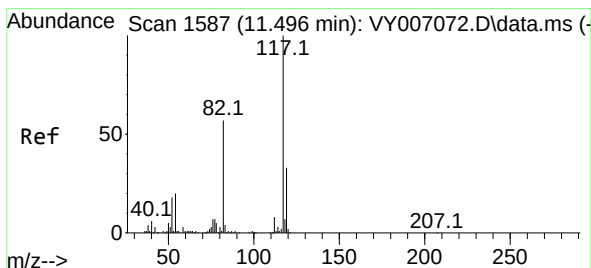
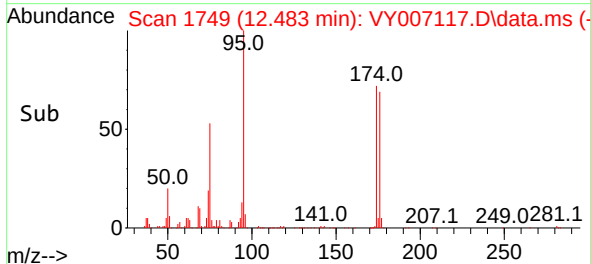
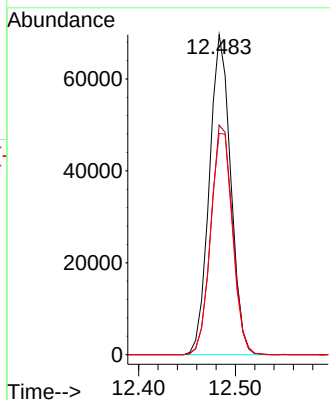
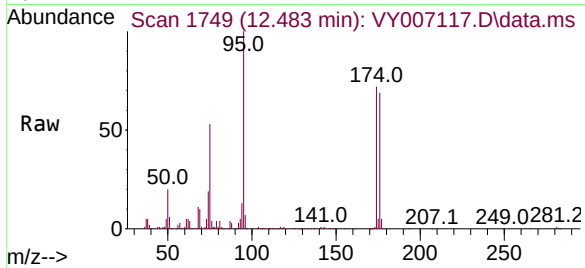




#62
4-Bromofluorobenzene
Concen: 51.535 ug/l
RT: 12.483 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

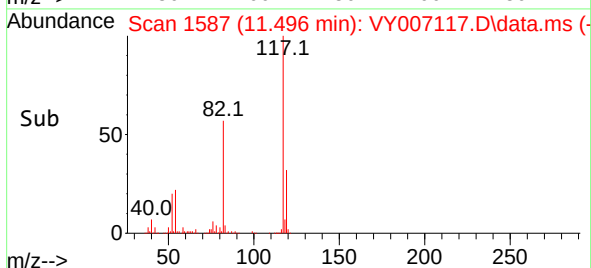
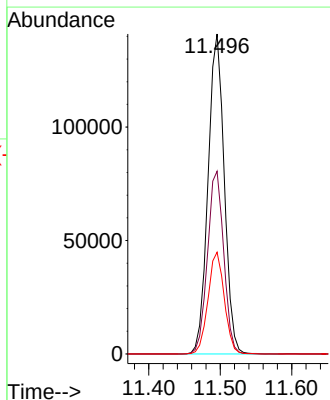
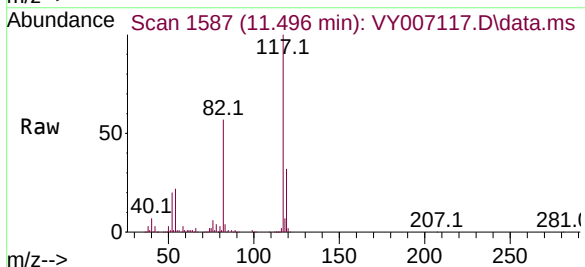
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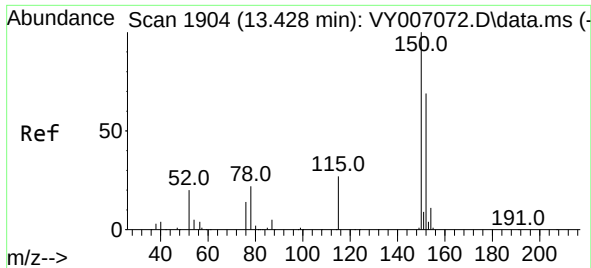
Tgt Ion: 95 Resp: 106706
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.4
176 71.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007117.D
Acq: 11 Jan 2022 15:59

Tgt Ion: 117 Resp: 222115
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.8 26.4 39.6

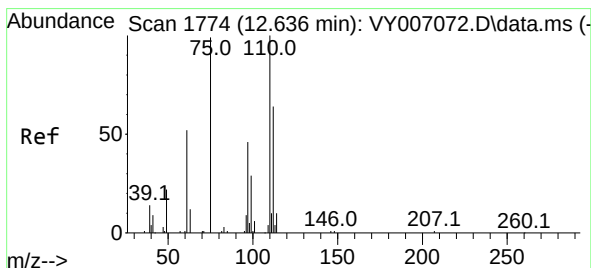
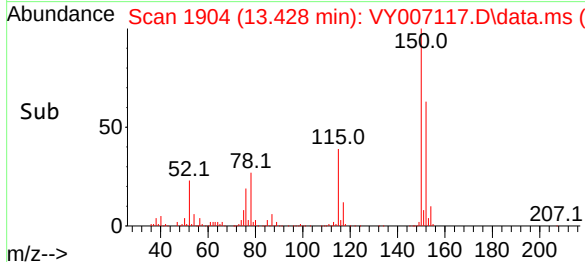
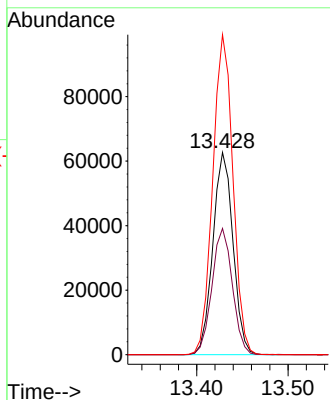
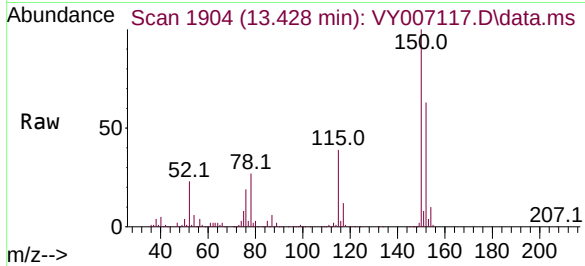




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007117.D
 Acq: 11 Jan 2022 15:59

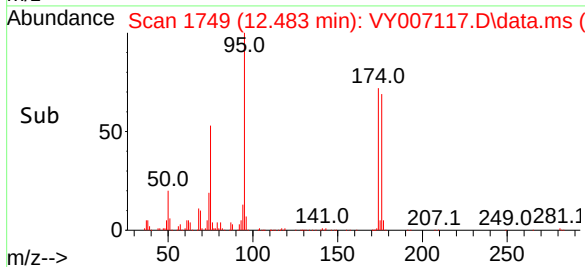
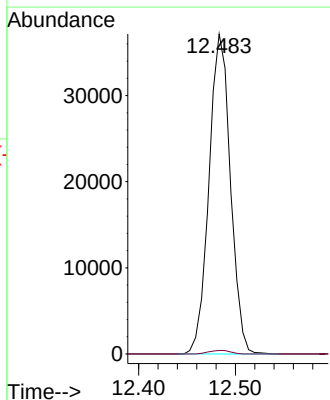
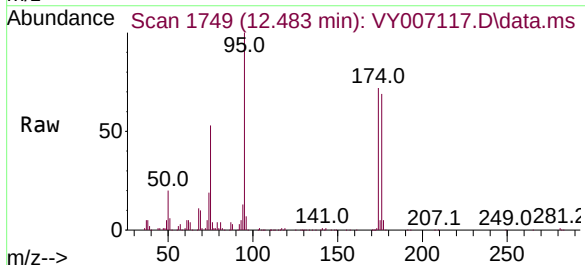
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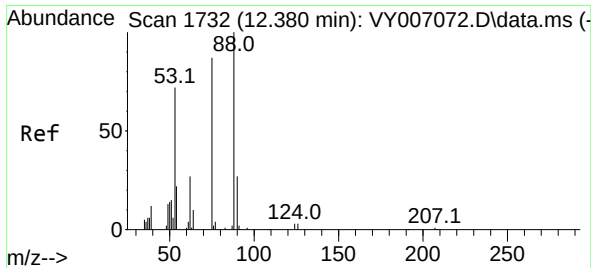
Tgt Ion:152 Resp: 95935
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.0
 150 158.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.265 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007117.D
 Acq: 11 Jan 2022 15:59

Tgt Ion: 75 Resp: 57225
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.168 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007117.D
 Acq: 11 Jan 2022 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-03

Tgt Ion: 75 Resp: 57225
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 0.0 0.0#

