

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007414.D
 Acq On : 07 Feb 2022 15:42
 Operator : SY/MD
 Sample : N1412-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 08 00:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

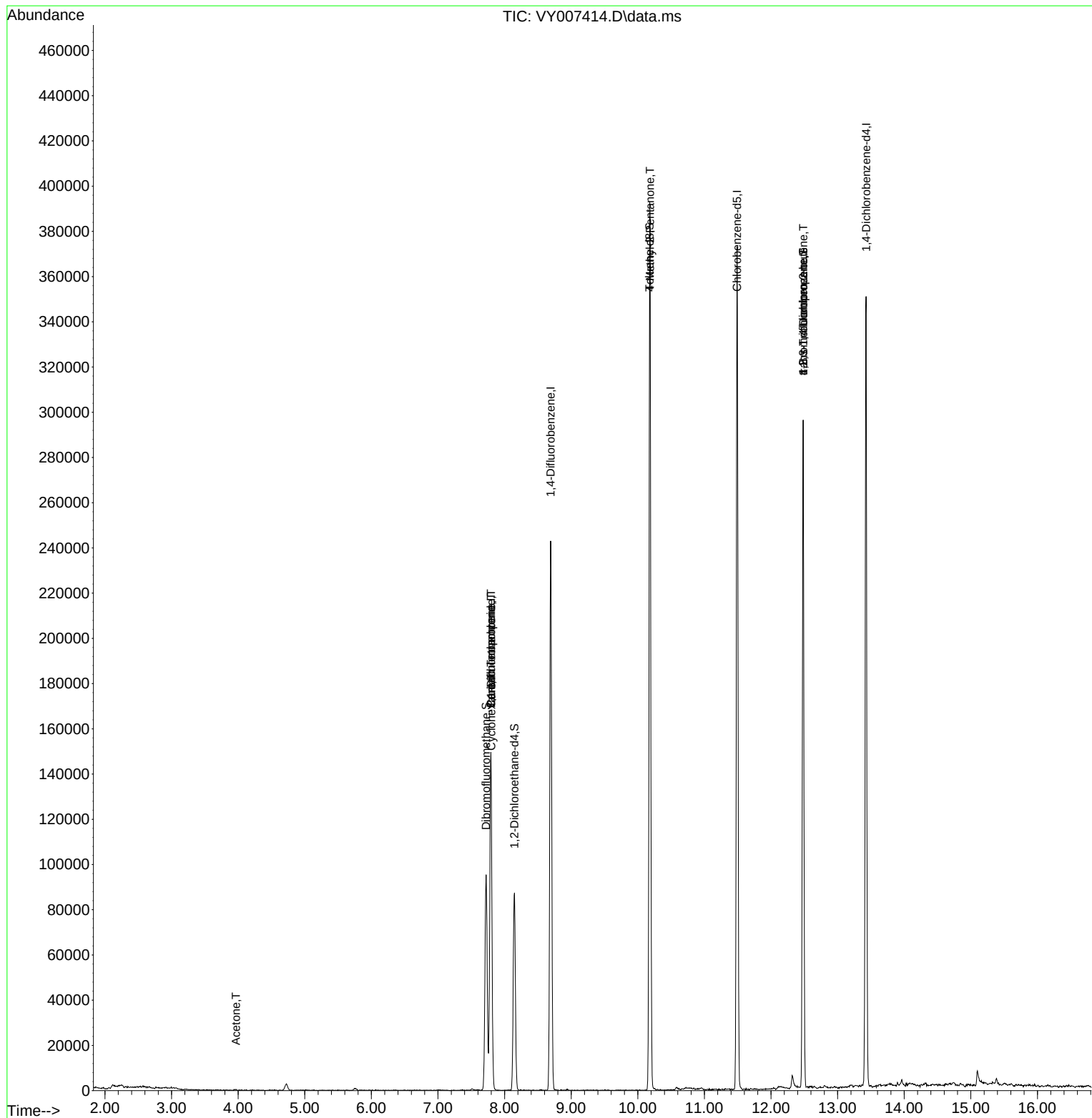
Internal Standards						
1) Pentafluorobenzene	7.795	168	108969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70428	56.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.380%	
35) Dibromofluoromethane	7.722	113	68029	51.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.900%	
50) Toluene-d8	10.179	98	257353	52.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.483	95	91431	55.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	617	Below Cal	#	80
16) Acetone	3.967	43	541	1.329	ug/l #	47
20) Methylene Chloride	4.729	84	2150	Below Cal	#	84
31) Cyclohexane	7.801	56	2815	1.151	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	9415	4.073	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11878	4.891	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1199	1.100	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49721	48.897	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49721	97.961	ug/l #	7

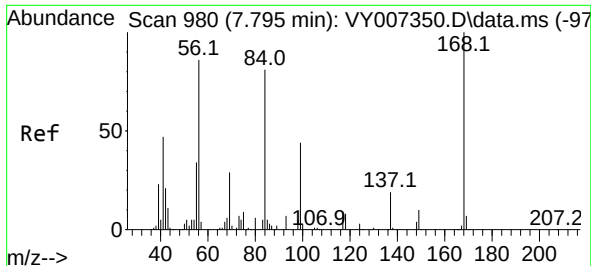
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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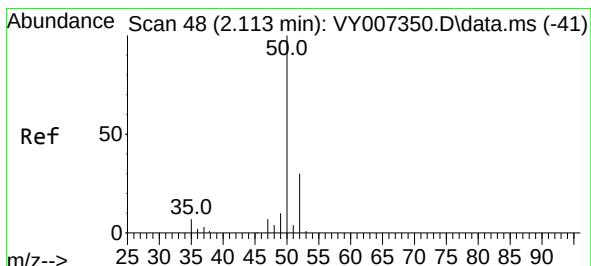
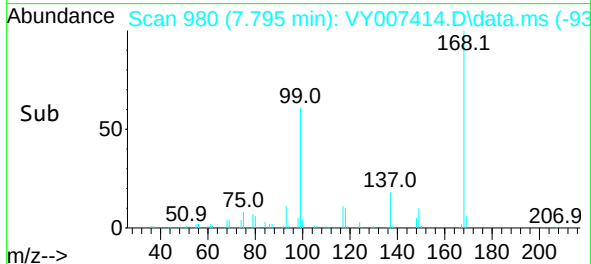
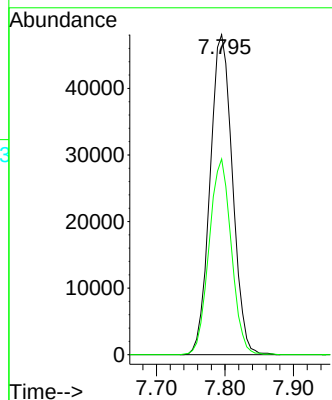
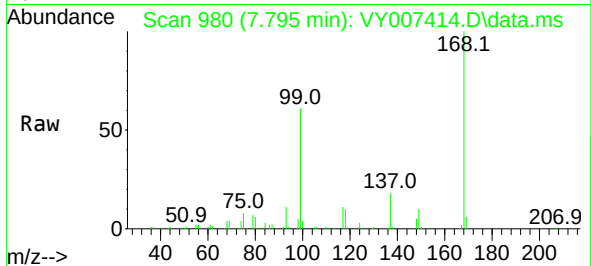




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

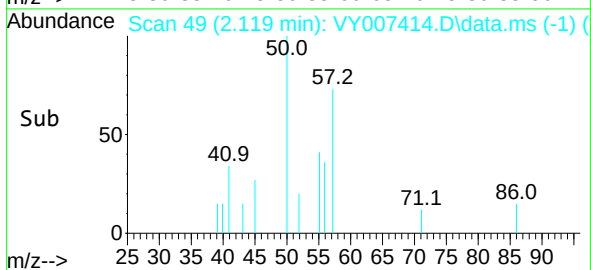
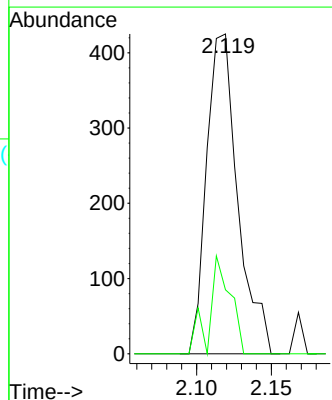
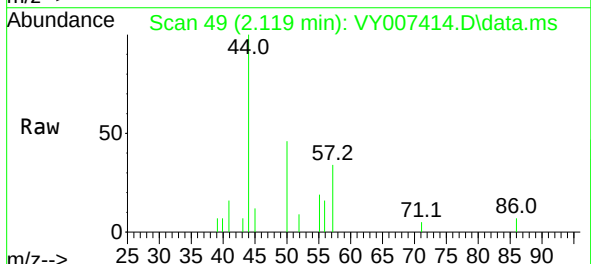
Instrument :
MSVOA_Y
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VOC

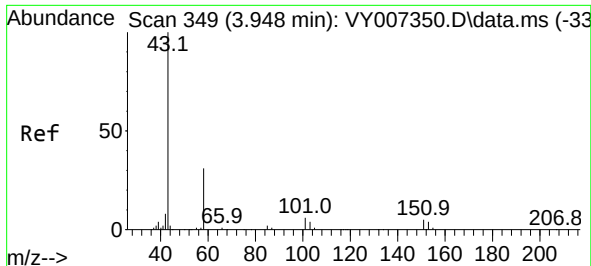
Tgt Ion:168 Resp: 108969
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 20.0 24.6 37.0#





#16

Acetone

Concen: 1.329 ug/l

RT: 3.967 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY007414.D

Acq: 07 Feb 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

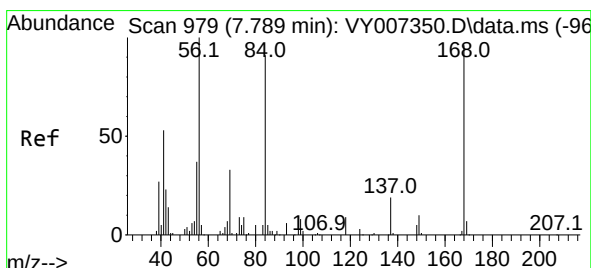
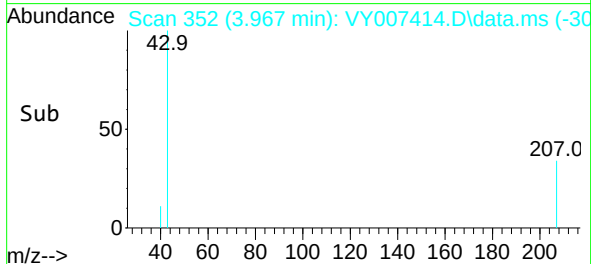
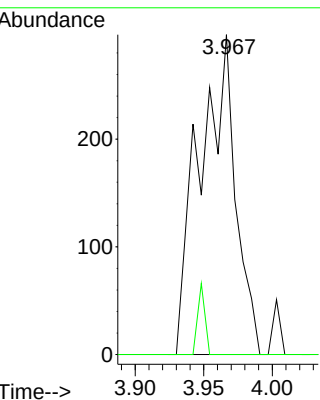
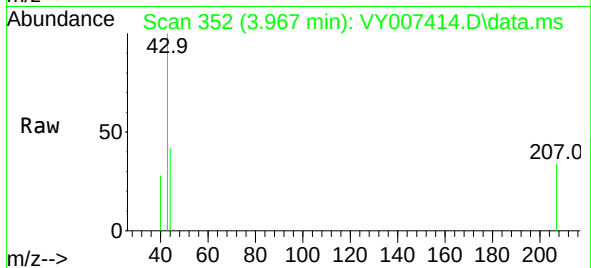
VOC

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY007414.D

Acq: 07 Feb 2022 15:42

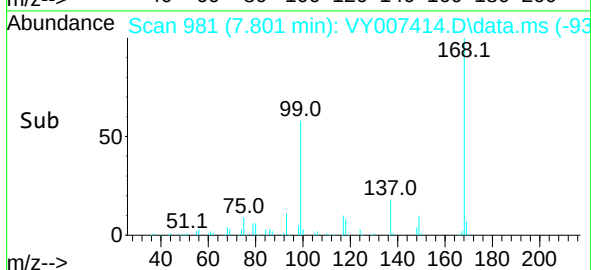
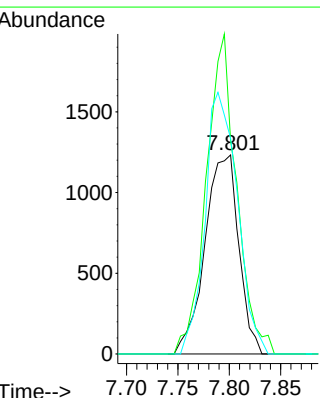
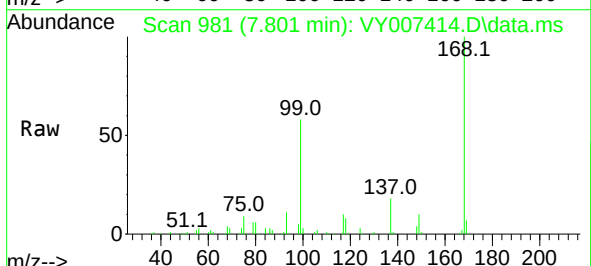
Tgt Ion: 56 Resp: 2815

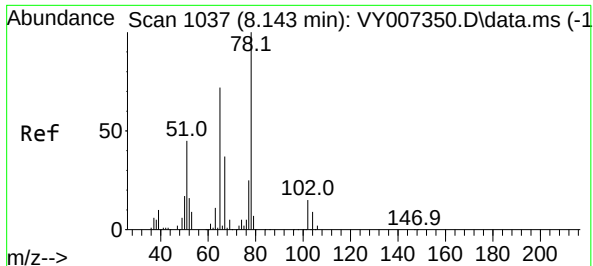
Ion Ratio Lower Upper

56 100

69 107.1 26.7 40.1#

84 108.3 67.2 100.8#

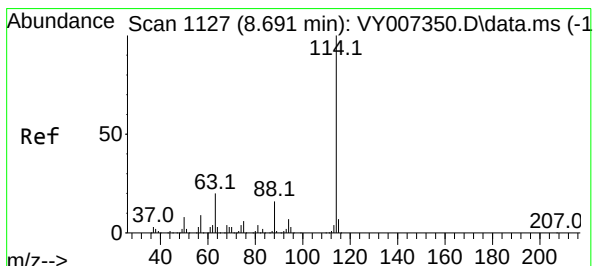
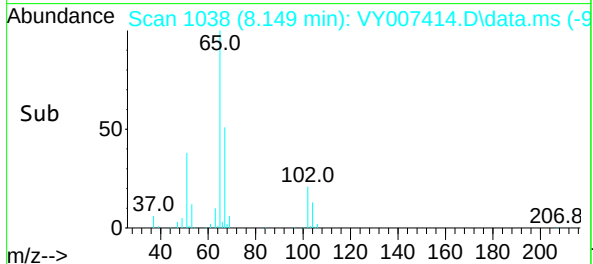
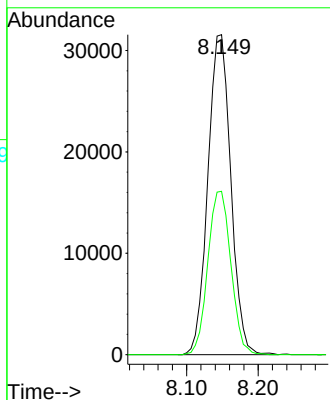
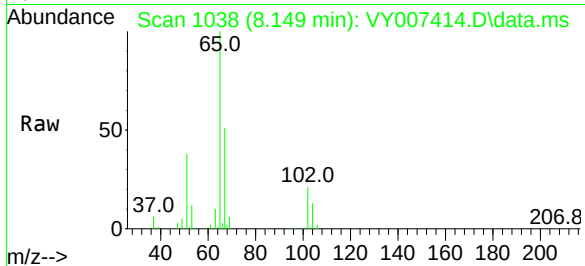




#33
1,2-Dichloroethane-d4
Concen: 56.189 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

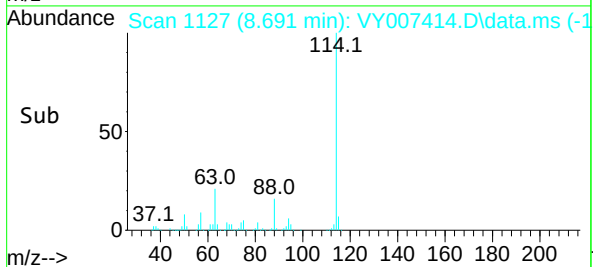
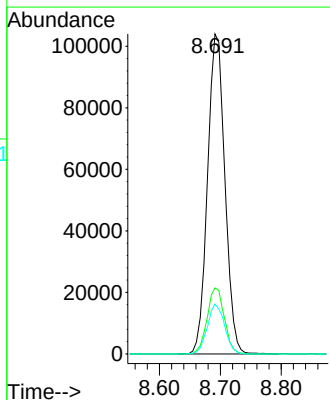
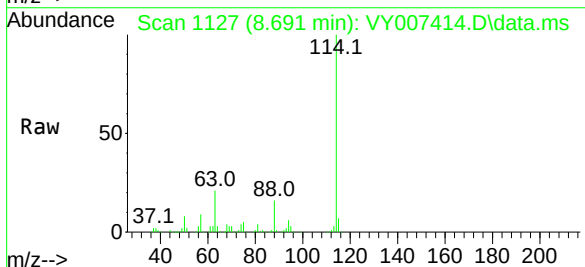
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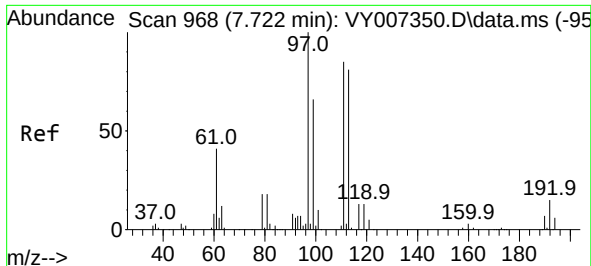
Tgt Ion: 65 Resp: 70428
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 114 Resp: 205910
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.6 0.0 31.8

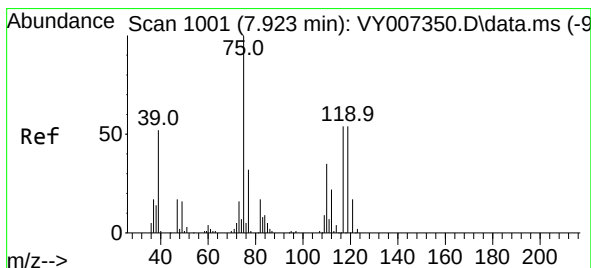
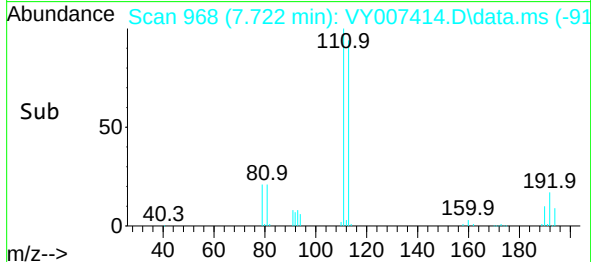
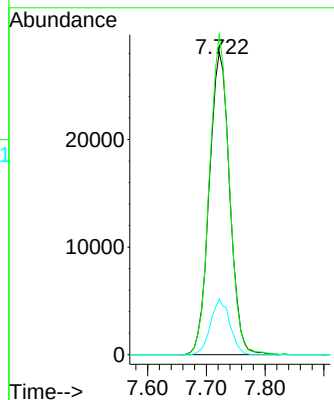
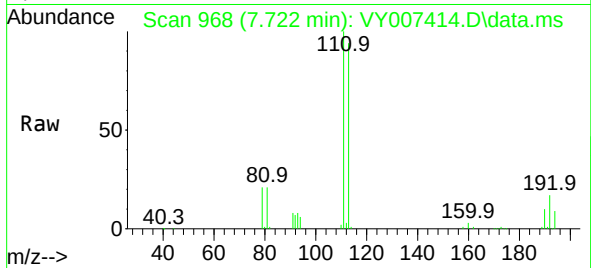




#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

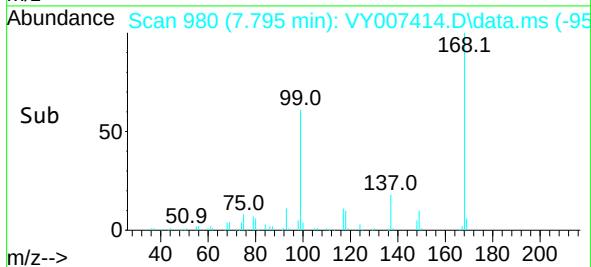
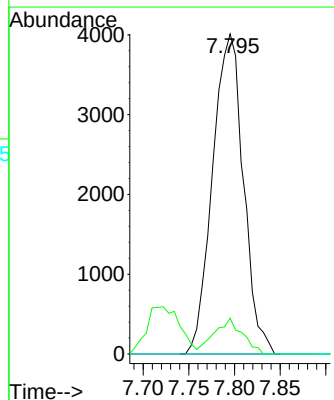
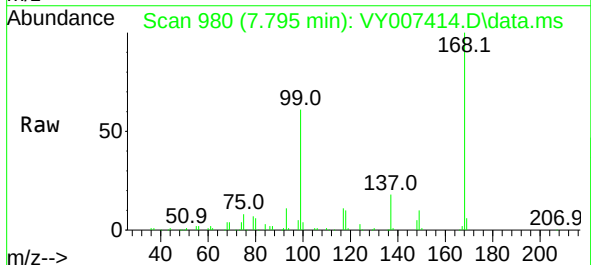
Instrument :
MSVOA_Y
ClientSampleId :
VOC

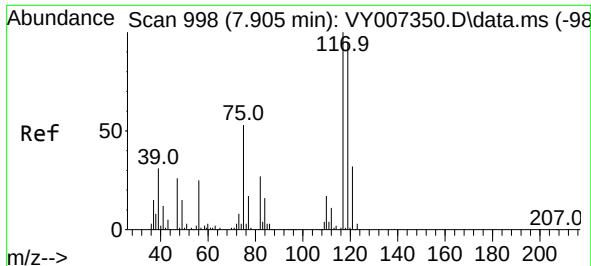
Tgt Ion:113 Resp: 68029
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.073 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 75 Resp: 9415
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

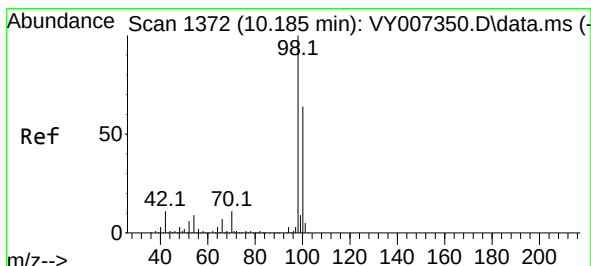
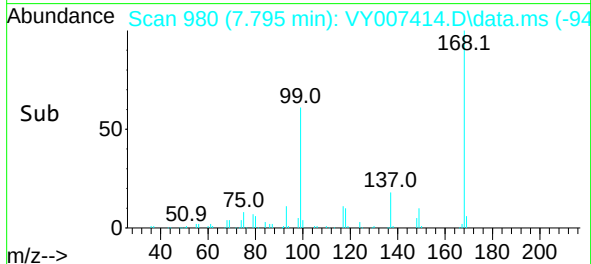
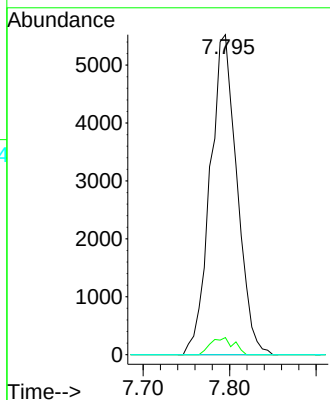
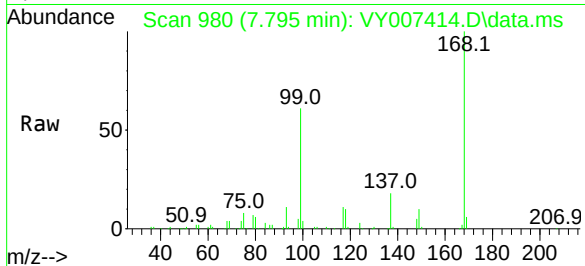




#38
Carbon Tetrachloride
Concen: 4.891 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

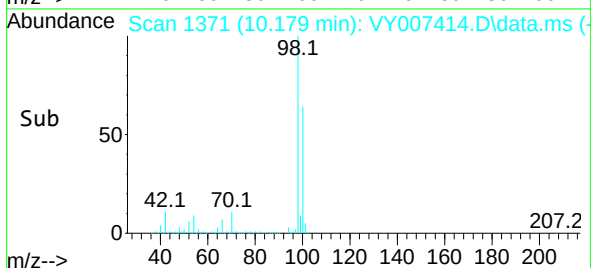
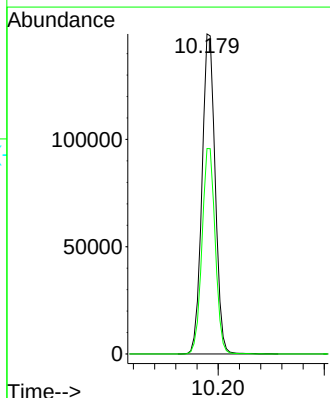
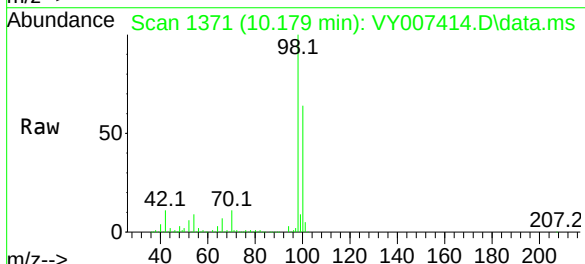
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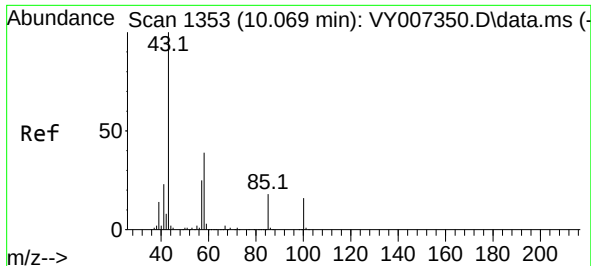
Tgt Ion:117 Resp: 11878
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 98 Resp: 257353
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

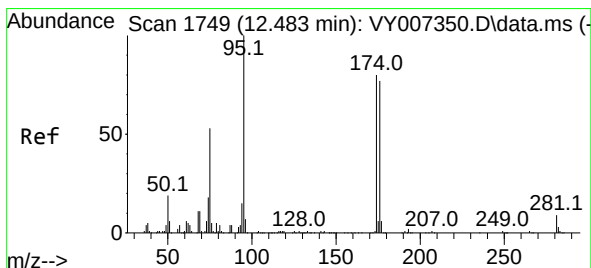
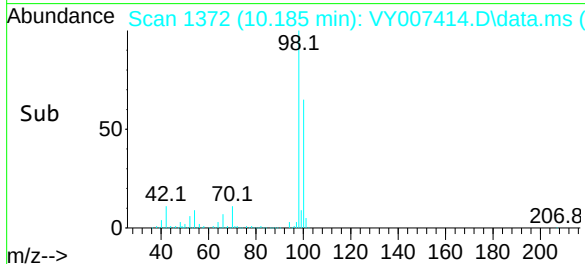
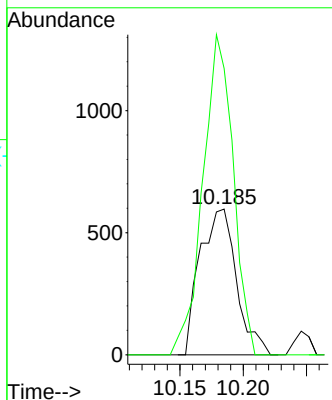
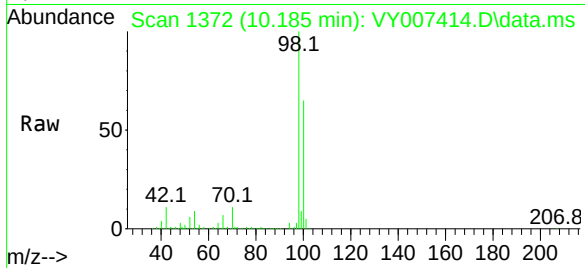




#51
4-Methyl-2-Pentanone
Concen: 1.100 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

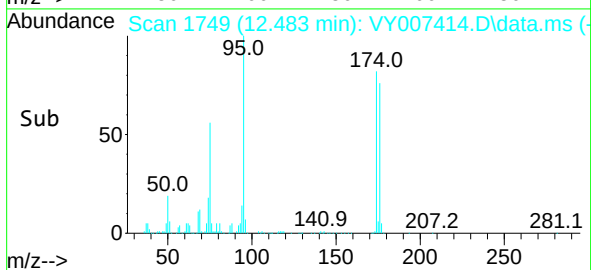
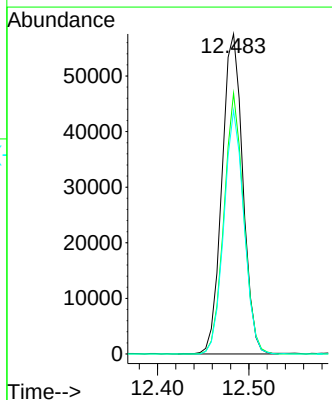
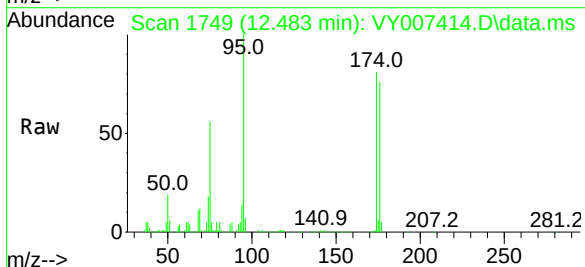
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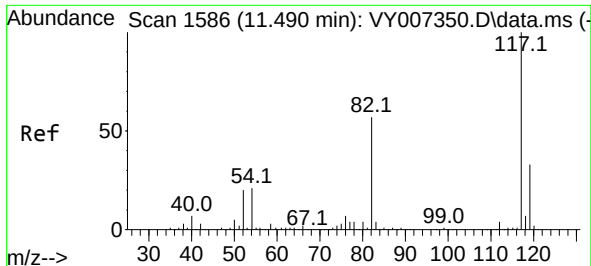
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 182.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 95 Resp: 91431
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 72.9 0.0 175.8

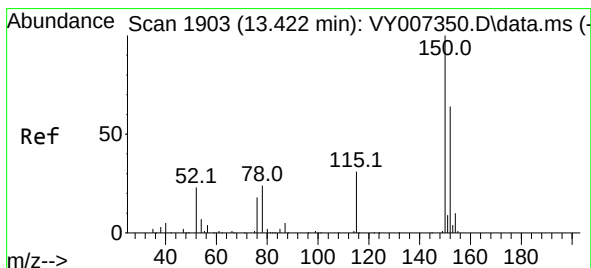
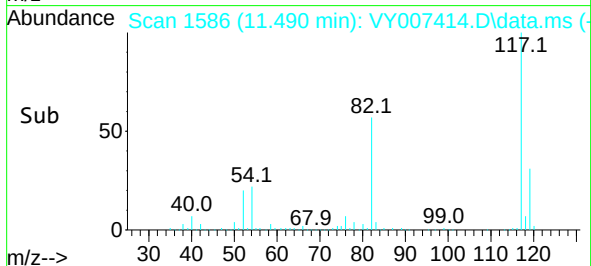
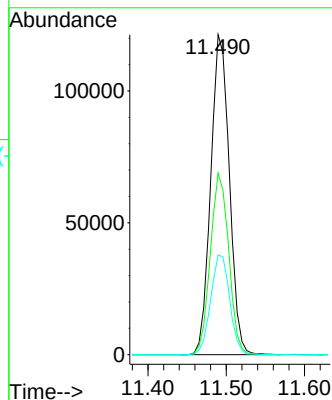
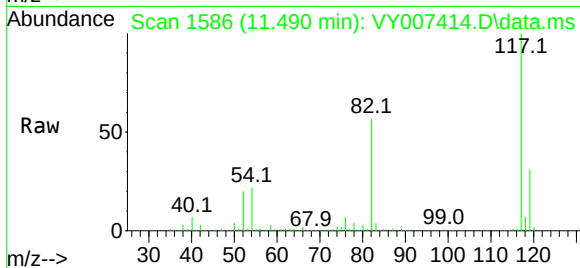




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

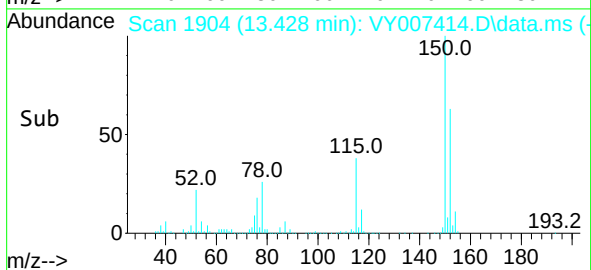
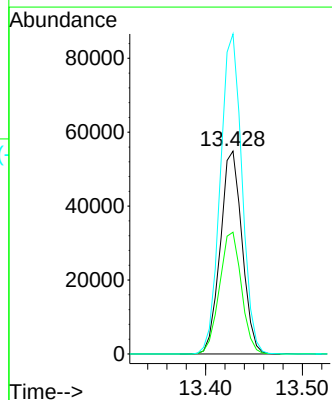
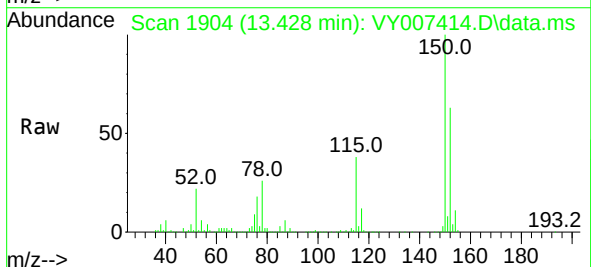
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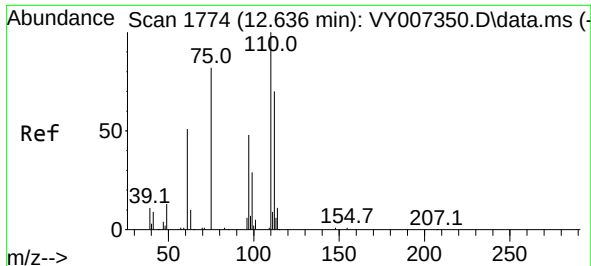
Tgt Ion:117 Resp: 200008
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion:152 Resp: 85535
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 156.8 0.0 347.6

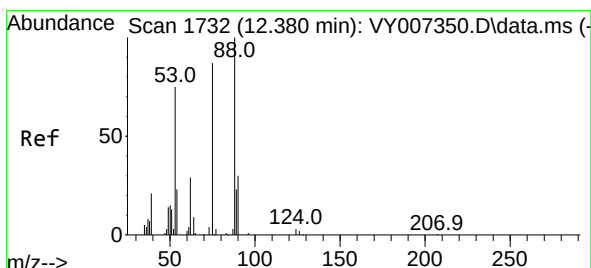
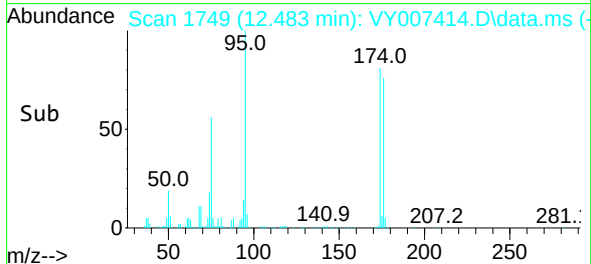
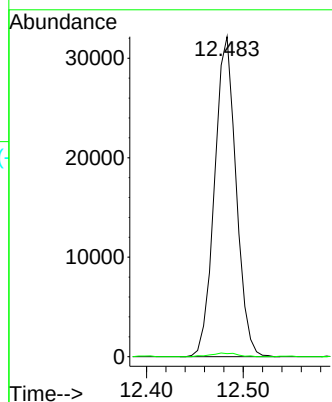
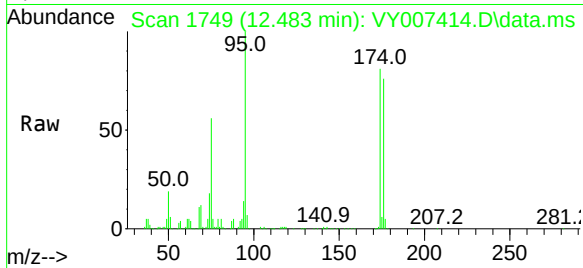




#76
1,2,3-Trichloropropane
Concen: 48.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 49721
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.961 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 75 Resp: 49721
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

