

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007982.D
 Acq On : 22 Mar 2022 03:27
 Operator : SY/MD
 Sample : N2031-09
 Misc : 7.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B3-031822-0-6

Quant Time: Mar 22 06:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

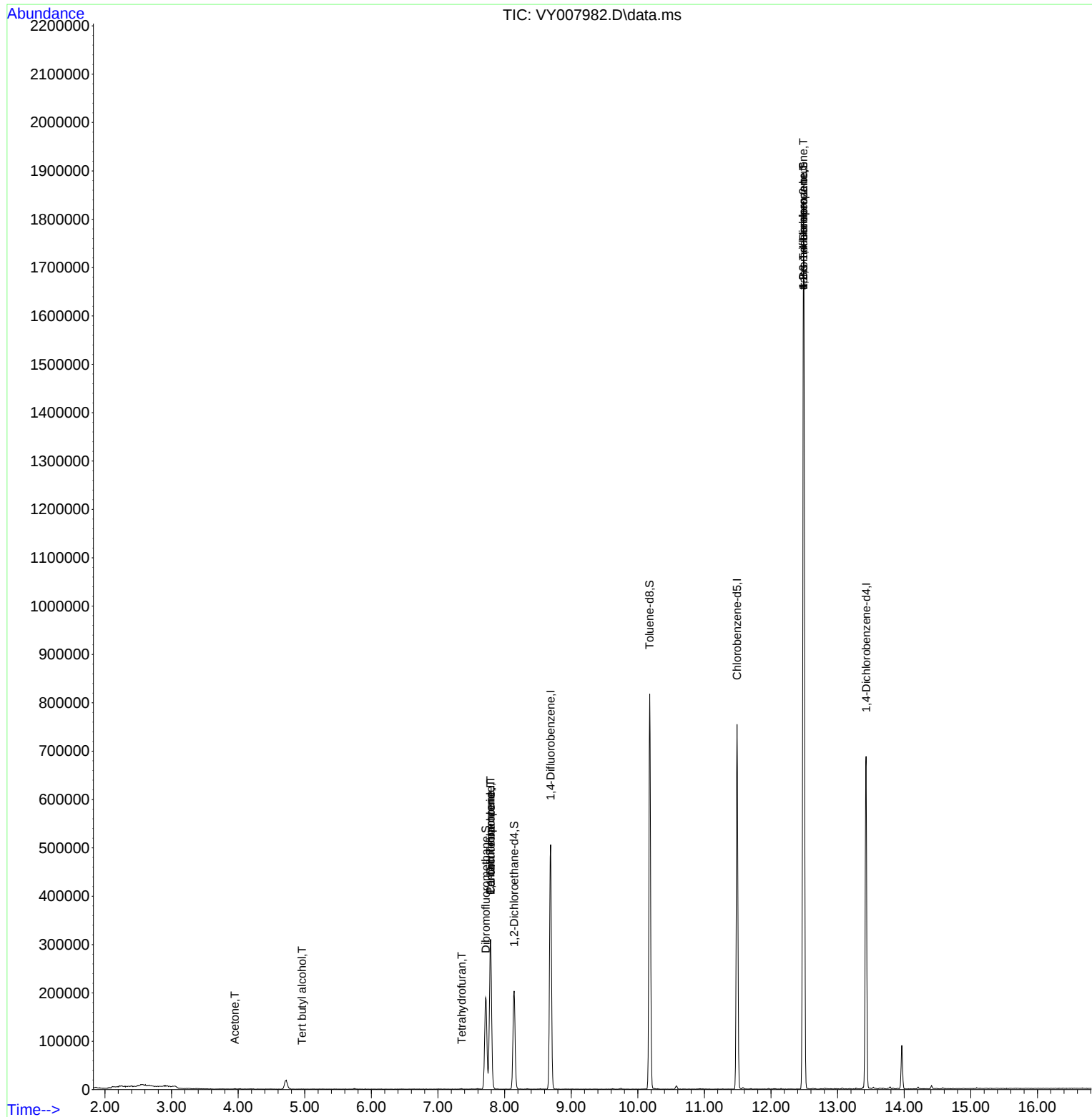
Internal Standards						
1) Pentafluorobenzene	7.789	168	226649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	435709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	400631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	157389	60.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.800%	
35) Dibromofluoromethane	7.716	113	136770	44.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.400%	
50) Toluene-d8	10.179	98	537677	59.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.560%	
62) 4-Bromofluorobenzene	12.483	95	190536	43.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	918	Below Cal		97
4) Vinyl Chloride	2.235	62	311	Below Cal	#	43
5) Bromomethane	2.668	94	479	Below Cal		94
11) Tert butyl alcohol	4.960	59	367	1.219 ug/l	#	77
16) Acetone	3.948	43	1422	2.074 ug/l	#	60
17) Carbon Disulfide	4.198	76	296	Below Cal	#	75
18) Methyl Acetate	4.479	43	1248	Below Cal	#	56
29) Tetrahydrofuran	7.356	42	834	1.185 ug/l	#	65
31) Cyclohexane	7.789	56	5528	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	19715	4.344 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	24235	4.997 ug/l	#	16
39) Methylcyclohexane	9.179	83	48	Below Cal	#	5
76) 1,2,3-Trichloropropane	12.483	75	114367	47.493 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	114367	99.755 ug/l	#	9

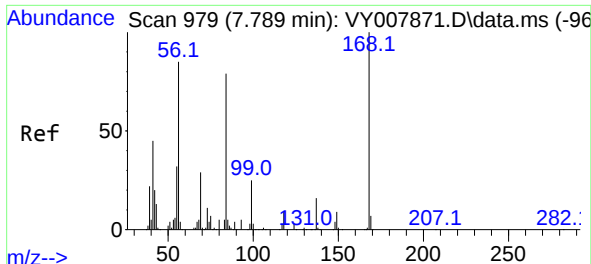
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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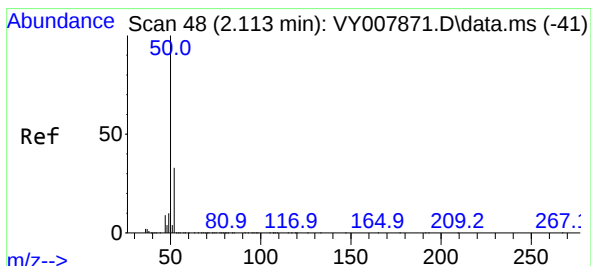
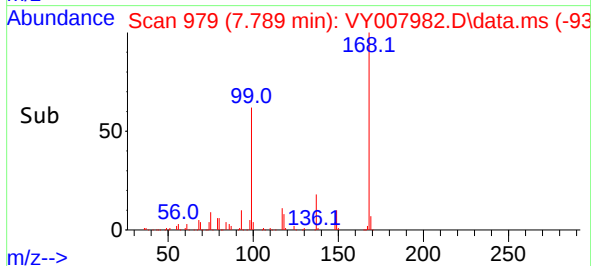
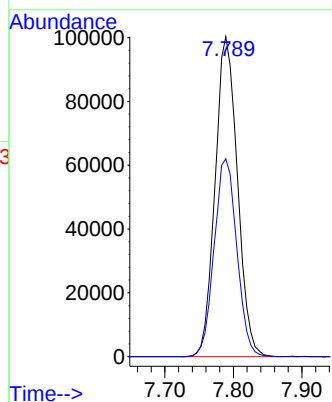
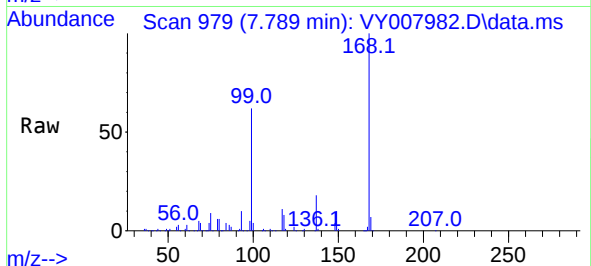




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

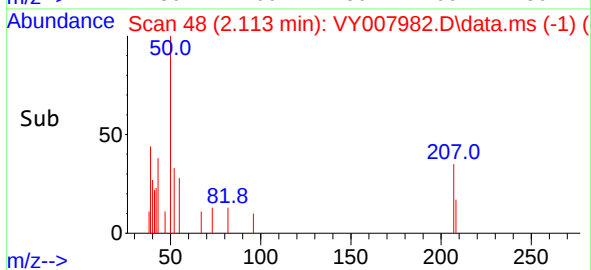
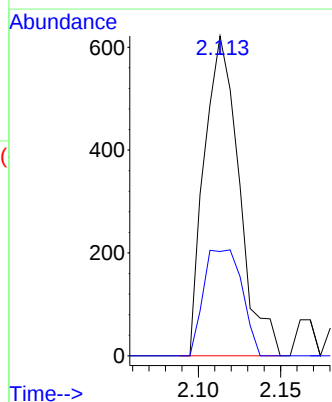
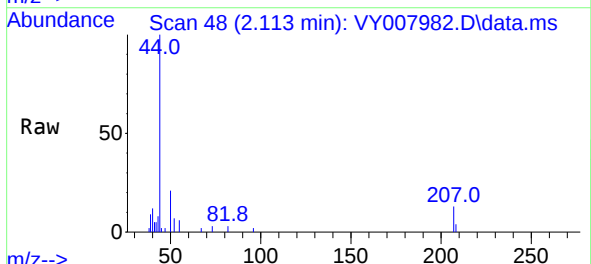
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

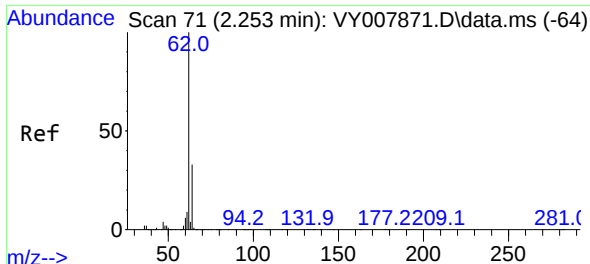
Tgt Ion:168 Resp: 226649
Ion Ratio Lower Upper
168 100
99 61.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 50 Resp: 918
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0

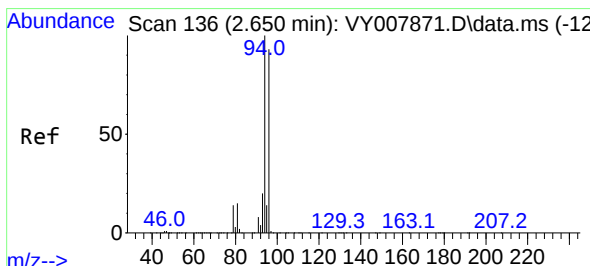
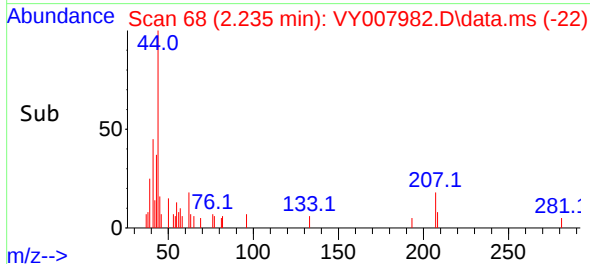
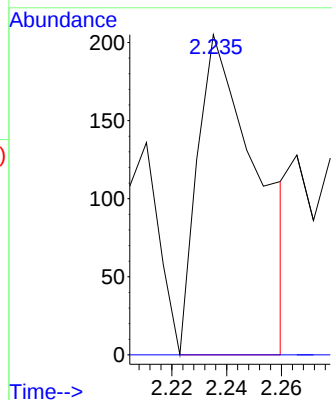
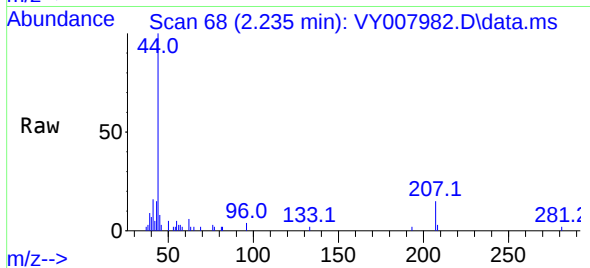




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.235 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY007982.D
 Acq: 22 Mar 2022 03:27

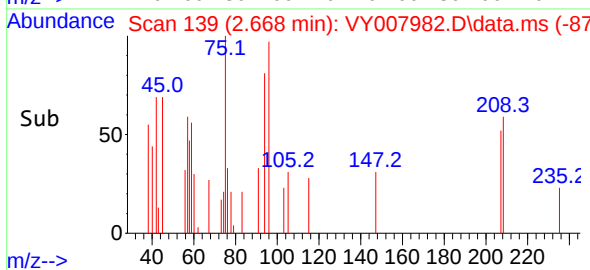
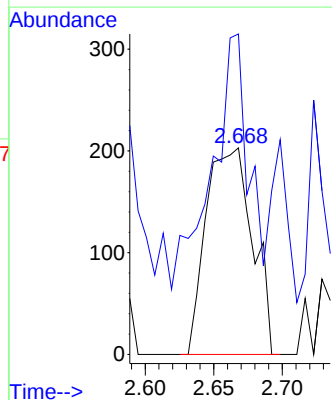
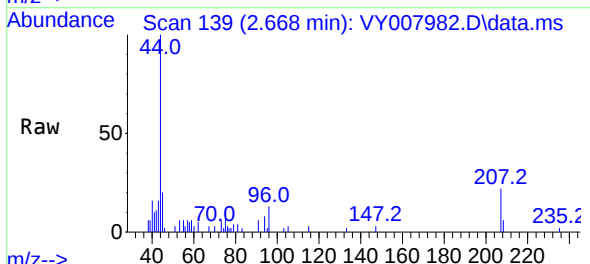
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B3-031822-0-6

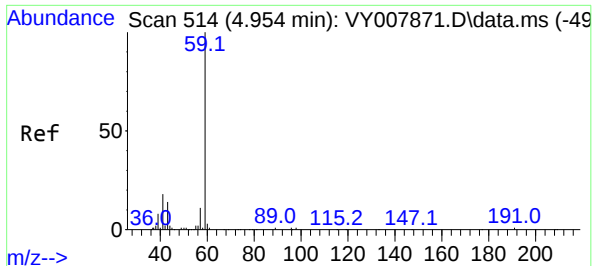
Tgt Ion: 62 Resp: 311
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.668 min Scan# 139
 Delta R.T. 0.018 min
 Lab File: VY007982.D
 Acq: 22 Mar 2022 03:27

Tgt Ion: 94 Resp: 479
 Ion Ratio Lower Upper
 94 100
 96 97.5 73.5 110.3





#11

Tert butyl alcohol

Concen: 1.219 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY007982.D

Acq: 22 Mar 2022 03:27

Instrument :

MSVOA_Y

ClientSampleId :

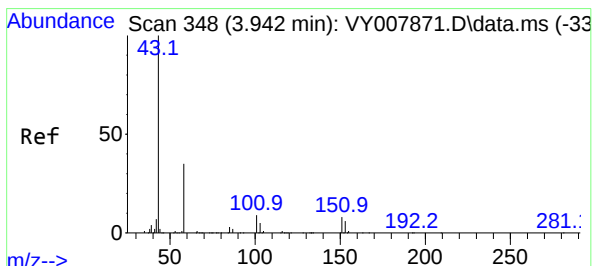
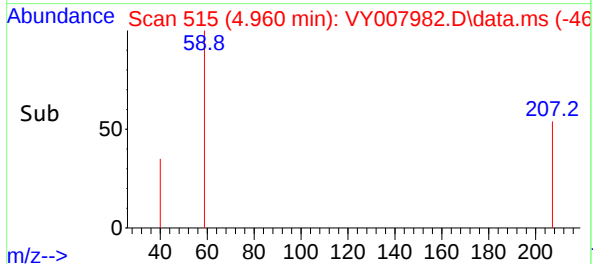
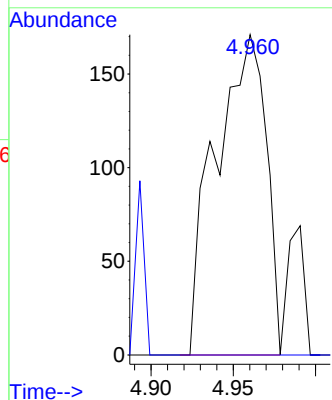
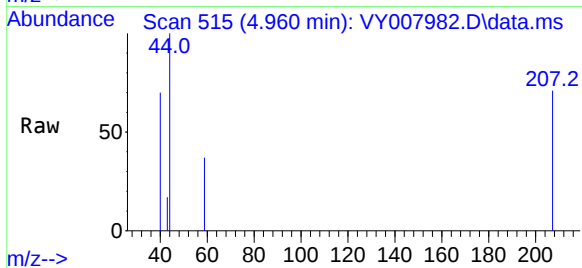
CMP-B3-031822-0-6

Tgt Ion: 59 Resp: 367

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.074 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY007982.D

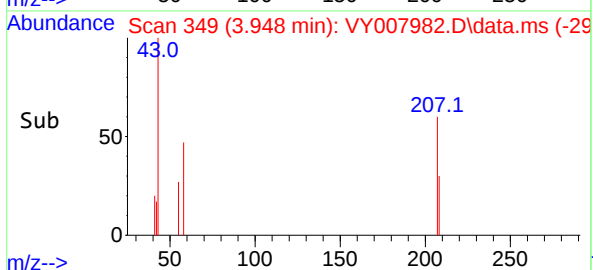
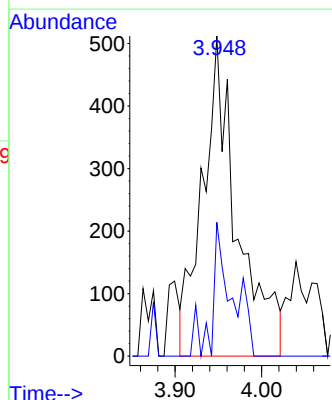
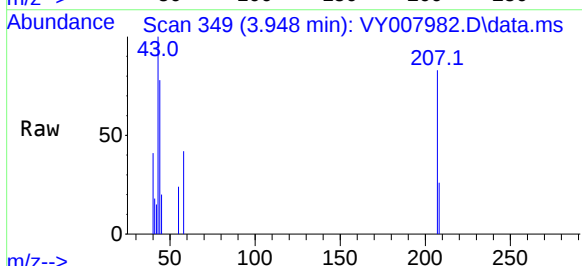
Acq: 22 Mar 2022 03:27

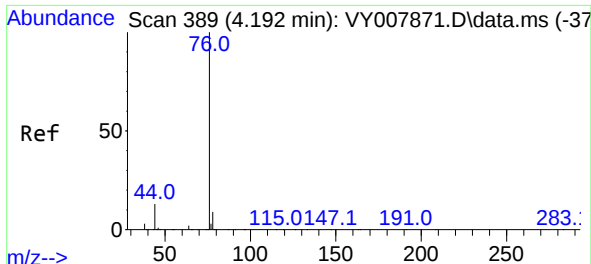
Tgt Ion: 43 Resp: 1422

Ion Ratio Lower Upper

43 100

58 48.6 22.0 33.0#

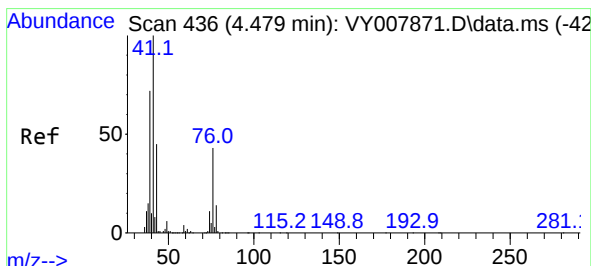
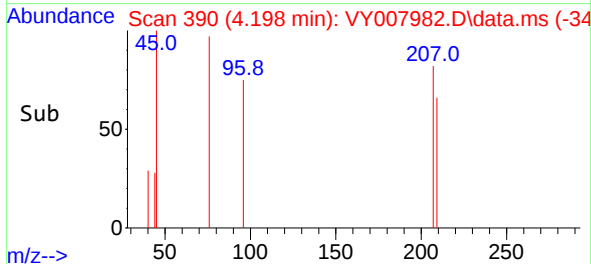
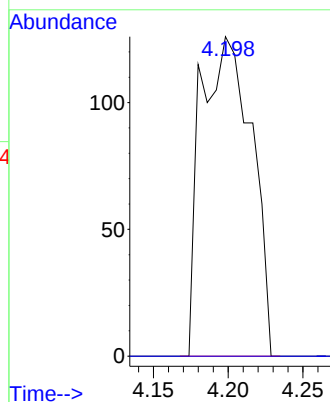
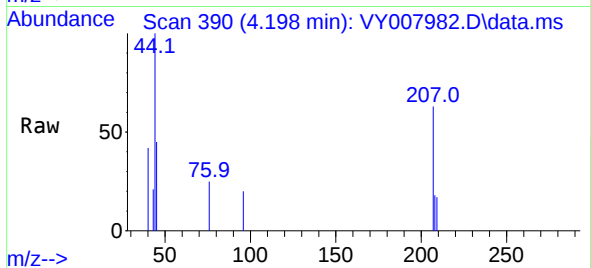




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

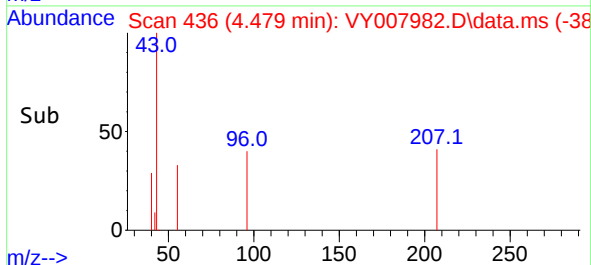
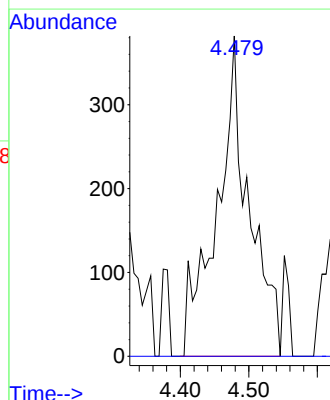
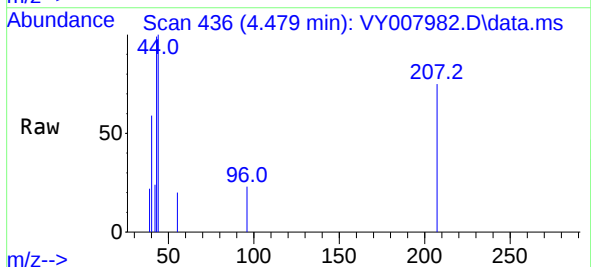
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

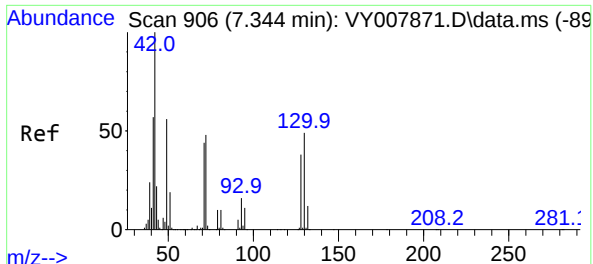
Tgt Ion: 76 Resp: 296
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

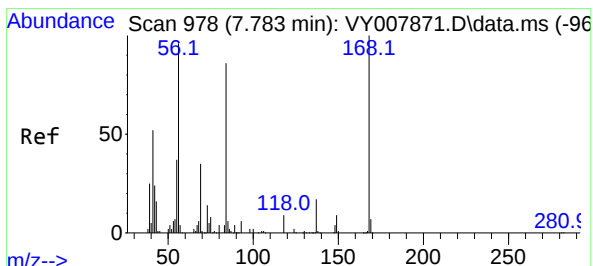
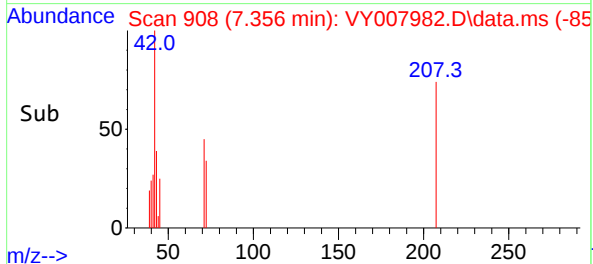
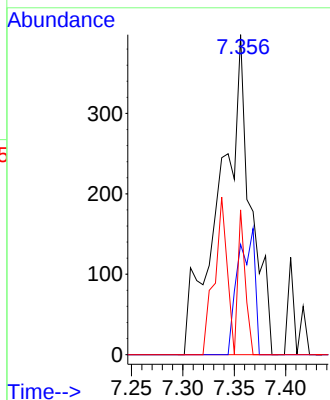
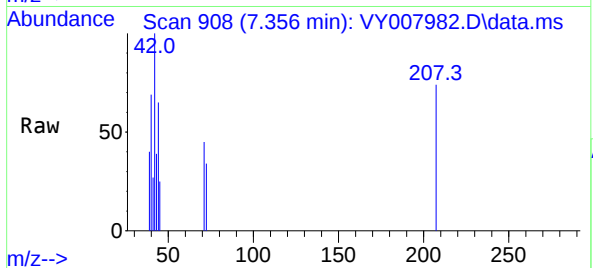




#29
Tetrahydrofuran
Concen: 1.185 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

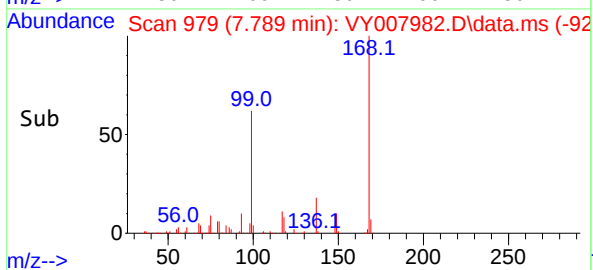
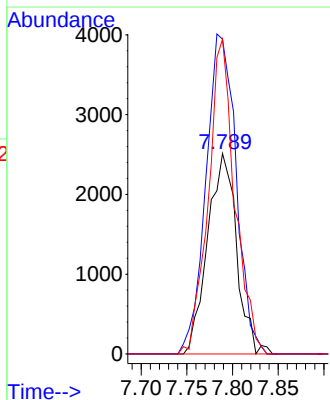
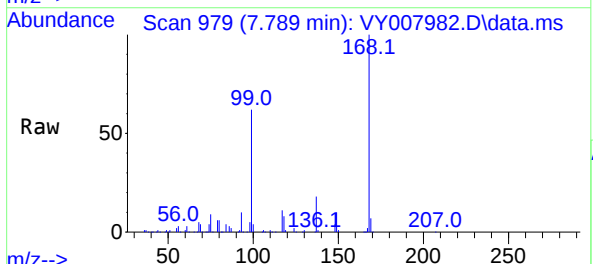
Instrument :
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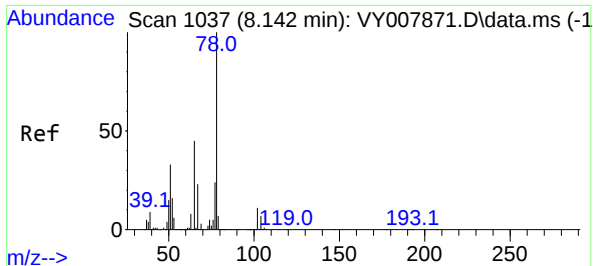
Tgt Ion: 42 Resp: 834
Ion Ratio Lower Upper
42 100
72 21.2 30.3 45.5#
71 10.8 29.0 43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 56 Resp: 5528
Ion Ratio Lower Upper
56 100
69 156.9 26.7 40.1#
84 157.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.904 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007982.D

Acq: 22 Mar 2022 03:27

Instrument :

MSVOA_Y

ClientSampleId :

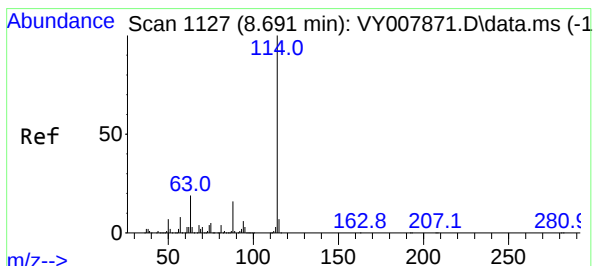
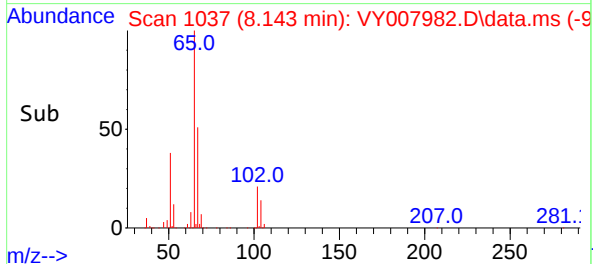
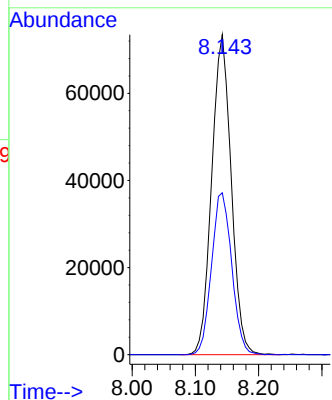
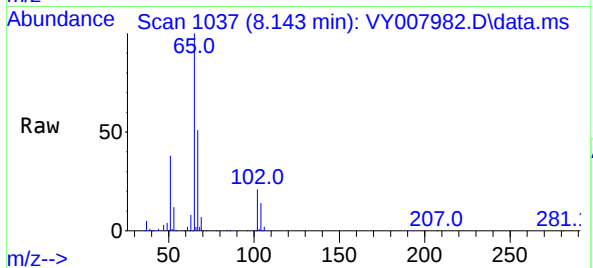
CMP-B3-031822-0-6

Tgt Ion: 65 Resp: 157389

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007982.D

Acq: 22 Mar 2022 03:27

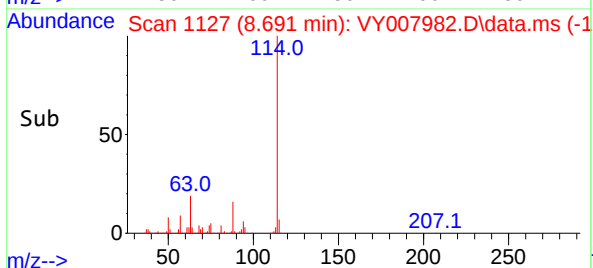
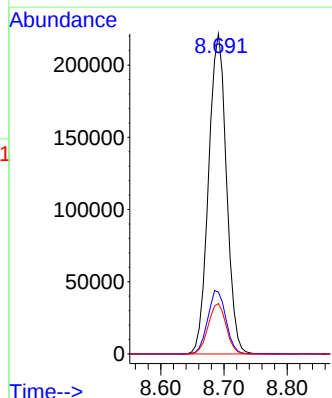
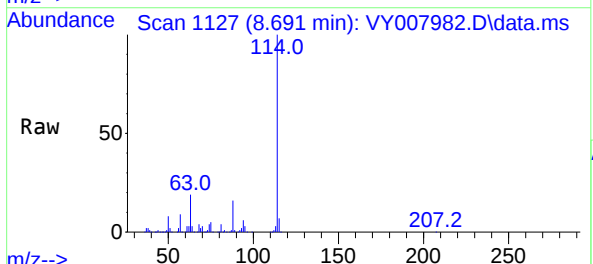
Tgt Ion:114 Resp: 435709

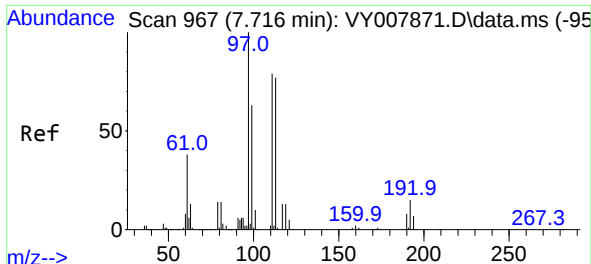
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8

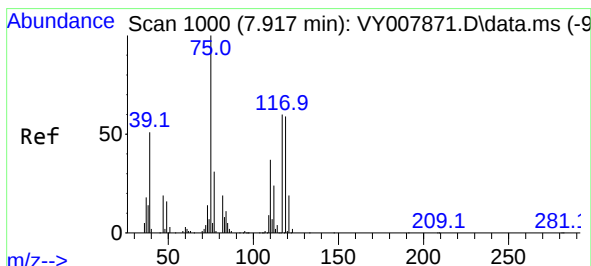
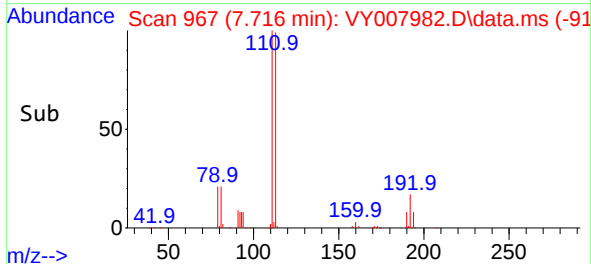
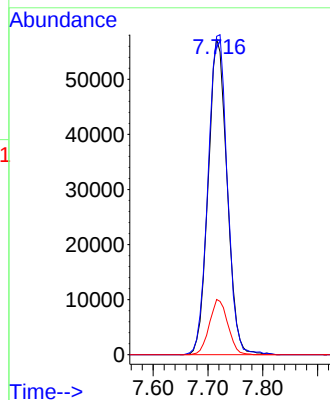
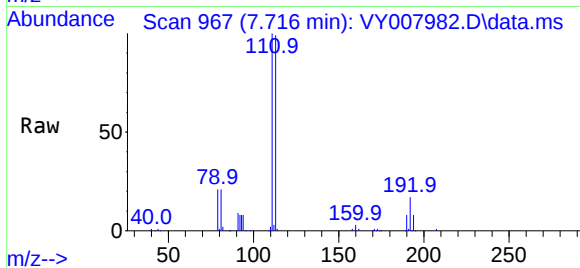




#35
Dibromofluoromethane
Concen: 44.697 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

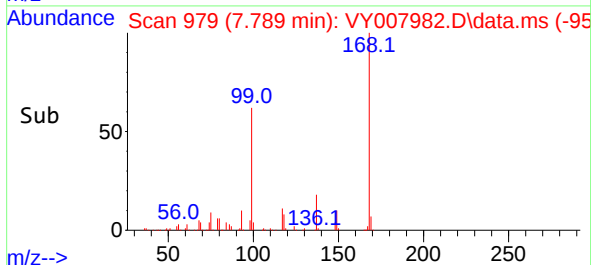
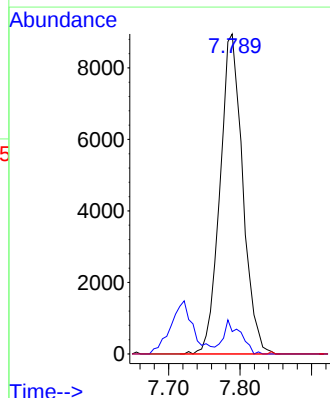
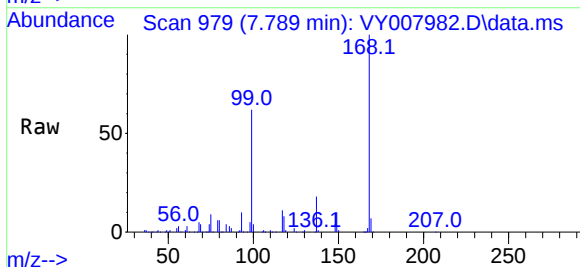
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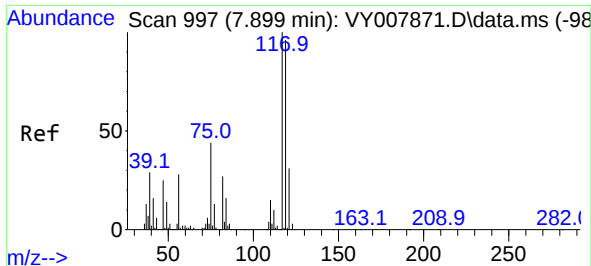
Tgt Ion:113 Resp: 136770
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.1 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.344 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 75 Resp: 19715
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#

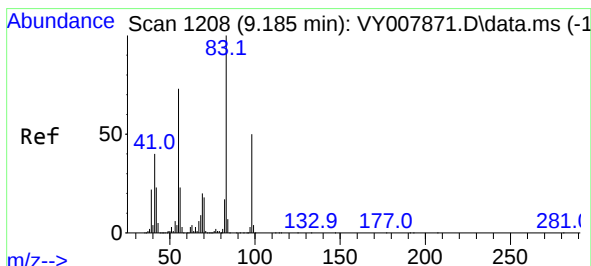
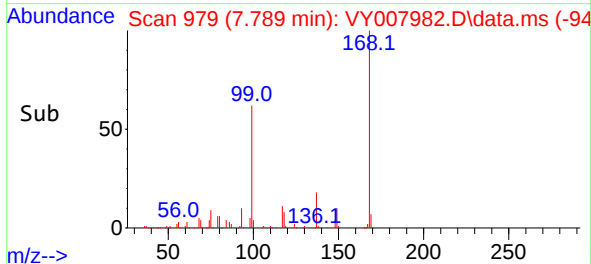
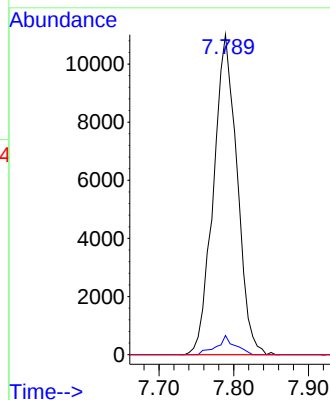
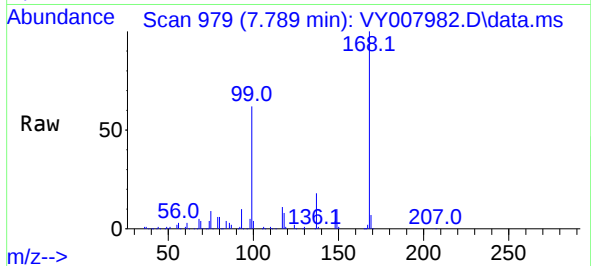




#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

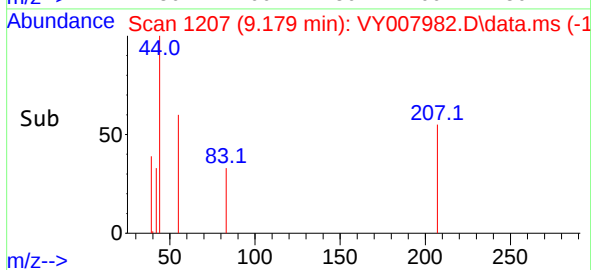
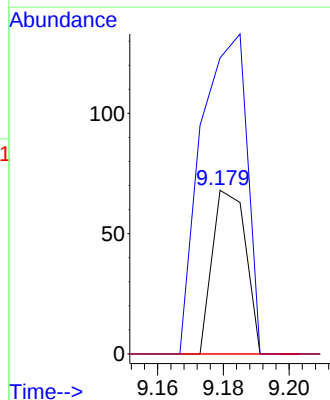
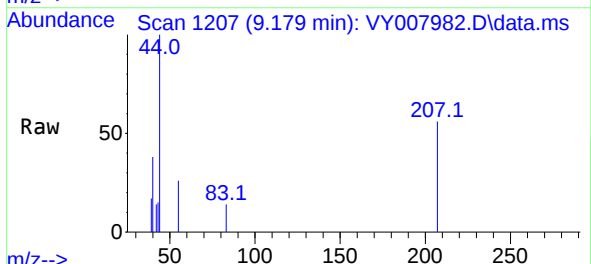
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

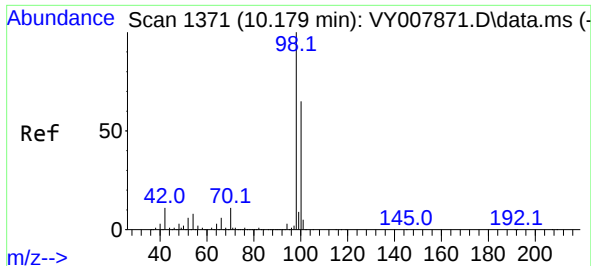
Tgt Ion:117 Resp: 24235
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 83 Resp: 48
Ion Ratio Lower Upper
83 100
55 180.9 66.5 99.7#
98 0.0 37.9 56.9#

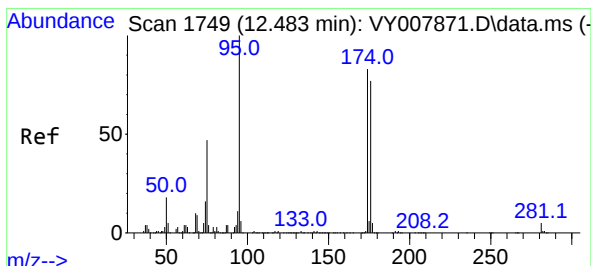
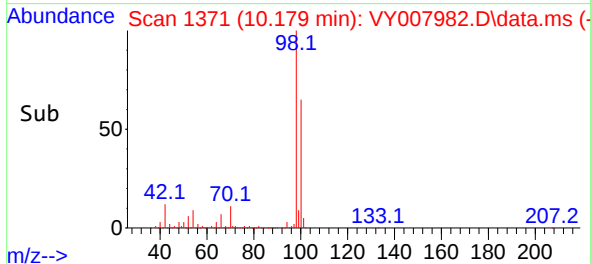
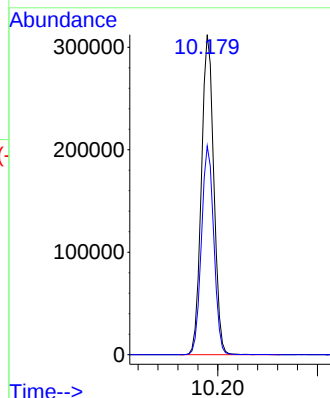
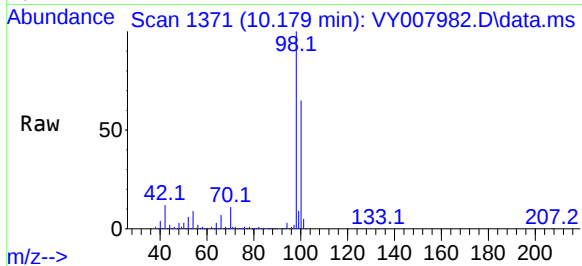




#50
Toluene-d8
Concen: 59.281 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

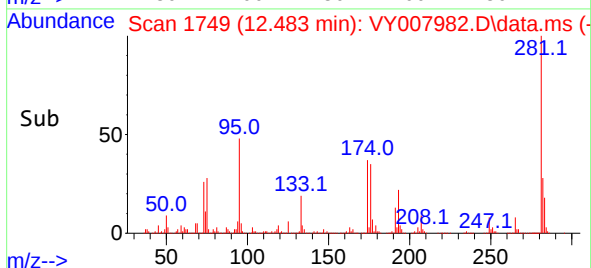
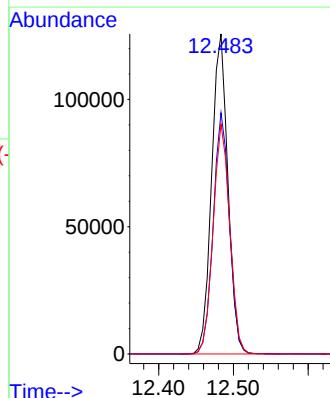
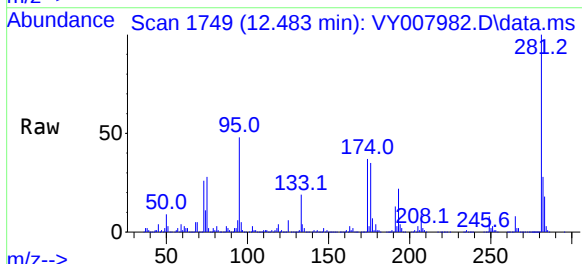
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

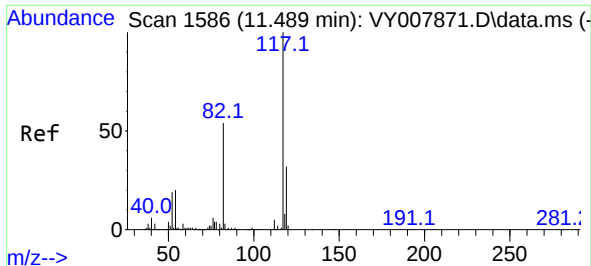
Tgt Ion: 98 Resp: 537677
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 95 Resp: 190536
Ion Ratio Lower Upper
95 100
174 74.9 0.0 177.0
176 73.5 0.0 175.8

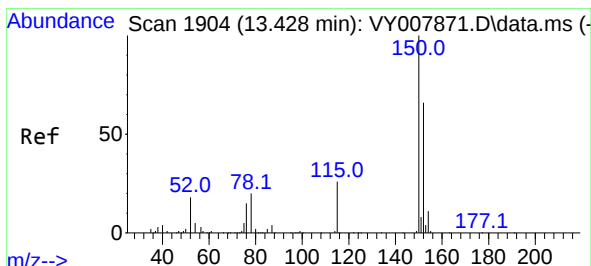
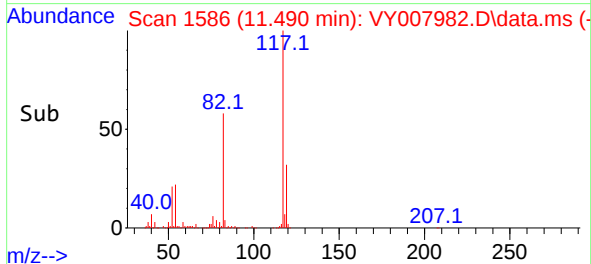
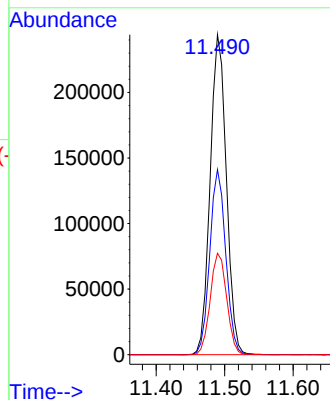
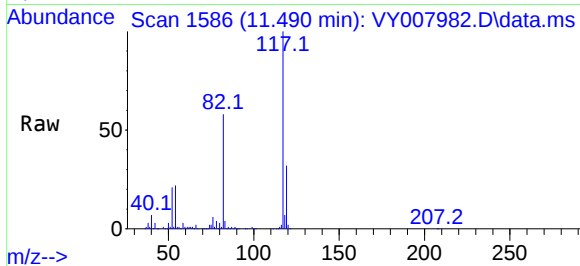




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

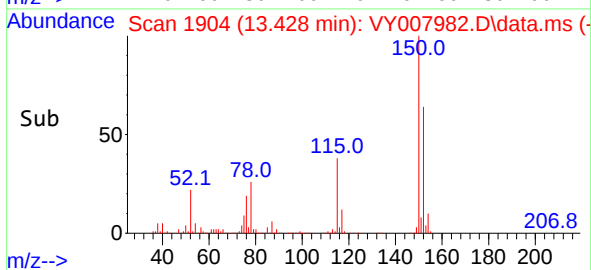
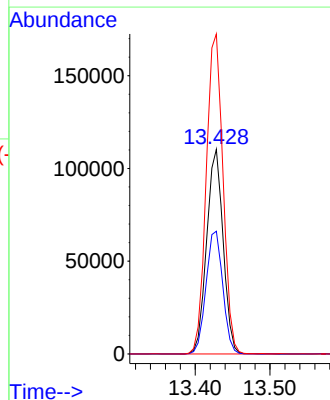
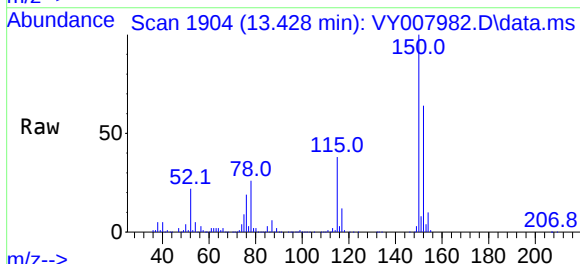
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

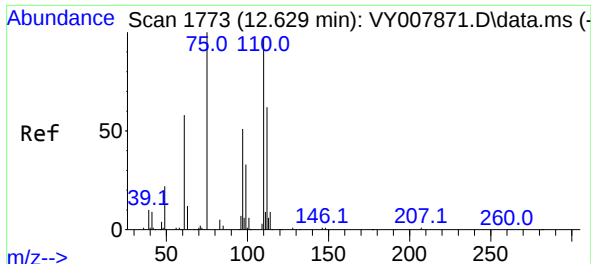
Tgt Ion:117	Resp: 400631		
Ion Ratio	Lower	Upper	
117 100			
82 57.9	43.0	64.4	
119 31.7	25.4	38.0	



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion:152	Resp: 168948		
Ion Ratio	Lower	Upper	
152	100		
115	61.1	28.2	84.7
150	158.8	0.0	347.6

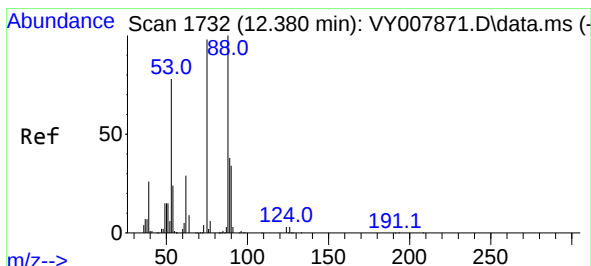
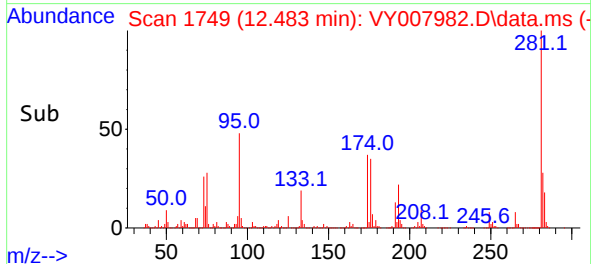
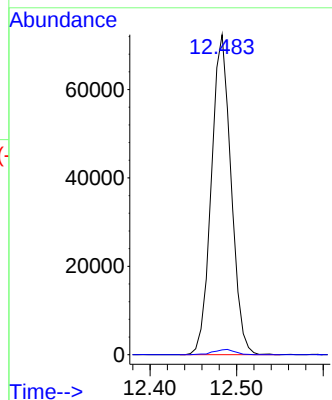
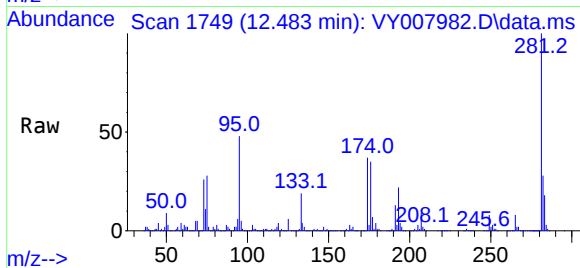




#76
1,2,3-Trichloropropane
Concen: 47.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B3-031822-0-6

Tgt Ion: 75 Resp: 114367
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007982.D
Acq: 22 Mar 2022 03:27

Tgt Ion: 75 Resp: 114367
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 4.3 37.0 55.4#

