

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007979.D
 Acq On : 22 Mar 2022 02:17
 Operator : SY/MD
 Sample : N2031-05
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-0-2-BD

Quant Time: Mar 22 03:45:15 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	222973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147948	58.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.380%
35) Dibromofluoromethane	7.716	113	131378	44.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.179	98	514208	58.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.760%
62) 4-Bromofluorobenzene	12.483	95	159108	37.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.740%

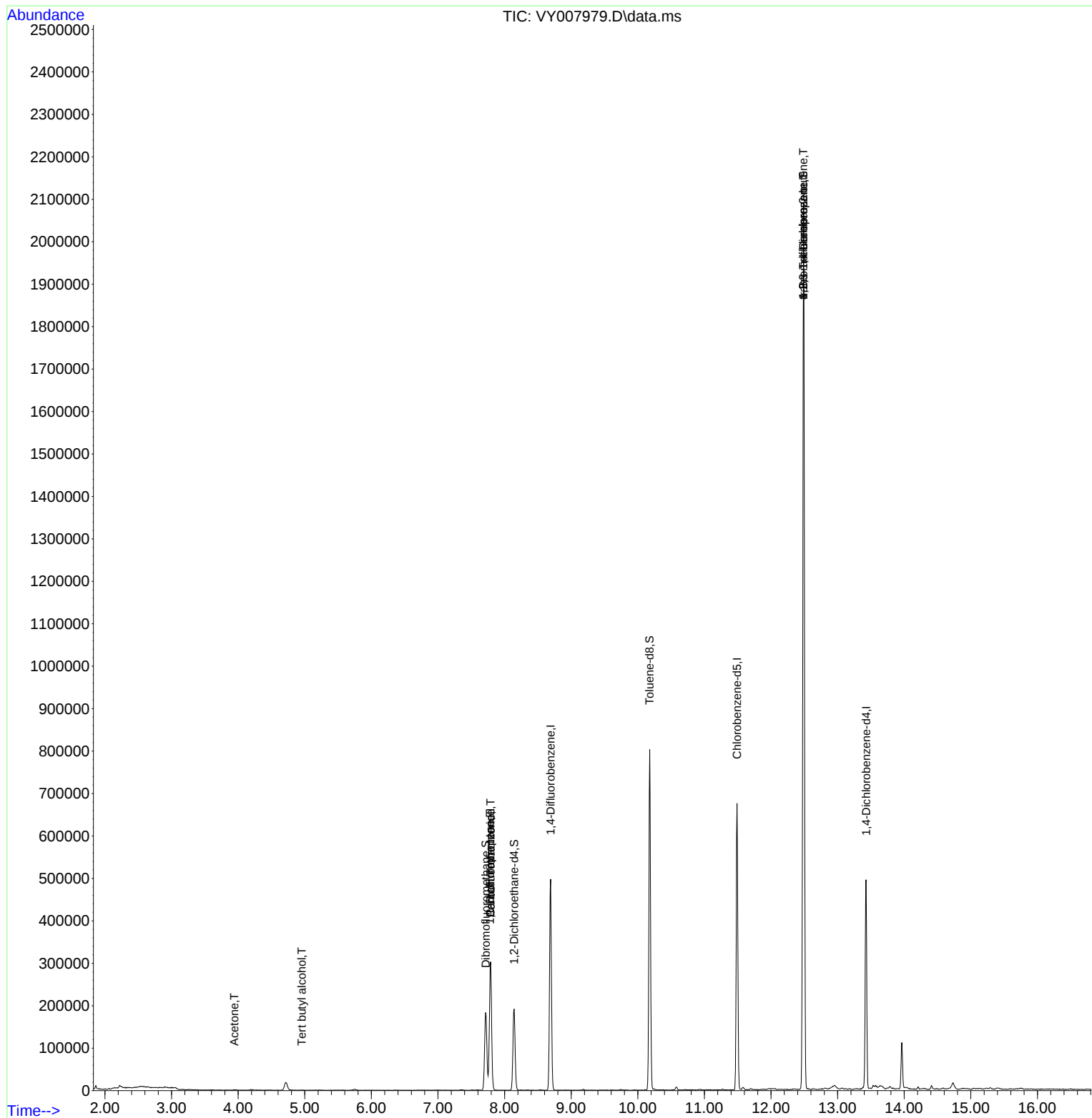
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	28	Below Cal	# 43
3) Chloromethane	2.113	50	887	Below Cal	# 41
4) Vinyl Chloride	2.260	62	32	Below Cal	# 43
5) Bromomethane	2.662	94	373	Below Cal	# 48
11) Tert butyl alcohol	4.954	59	378	1.276 ug/l	# 77
16) Acetone	3.942	43	929	1.377 ug/l	# 74
17) Carbon Disulfide	4.186	76	1923	Below Cal	# 75
18) Methyl Acetate	4.466	43	405	Below Cal	# 56
31) Cyclohexane	7.783	56	5578	Below Cal	# 1
36) 1,1-Dichloropropene	7.783	75	19149	4.351 ug/l	# 52
38) Carbon Tetrachloride	7.789	117	24604	5.232 ug/l	# 15
39) Methylcyclohexane	9.179	83	731	Below Cal	# 90
76) 1,2,3-Trichloropropane	12.483	75	101079	58.276 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	101079	122.404 ug/l	# 10

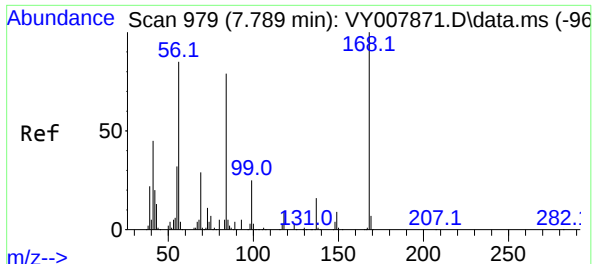
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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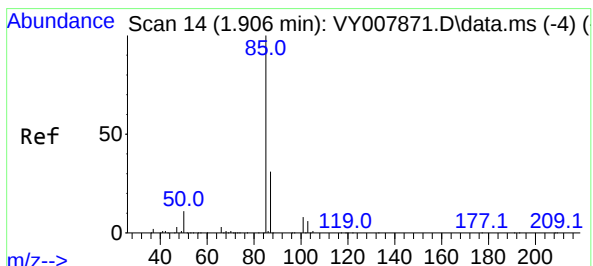
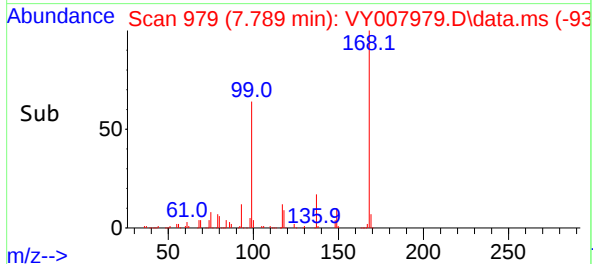
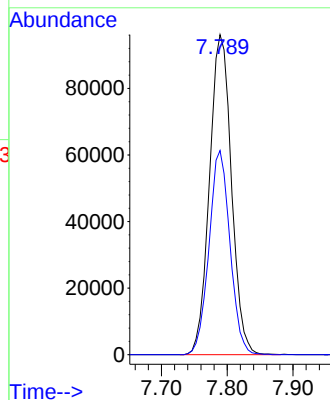
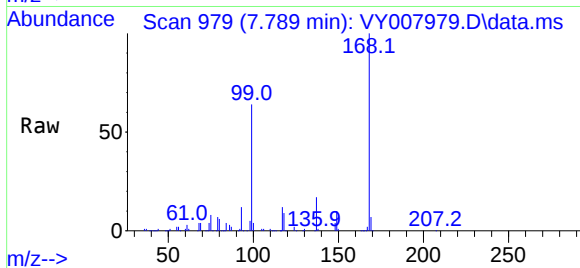




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

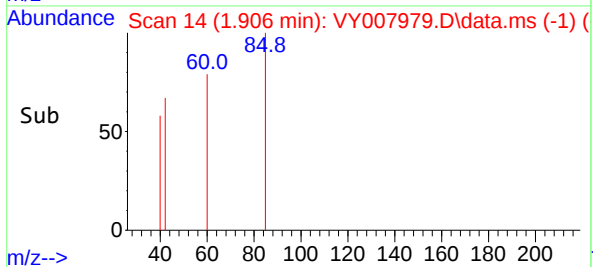
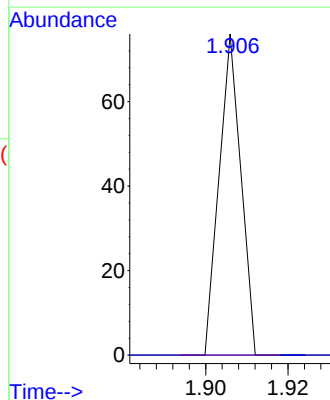
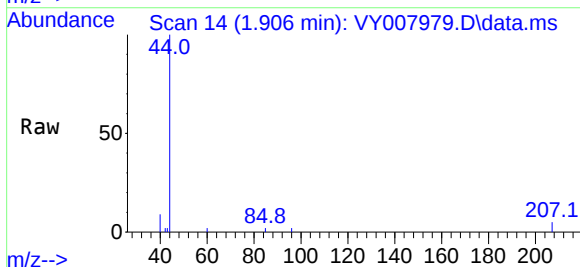
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

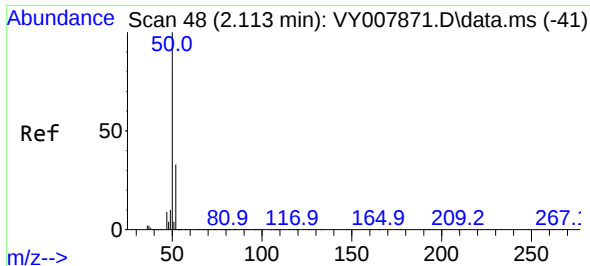
Tgt Ion:168 Resp: 222973
Ion Ratio Lower Upper
168 100
99 63.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 85 Resp: 28
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

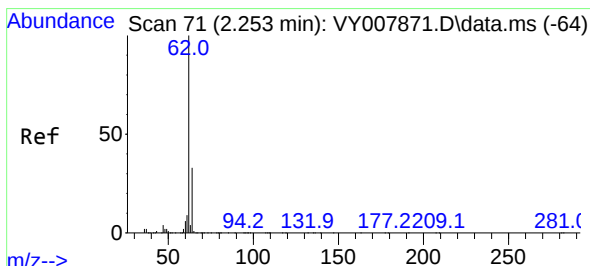
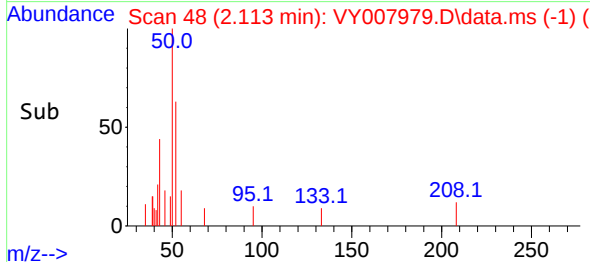
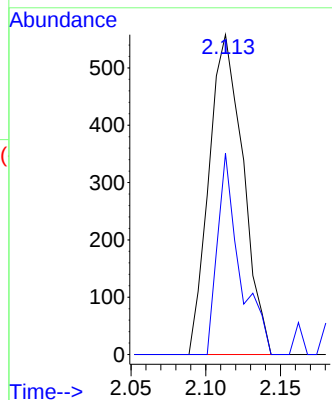
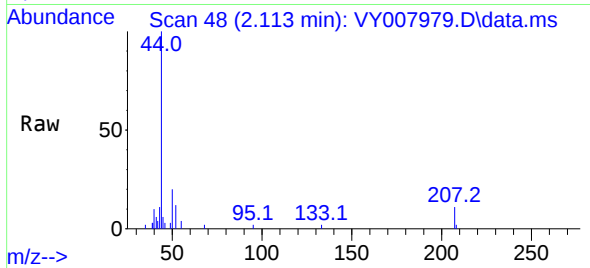




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

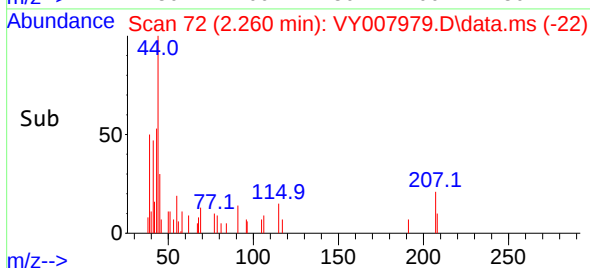
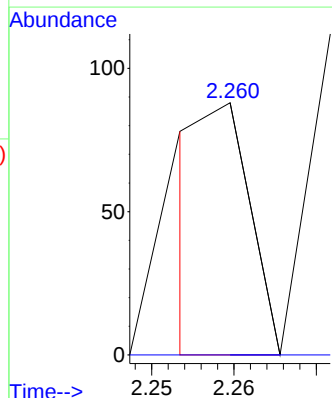
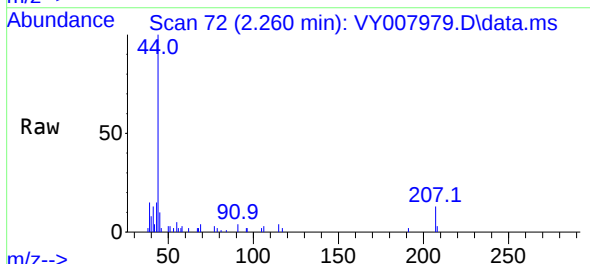
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

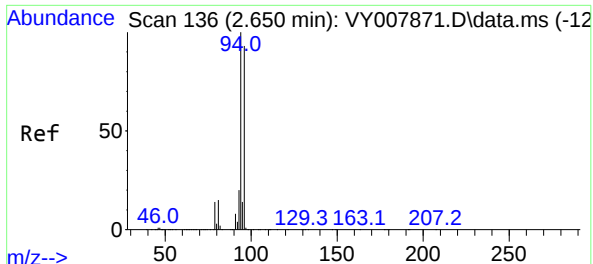
Tgt Ion: 50 Resp: 887
Ion Ratio Lower Upper
50 100
52 62.9 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 62 Resp: 32
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

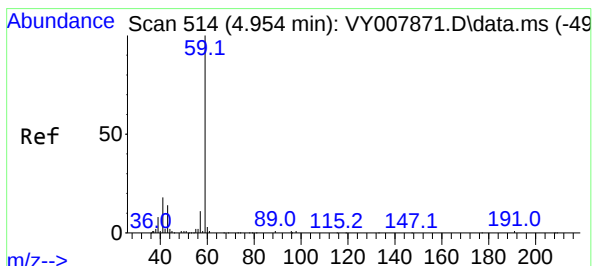
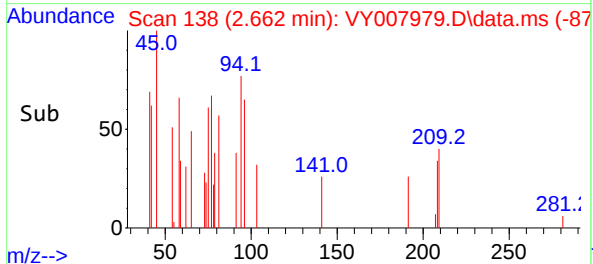
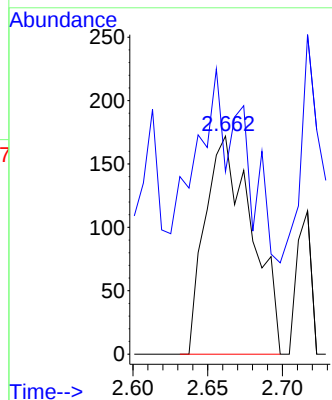
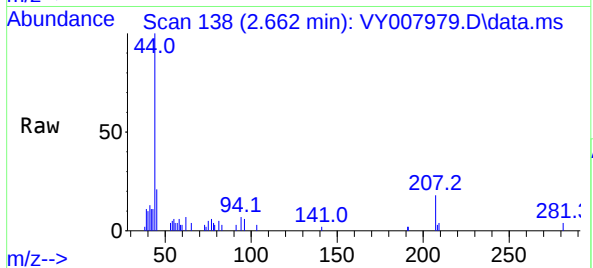




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

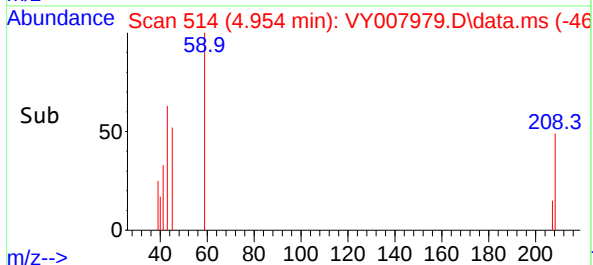
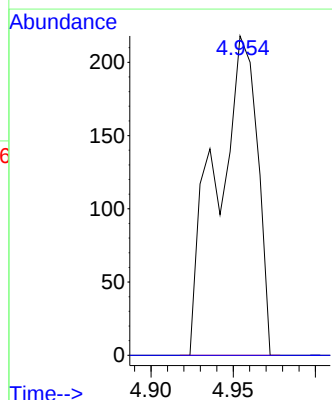
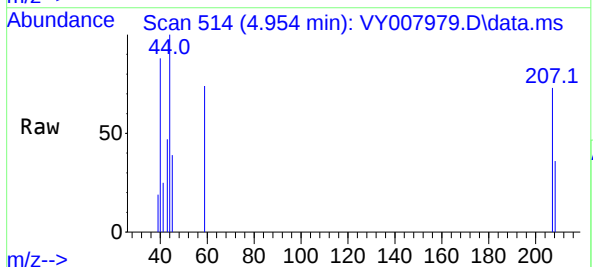
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

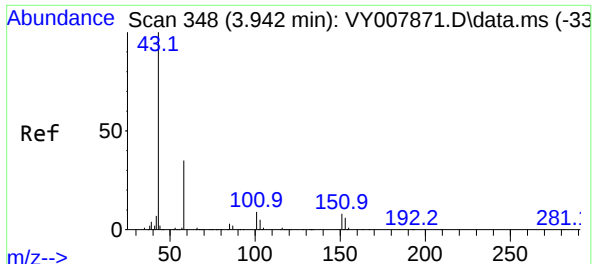
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 41.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.276 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.377 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY007979.D

Acq: 22 Mar 2022 02:17

Instrument :

MSVOA_Y

ClientSampleId :

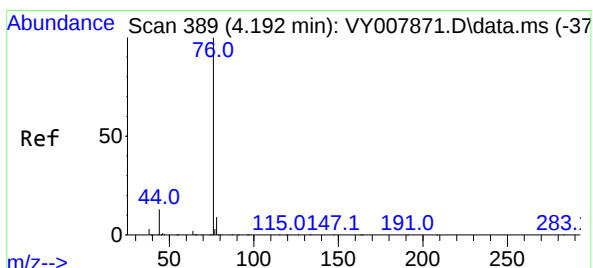
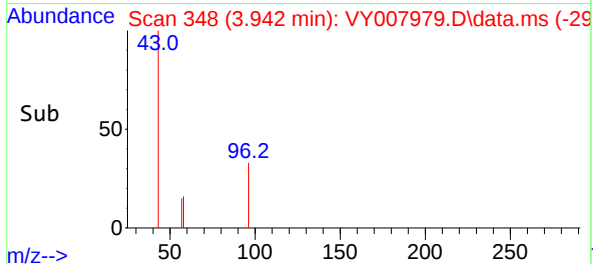
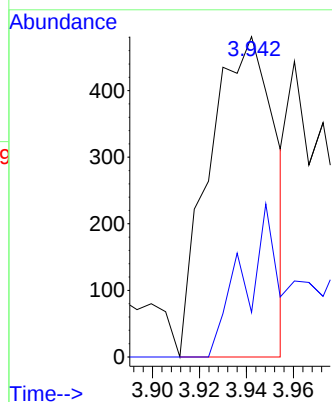
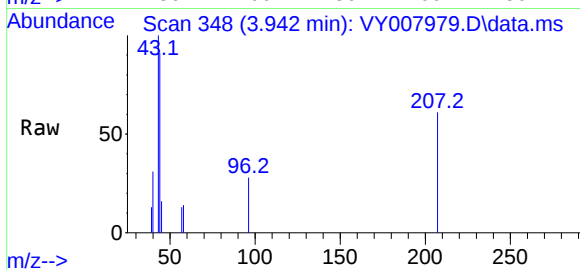
CMP-B1-031822-0-2-BD

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 13.9 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY007979.D

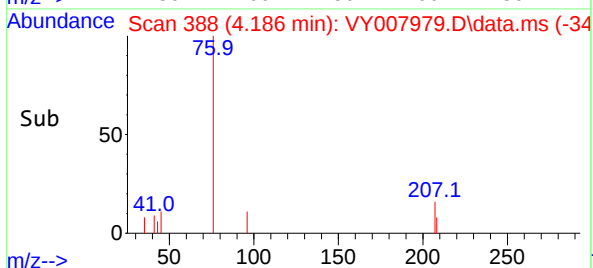
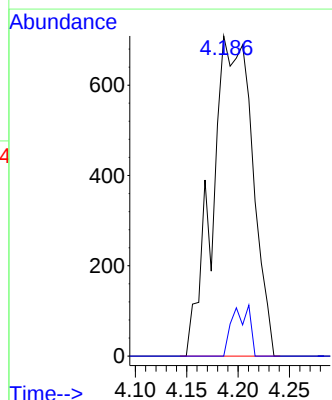
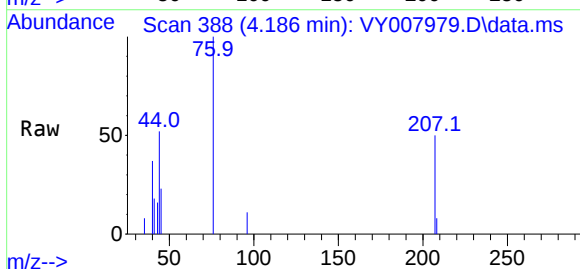
Acq: 22 Mar 2022 02:17

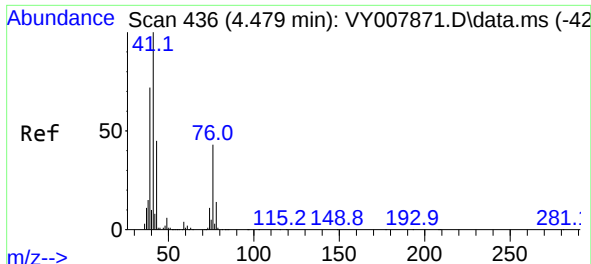
Tgt Ion: 76 Resp: 1923

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007979.D

Acq: 22 Mar 2022 02:17

Instrument :

MSVOA_Y

ClientSampleId :

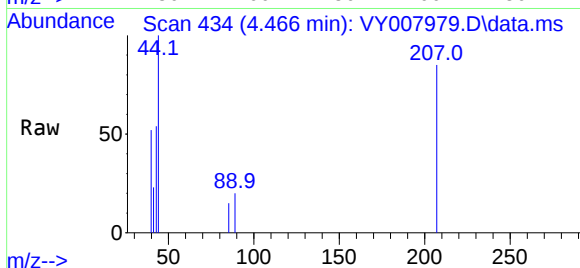
CMP-B1-031822-0-2-BD

Tgt Ion: 43 Resp: 405

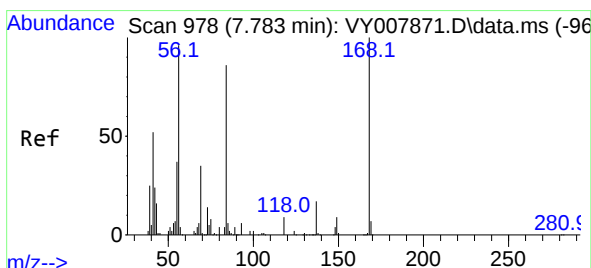
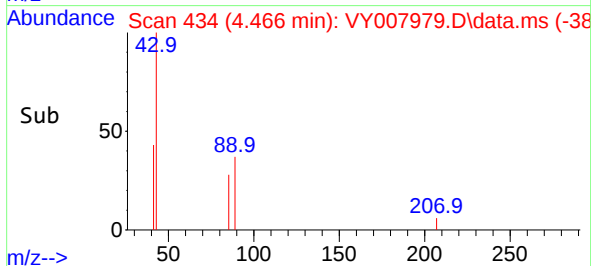
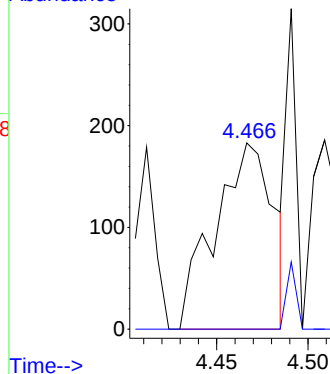
Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



Abundance



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007979.D

Acq: 22 Mar 2022 02:17

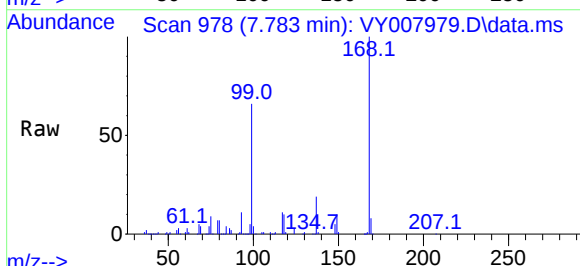
Tgt Ion: 56 Resp: 5578

Ion Ratio Lower Upper

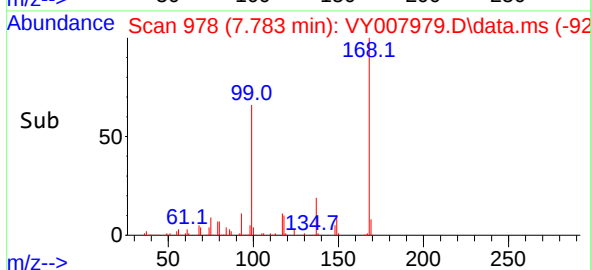
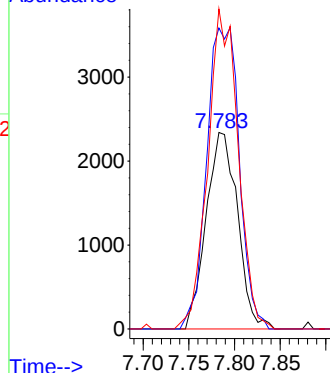
56 100

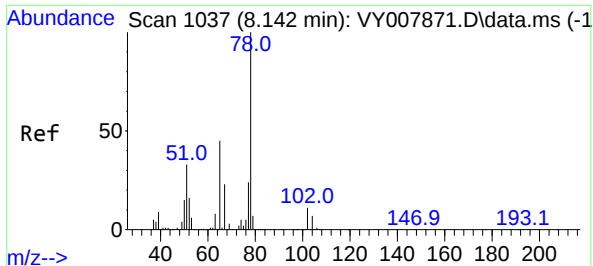
69 153.1 26.7 40.1#

84 162.8 67.2 100.8#



Abundance

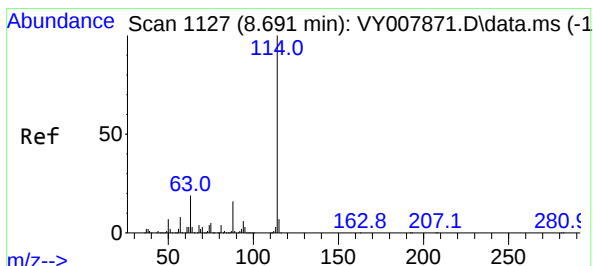
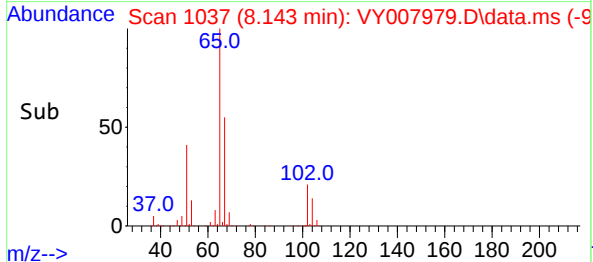
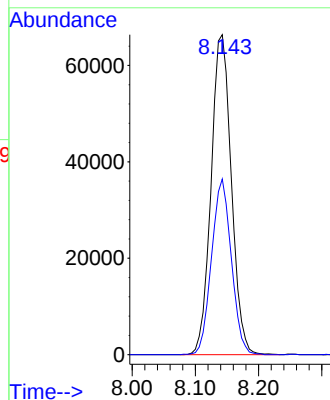
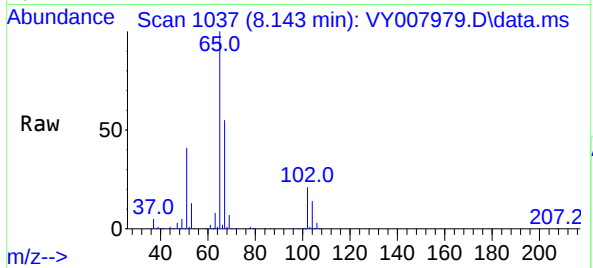




#33
1,2-Dichloroethane-d4
Concen: 58.194 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

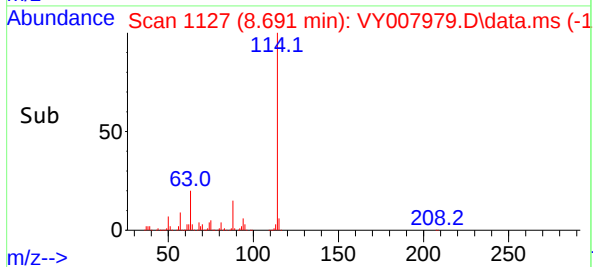
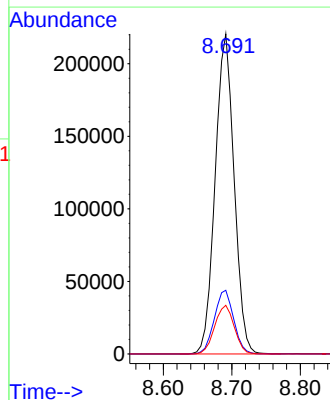
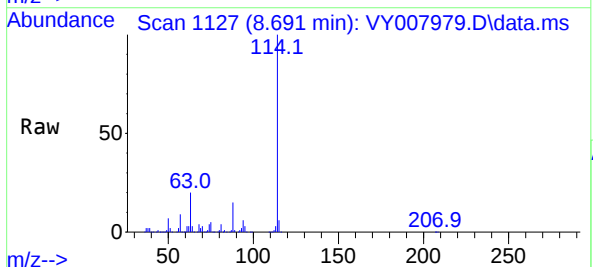
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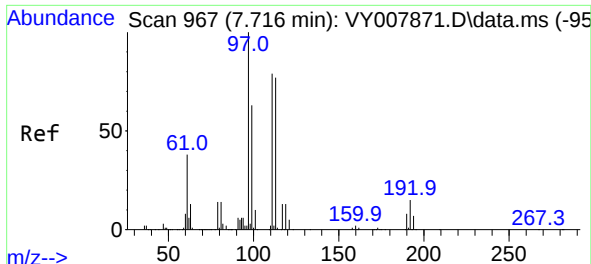
Tgt Ion: 65 Resp: 147948
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 114 Resp: 422470
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 15.2 0.0 31.8

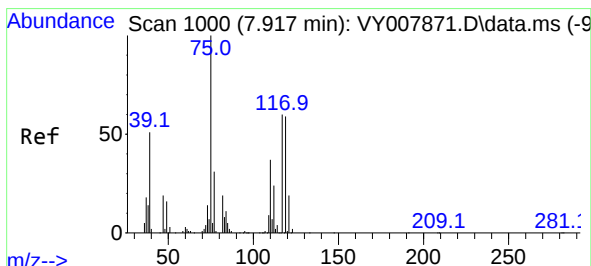
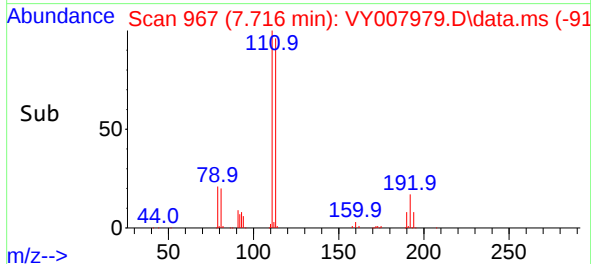
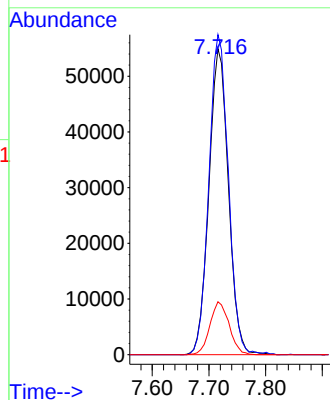
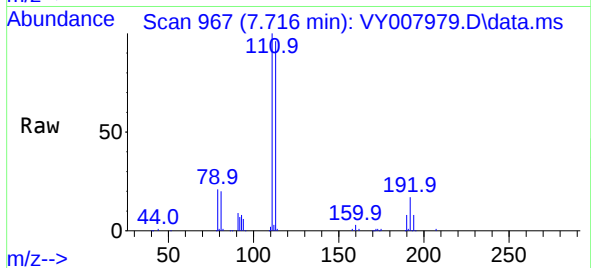




#35
Dibromofluoromethane
Concen: 44.280 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

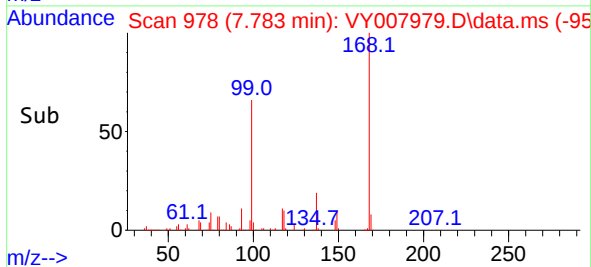
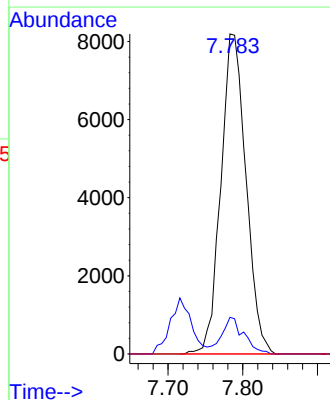
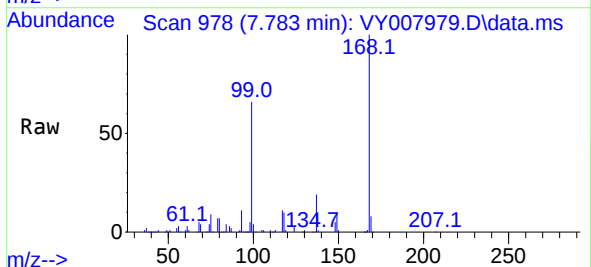
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

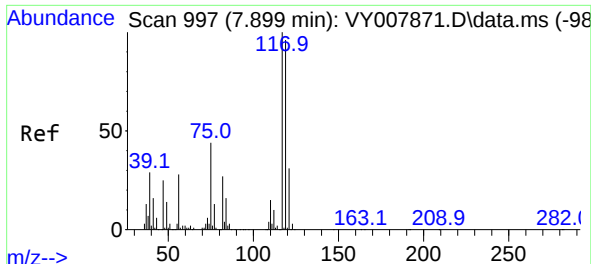
Tgt Ion:113 Resp: 131378
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 75 Resp: 19149
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

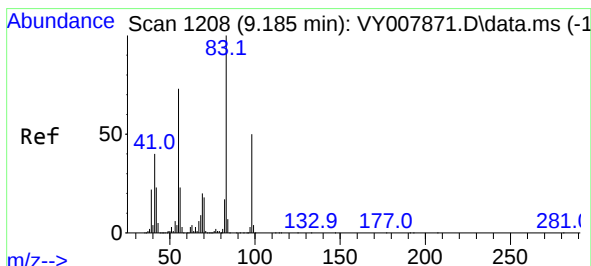
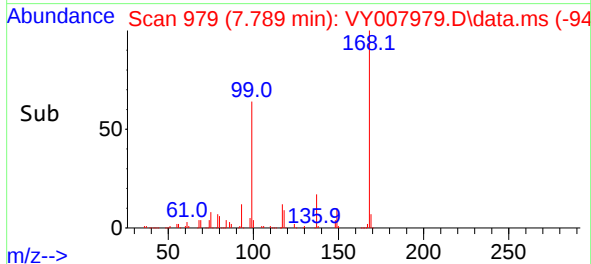
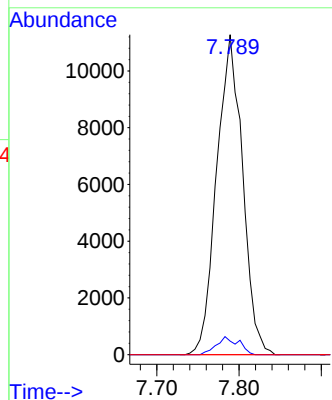
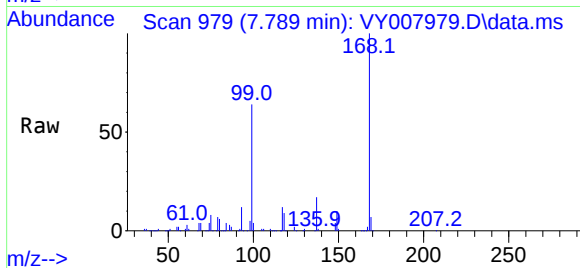




#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

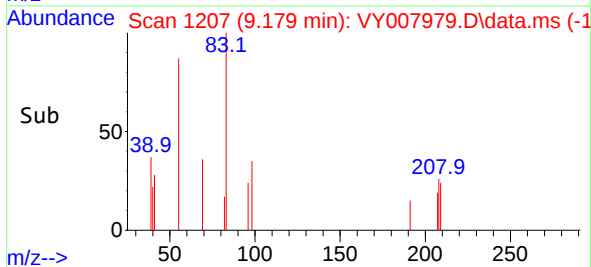
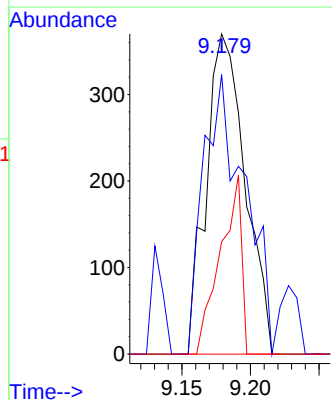
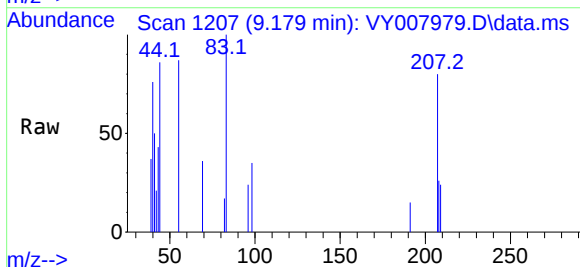
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

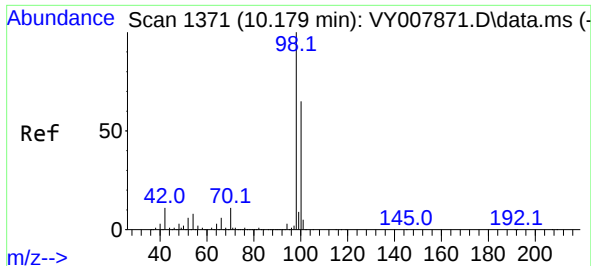
Tgt Ion:117 Resp: 24604
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 83 Resp: 731
Ion Ratio Lower Upper
83 100
55 87.3 66.5 99.7
98 35.1 37.9 56.9#

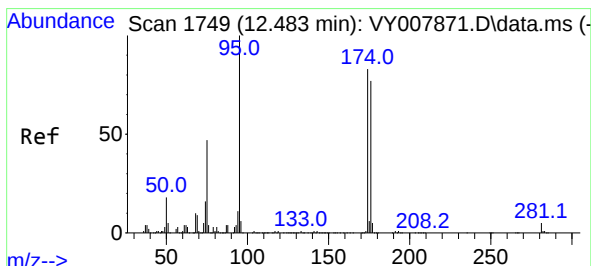
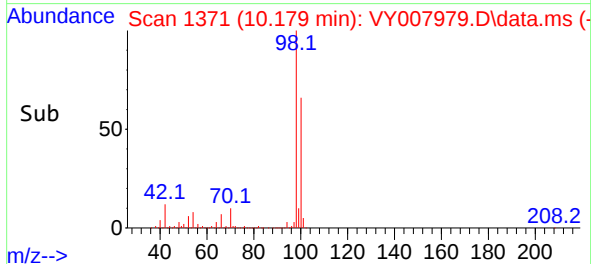
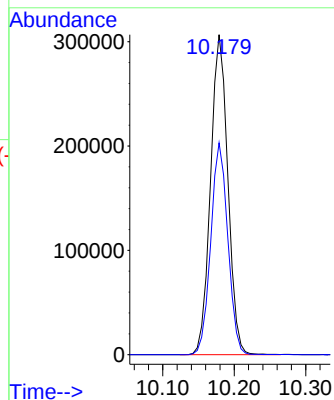
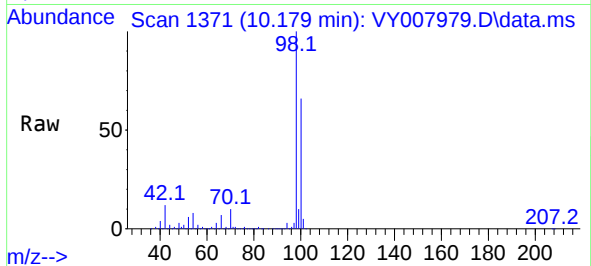




#50
Toluene-d8
Concen: 58.382 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

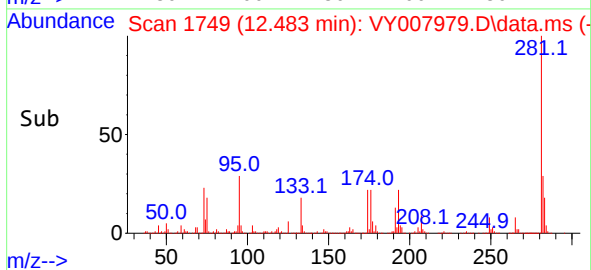
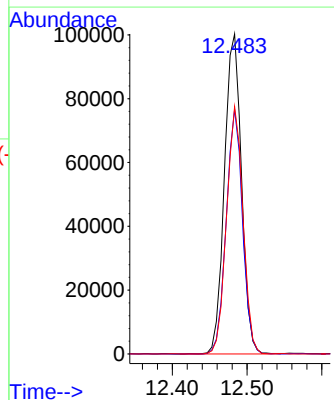
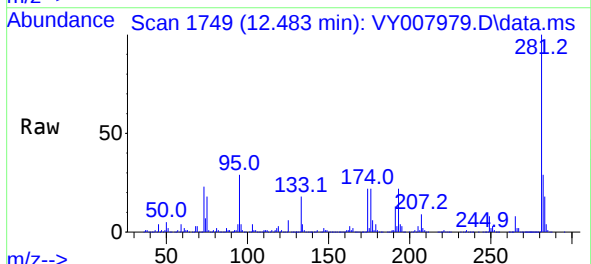
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

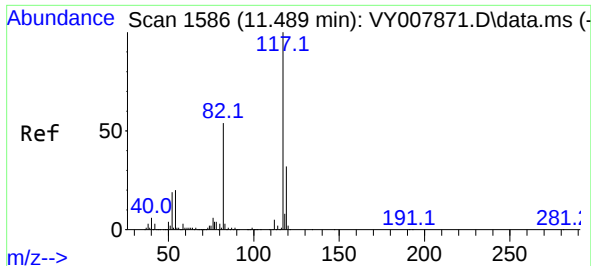
Tgt Ion: 98 Resp: 514208
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 95 Resp: 159108
Ion Ratio Lower Upper
95 100
174 73.0 0.0 177.0
176 74.7 0.0 175.8

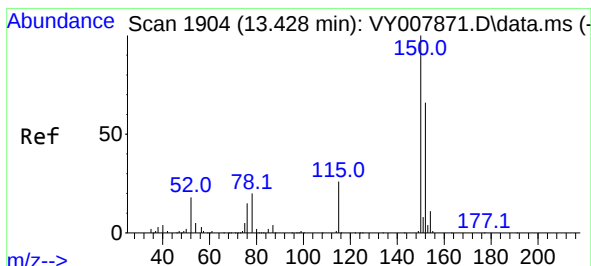
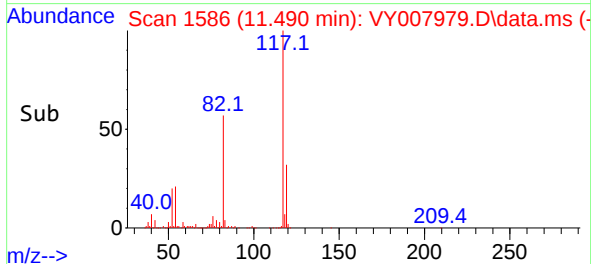
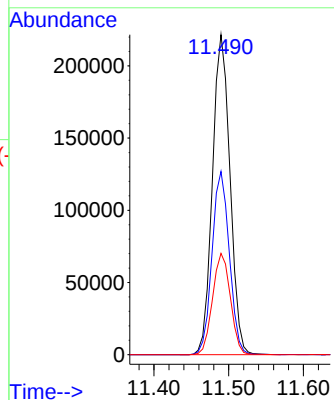
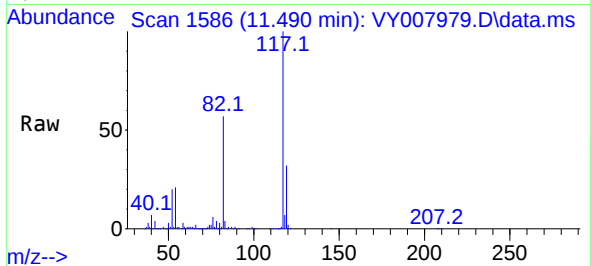




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

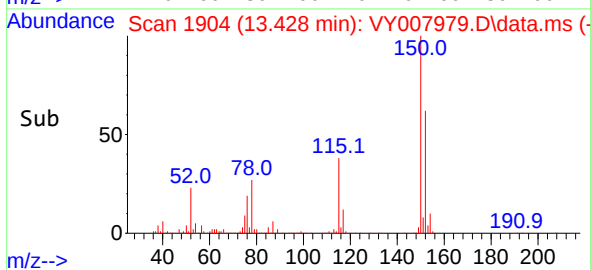
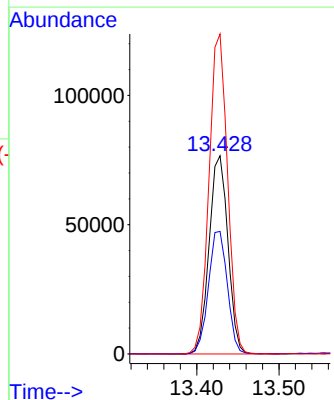
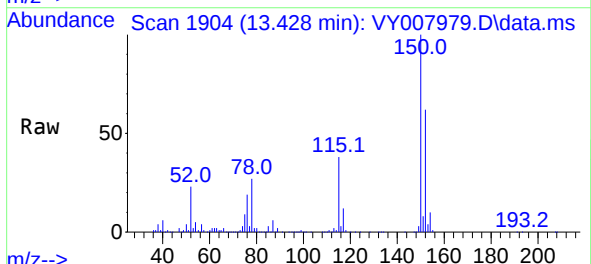
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

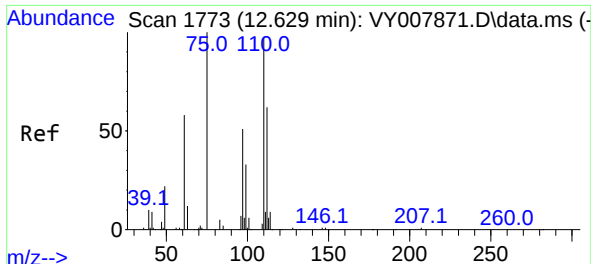
Tgt Ion:117	Resp:	361740	
Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.0	64.4
119	31.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion:152	Resp:	121689	
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	158.8	0.0	347.6

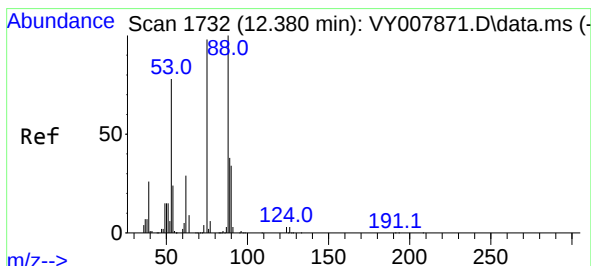
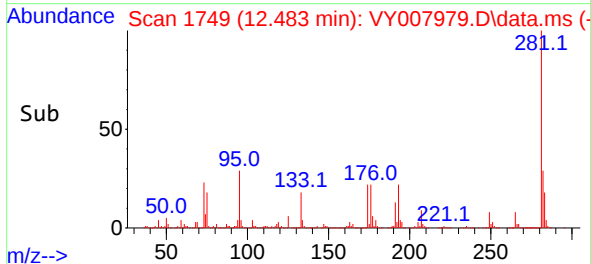
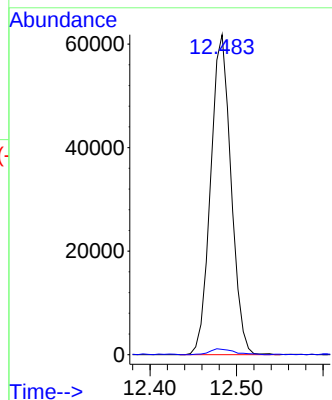
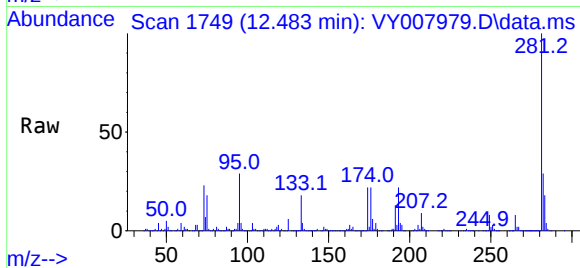




#76
1,2,3-Trichloropropane
Concen: 58.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-0-2-BD

Tgt Ion: 75 Resp: 101079
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.404 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007979.D
Acq: 22 Mar 2022 02:17

Tgt Ion: 75 Resp: 101079
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 6.0 37.0 55.4#

