

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008004.D
 Acq On : 22 Mar 2022 16:42
 Operator : SY/MD
 Sample : N2031-11
 Misc : 8.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B2-031822-0-2

Quant Time: Mar 23 05:08:37 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)

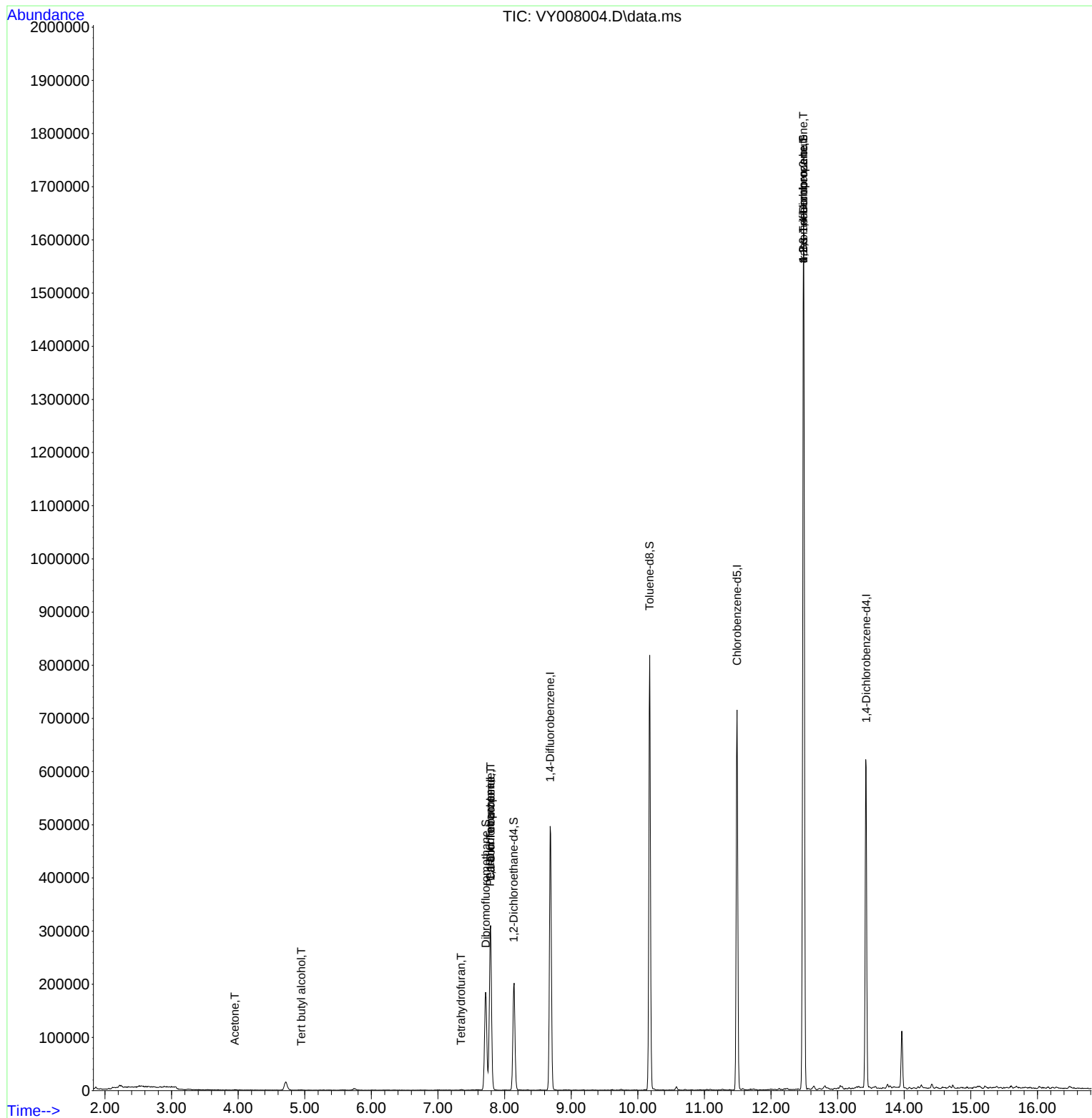
Internal Standards						
1) Pentafluorobenzene	7.783	168	224479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	379774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150284	58.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.440%
35) Dibromofluoromethane	7.716	113	131098	44.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.200%
50) Toluene-d8	10.179	98	519238	58.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.800%
62) 4-Bromofluorobenzene	12.483	95	175612	41.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53	Below Cal	#	43
3) Chloromethane	2.113	50	694	Below Cal	#	88
4) Vinyl Chloride	2.265	62	185	Below Cal	#	43
5) Bromomethane	2.662	94	405	Below Cal		95
11) Tert butyl alcohol	4.948	59	510	1.710 ug/l	#	77
16) Acetone	3.948	43	1444	2.127 ug/l		98
17) Carbon Disulfide	4.186	76	289	Below Cal	#	75
18) Methyl Acetate	4.478	43	588	Below Cal	#	63
20) Methylene Chloride	4.716	84	11635	Below Cal	#	83
29) Tetrahydrofuran	7.344	42	715	1.026 ug/l	#	61
31) Cyclohexane	7.783	56	5633	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	20262	4.596 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	24780	5.260 ug/l	#	14
39) Methylcyclohexane	9.166	83	325	Below Cal	#	70
76) 1,2,3-Trichloropropane	12.483	75	106742	50.568 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106742	106.213 ug/l	#	9

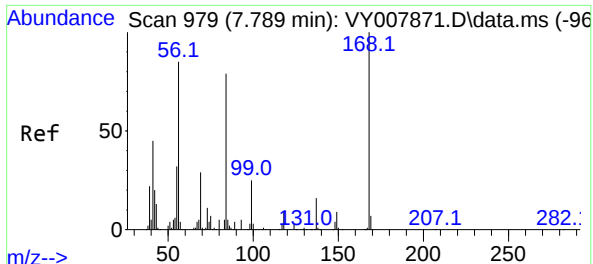
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008004.D
Acq On : 22 Mar 2022 16:42
Operator : SY/MD
Sample : N2031-11
Misc : 8.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

Quant Time: Mar 23 05:08:37 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

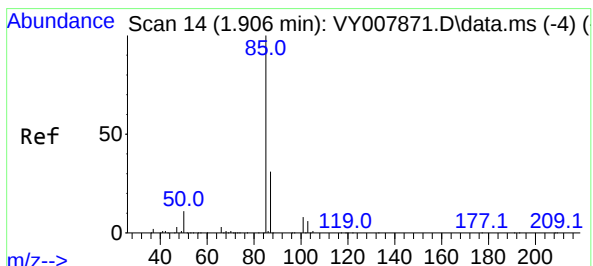
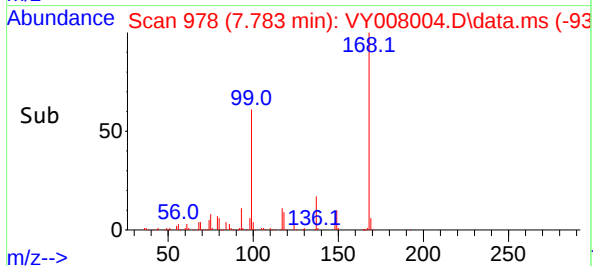
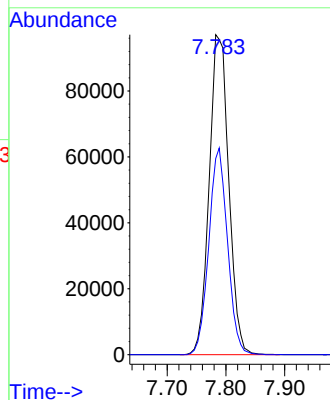
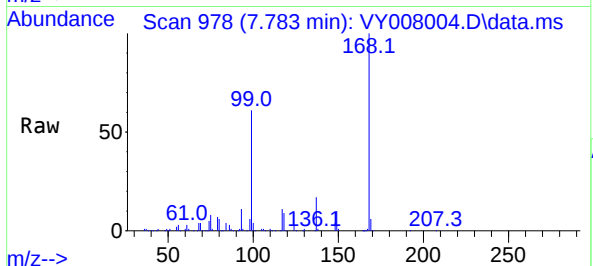




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

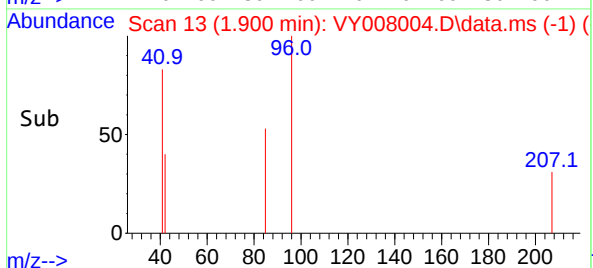
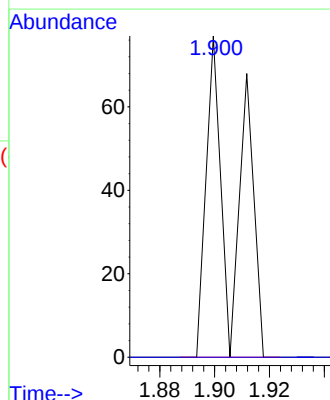
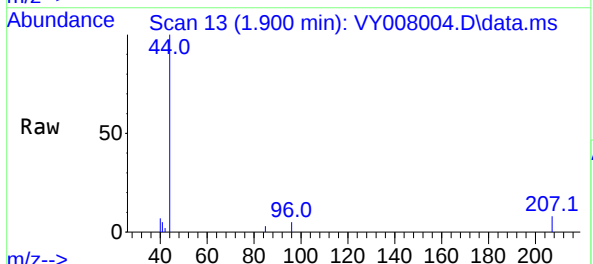
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

Tgt Ion:168 Resp: 224479
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3

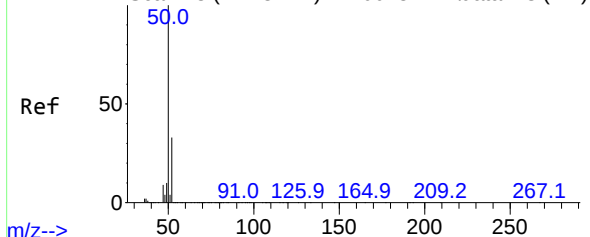


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007871.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B2-031822-0-2

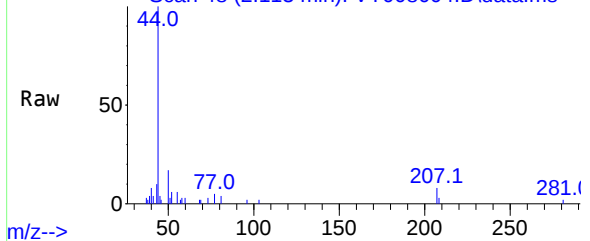
Tgt Ion: 50 Resp: 694

Ion Ratio Lower Upper

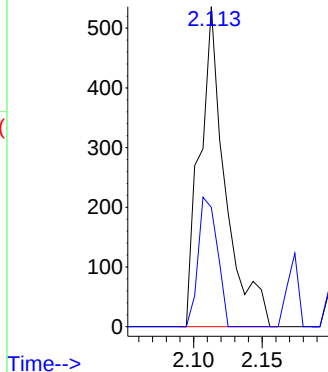
50 100

52 37.3 24.6 37.0#

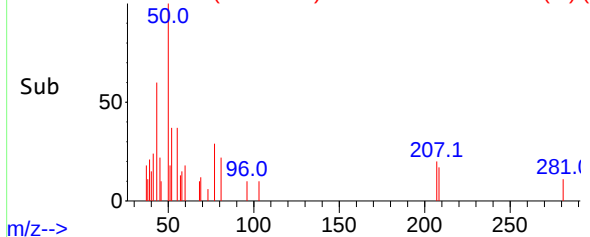
Abundance Scan 48 (2.113 min): VY008004.D\data.ms



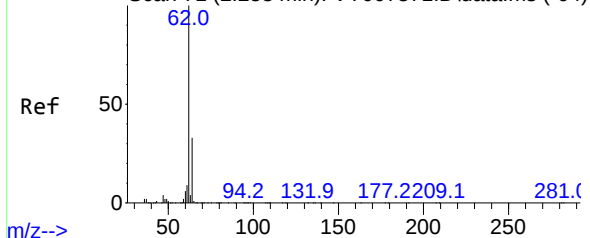
Abundance



Abundance Scan 48 (2.113 min): VY008004.D\data.ms (-1)



Abundance Scan 71 (2.253 min): VY007871.D\data.ms (-64)



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.265 min Scan# 73

Delta R.T. 0.012 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

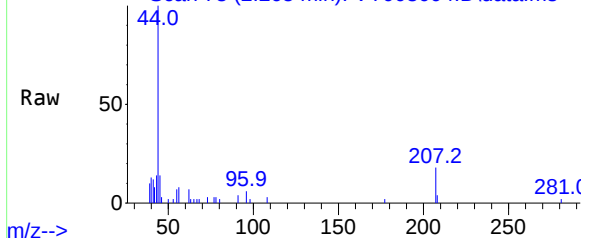
Tgt Ion: 62 Resp: 185

Ion Ratio Lower Upper

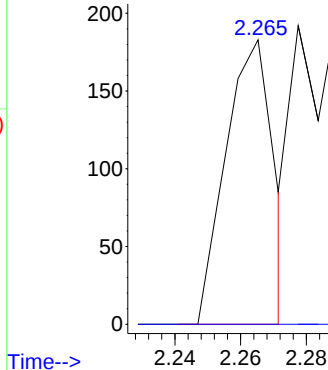
62 100

64 0.0 25.0 37.6#

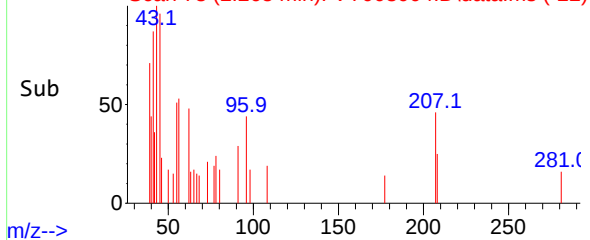
Abundance Scan 73 (2.265 min): VY008004.D\data.ms

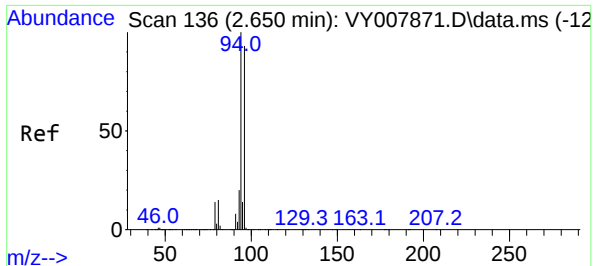


Abundance



Abundance Scan 73 (2.265 min): VY008004.D\data.ms (-22)

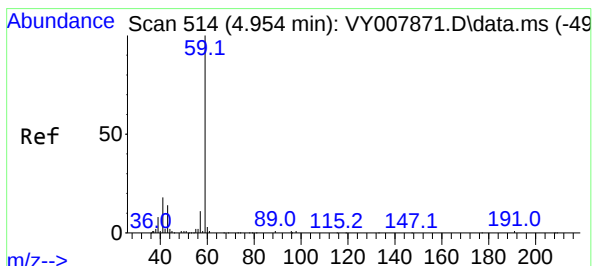
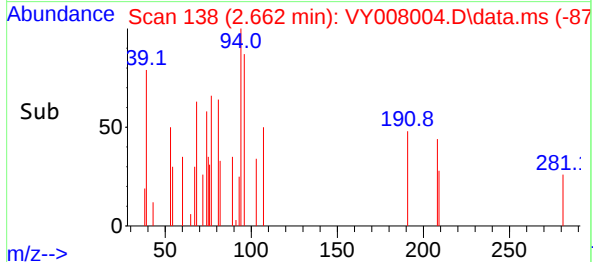
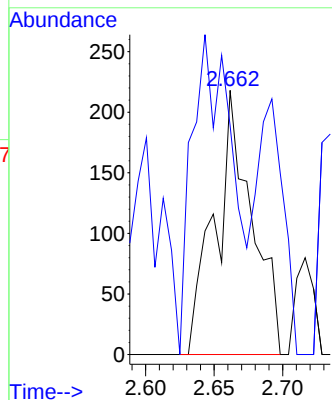
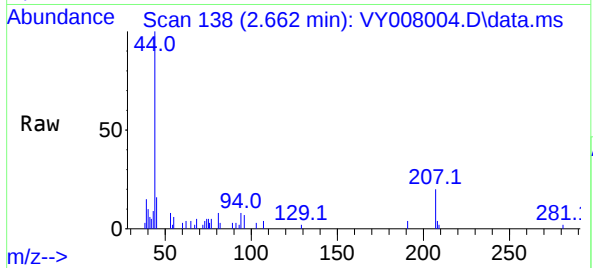




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

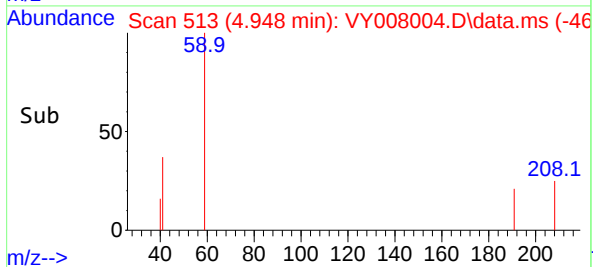
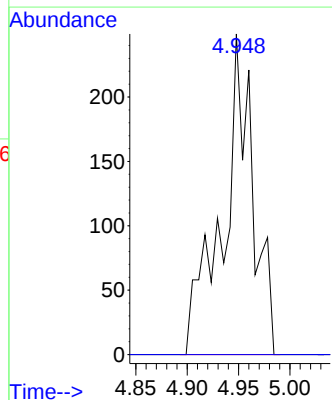
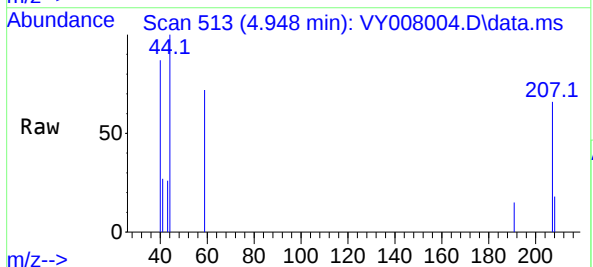
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

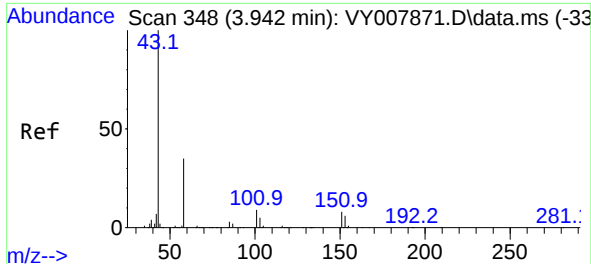
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 86.7 73.5 110.3



#11
Tert butyl alcohol
Concen: 1.710 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.127 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

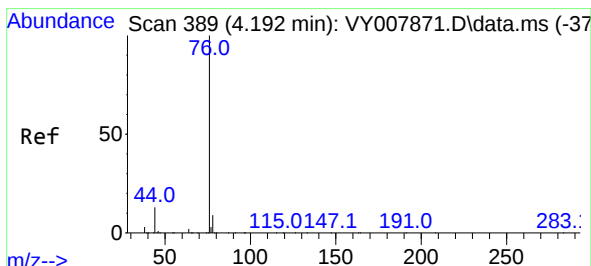
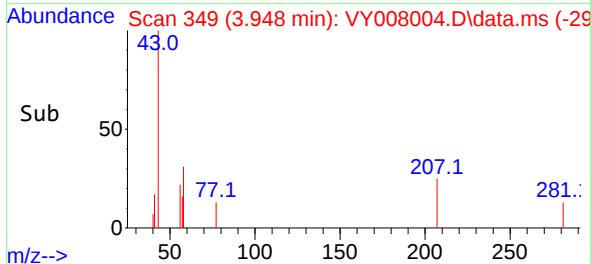
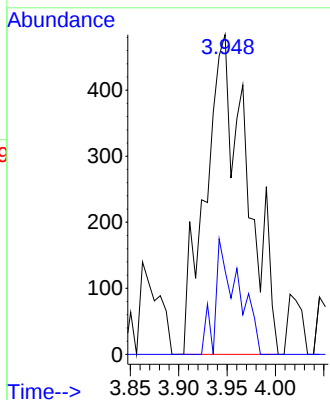
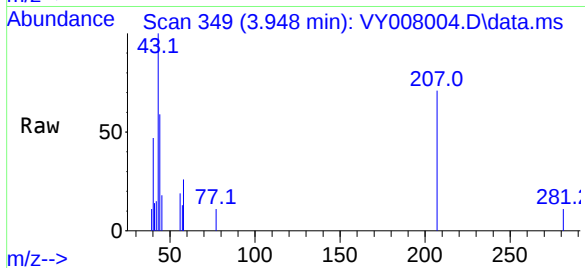
CMP-B2-031822-0-2

Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 26.2 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY008004.D

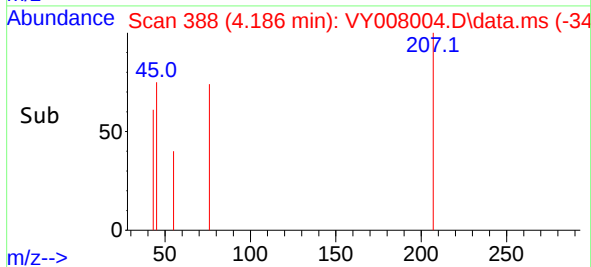
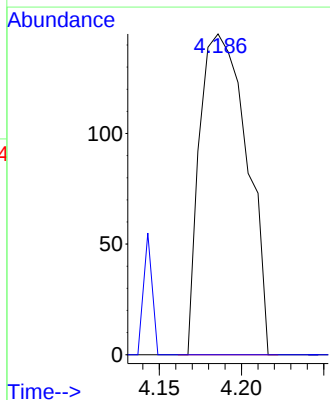
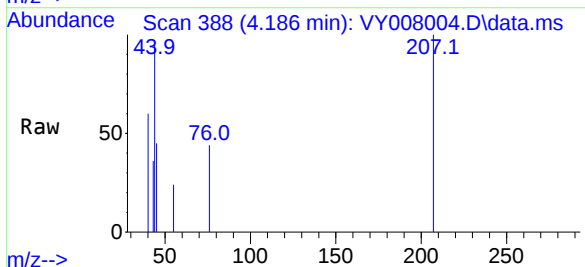
Acq: 22 Mar 2022 16:42

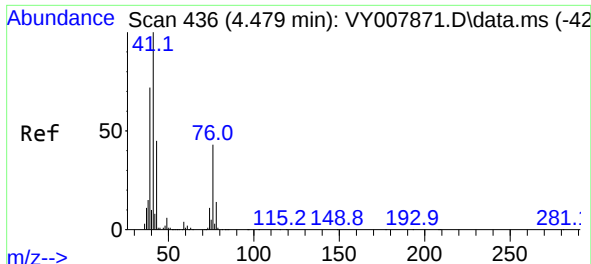
Tgt Ion: 76 Resp: 289

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

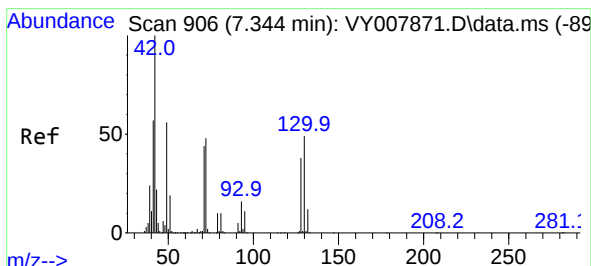
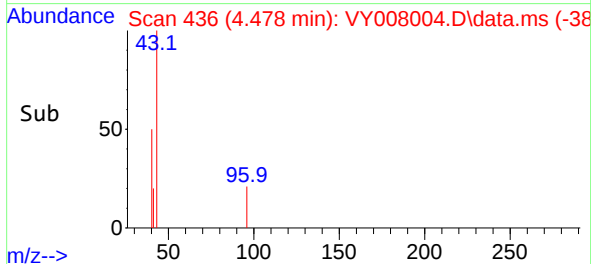
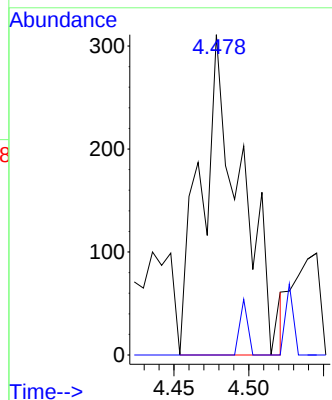
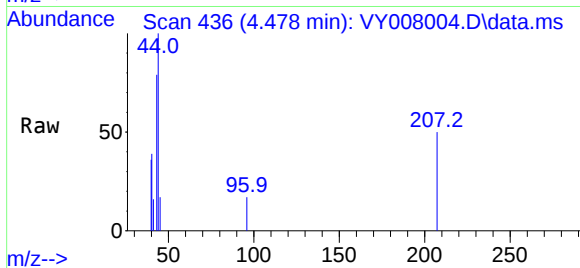




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

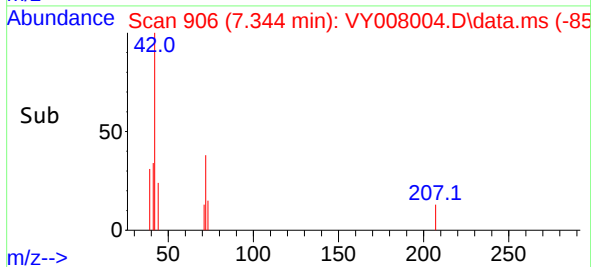
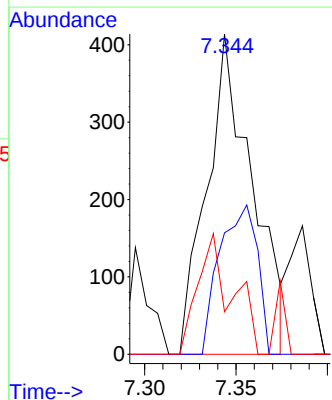
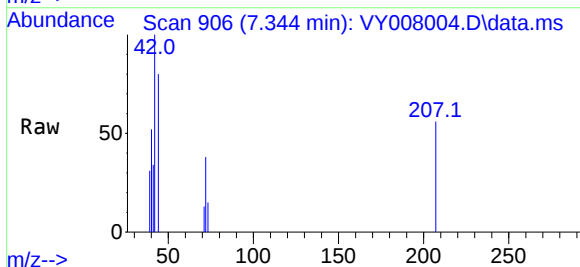
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

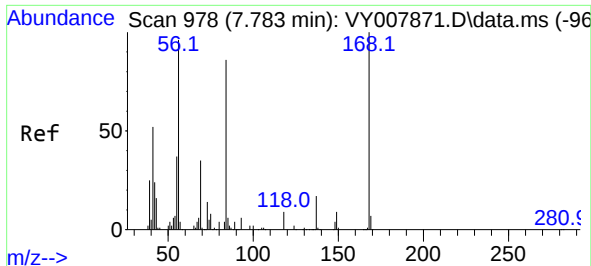
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 3.4 16.6 24.8#



#29
Tetrahydrofuran
Concen: 1.026 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

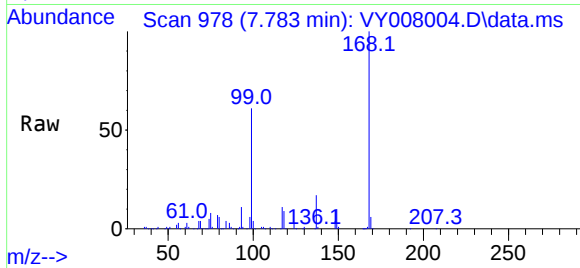
Tgt Ion: 42 Resp: 715
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 28.4 29.0 43.4#



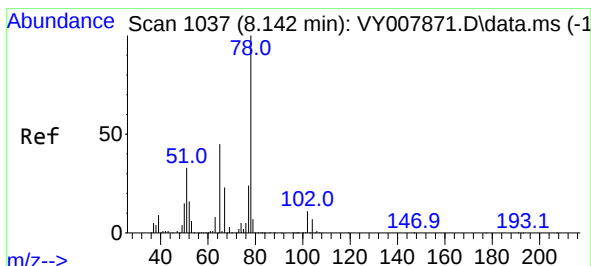
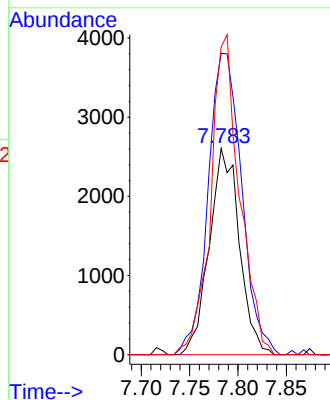
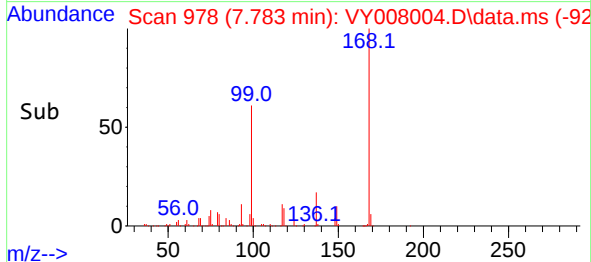


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

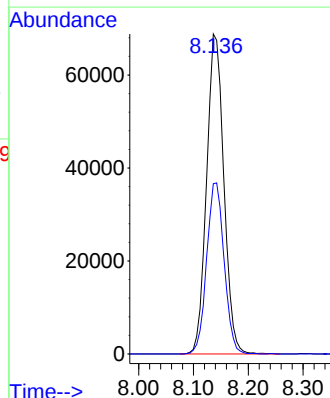
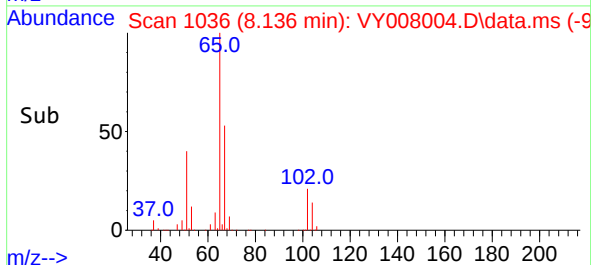
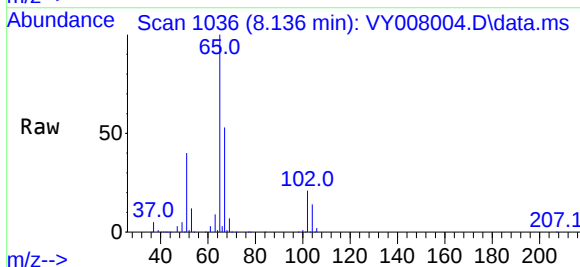


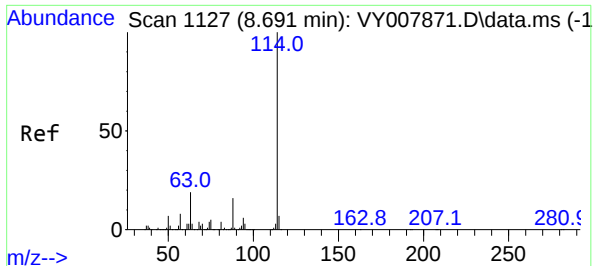
Tgt Ion: 56 Resp: 5633
Ion Ratio Lower Upper
56 100
69 146.0 26.7 40.1#
84 149.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.717 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

Tgt Ion: 65 Resp: 150284
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B2-031822-0-2

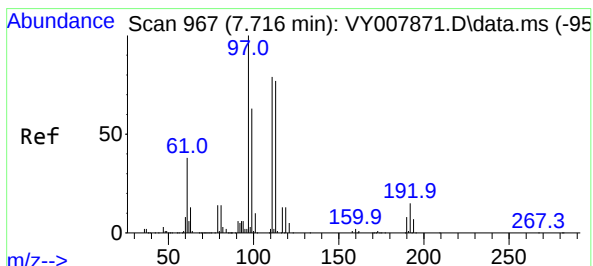
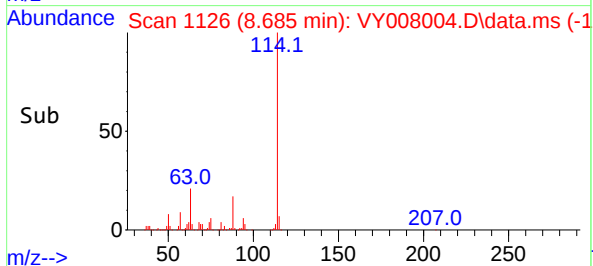
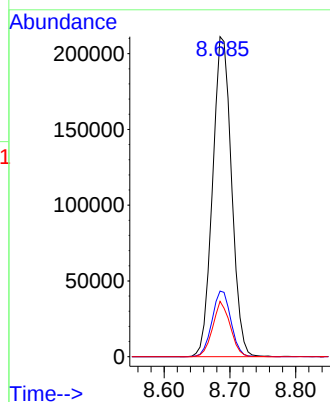
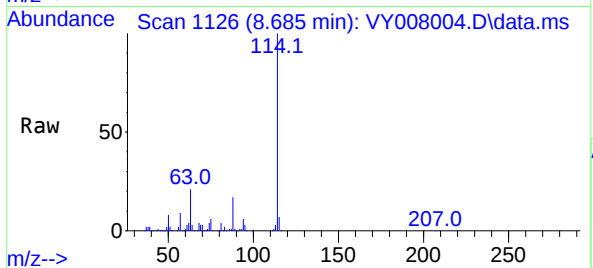
Tgt Ion:114 Resp: 423247

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 17.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.105 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

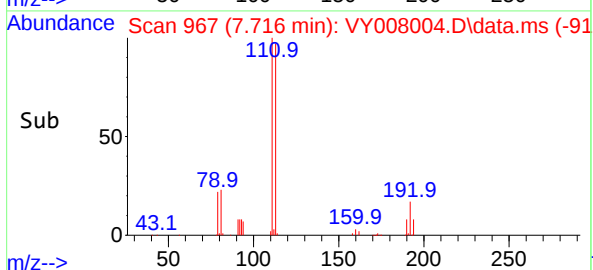
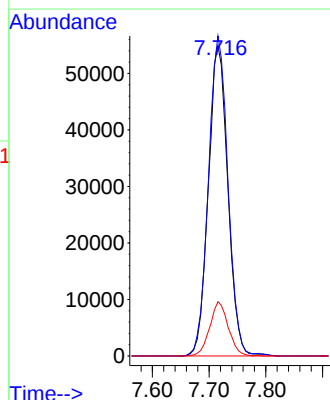
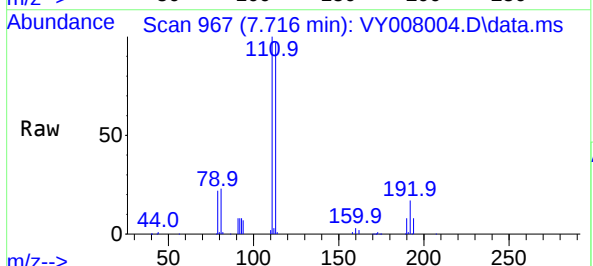
Tgt Ion:113 Resp: 131098

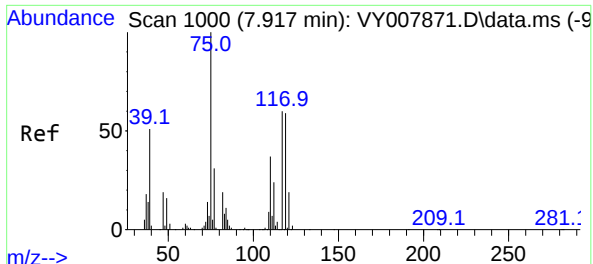
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 16.6 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.596 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B2-031822-0-2

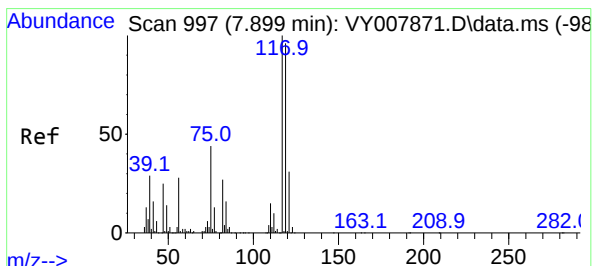
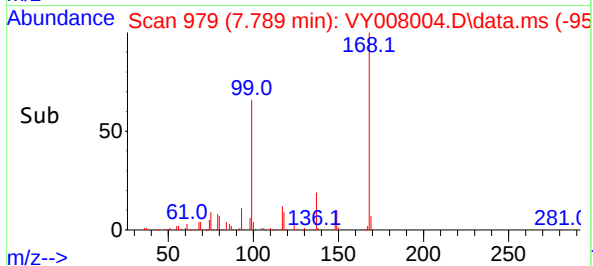
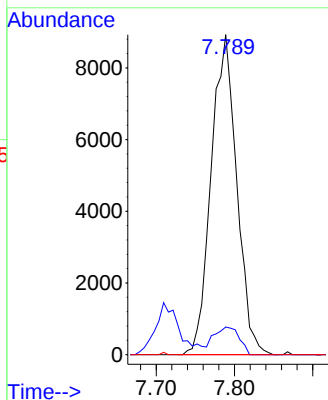
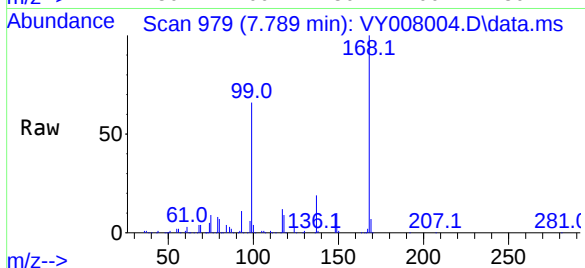
Tgt Ion: 75 Resp: 20262

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.260 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

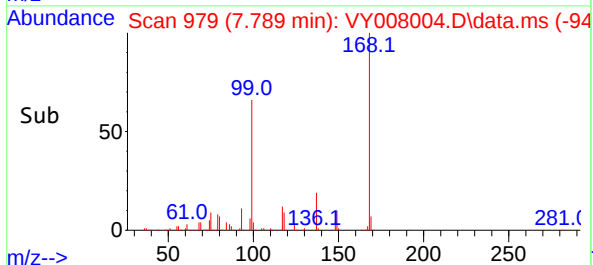
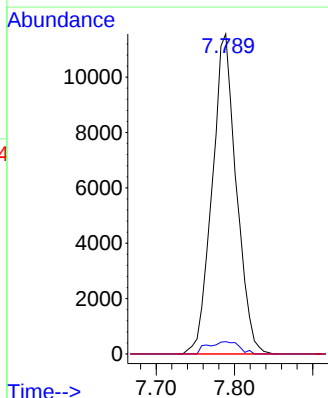
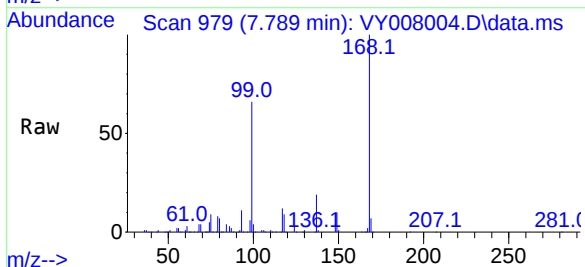
Tgt Ion: 117 Resp: 24780

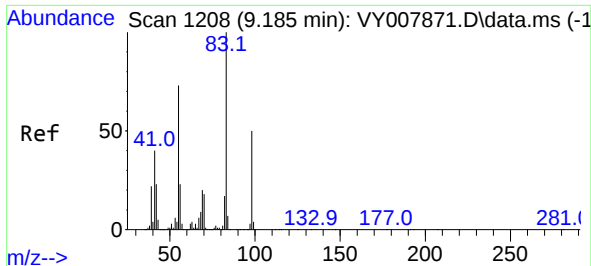
Ion Ratio Lower Upper

117 100

119 3.8 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.166 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY008004.D

Acq: 22 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B2-031822-0-2

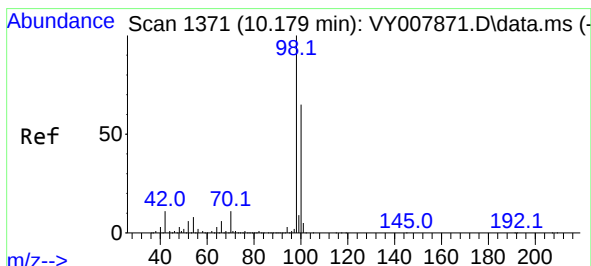
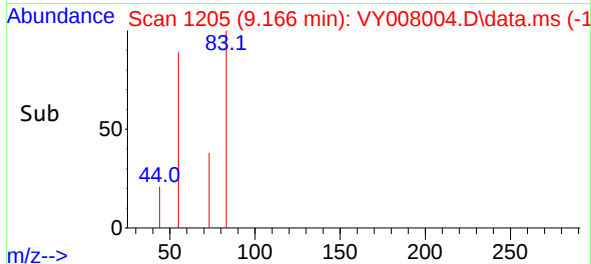
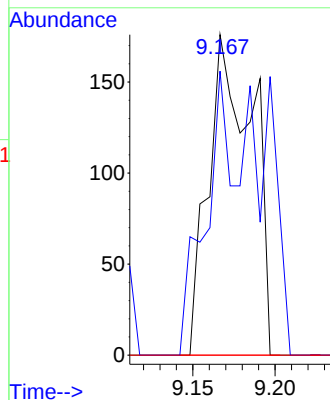
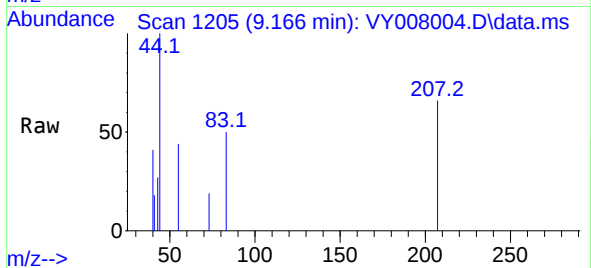
Tgt Ion: 83 Resp: 325

Ion Ratio Lower Upper

83 100

55 88.6 66.5 99.7

98 0.0 37.9 56.9#



#50

Toluene-d8

Concen: 58.896 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008004.D

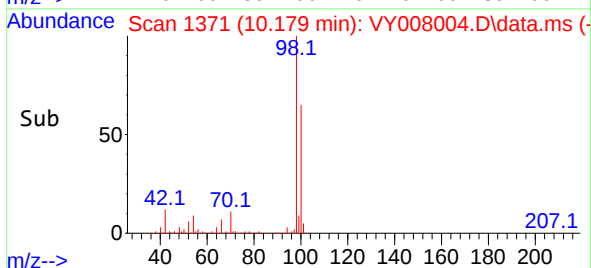
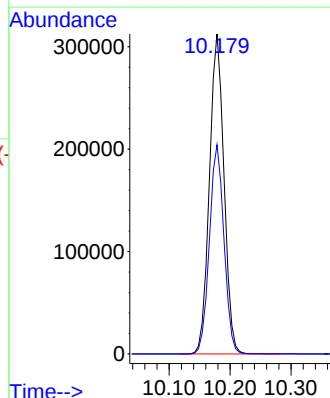
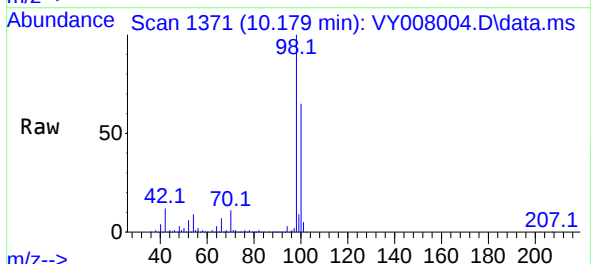
Acq: 22 Mar 2022 16:42

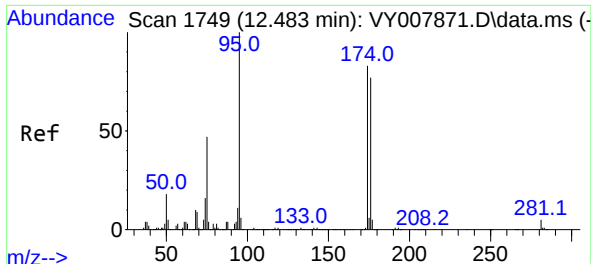
Tgt Ion: 98 Resp: 519238

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

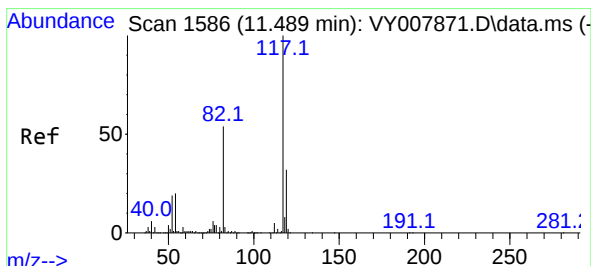
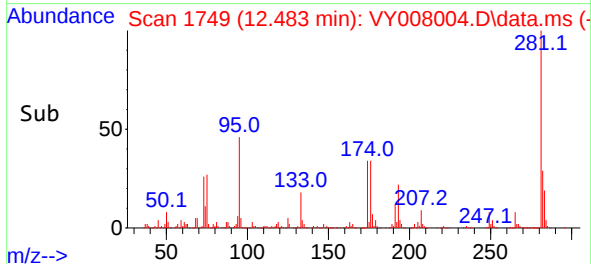
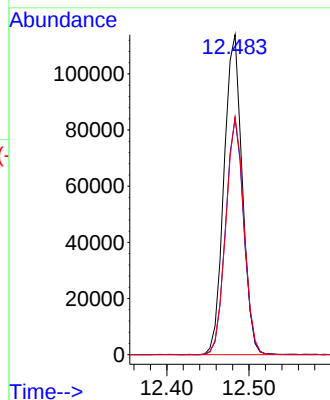
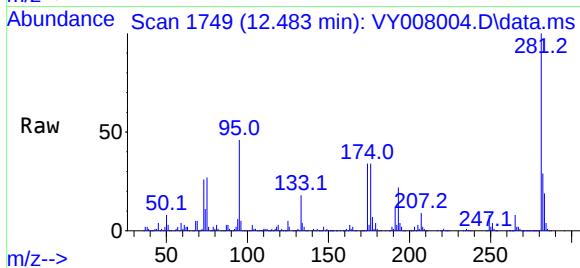




#62
4-Bromofluorobenzene
Concen: 41.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

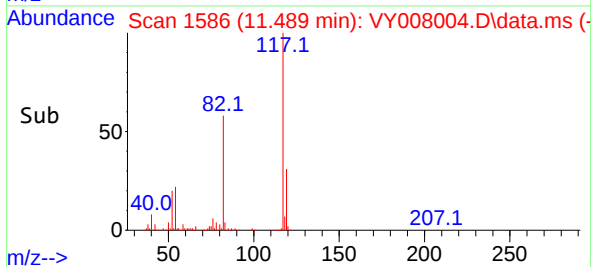
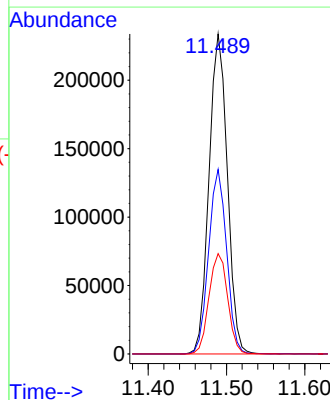
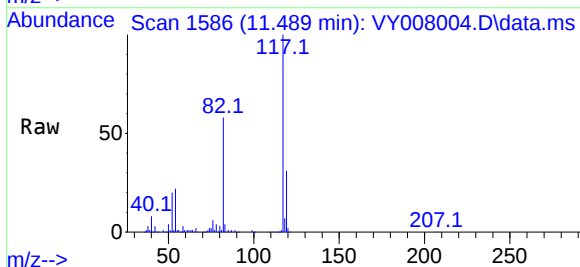
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

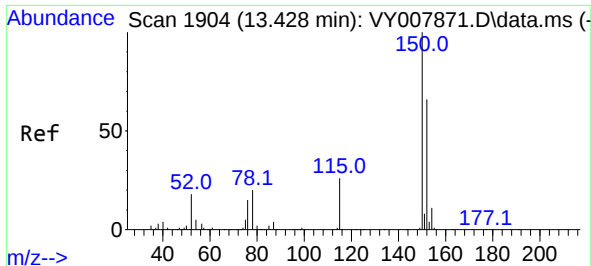
Tgt Ion: 95 Resp: 175612
Ion Ratio Lower Upper
95 100
174 73.3 0.0 177.0
176 74.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

Tgt Ion: 117 Resp: 379774
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.4 25.4 38.0

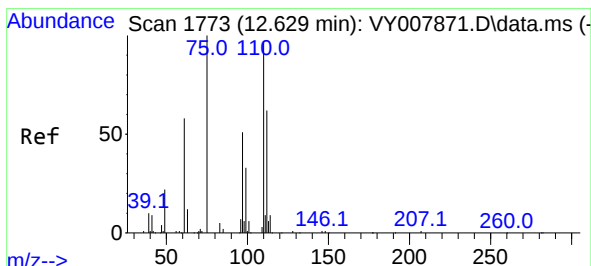
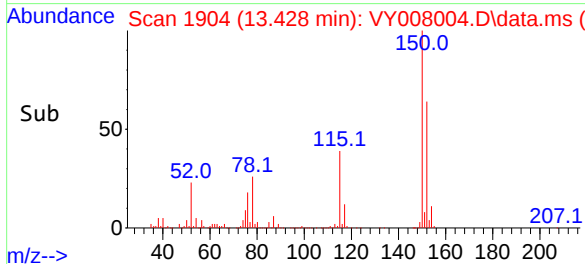
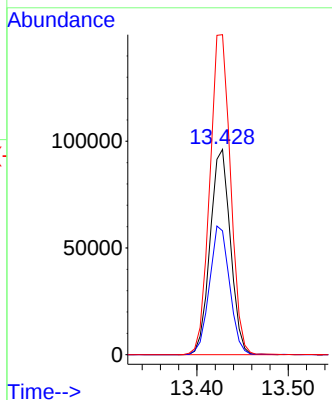
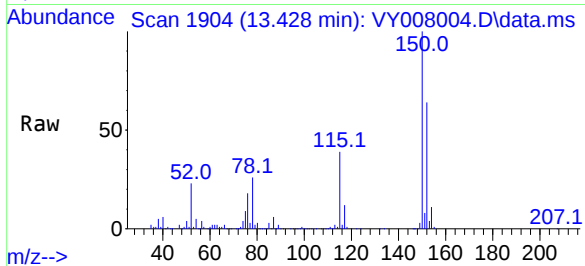




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

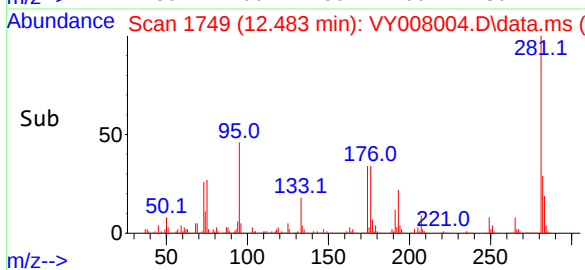
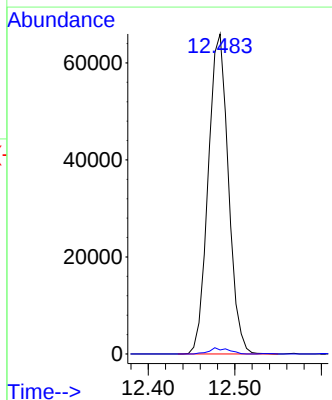
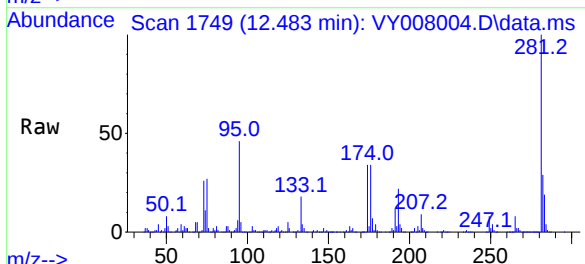
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-0-2

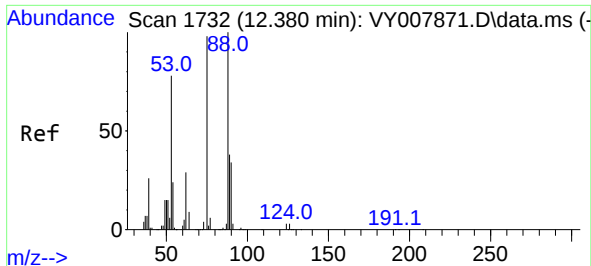
Tgt Ion:152 Resp: 148096
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 50.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY008004.D
Acq: 22 Mar 2022 16:42

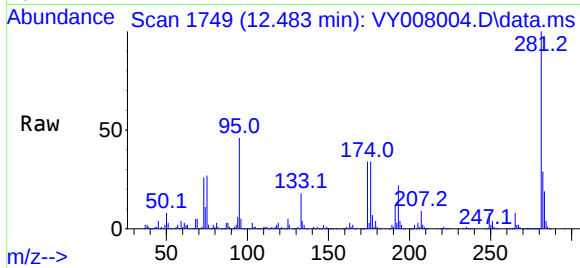
Tgt Ion: 75 Resp: 106742
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.213 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008004.D
 Acq: 22 Mar 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B2-031822-0-2



Tgt Ion: 75 Resp: 106742
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.6 37.0 55.4#

