

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007903.D
 Acq On : 18 Mar 2022 15:34
 Operator : SY/MD
 Sample : N1948-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Mar 19 01:36:39 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)

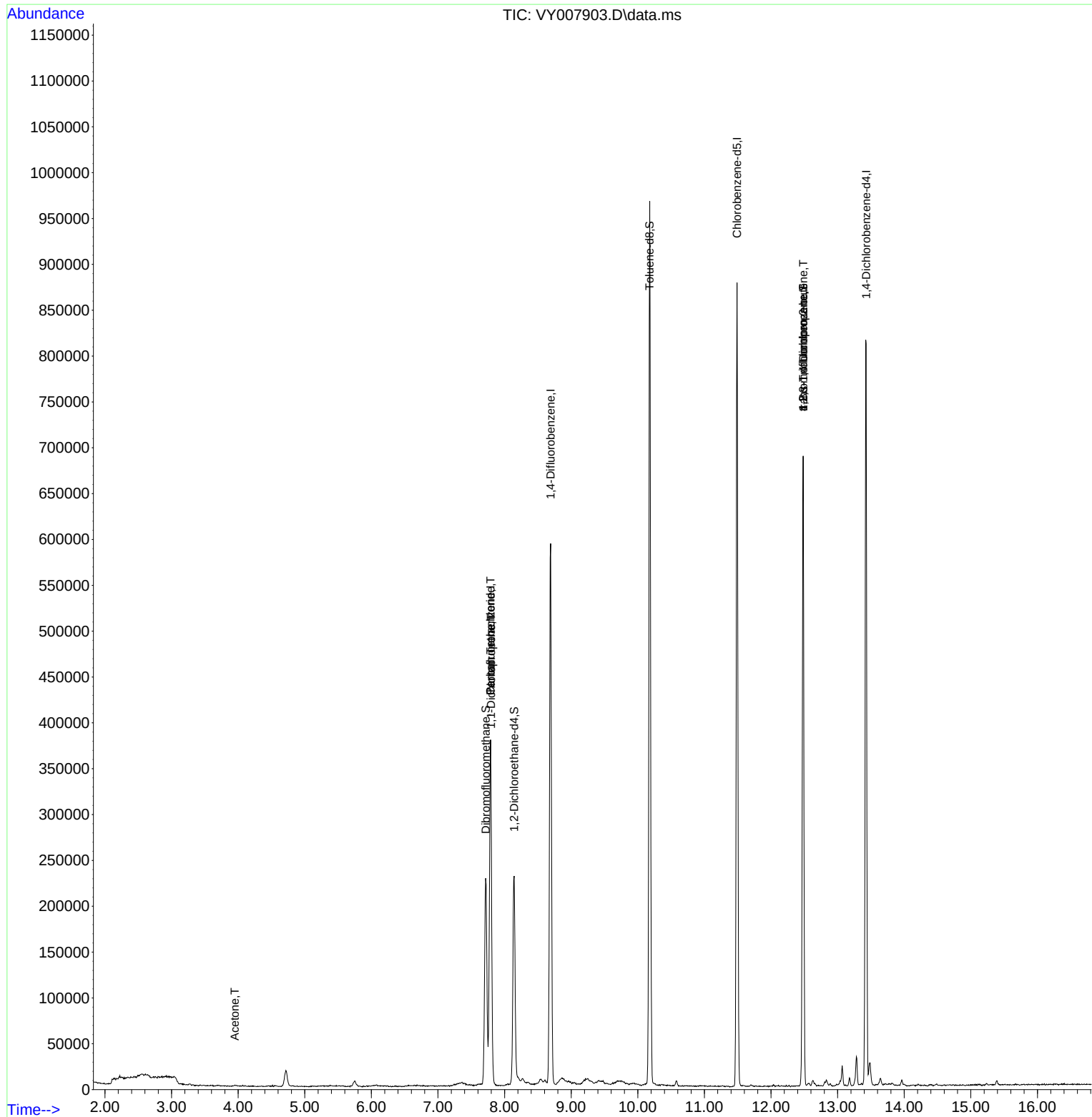
Internal Standards						
1) Pentafluorobenzene	7.789	168	286301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	520339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	174486	53.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.900%	
35) Dibromofluoromethane	7.716	113	162570	44.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.980%	
50) Toluene-d8	10.179	98	622018	57.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.440%	
62) 4-Bromofluorobenzene	12.483	95	220825	42.105	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	63	Below Cal	#	43
3) Chloromethane	2.107	50	1157	Below Cal		99
4) Vinyl Chloride	2.253	62	72	Below Cal	#	43
5) Bromomethane	2.686	94	698	Below Cal	#	34
16) Acetone	3.948	43	1334	1.540	ug/l #	67
17) Carbon Disulfide	4.192	76	96	Below Cal	#	75
18) Methyl Acetate	4.466	43	285	Below Cal		92
20) Methylene Chloride	4.710	84	13121	Below Cal	#	70
31) Cyclohexane	7.783	56	5943	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	22790	4.205	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29242	5.049	ug/l #	14
39) Methylcyclohexane	9.191	83	22	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.483	75	113204	38.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	113204	80.332	ug/l #	7

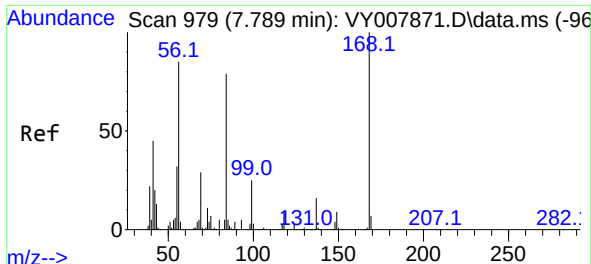
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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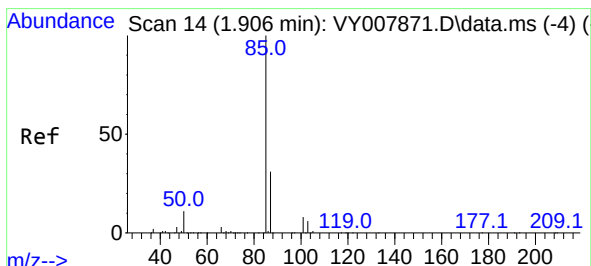
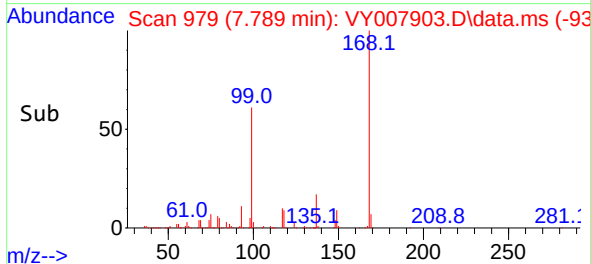
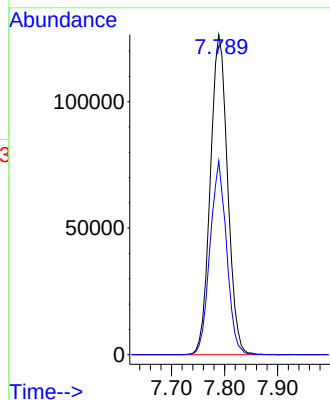
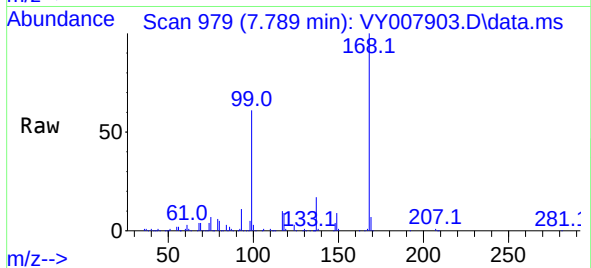




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

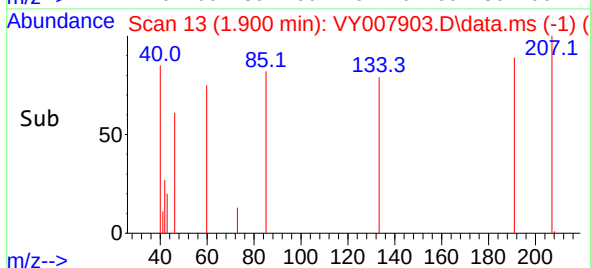
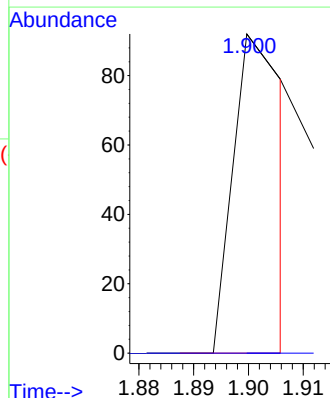
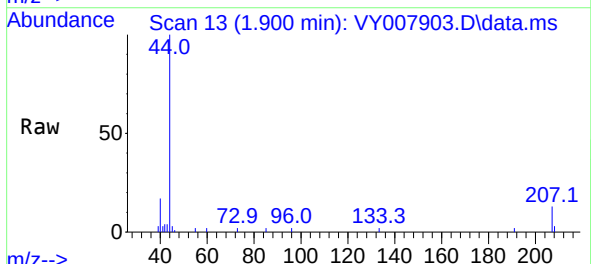
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

Tgt Ion:168 Resp: 286301
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3

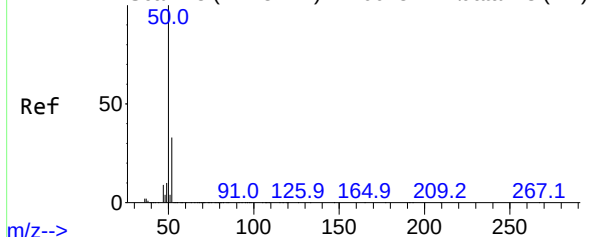


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

Tgt Ion: 85 Resp: 63
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: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

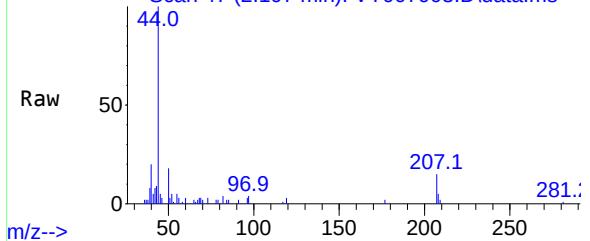
Tgt Ion: 50 Resp: 1157

Ion Ratio Lower Upper

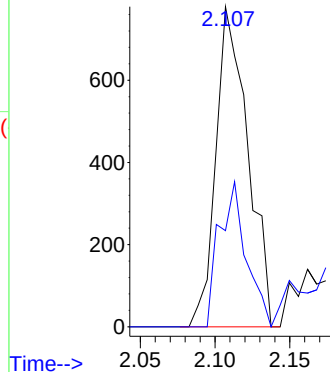
50 100

52 30.0 24.6 37.0

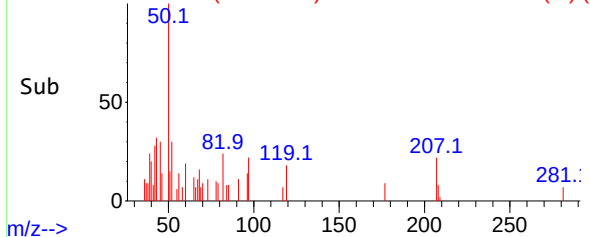
Abundance Scan 47 (2.107 min): VY007903.D\data.ms



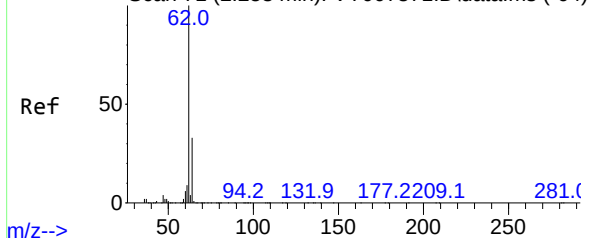
Abundance



Abundance Scan 47 (2.107 min): VY007903.D\data.ms (-1)



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



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

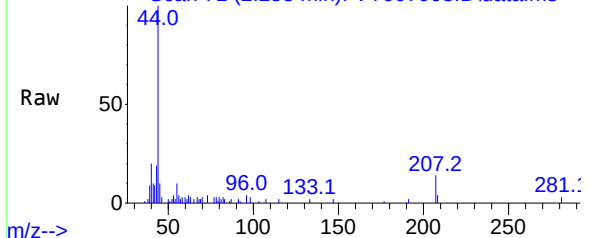
Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

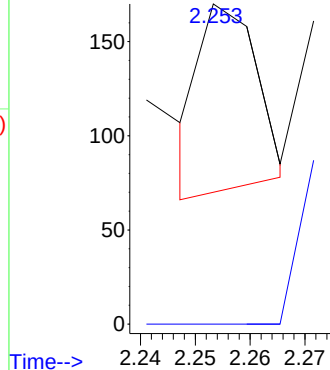
62 100

64 0.0 25.0 37.6#

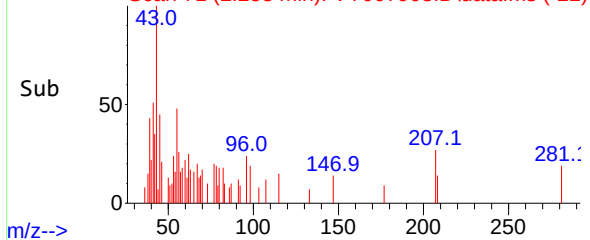
Abundance Scan 71 (2.253 min): VY007903.D\data.ms

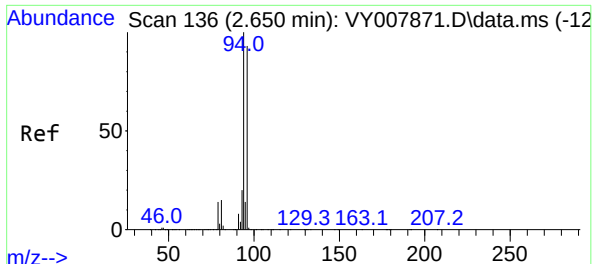


Abundance



Abundance Scan 71 (2.253 min): VY007903.D\data.ms (-22)

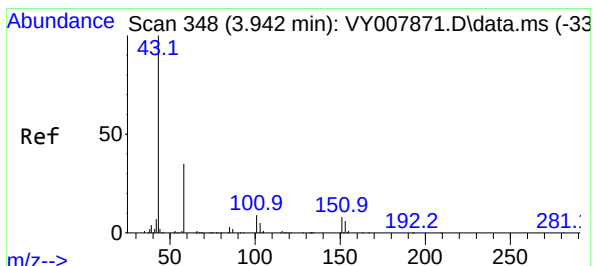
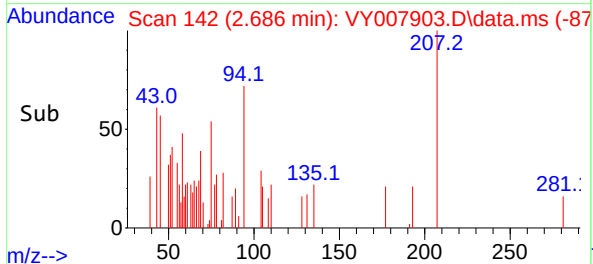
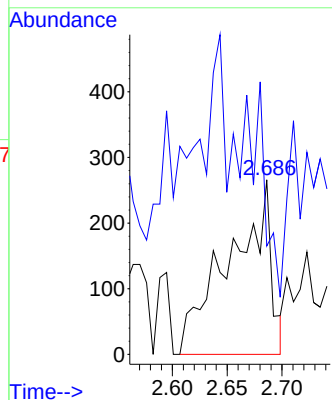
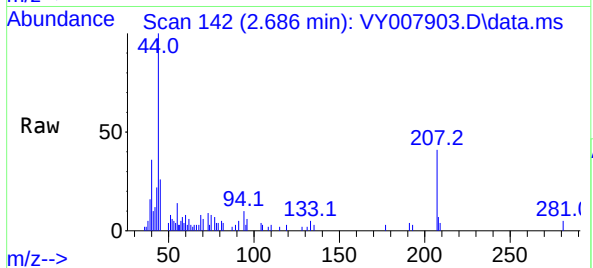




#5
Bromomethane
Concen: Below Cal
RT: 2.686 min Scan# 14
Delta R.T. 0.036 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

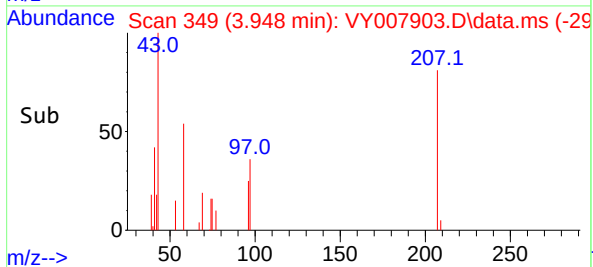
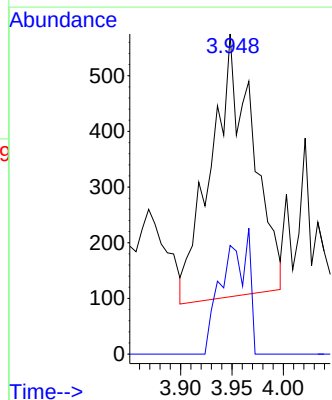
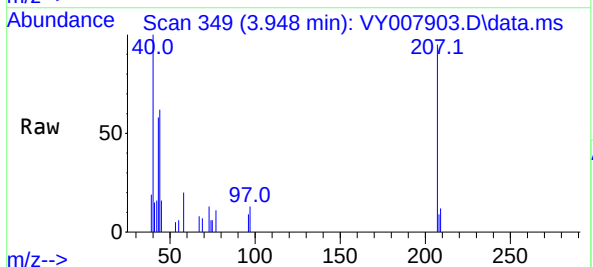
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

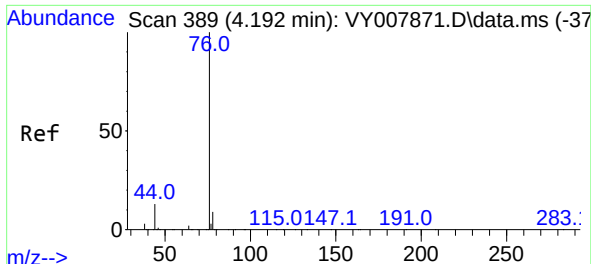
Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 29.3 73.5 110.3#



#16
Acetone
Concen: 1.540 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 44.5 22.0 33.0#

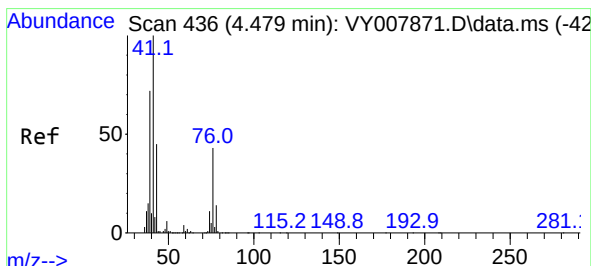
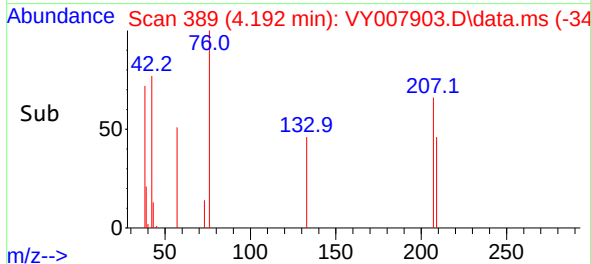
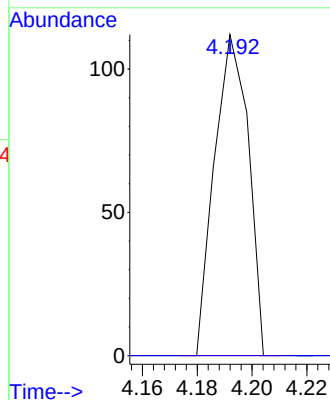
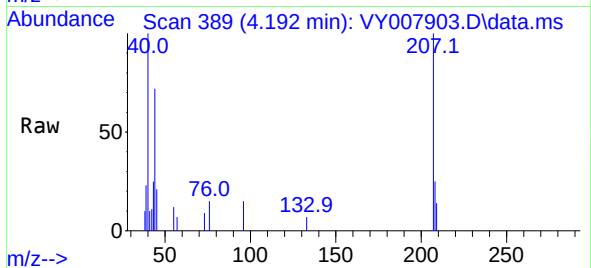




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

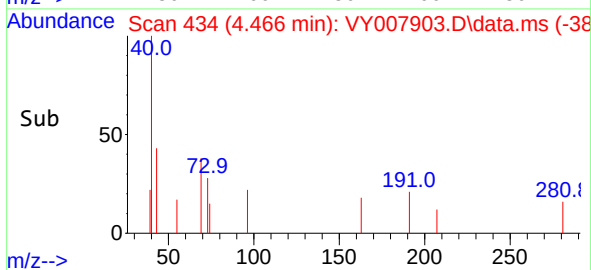
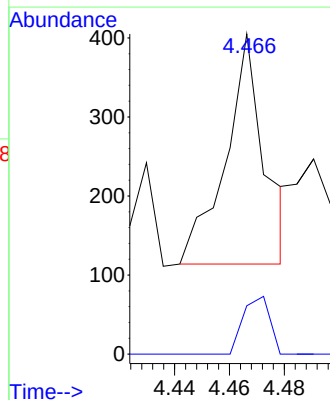
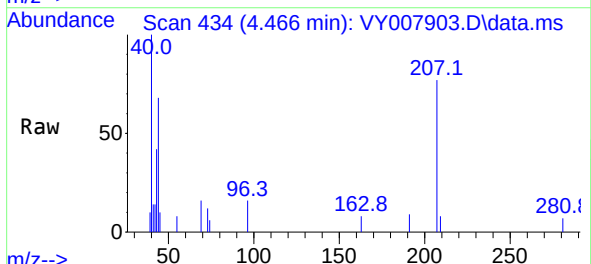
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

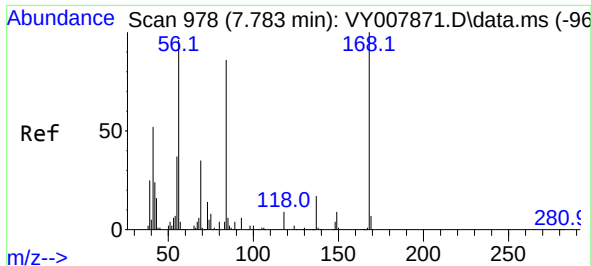
Tgt Ion: 76 Resp: 96
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

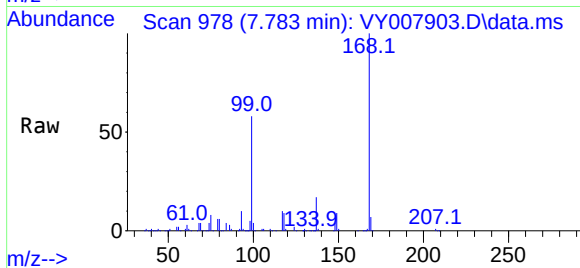
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
74 17.2 16.6 24.8



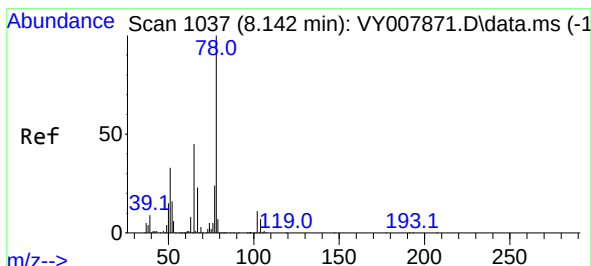
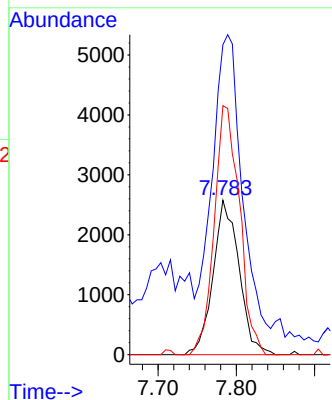
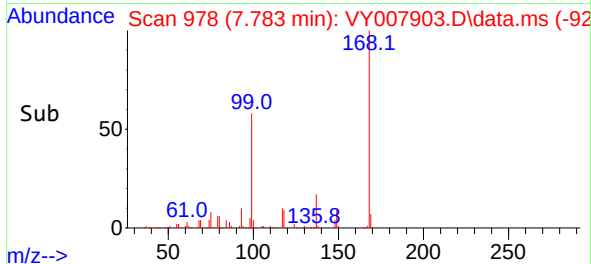


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

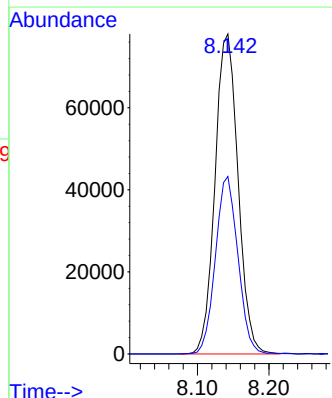
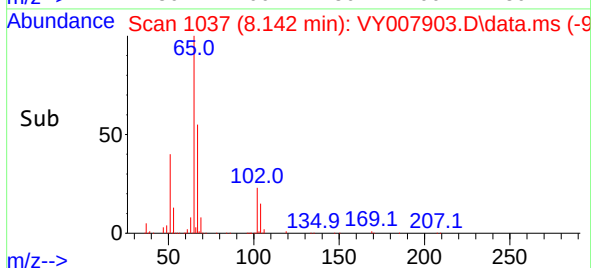
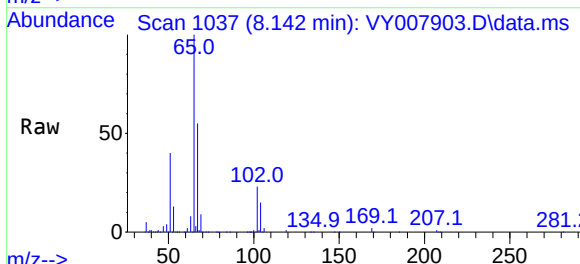


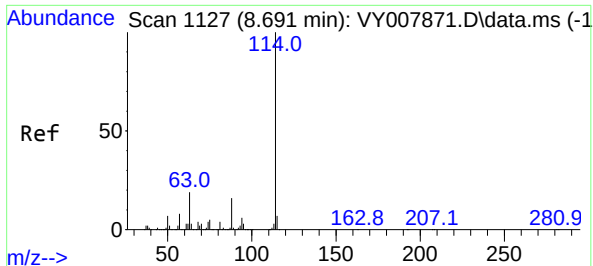
Tgt Ion: 56 Resp: 5943
Ion Ratio Lower Upper
56 100
69 177.4 26.7 40.1#
84 161.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.452 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

Tgt Ion: 65 Resp: 174486
Ion Ratio Lower Upper
65 100
67 54.2 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: VY007903.D

Acq: 18 Mar 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

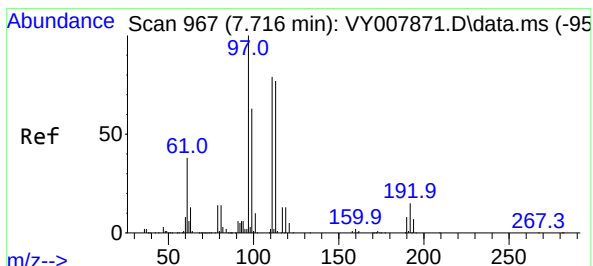
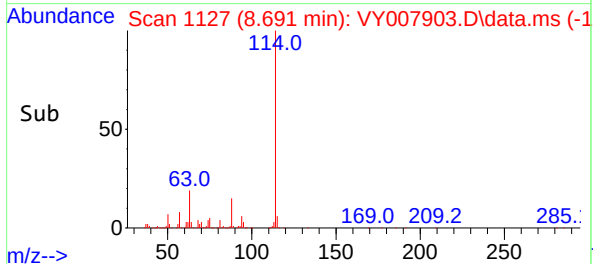
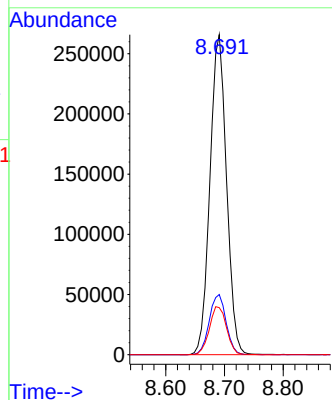
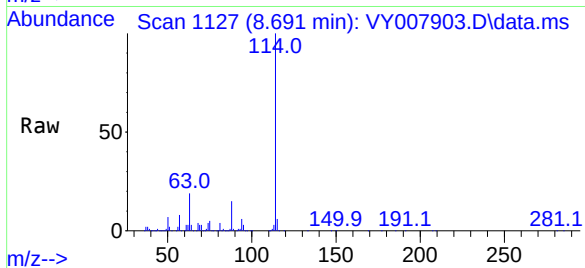
Tgt Ion:114 Resp: 520339

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.487 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

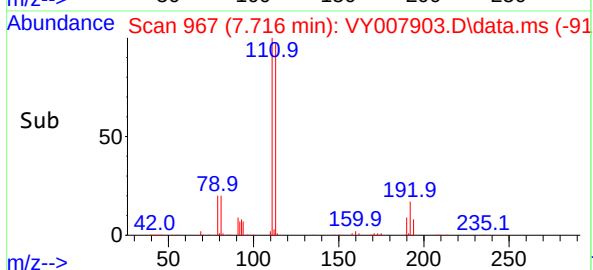
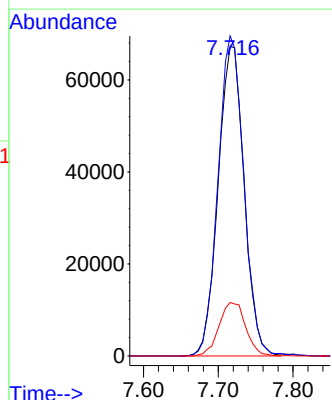
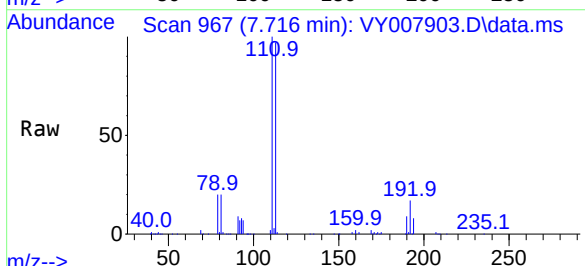
Tgt Ion:113 Resp: 162570

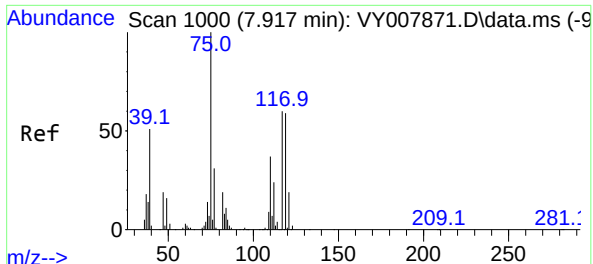
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 17.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.205 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

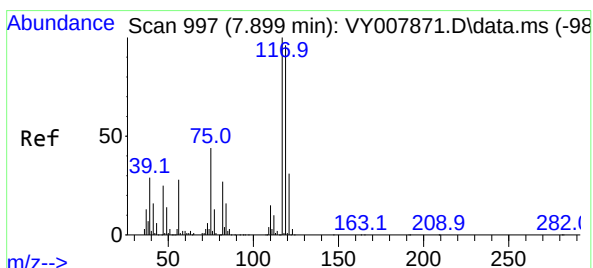
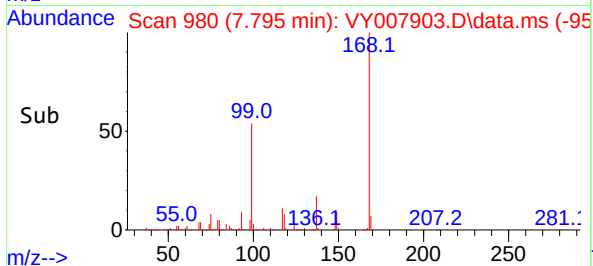
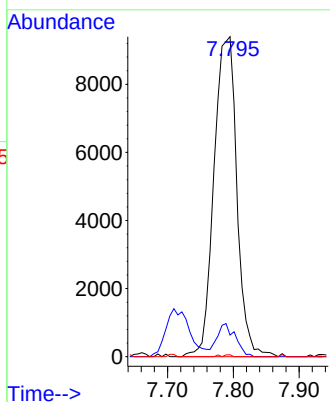
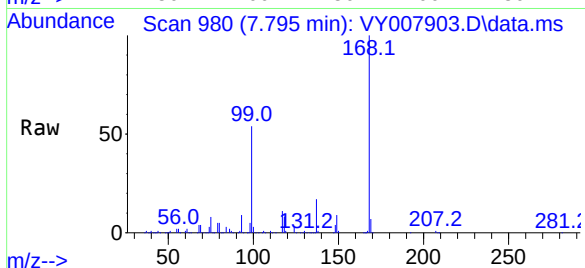
Tgt Ion: 75 Resp: 22790

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.049 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

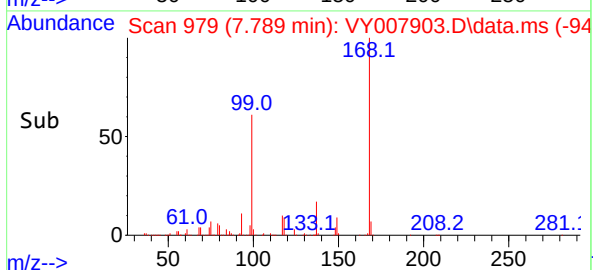
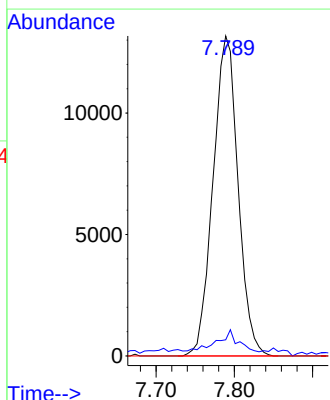
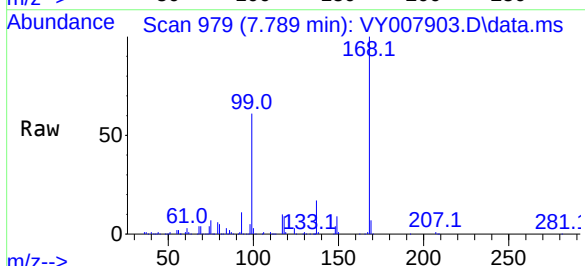
Tgt Ion: 117 Resp: 29242

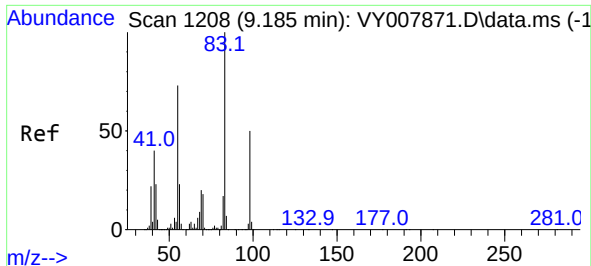
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY007903.D

Acq: 18 Mar 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

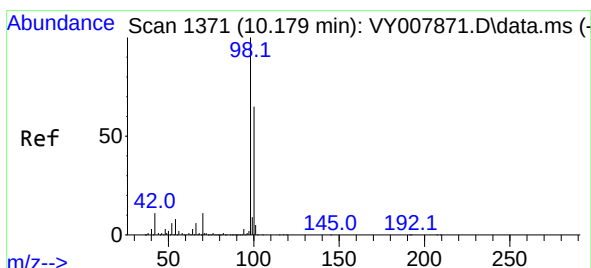
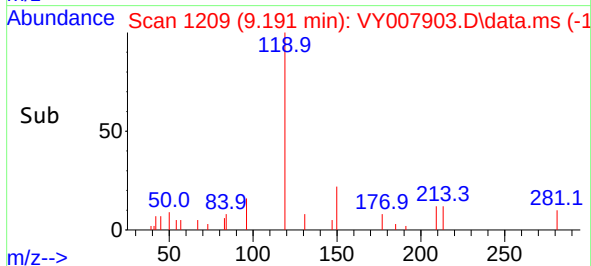
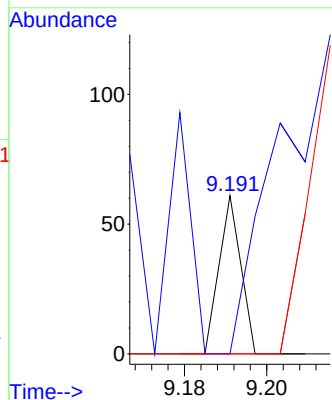
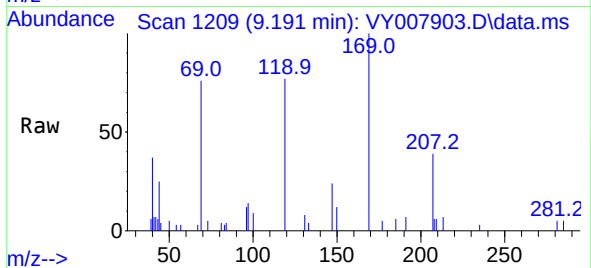
Tgt Ion: 83 Resp: 22

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 0.0 37.9 56.9#



#50

Toluene-d8

Concen: 57.224 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007903.D

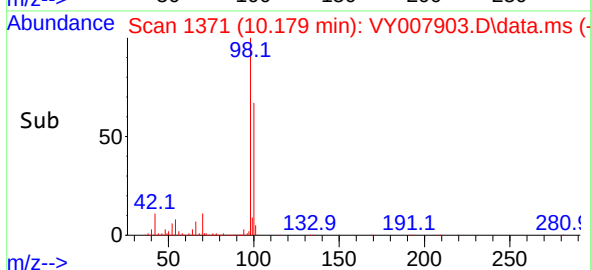
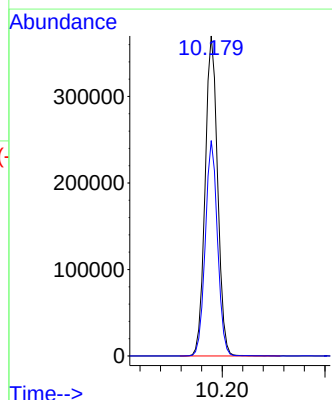
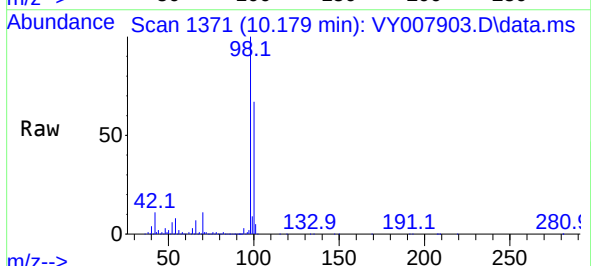
Acq: 18 Mar 2022 15:34

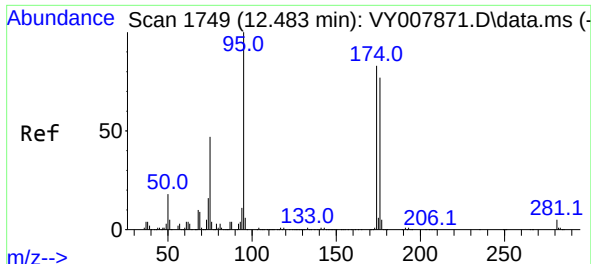
Tgt Ion: 98 Resp: 622018

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

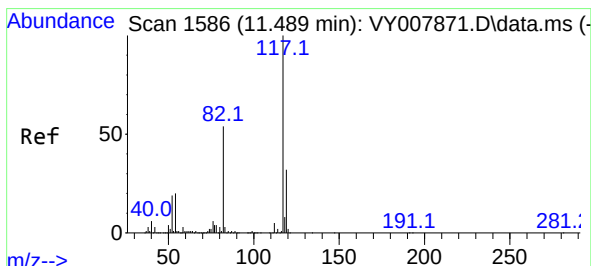
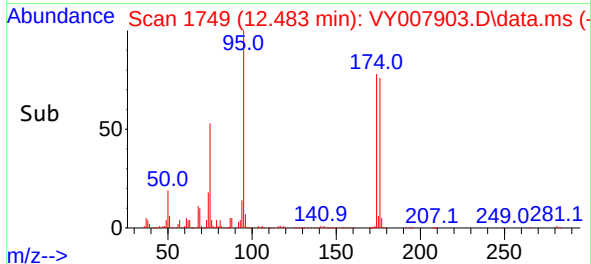
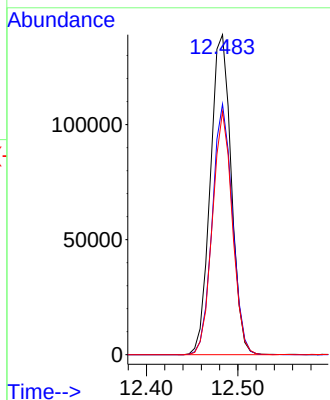
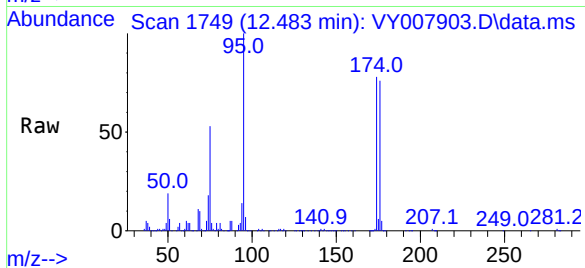




#62
4-Bromofluorobenzene
Concen: 42.105 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

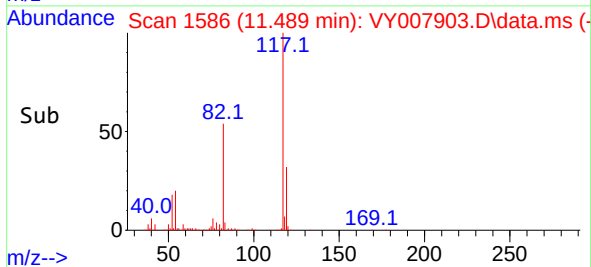
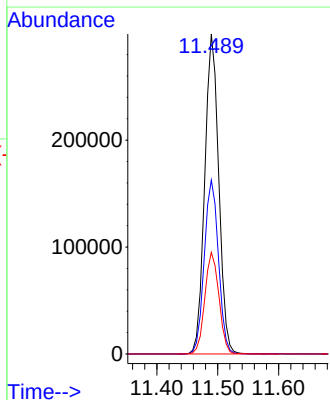
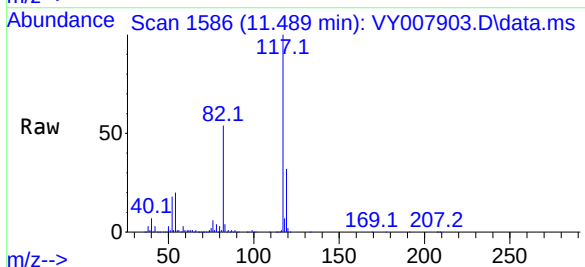
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

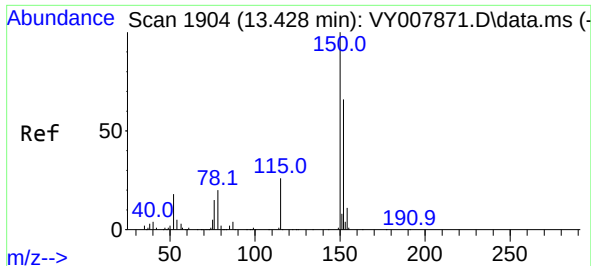
Tgt Ion: 95 Resp: 220825
Ion Ratio Lower Upper
95 100
174 75.6 0.0 177.0
176 72.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007903.D
Acq: 18 Mar 2022 15:34

Tgt Ion: 117 Resp: 477951
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.8 25.4 38.0

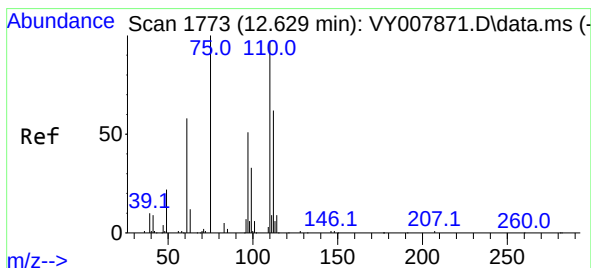
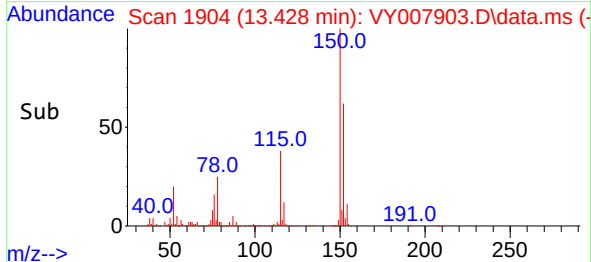
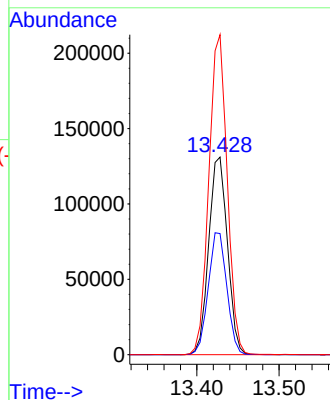
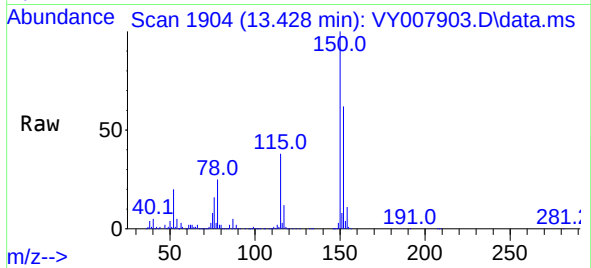




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007903.D
 Acq: 18 Mar 2022 15:34

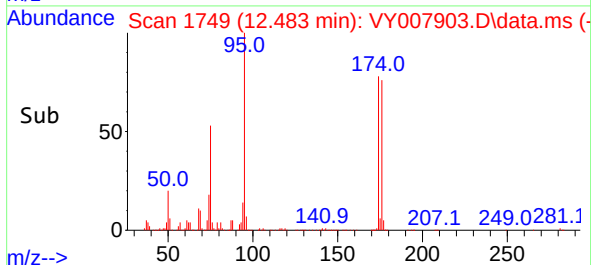
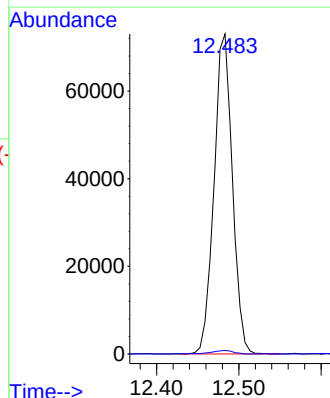
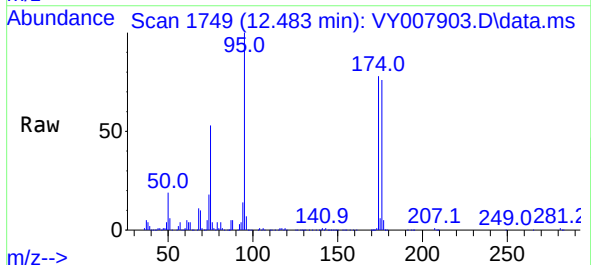
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

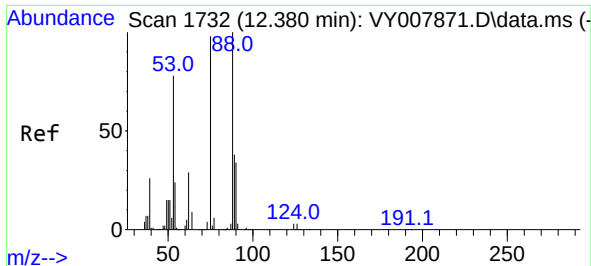
Tgt Ion:152 Resp: 207662
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.246 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007903.D
 Acq: 18 Mar 2022 15:34

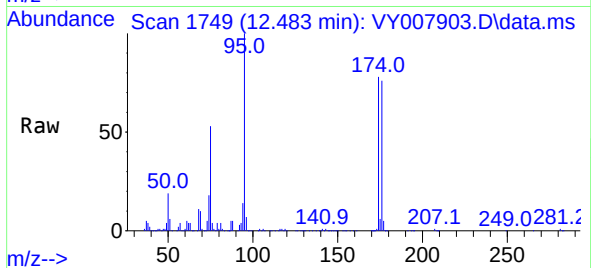
Tgt Ion: 75 Resp: 113204
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.332 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007903.D
 Acq: 18 Mar 2022 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4



Tgt Ion: 75 Resp: 113204
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

