

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007902.D
 Acq On : 18 Mar 2022 15:10
 Operator : SY/MD
 Sample : N1945-08
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4PH-1-7.5-8

Quant Time: Mar 19 01:36:26 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)

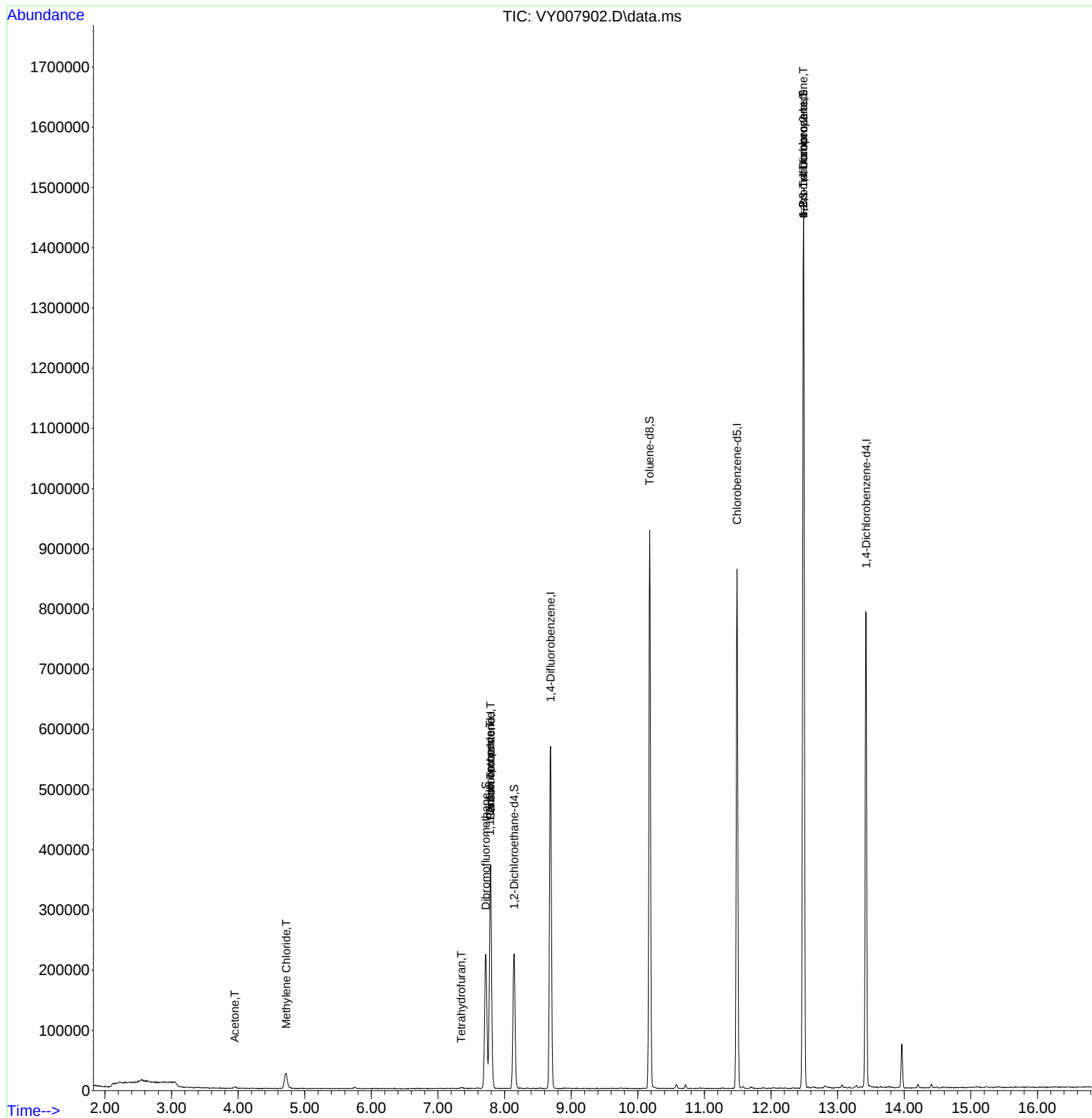
Internal Standards						
1) Pentafluorobenzene	7.789	168	281237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	511153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	171878	53.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.200%	
35) Dibromofluoromethane	7.716	113	162757	45.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.680%	
50) Toluene-d8	10.179	98	613701	57.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.000%	
62) 4-Bromofluorobenzene	12.483	95	214403	41.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	161	Below Cal	#	43
3) Chloromethane	2.113	50	1250	Below Cal	#	51
4) Vinyl Chloride	2.247	62	211	Below Cal	#	43
5) Bromomethane	2.662	94	466	Below Cal	#	27
16) Acetone	3.948	43	4080	4.796	ug/l #	84
17) Carbon Disulfide	4.204	76	23	Below Cal	#	75
18) Methyl Acetate	4.479	43	110	Below Cal	#	56
20) Methylene Chloride	4.722	84	19503	1.420	ug/l #	81
29) Tetrahydrofuran	7.350	42	1312	1.503	ug/l #	85
31) Cyclohexane	7.783	56	6250	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	23034	4.326	ug/l #	51
38) Carbon Tetrachloride	7.789	117	29227	5.137	ug/l #	15
39) Methylcyclohexane	9.063	83	18	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.483	75	119484	42.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	119484	88.395	ug/l #	9

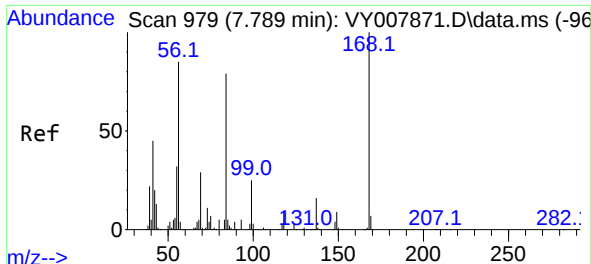
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007902.D
Acq On : 18 Mar 2022 15:10
Operator : SY/MD
Sample : N1945-08
Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

Quant Time: Mar 19 01:36:26 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

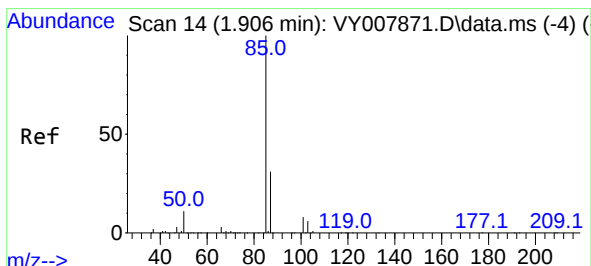
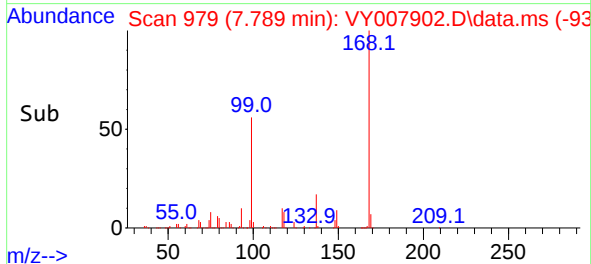
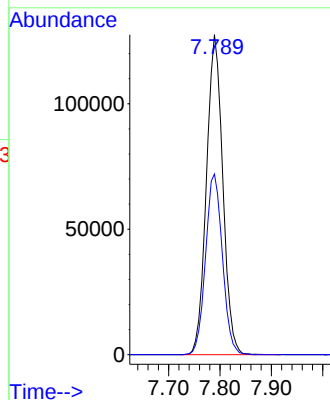
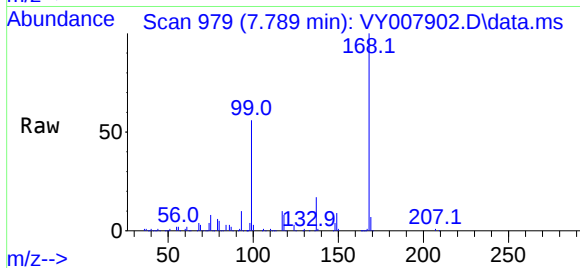




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

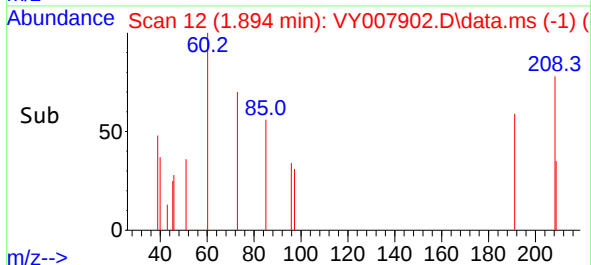
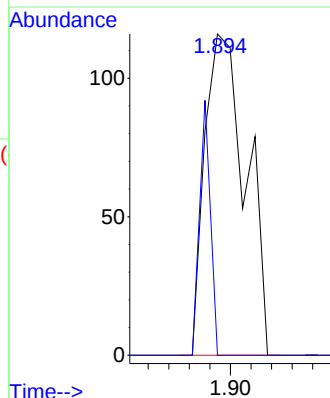
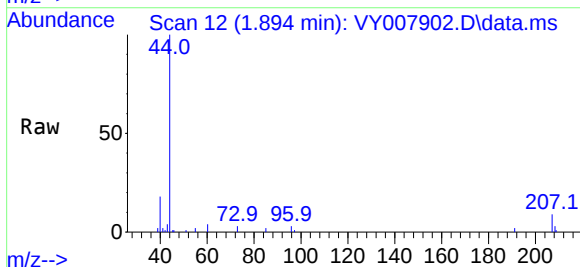
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

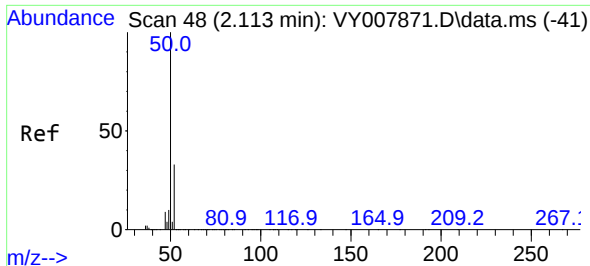
Tgt Ion:168 Resp: 281237
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

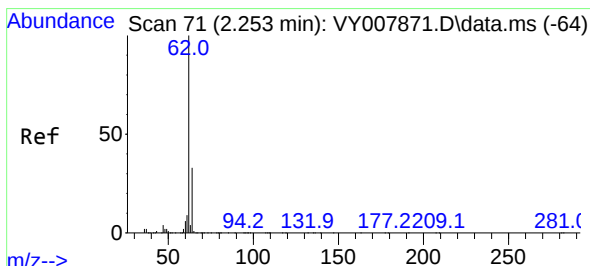
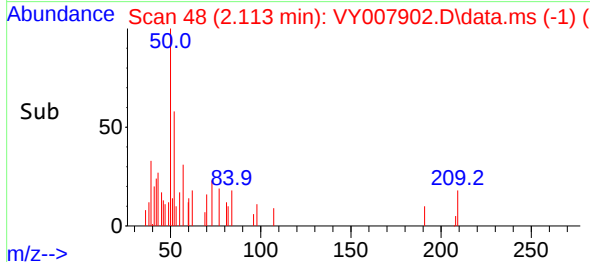
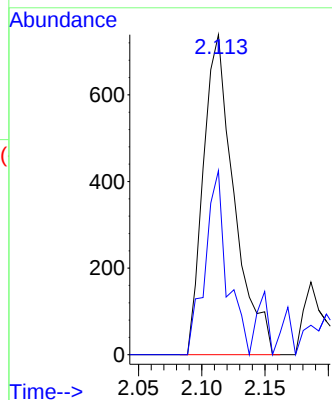
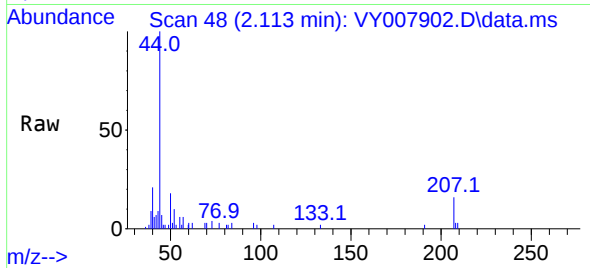




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

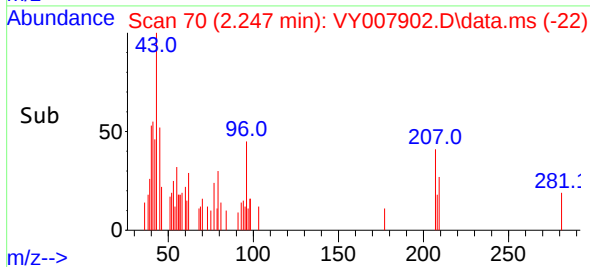
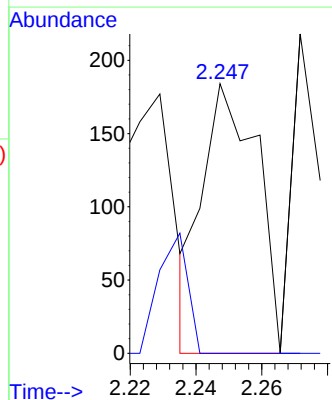
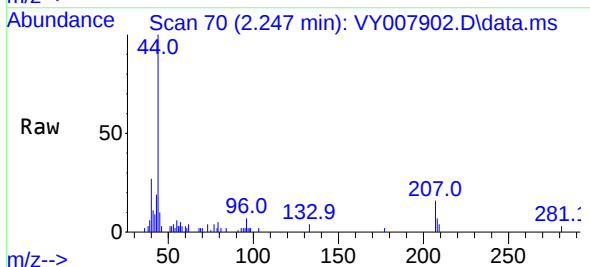
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

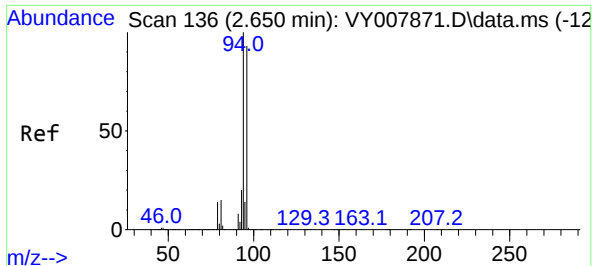
Tgt Ion: 50 Resp: 1250
Ion Ratio Lower Upper
50 100
52 57.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 62 Resp: 211
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

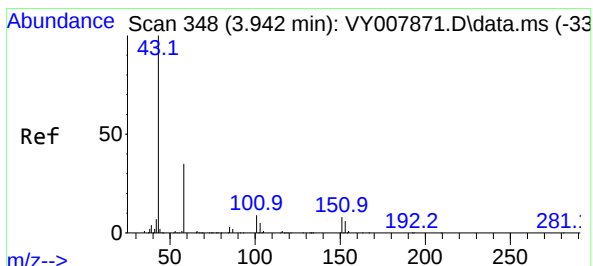
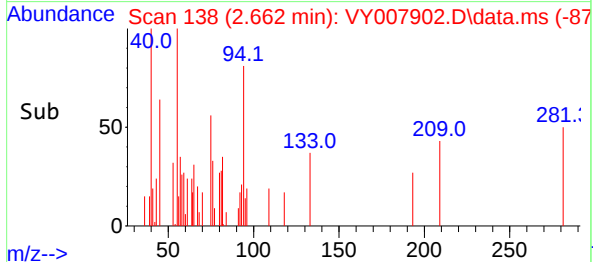
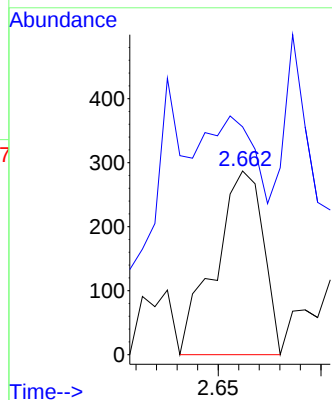
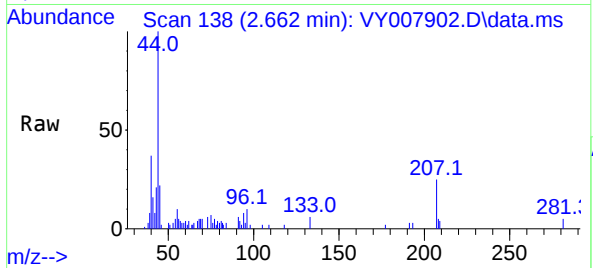




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

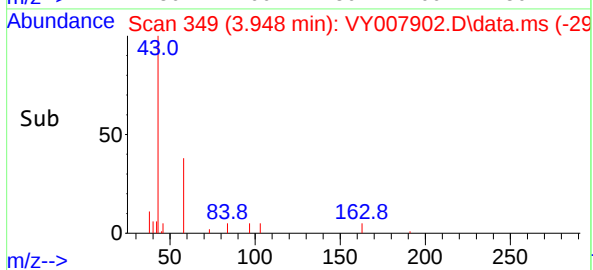
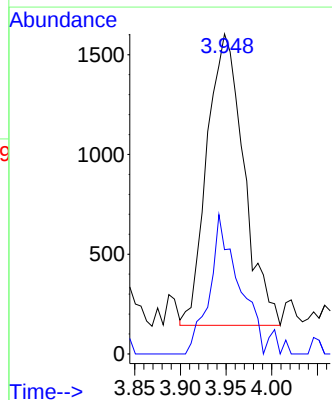
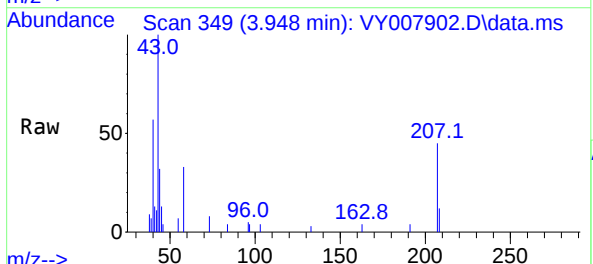
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

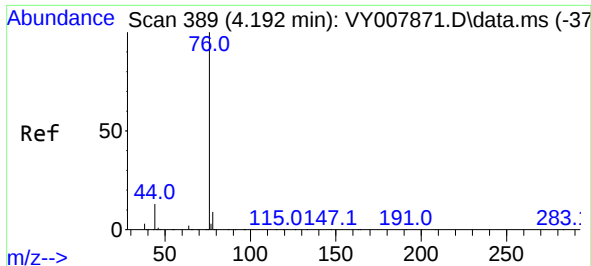
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 22.3 73.5 110.3#



#16
Acetone
Concen: 4.796 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#

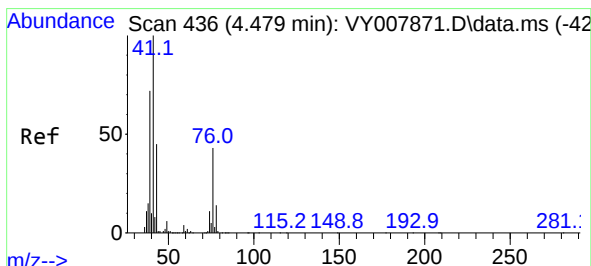
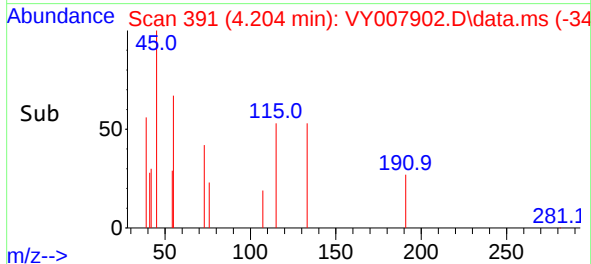
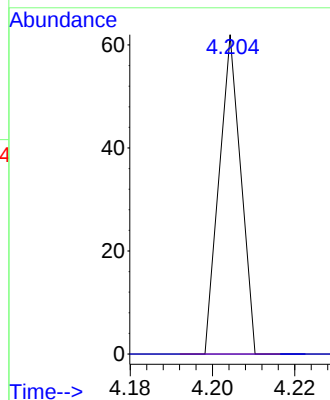
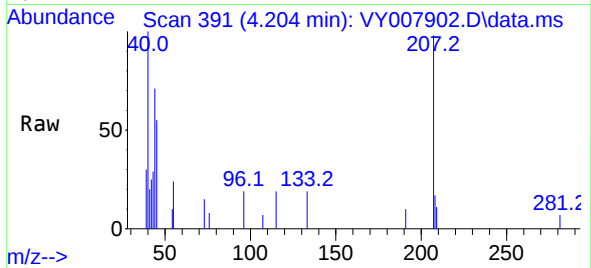




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

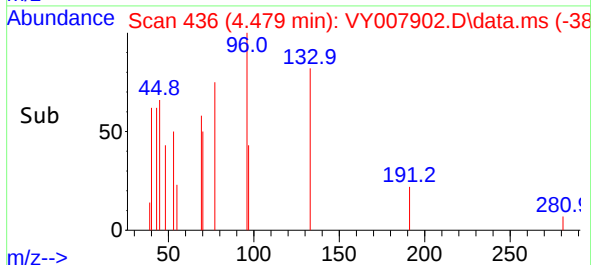
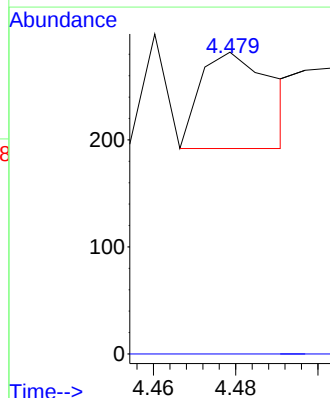
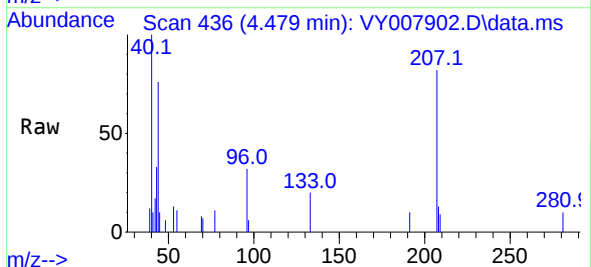
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

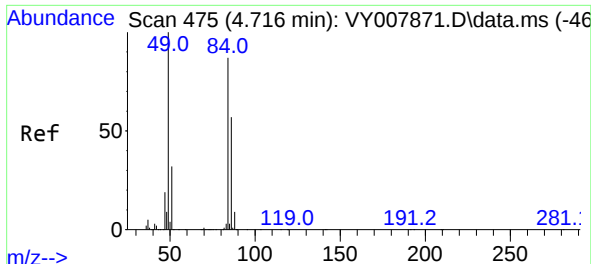
Tgt Ion: 76 Resp: 23
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

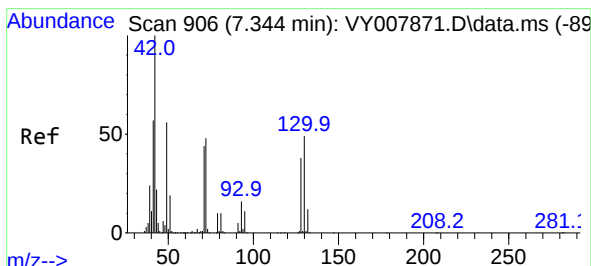
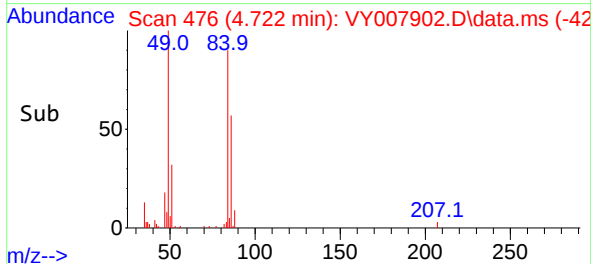
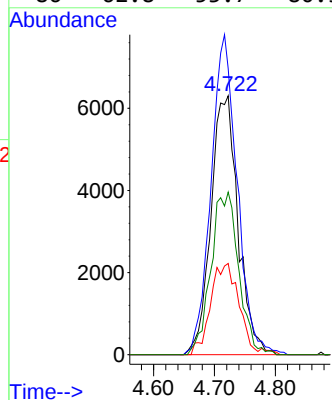
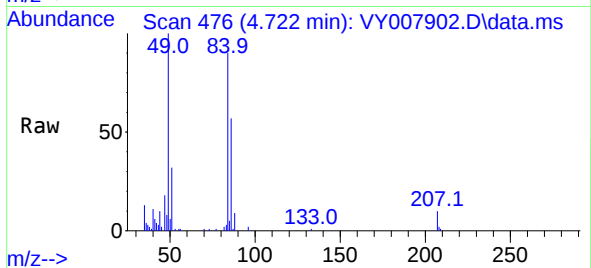




#20
Methylene Chloride
Concen: 1.420 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

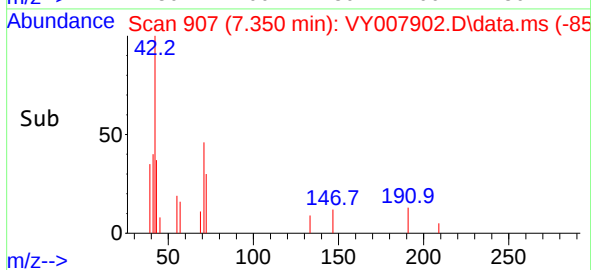
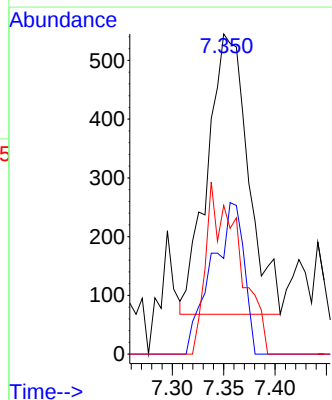
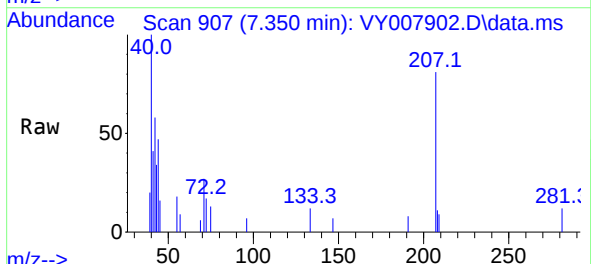
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

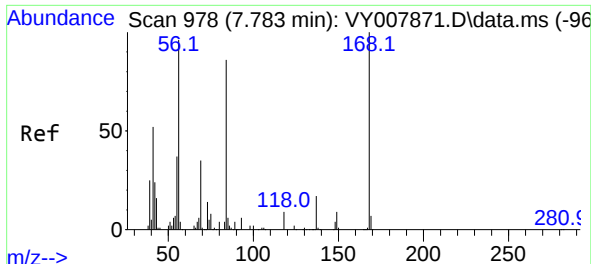
Tgt Ion: 84 Resp: 19503
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 35.2 35.3 52.9#
86 62.8 53.7 80.5



#29
Tetrahydrofuran
Concen: 1.503 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 42 Resp: 1312
Ion Ratio Lower Upper
42 100
72 42.7 30.3 45.5
71 49.9 29.0 43.4#

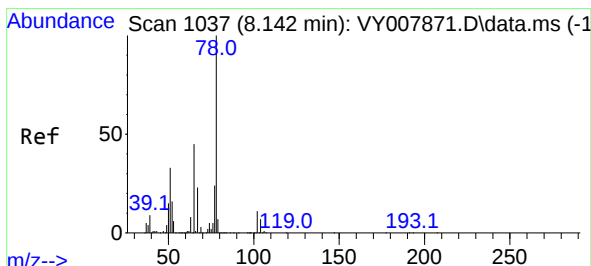
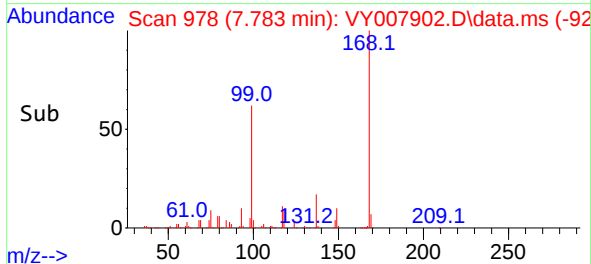
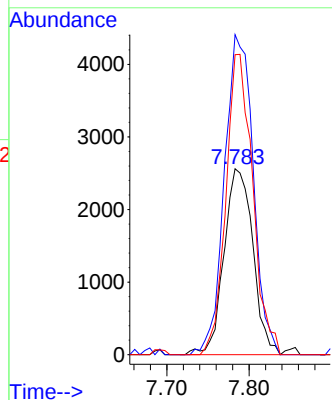
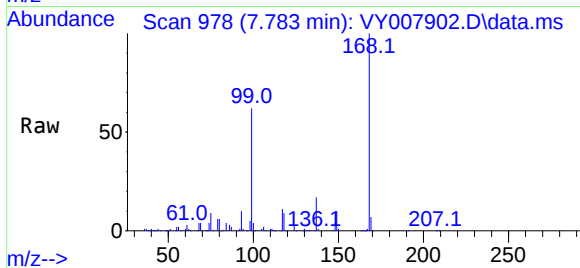




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

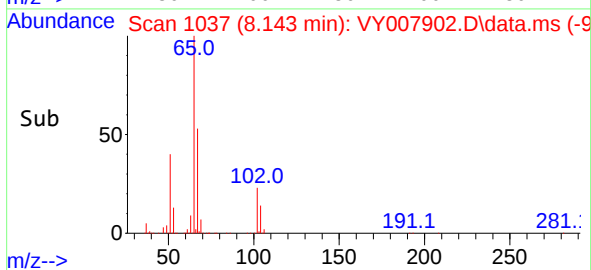
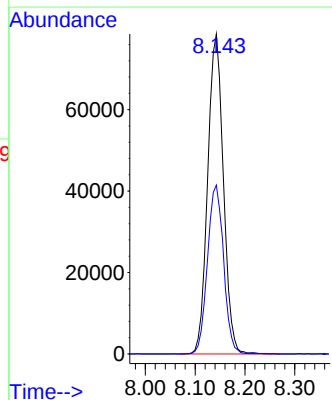
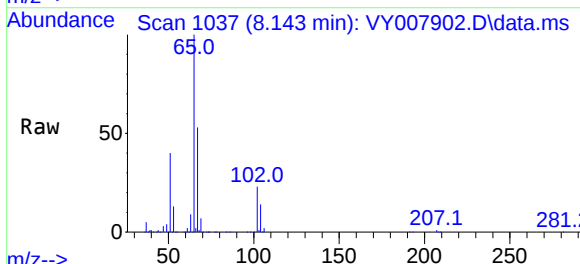
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

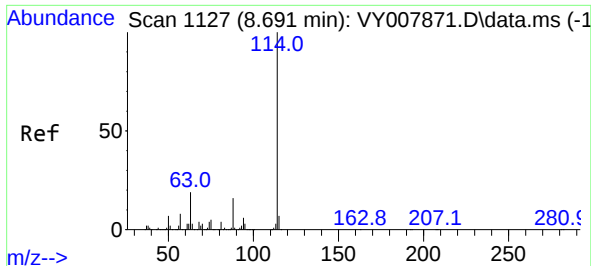
Tgt Ion: 56 Resp: 6250
Ion Ratio Lower Upper
56 100
69 172.1 26.7 40.1#
84 161.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.601 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 65 Resp: 171878
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007902.D

Acq: 18 Mar 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

4PH-1-7.5-8

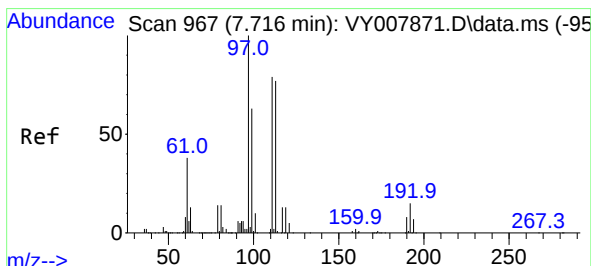
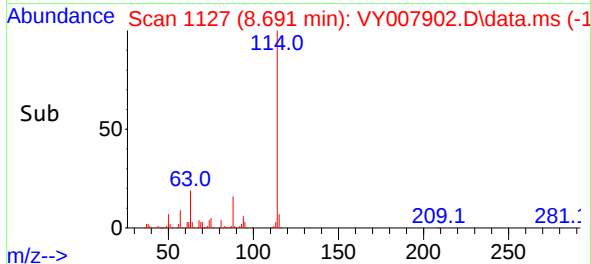
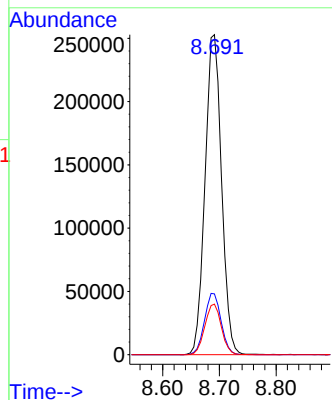
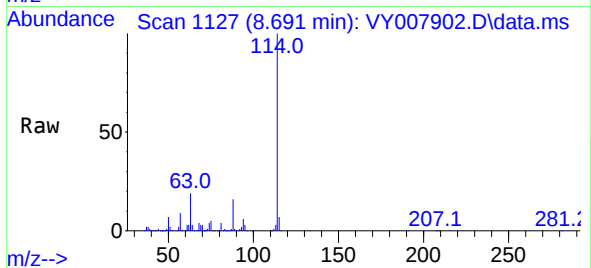
Tgt Ion:114 Resp: 511153

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.339 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007902.D

Acq: 18 Mar 2022 15:10

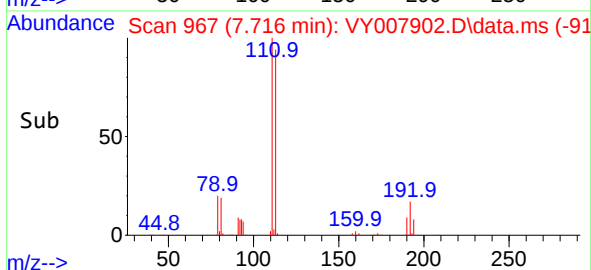
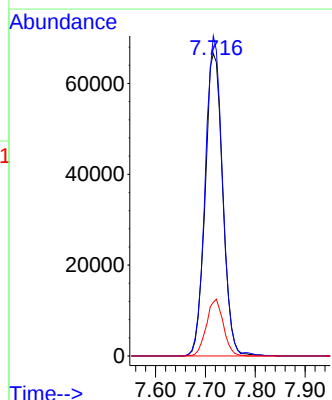
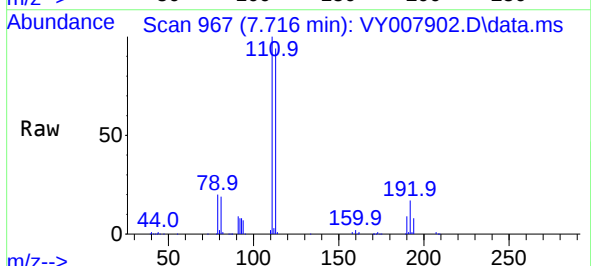
Tgt Ion:113 Resp: 162757

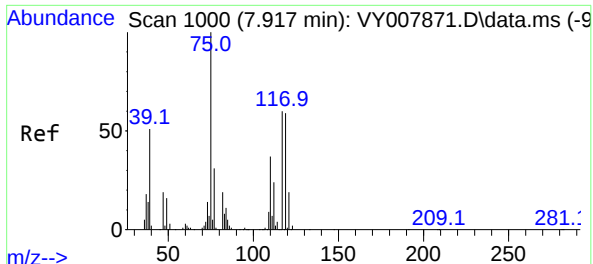
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.326 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007902.D

Acq: 18 Mar 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

4PH-1-7.5-8

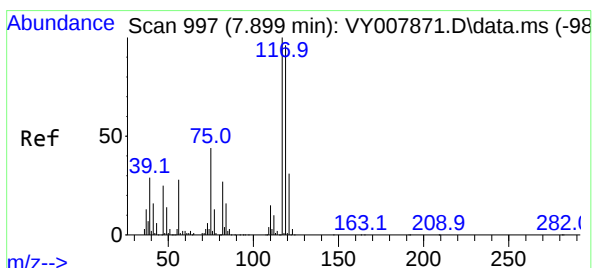
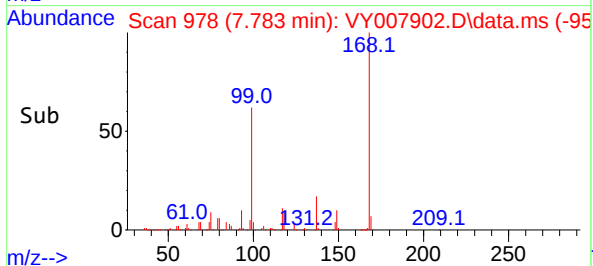
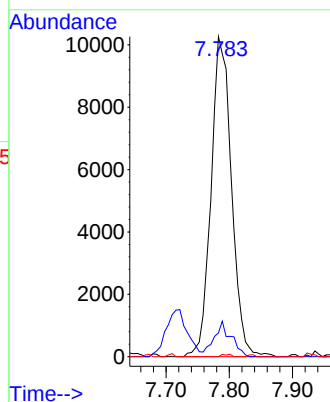
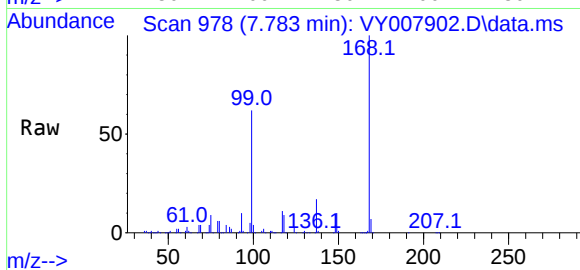
Tgt Ion: 75 Resp: 23034

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.137 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007902.D

Acq: 18 Mar 2022 15:10

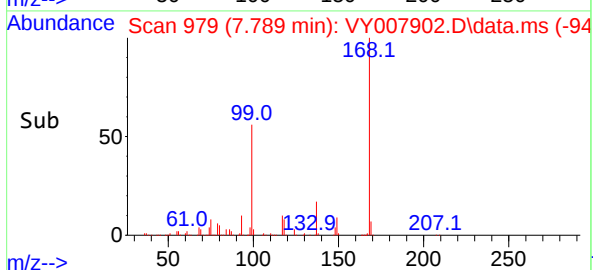
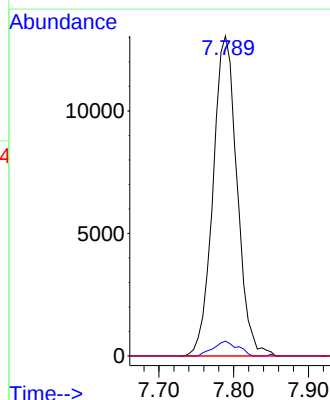
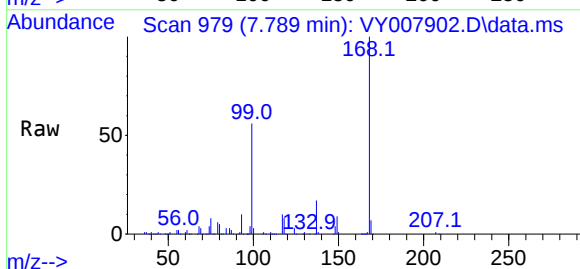
Tgt Ion: 117 Resp: 29227

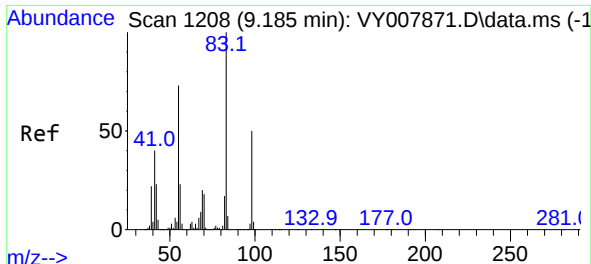
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

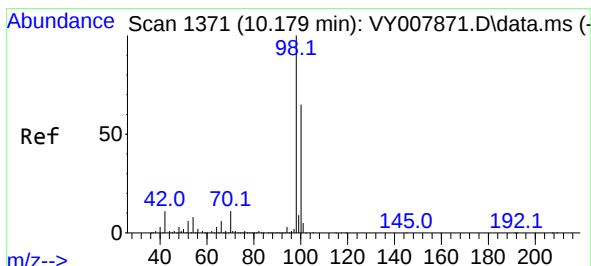
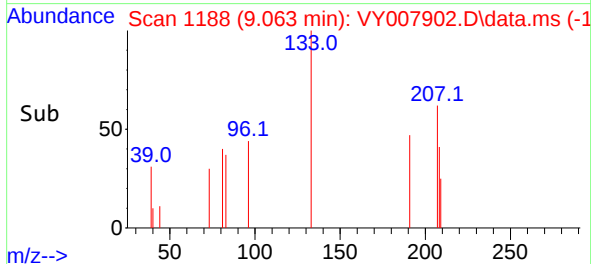
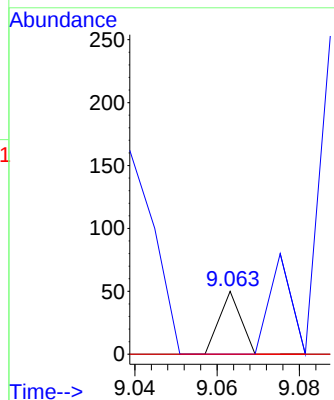
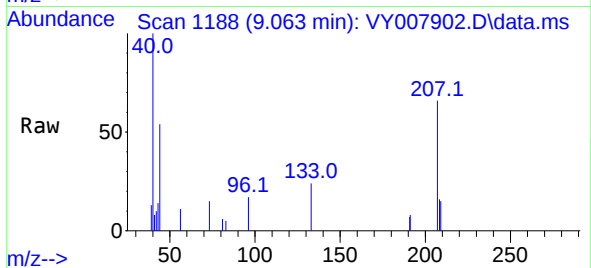




#39
Methylcyclohexane
Concen: Below Cal
RT: 9.063 min Scan# 1188
Delta R.T. -0.122 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

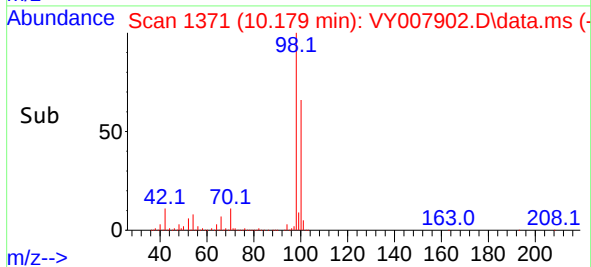
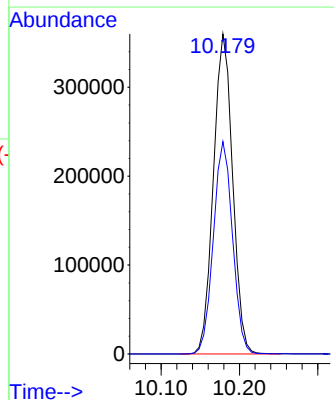
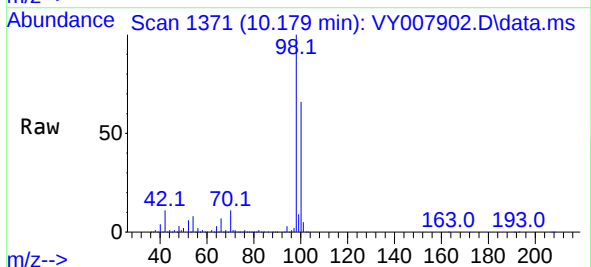
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

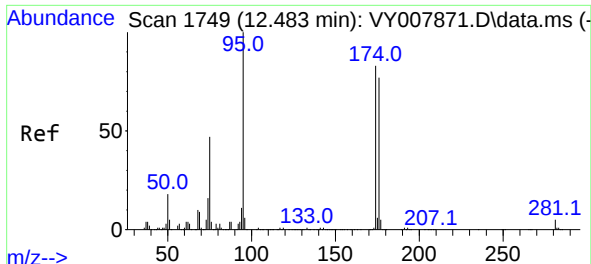
Tgt Ion: 83 Resp: 18
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.9 56.9#



#50
Toluene-d8
Concen: 57.502 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 98 Resp: 613701
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2

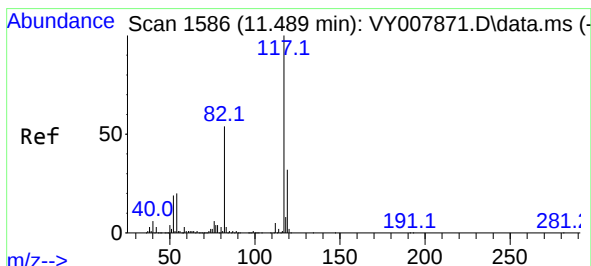
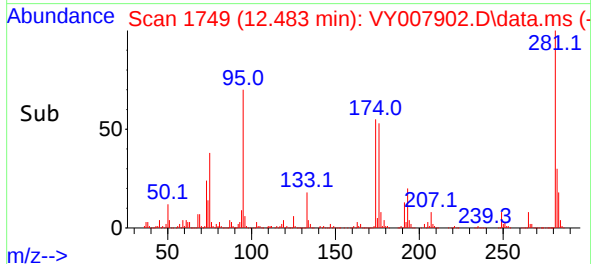
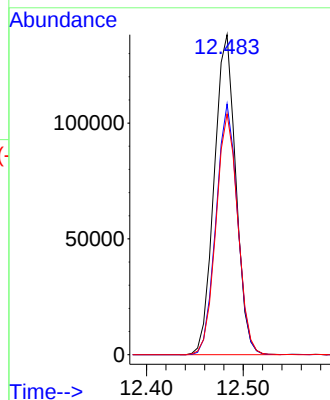
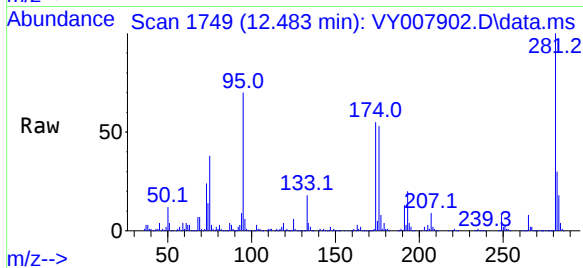




#62
4-Bromofluorobenzene
Concen: 41.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

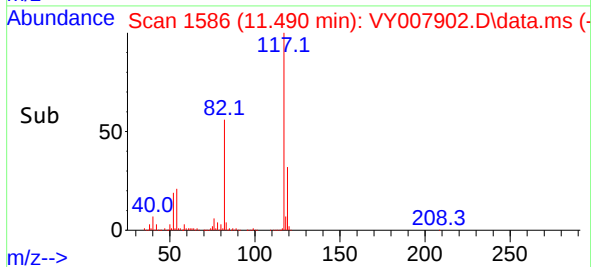
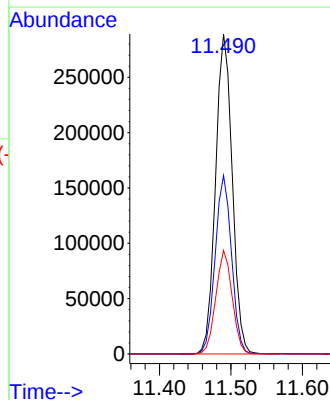
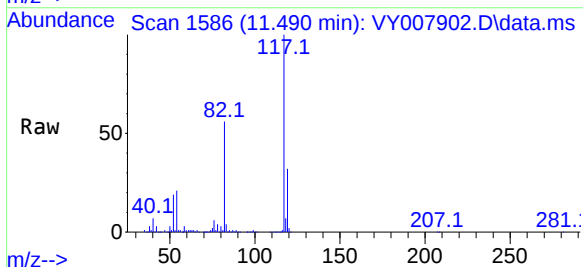
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

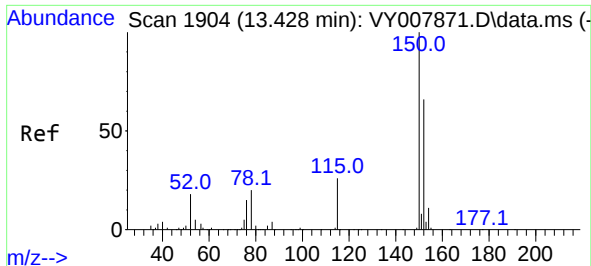
Tgt Ion: 95 Resp: 214403
Ion Ratio Lower Upper
95 100
174 77.3 0.0 177.0
176 75.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 117 Resp: 467961
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.3 25.4 38.0

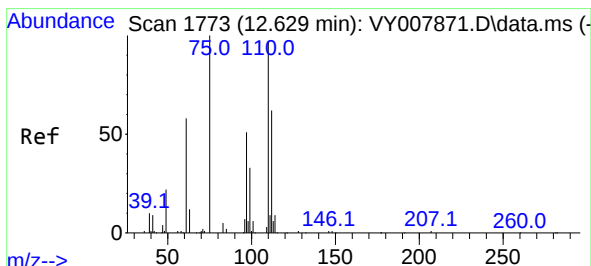
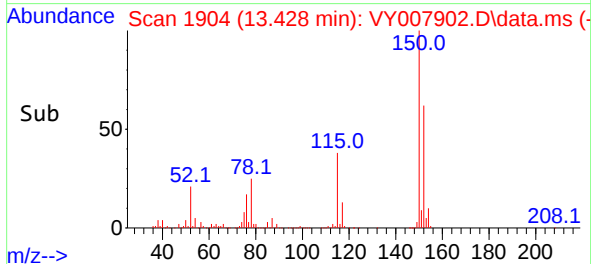
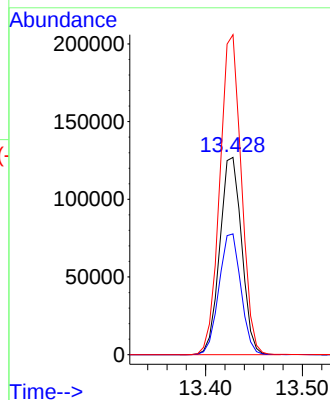
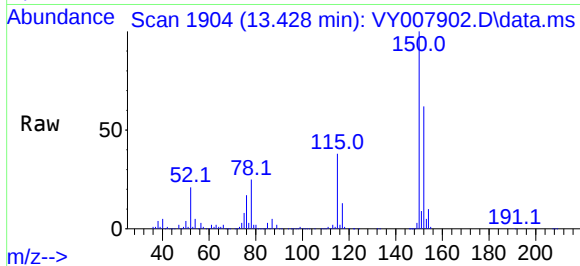




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

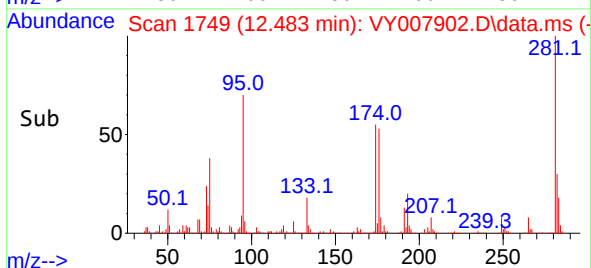
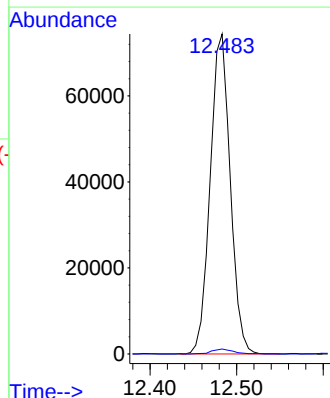
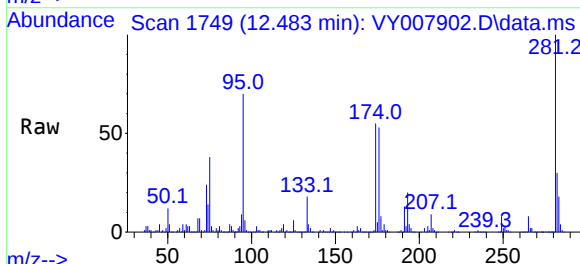
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

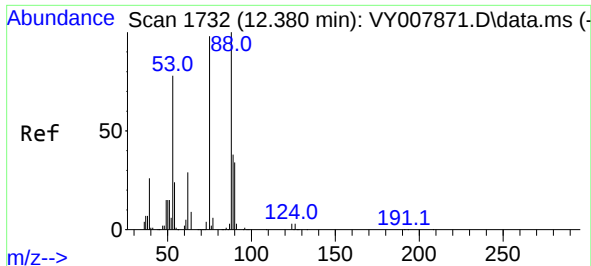
Tgt Ion:152 Resp: 199189
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 159.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.085 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

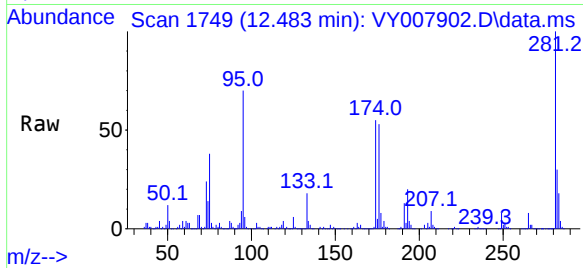
Tgt Ion: 75 Resp: 119484
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.395 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007902.D
 Acq: 18 Mar 2022 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 4PH-1-7.5-8



Tgt Ion: 75 Resp: 119484
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 2.8 37.0 55.4#

