

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009290.D
 Acq On : 23 Jun 2022 13:15
 Operator : KP/MD
 Sample : N3450-02
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-17

Quant Time: Jun 24 09:22:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

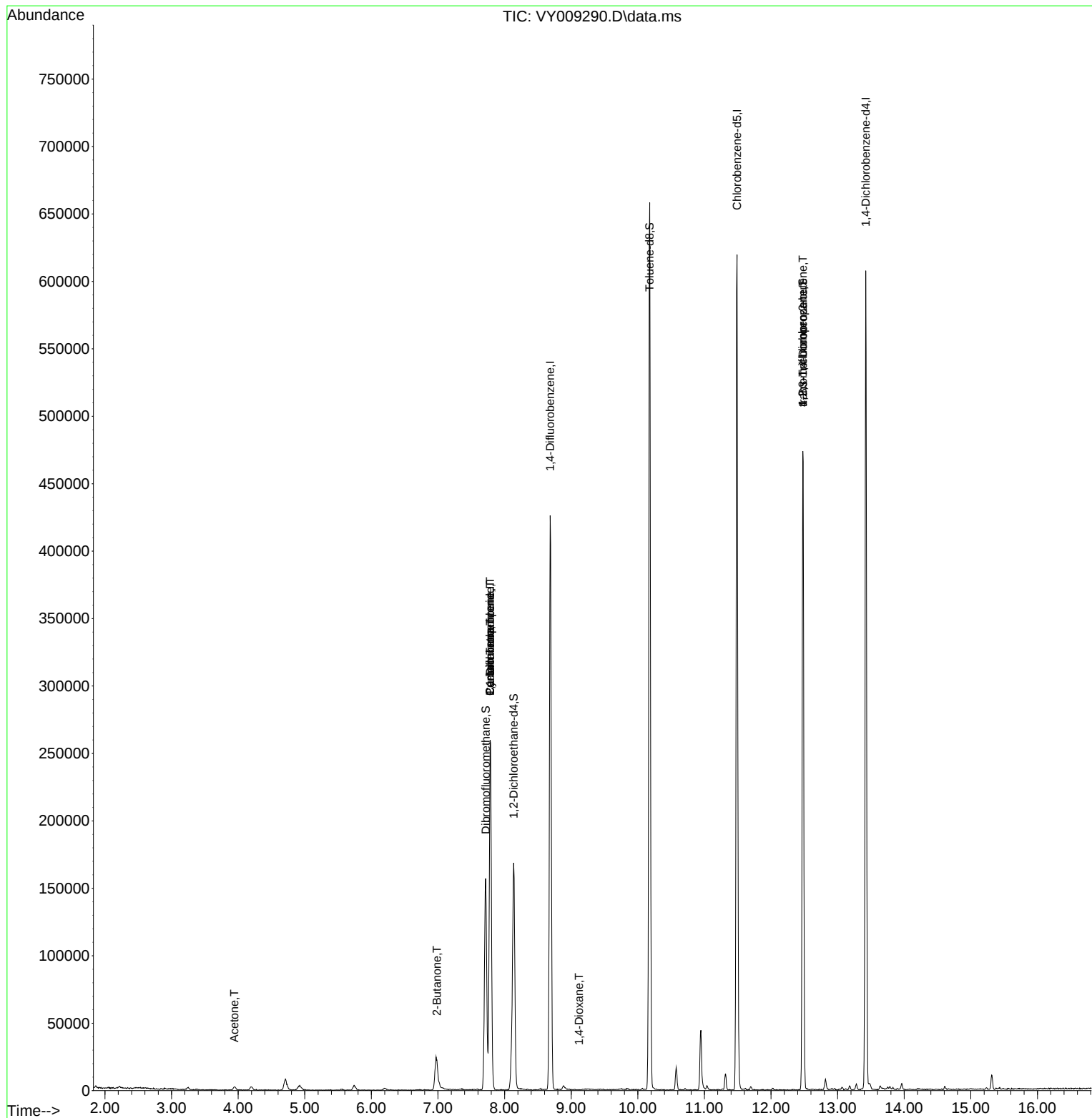
Internal Standards						
1) Pentafluorobenzene	7.783	168	207382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115894	50.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.716	113	109662	46.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.980%	
50) Toluene-d8	10.179	98	431097	47.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	12.477	95	144204	45.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.560%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	3844	Below Cal	#	77
16) Acetone	3.942	43	4332	7.698	ug/l	94
18) Methyl Acetate	4.448	43	67	Below Cal	#	56
20) Methylene Chloride	4.710	84	5671	Below Cal	#	81
25) 2-Butanone	6.984	43	1642	1.807	ug/l	# 76
31) Cyclohexane	7.783	56	4026	1.018	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15608	4.347	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	18871	5.055	ug/l	# 16
49) 1,4-Dioxane	9.118	88	23	1.029	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	74837	41.402	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	74837	87.786	ug/l	# 7

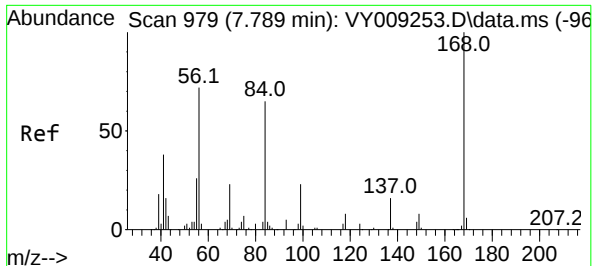
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
Data File : VY009290.D
Acq On : 23 Jun 2022 13:15
Operator : KP/MD
Sample : N3450-02
Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

Quant Time: Jun 24 09:22:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

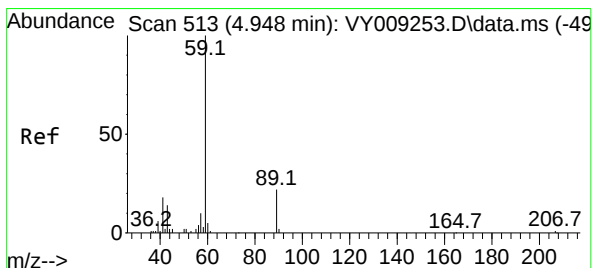
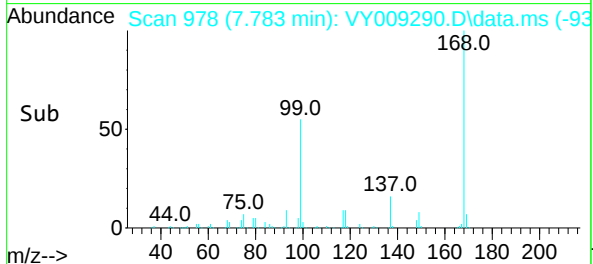
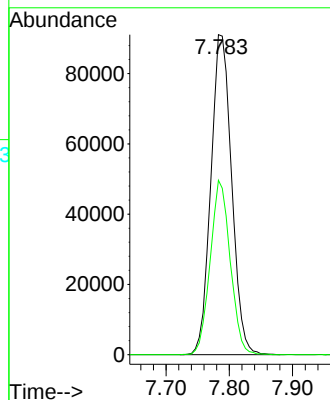
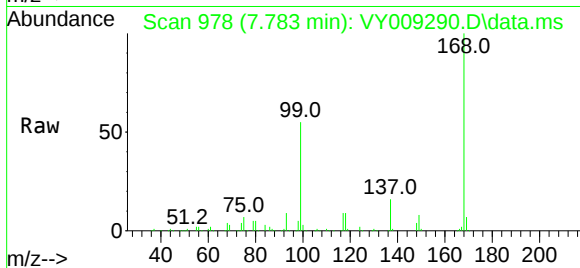




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

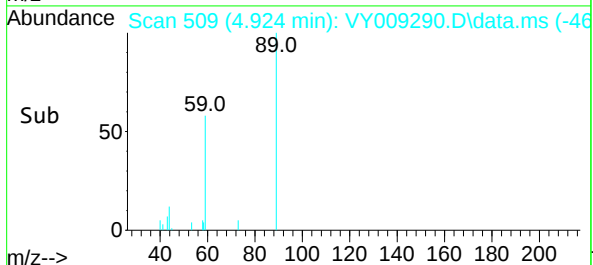
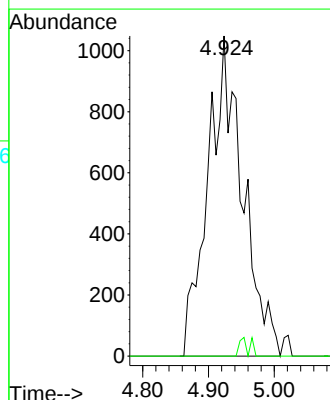
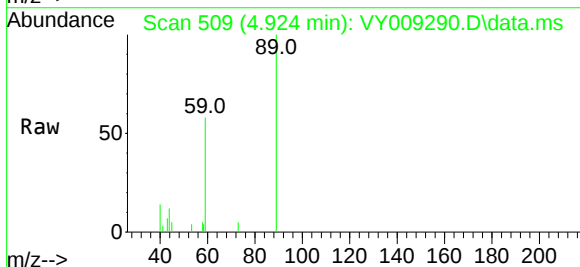
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

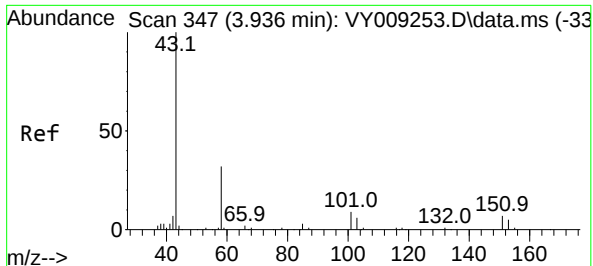
Tgt Ion:168 Resp: 207382
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 59 Resp: 3844
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

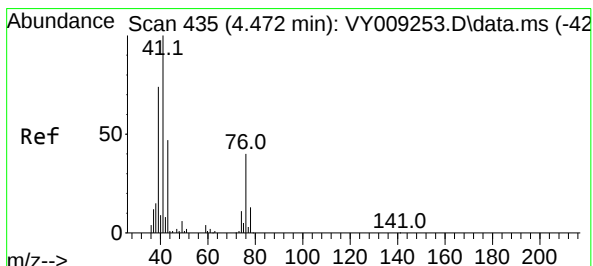
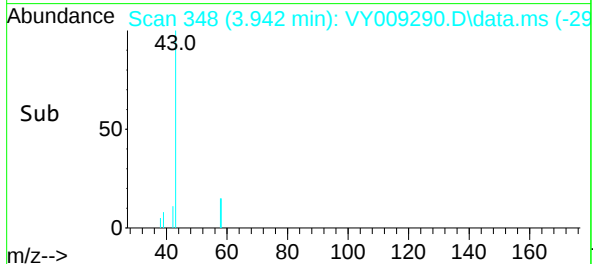
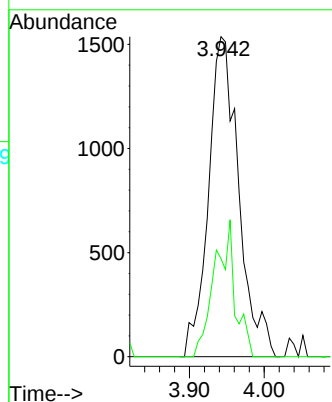
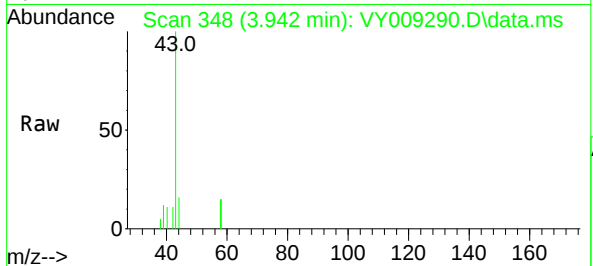




#16
Acetone
Concen: 7.698 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

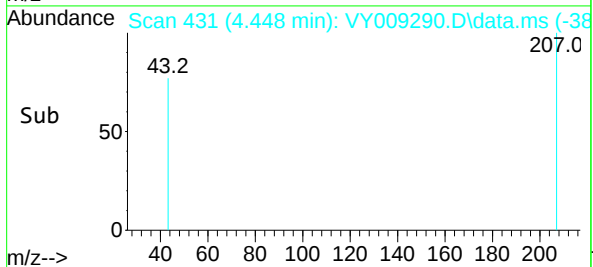
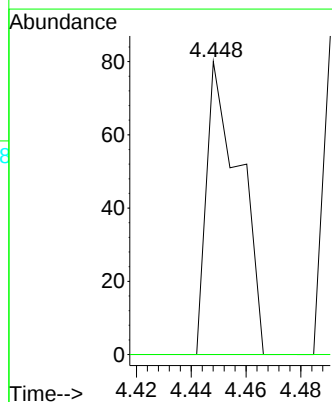
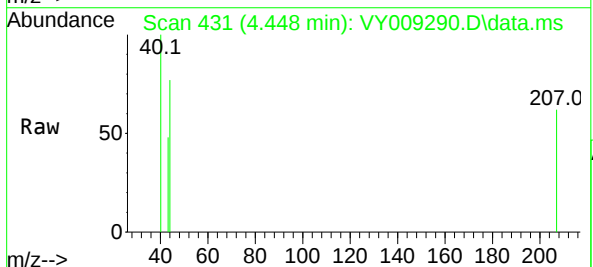
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

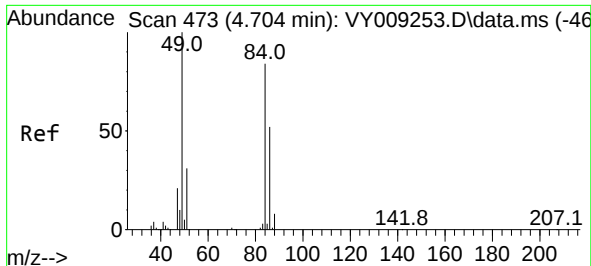
Tgt Ion: 43 Resp: 4332
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 431
Delta R.T. -0.024 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

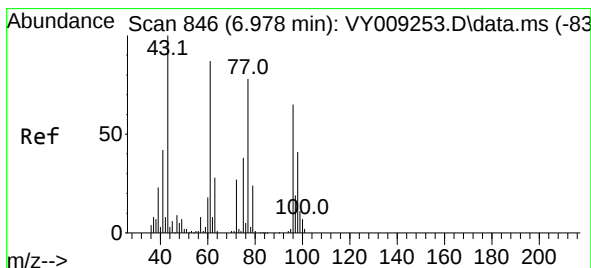
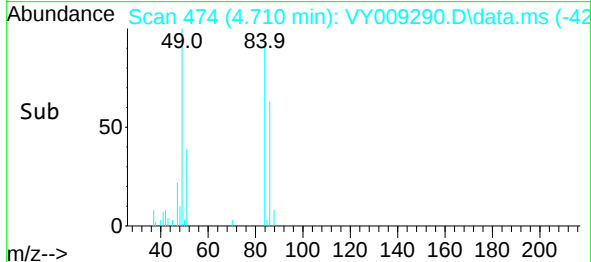
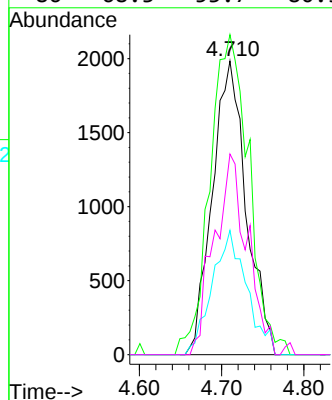
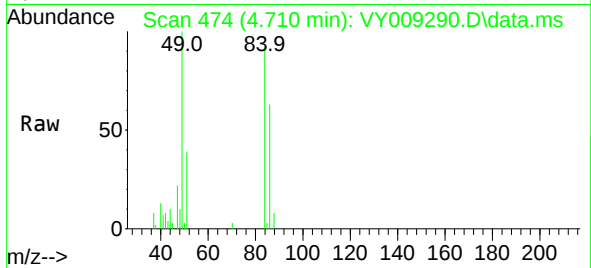




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

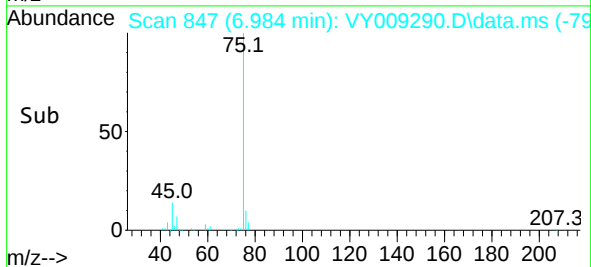
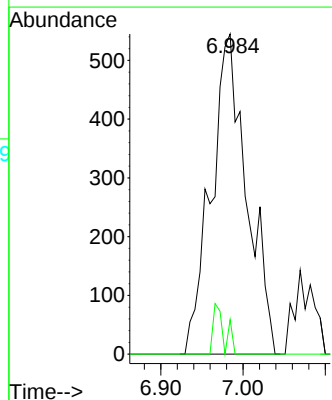
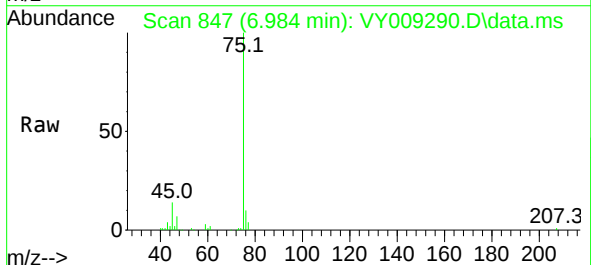
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

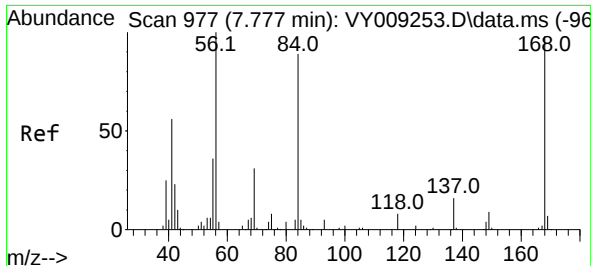
Tgt Ion: 84 Resp: 5671
Ion Ratio Lower Upper
84 100
49 103.8 114.4 171.6#
51 42.3 35.3 52.9
86 68.3 53.7 80.5



#25
2-Butanone
Concen: 1.807 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

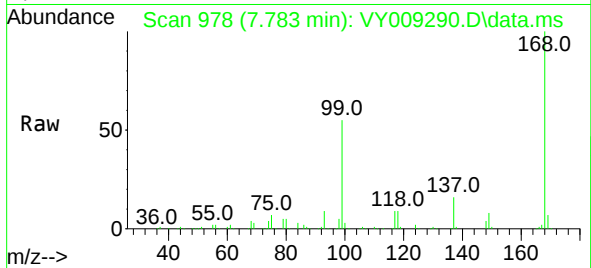
Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
72 10.8 17.7 26.5#



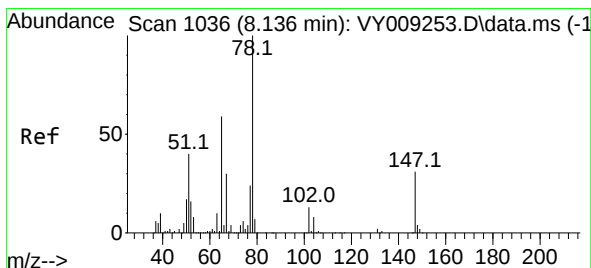
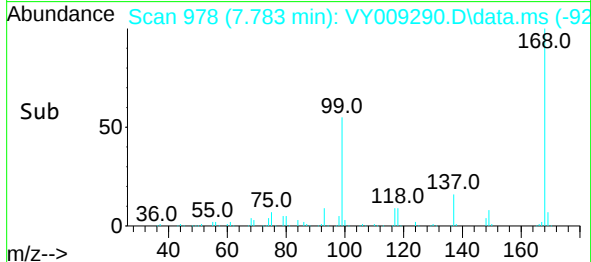
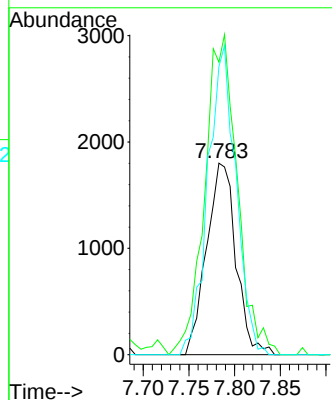


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

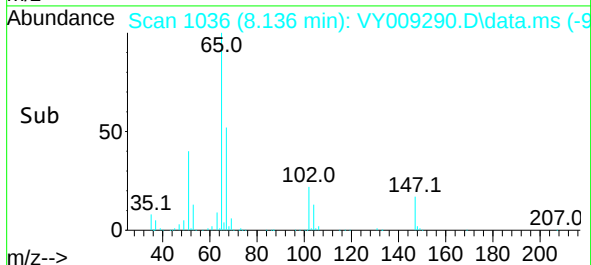
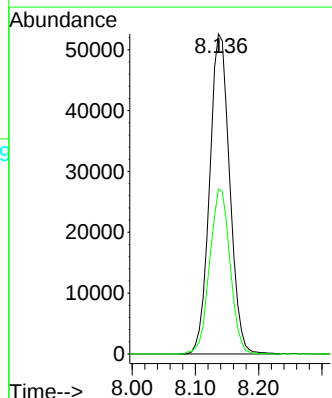
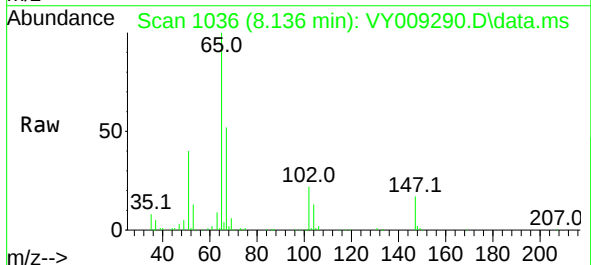


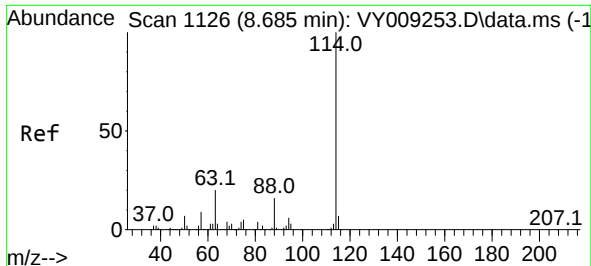
Tgt Ion: 56 Resp: 4026
Ion Ratio Lower Upper
56 100
69 152.7 26.7 40.1#
84 150.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.884 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 65 Resp: 115894
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009290.D

Acq: 23 Jun 2022 13:15

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-17

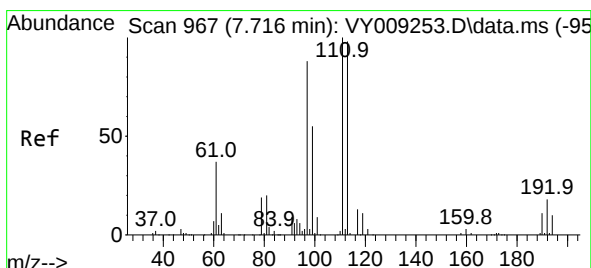
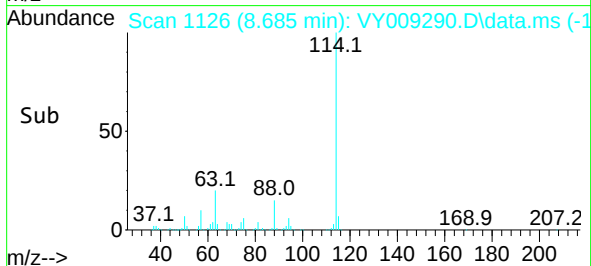
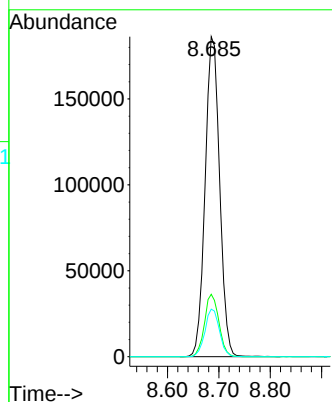
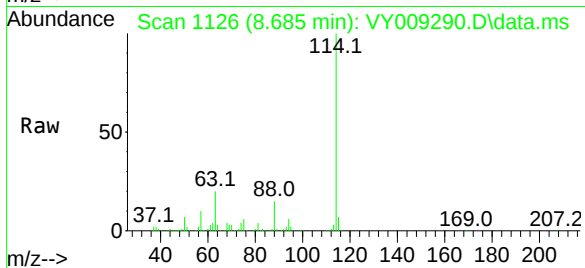
Tgt Ion:114 Resp: 364268

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.485 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009290.D

Acq: 23 Jun 2022 13:15

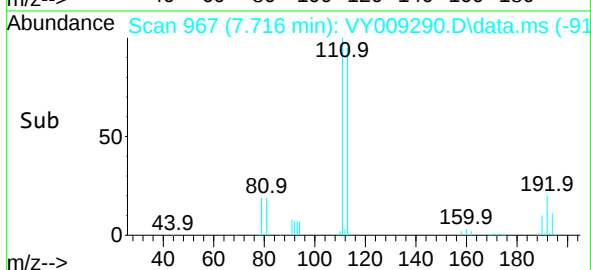
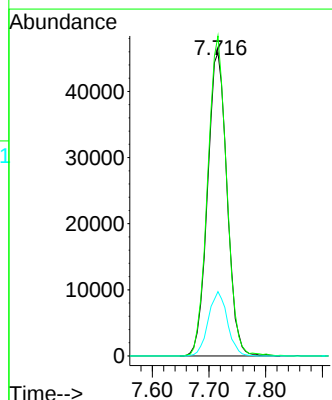
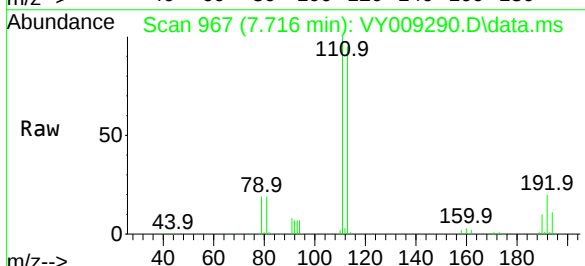
Tgt Ion:113 Resp: 109662

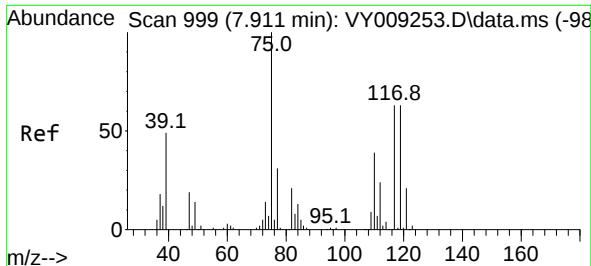
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.7 17.6 26.4

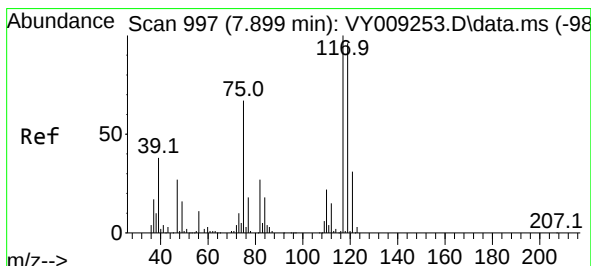
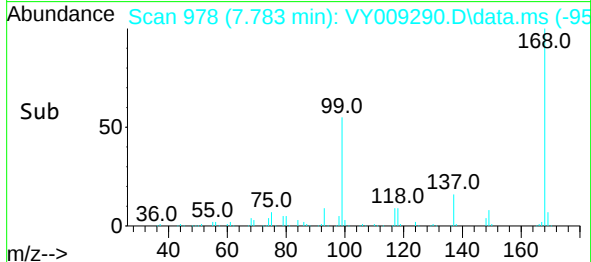
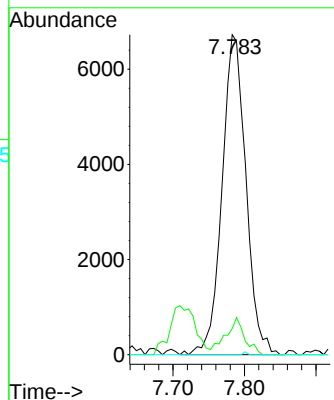
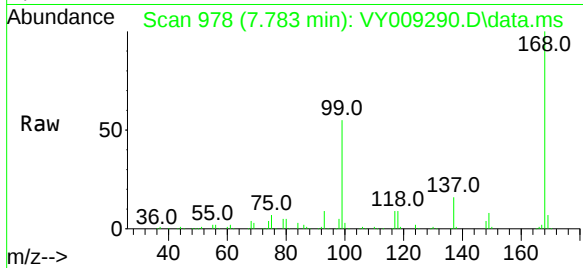




#36
1,1-Dichloropropene
Concen: 4.347 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

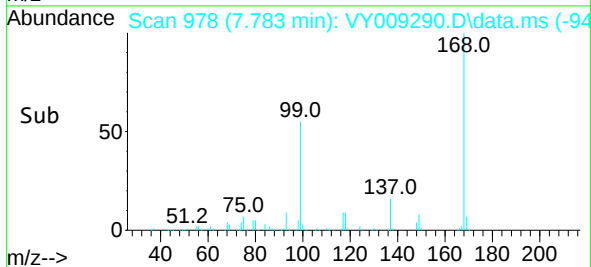
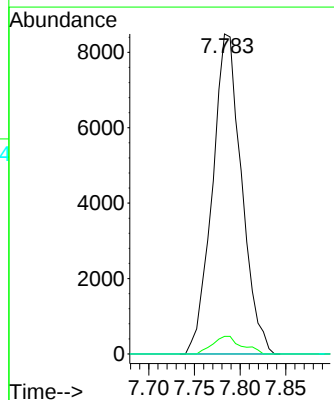
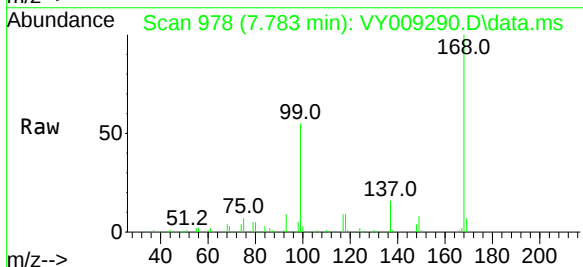
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

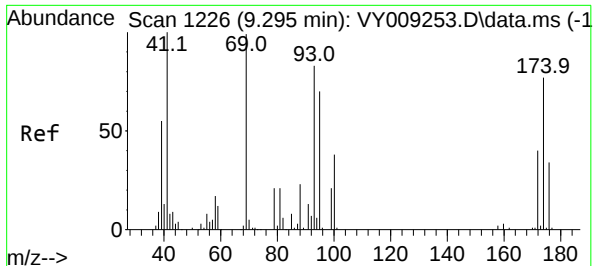
Tgt Ion: 75 Resp: 15608
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.055 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 117 Resp: 18871
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.029 ug/l

RT: 9.118 min Scan# 11

Delta R.T. -0.177 min

Lab File: VY009290.D

Acq: 23 Jun 2022 13:15

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-17

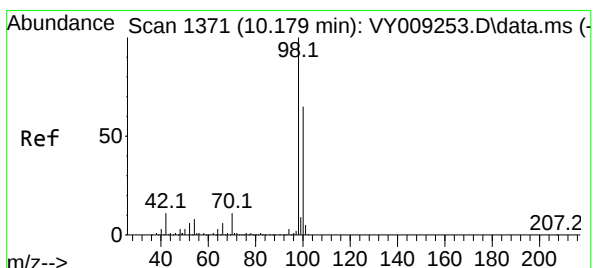
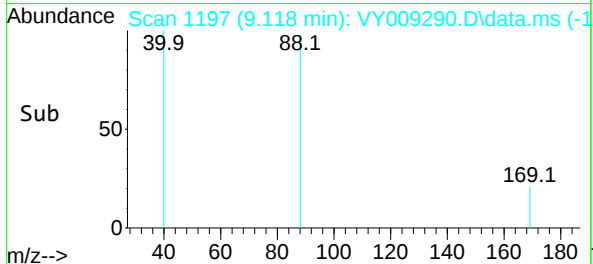
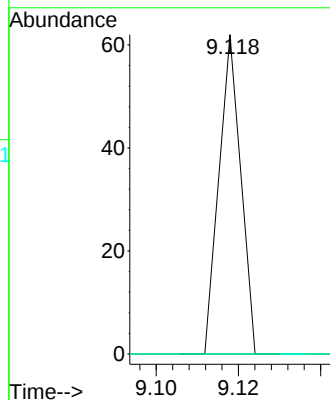
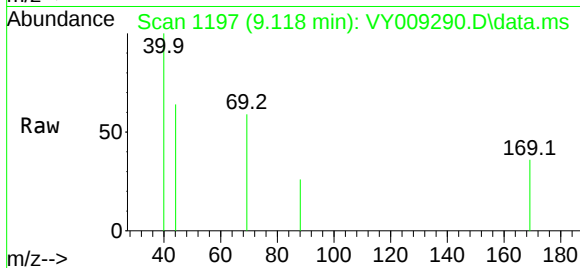
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 32.8 49.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 47.570 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009290.D

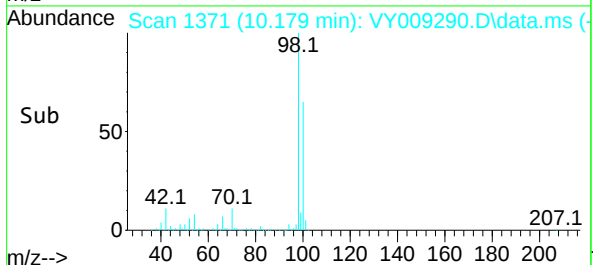
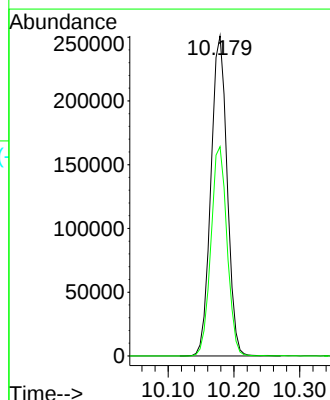
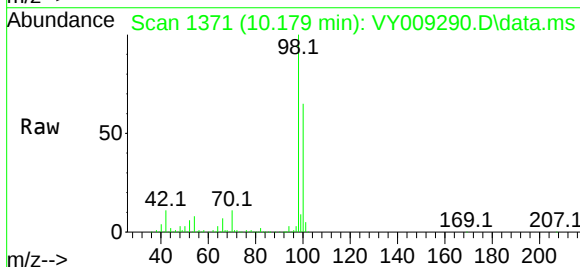
Acq: 23 Jun 2022 13:15

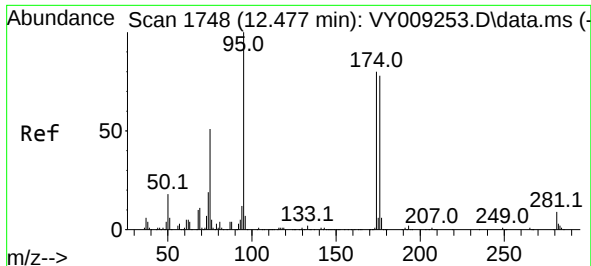
Tgt Ion: 98 Resp: 431097

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

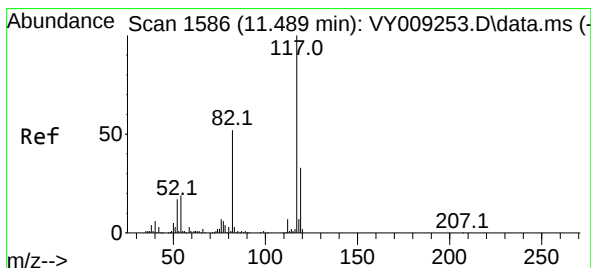
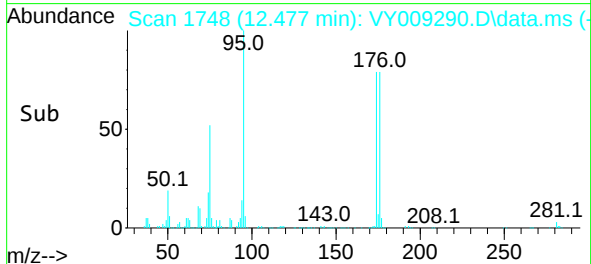
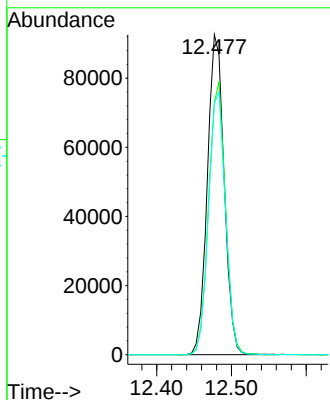
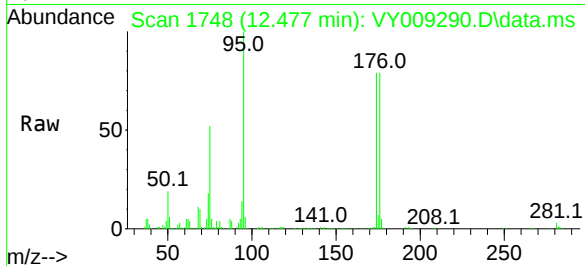




#62
4-Bromofluorobenzene
Concen: 45.284 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

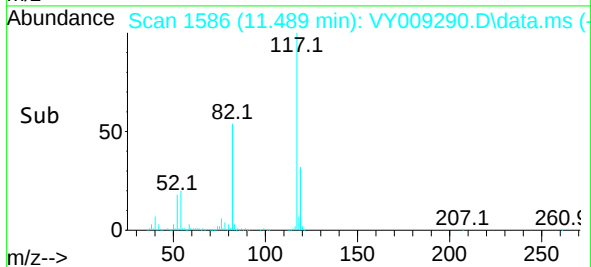
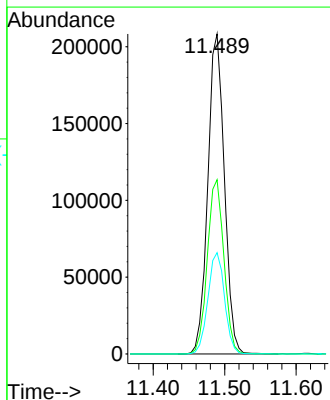
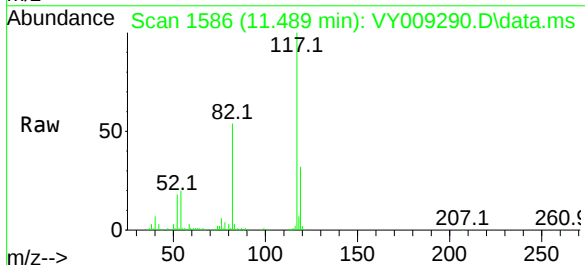
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

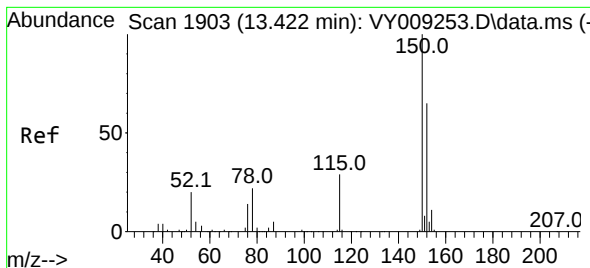
Tgt Ion: 95 Resp: 144204
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 117 Resp: 334802
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009290.D

Acq: 23 Jun 2022 13:15

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-17

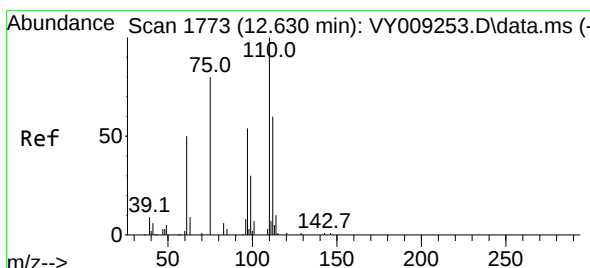
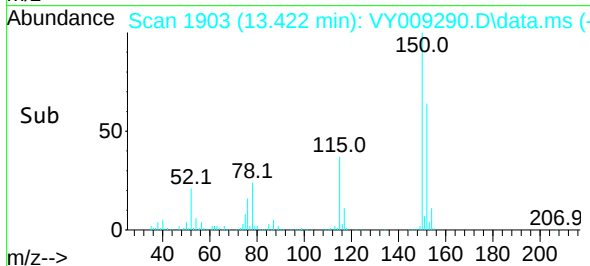
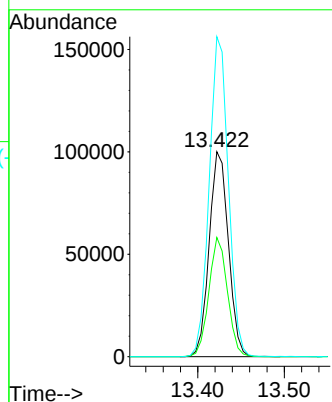
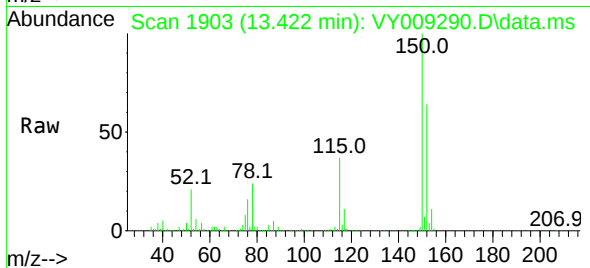
Tgt Ion:152 Resp: 154176

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 155.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.402 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009290.D

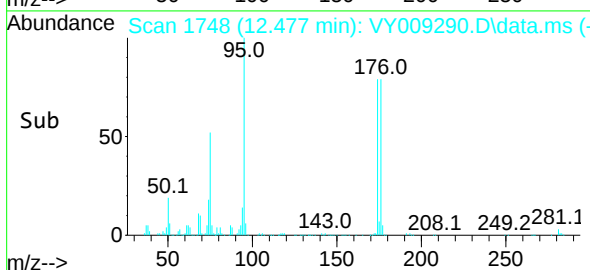
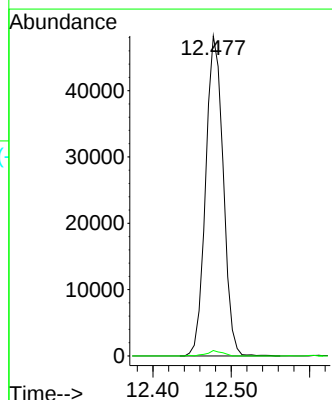
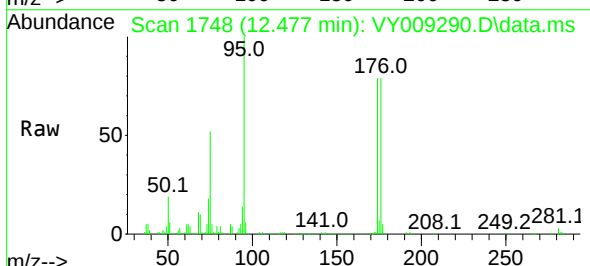
Acq: 23 Jun 2022 13:15

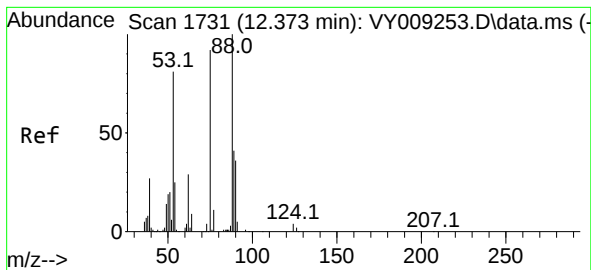
Tgt Ion: 75 Resp: 74837

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.786 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009290.D
 Acq: 23 Jun 2022 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-17

Tgt Ion: 75 Resp: 74837
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

