

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009289.D
 Acq On : 23 Jun 2022 12:51
 Operator : KP/MD
 Sample : N3450-01
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-16

Quant Time: Jun 24 09:22:16 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)

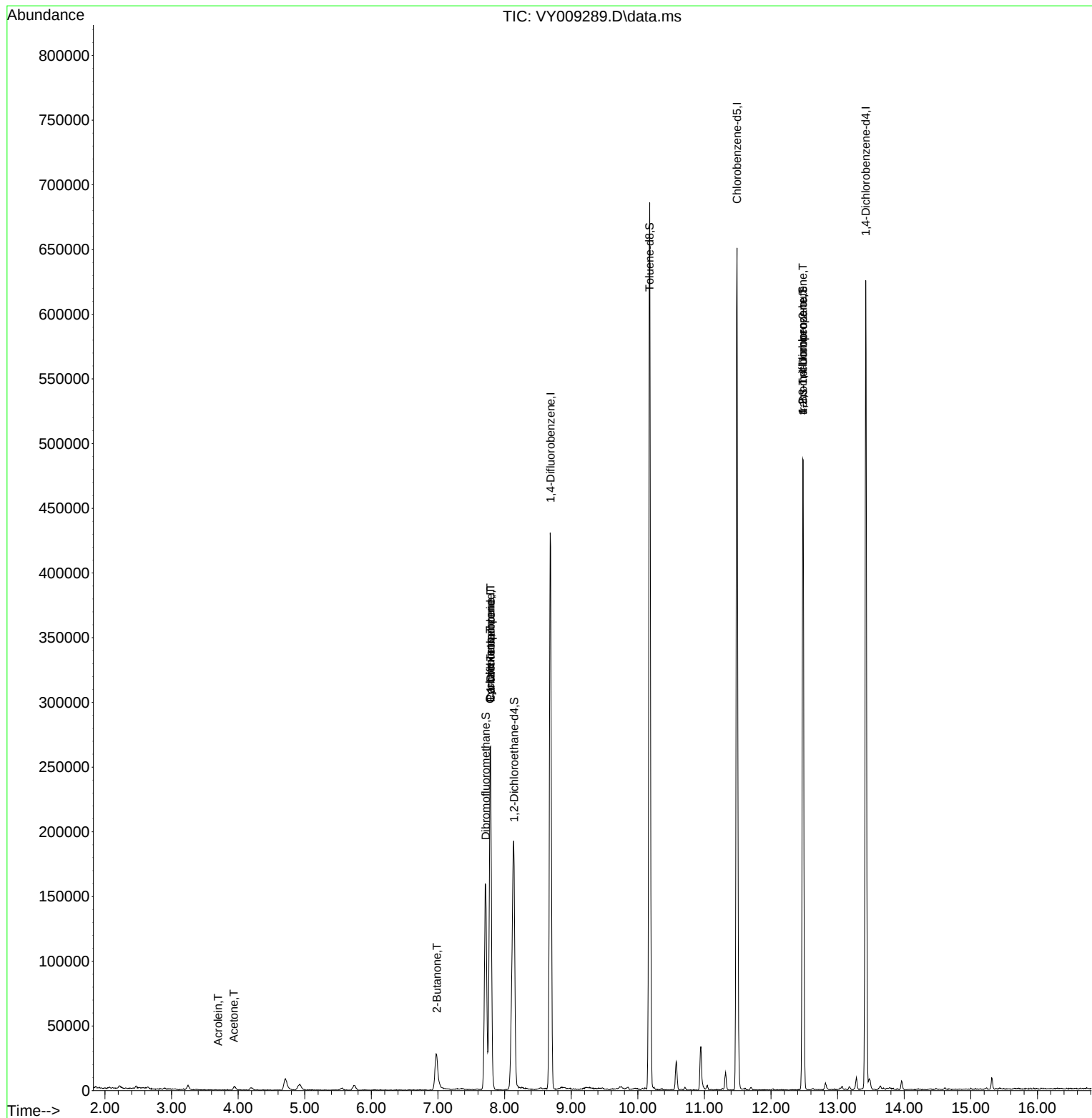
Internal Standards						
1) Pentafluorobenzene	7.789	168	214003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121627	51.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.500%			
35) Dibromofluoromethane	7.716	113	113205	46.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.820%			
50) Toluene-d8	10.179	98	440733	47.537	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.080%			
62) 4-Bromofluorobenzene	12.477	95	150755	46.274	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	4889	Below Cal	#	79
13) Acrolein	3.698	56	20	30.254	ug/l #	14
16) Acetone	3.936	43	4719	8.126	ug/l	94
18) Methyl Acetate	4.472	43	120	Below Cal	#	56
20) Methylene Chloride	4.716	84	6377	Below Cal		90
25) 2-Butanone	6.984	43	1988	2.120	ug/l #	81
31) Cyclohexane	7.783	56	4238	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17000	4.628	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19685	5.154	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	77240	41.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77240	88.416	ug/l #	7

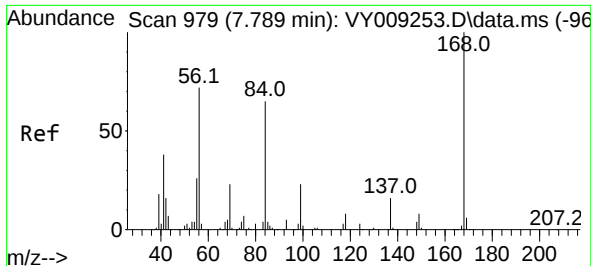
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
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PH1-BOT-16

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Quant Title : SW846 8260
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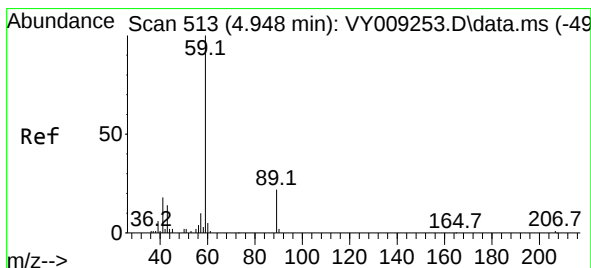
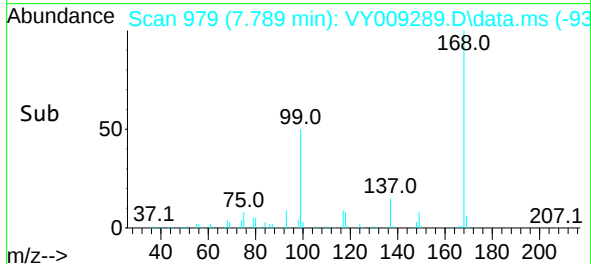
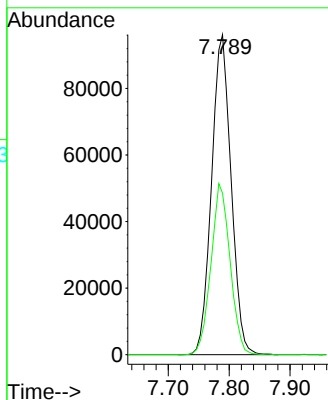
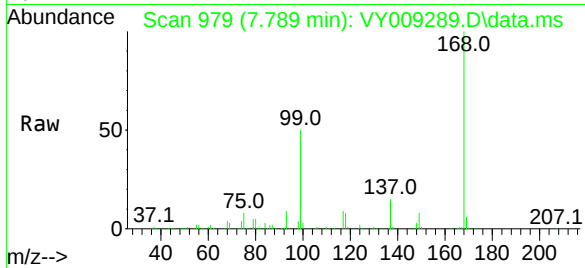




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

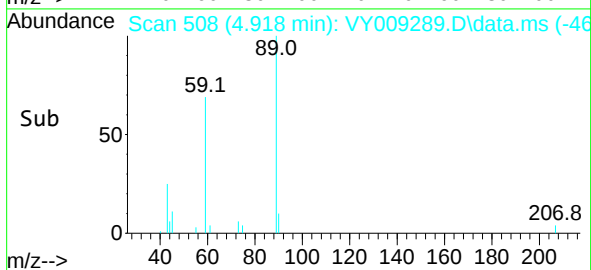
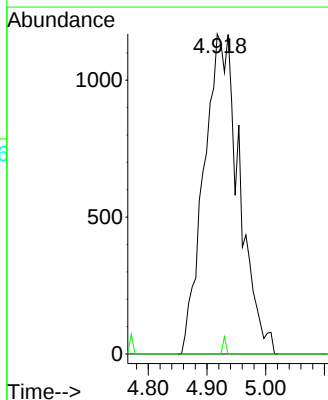
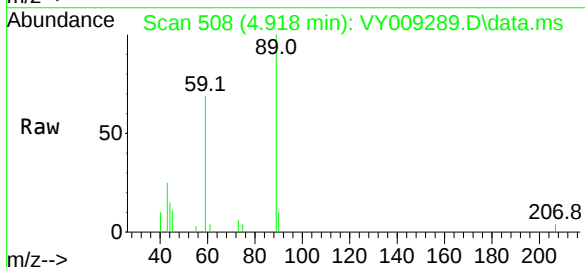
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

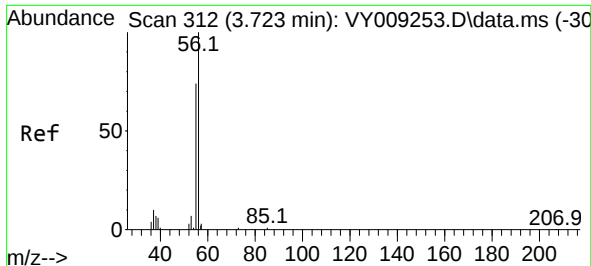
Tgt Ion:168 Resp: 214003
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 59 Resp: 4889
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#

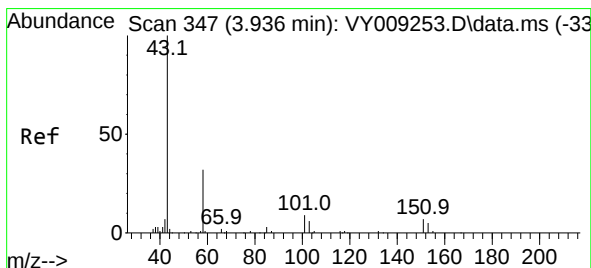
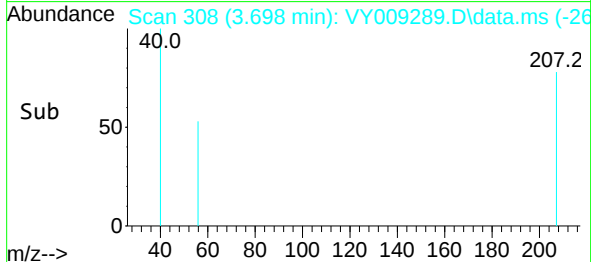
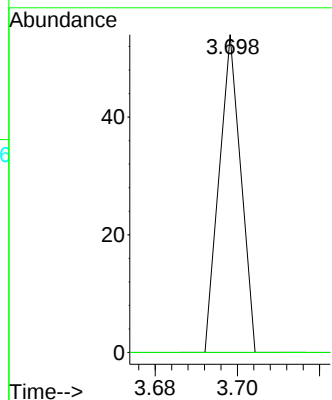
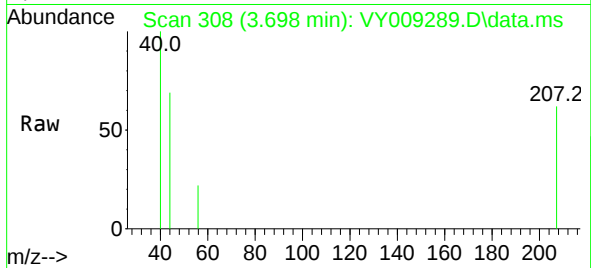




#13
Acrolein
Concen: 30.254 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.025 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

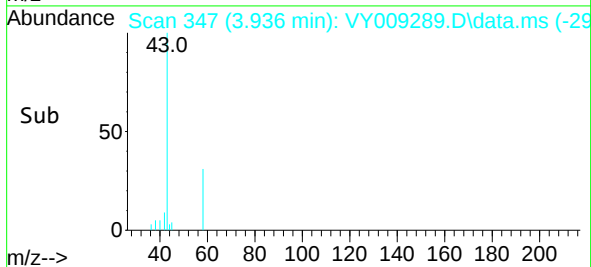
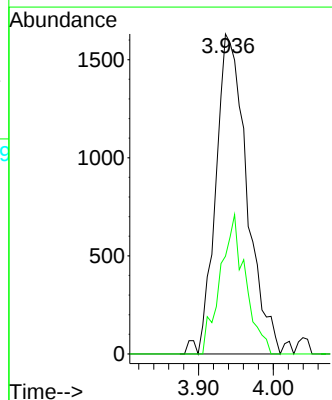
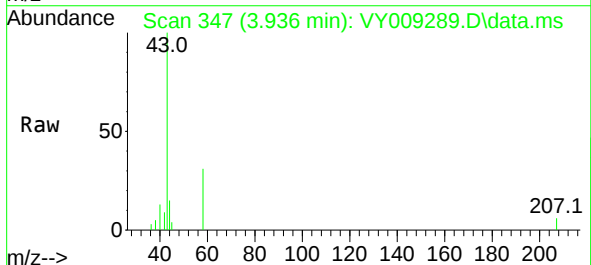
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

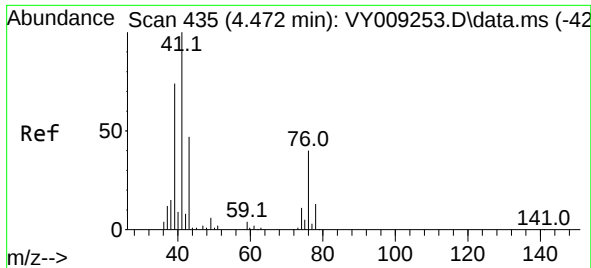
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 8.126 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 43 Resp: 4719
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

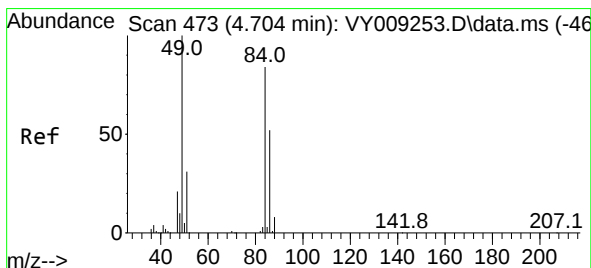
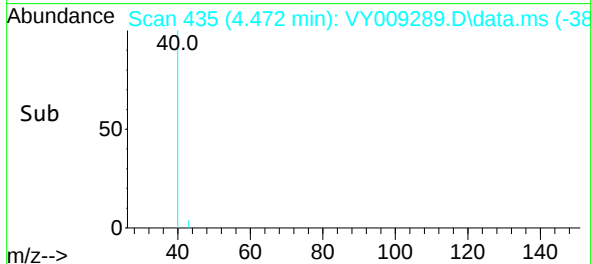
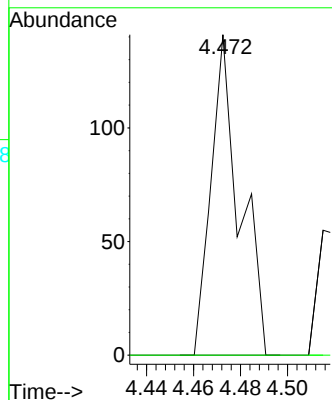
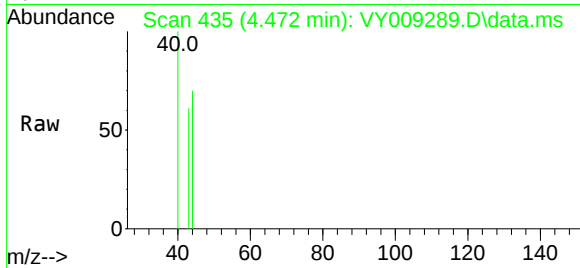




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 418
Delta R.T. 0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

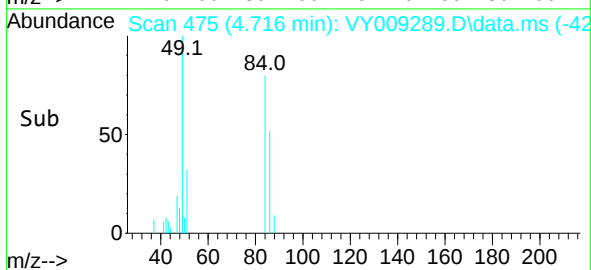
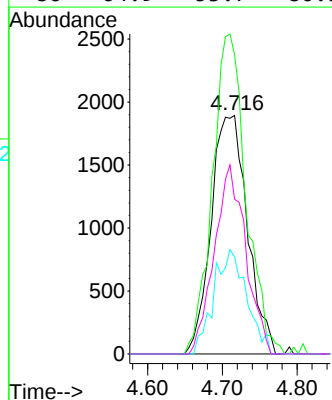
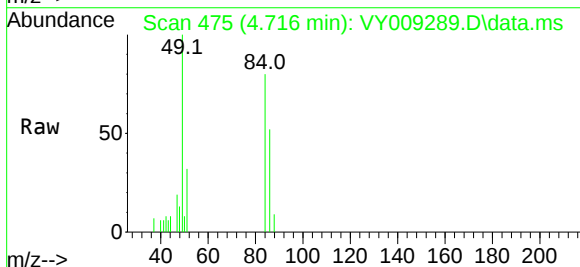
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

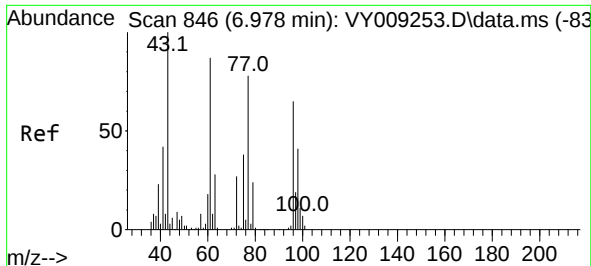
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 84 Resp: 6377
Ion Ratio Lower Upper
84 100
49 125.3 114.4 171.6
51 40.6 35.3 52.9
86 64.9 53.7 80.5

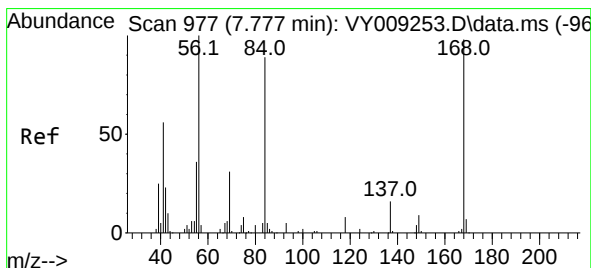
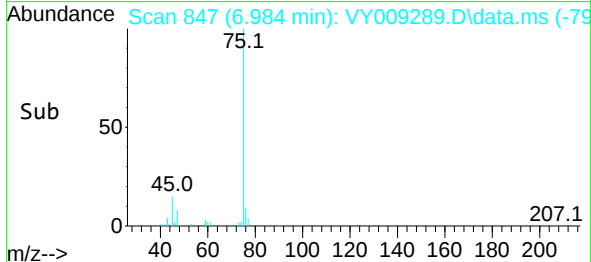
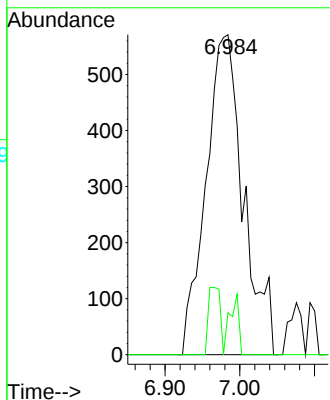
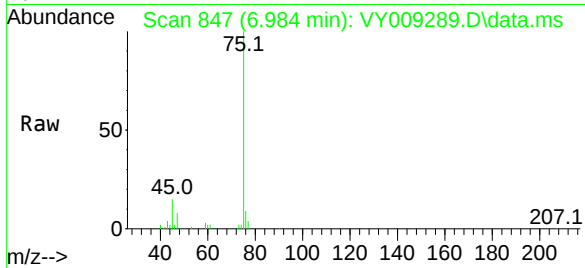




#25
2-Butanone
Concen: 2.120 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

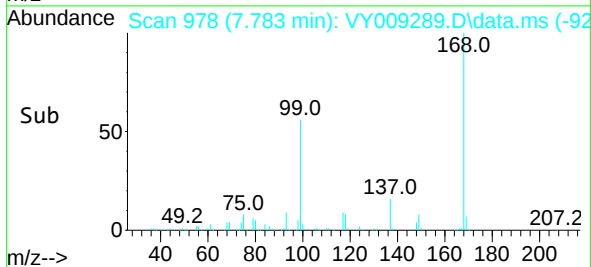
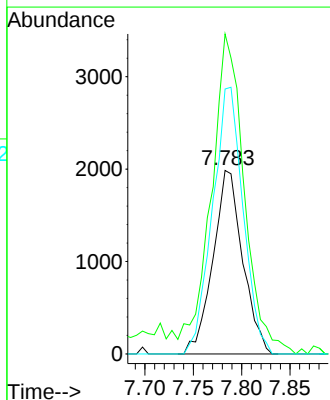
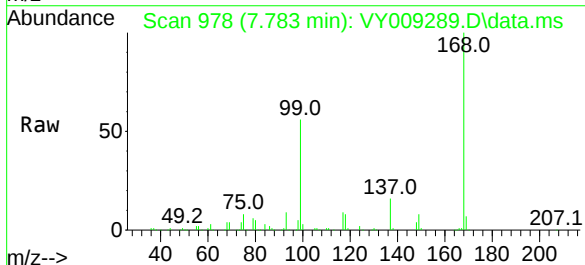
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

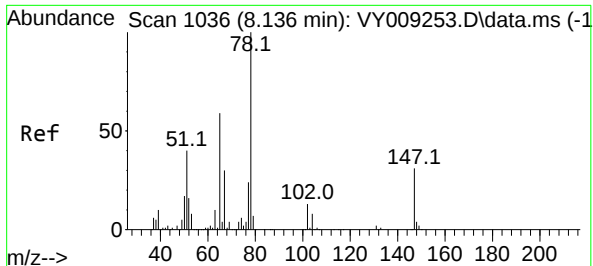
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
72 13.1 17.7 26.5#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 56 Resp: 4238
Ion Ratio Lower Upper
56 100
69 167.1 26.7 40.1#
84 144.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.749 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY009289.D

Acq: 23 Jun 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

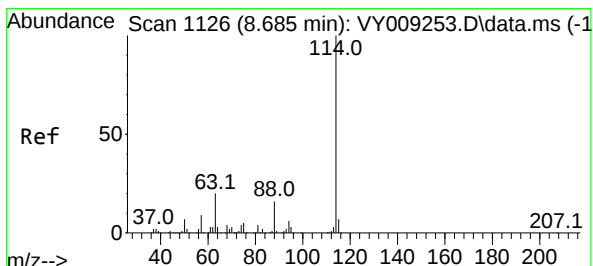
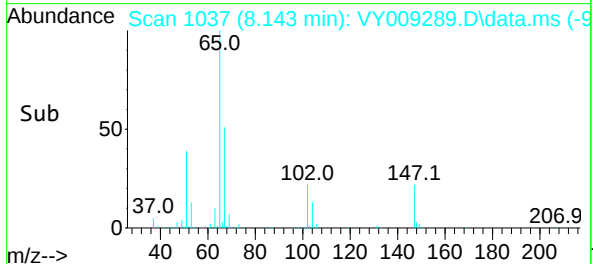
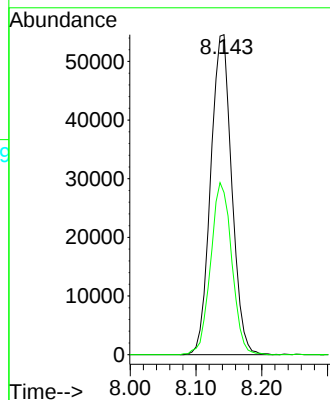
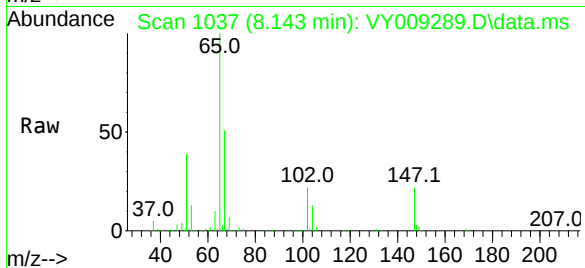
PH1-BOT-16

Tgt Ion: 65 Resp: 121627

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. 0.006 min

Lab File: VY009289.D

Acq: 23 Jun 2022 12:51

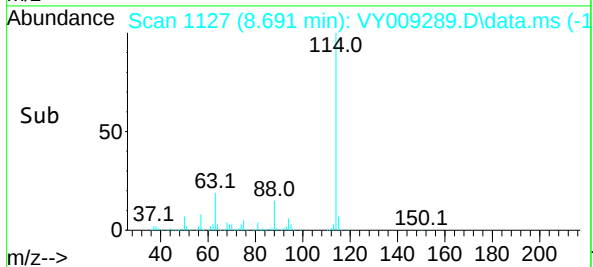
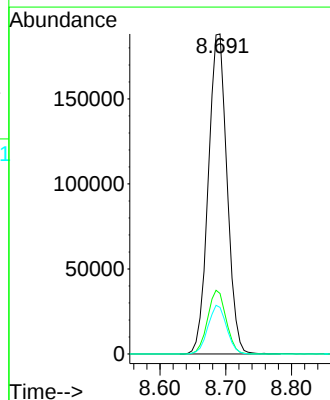
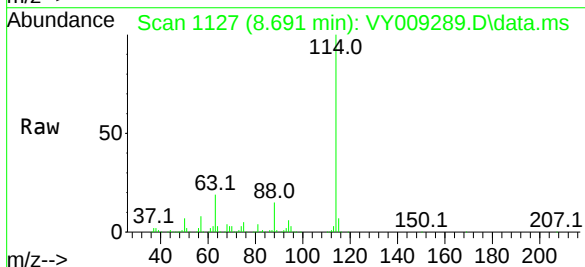
Tgt Ion: 114 Resp: 372668

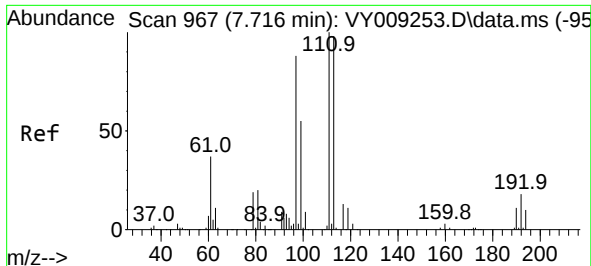
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8

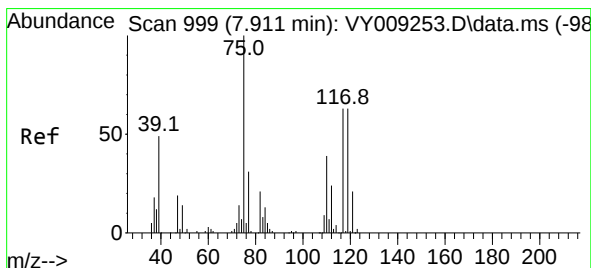
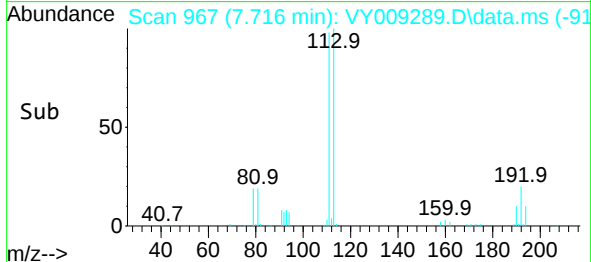
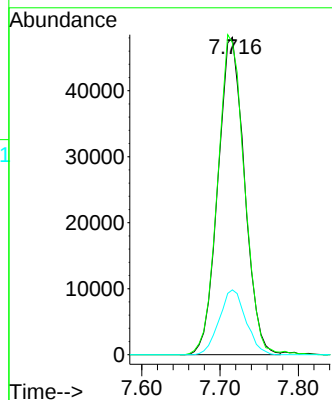
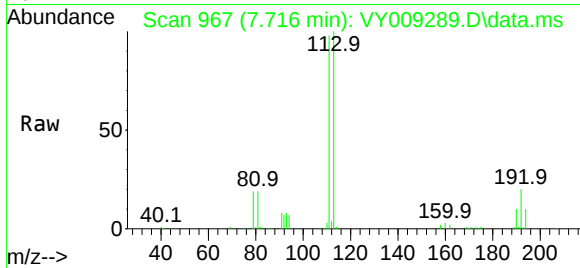




#35
Dibromofluoromethane
Concen: 46.905 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

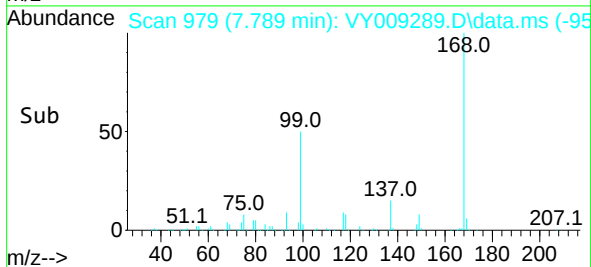
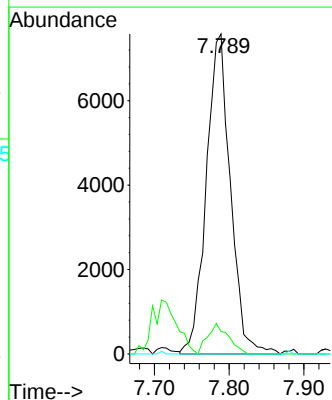
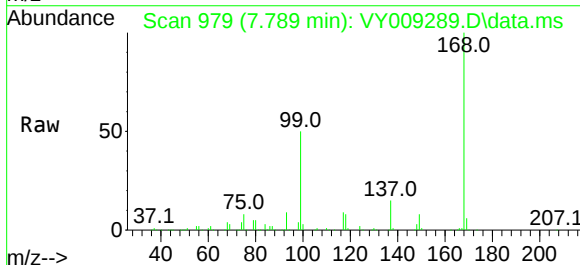
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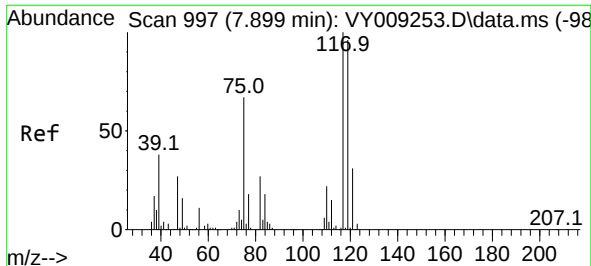
Tgt Ion:113 Resp: 113205
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 75 Resp: 17000
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

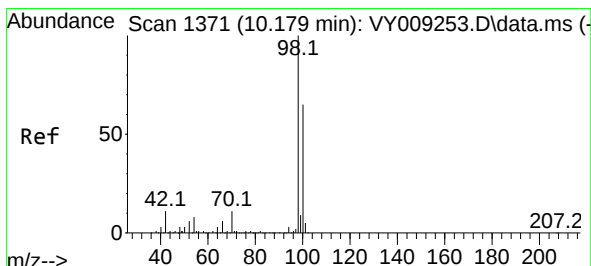
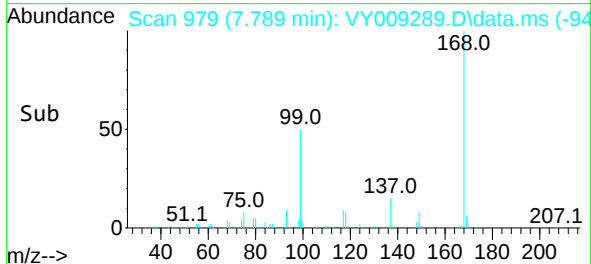
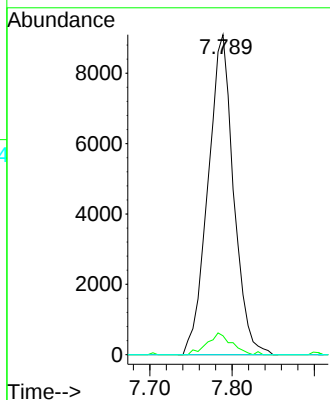
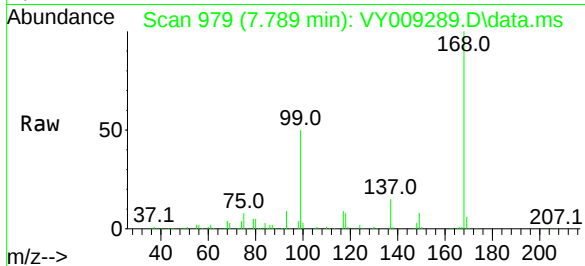




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

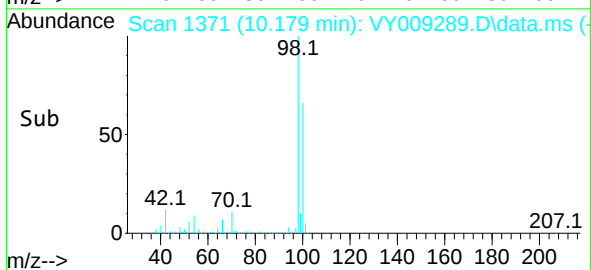
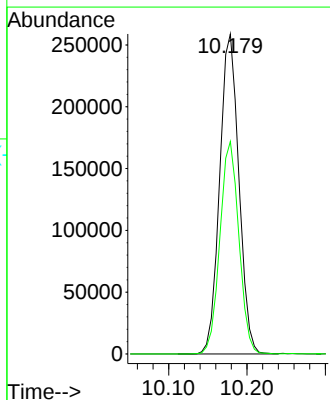
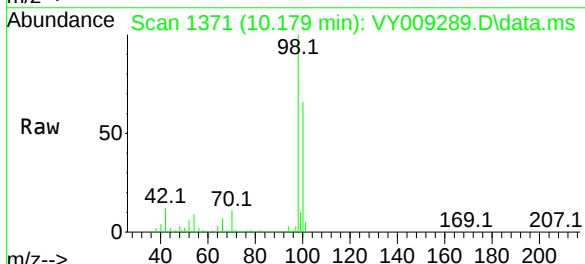
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

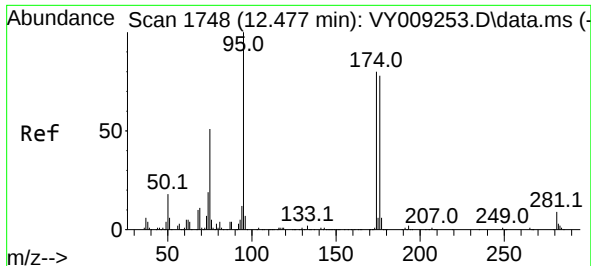
Tgt Ion:117 Resp: 19685
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.537 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 98 Resp: 440733
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

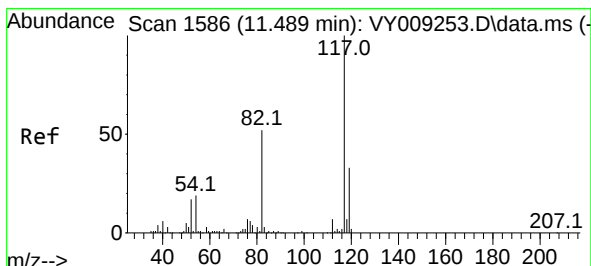
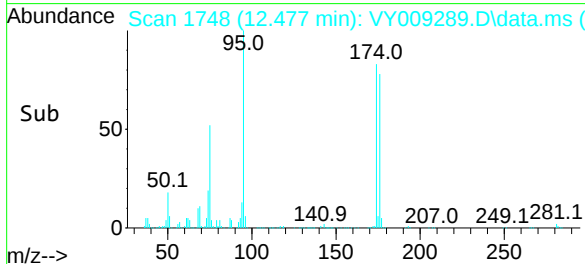
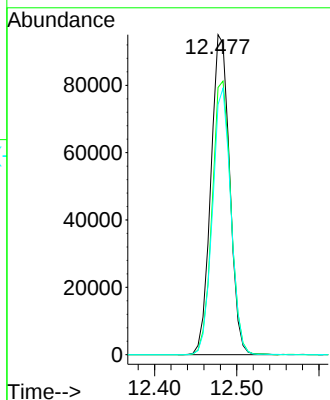
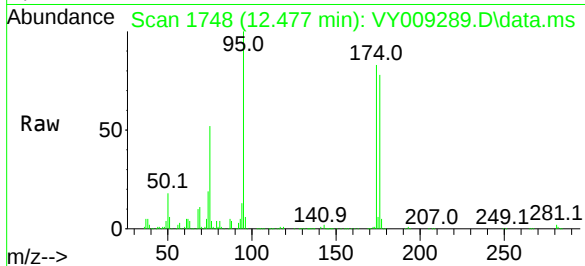




#62
4-Bromofluorobenzene
Concen: 46.274 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

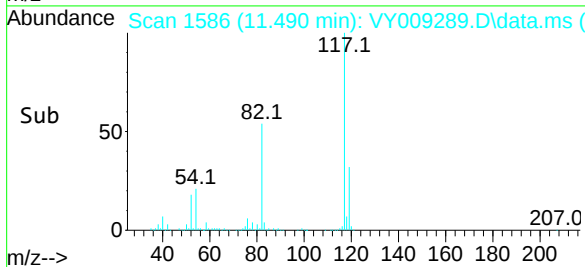
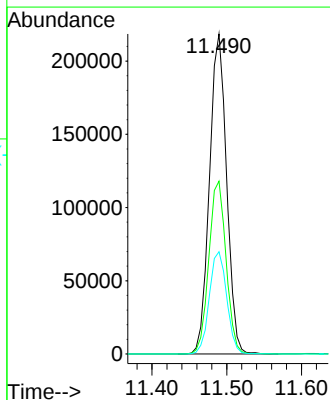
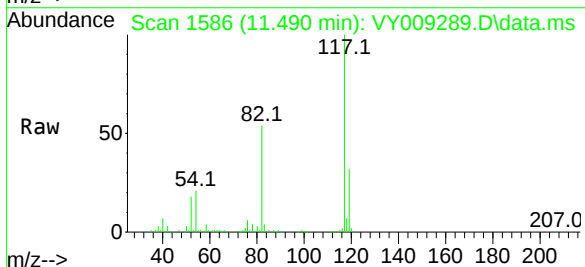
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

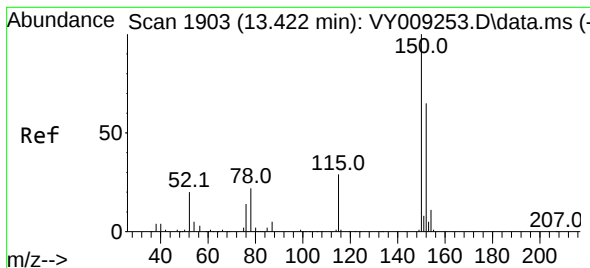
Tgt Ion: 95 Resp: 150755
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 117 Resp: 348701
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.9 25.4 38.0

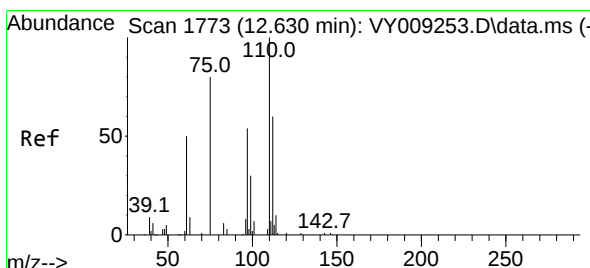
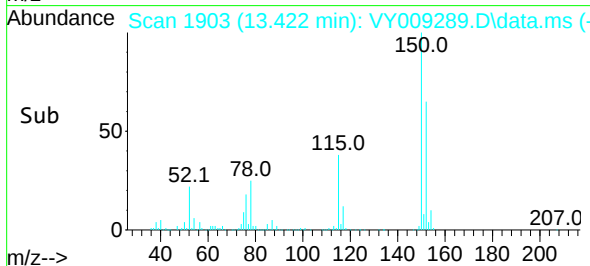
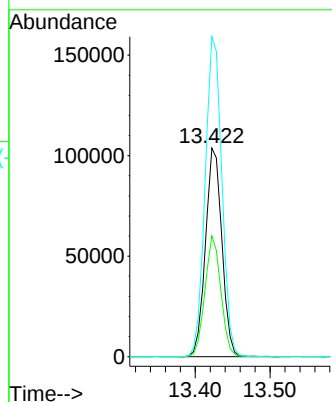
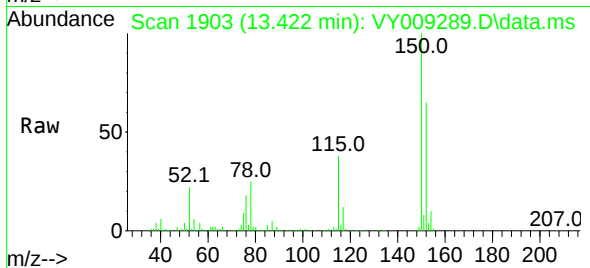




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009289.D
 Acq: 23 Jun 2022 12:51

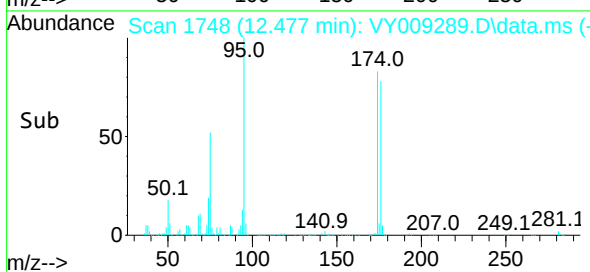
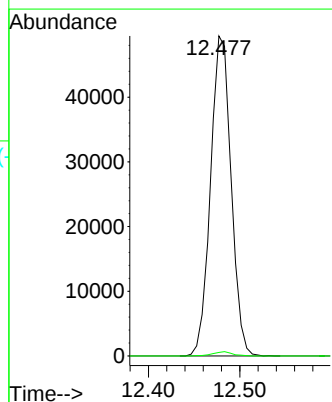
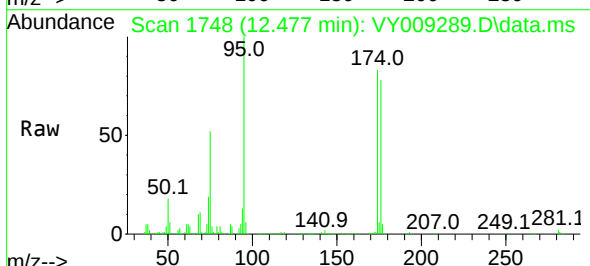
Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-16

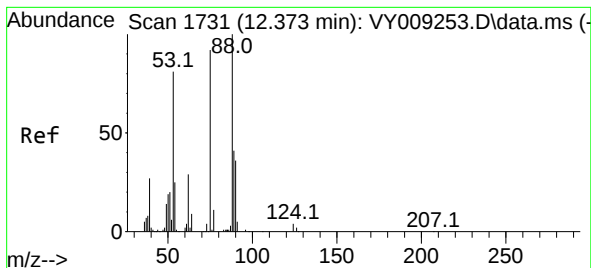
Tgt Ion:152 Resp: 157993
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 156.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.699 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009289.D
 Acq: 23 Jun 2022 12:51

Tgt Ion: 75 Resp: 77240
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.416 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009289.D
 Acq: 23 Jun 2022 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-16

Tgt Ion: 75 Resp: 77240
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

