

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009292.D
 Acq On : 23 Jun 2022 14:02
 Operator : KP/MD
 Sample : N3450-03
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-18

Quant Time: Jun 24 09:22:53 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)

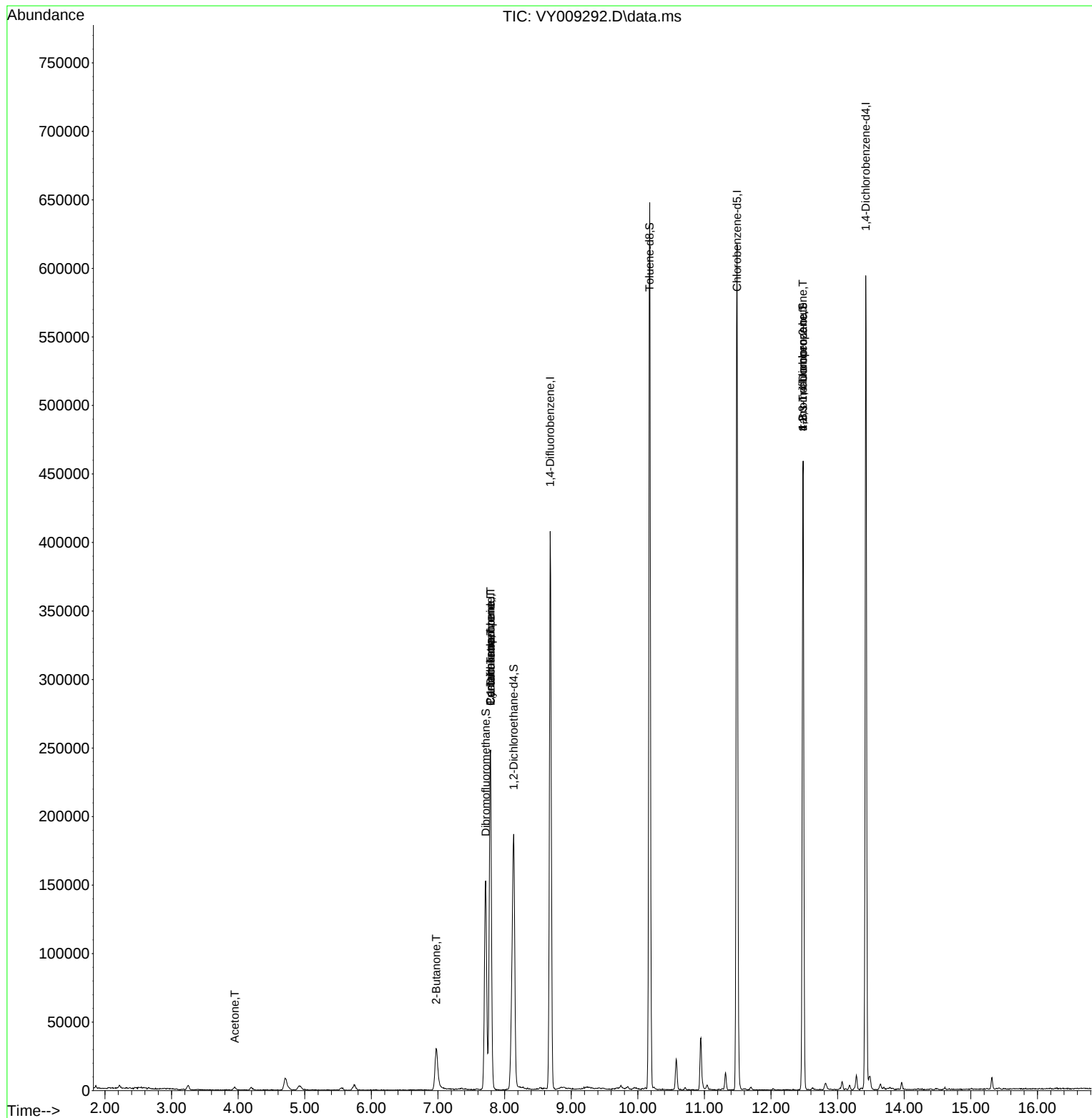
Internal Standards						
1) Pentafluorobenzene	7.789	168	199463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116752	53.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.600%	
35) Dibromofluoromethane	7.716	113	105751	47.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.640%	
50) Toluene-d8	10.179	98	414157	48.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.480%	
62) 4-Bromofluorobenzene	12.477	95	139460	46.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3538	Below Cal	#	77
16) Acetone	3.948	43	3556	6.570	ug/l #	75
18) Methyl Acetate	4.491	43	20	Below Cal	#	1
20) Methylene Chloride	4.716	84	5959	Below Cal	#	76
25) 2-Butanone	6.972	43	966	1.105	ug/l #	88
31) Cyclohexane	7.789	56	4068	1.070	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	15068	4.430	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18681	5.282	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	70499	40.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70499	85.672	ug/l #	7

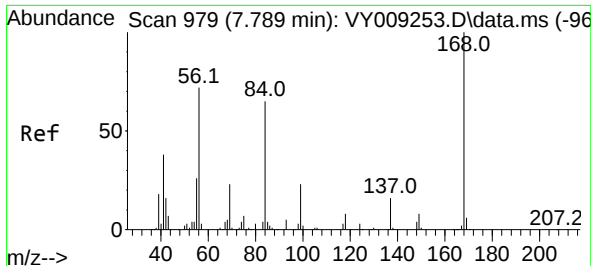
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
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Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
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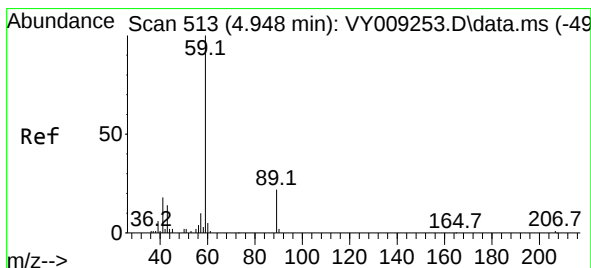
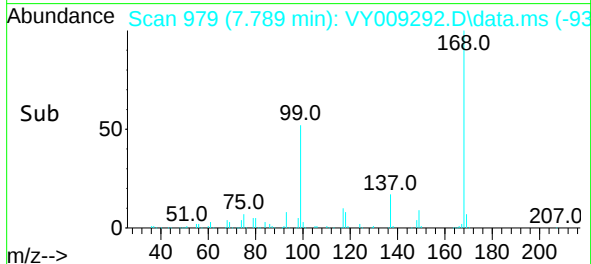
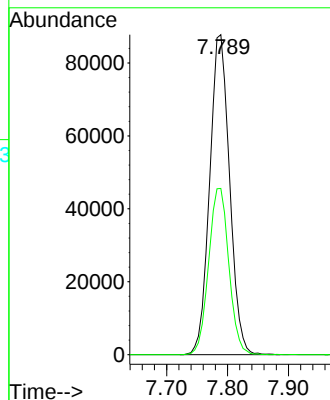
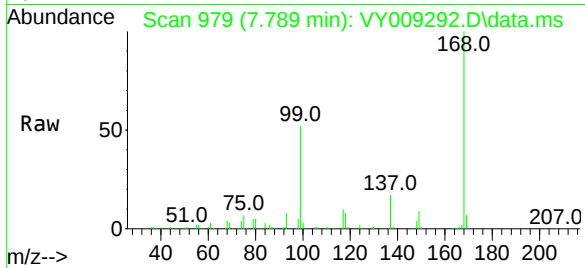




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

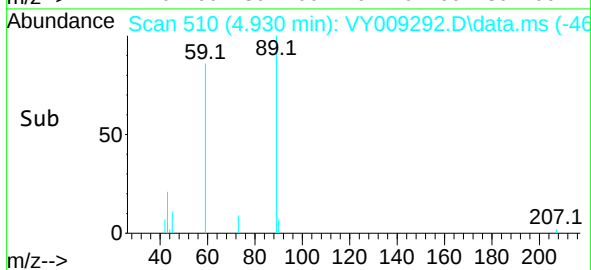
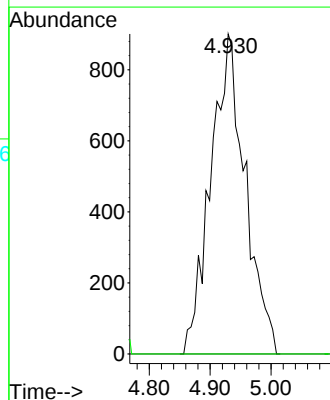
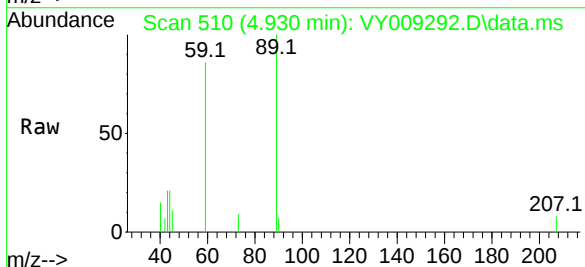
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-18

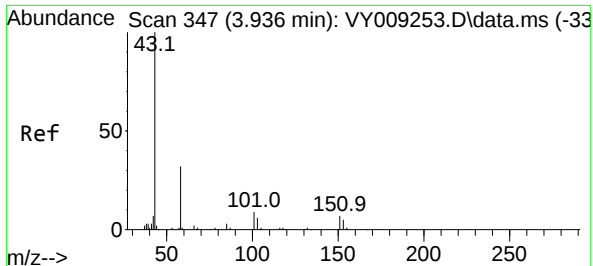
Tgt Ion:168 Resp: 199463
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 59 Resp: 3538
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

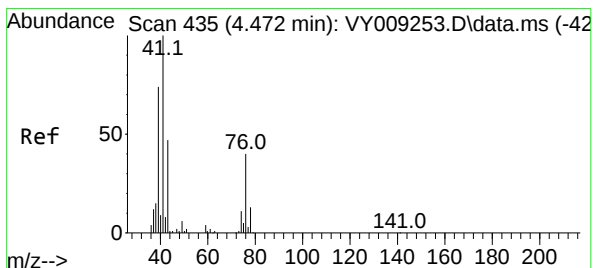
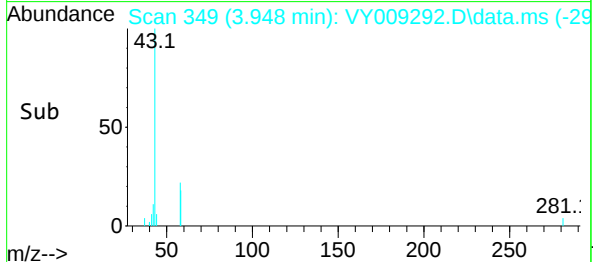
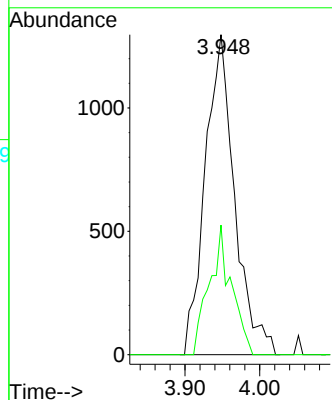
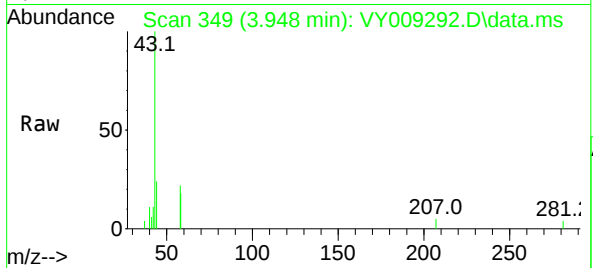




#16
Acetone
Concen: 6.570 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

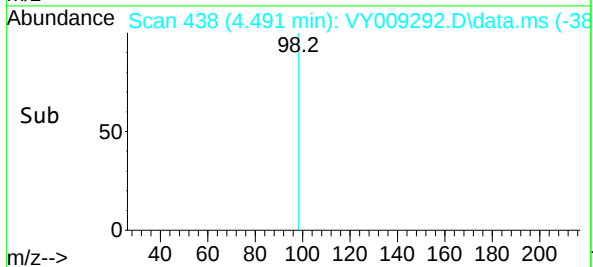
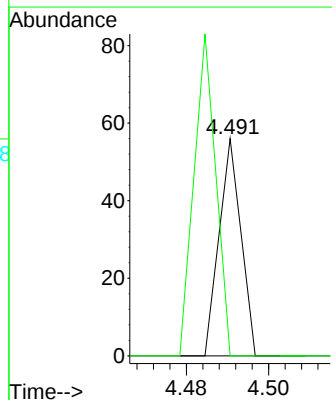
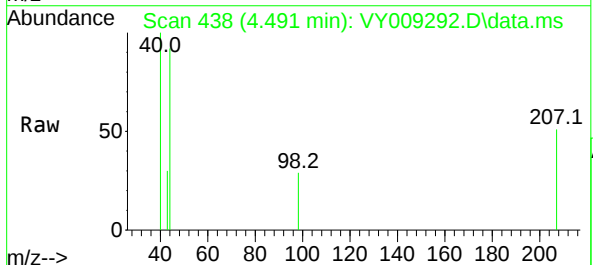
Instrument :
MSVOA_Y
ClientSampleId :
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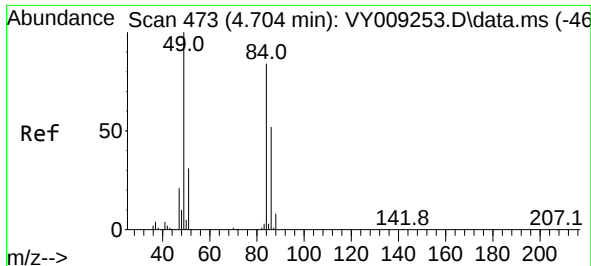
Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 40.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 150.0 16.6 24.8#

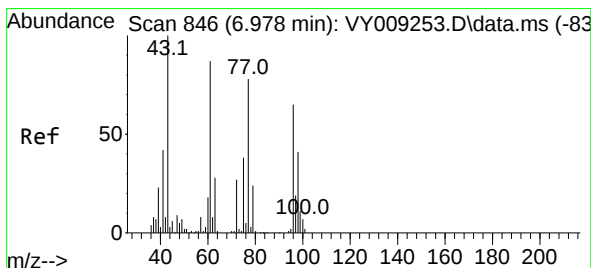
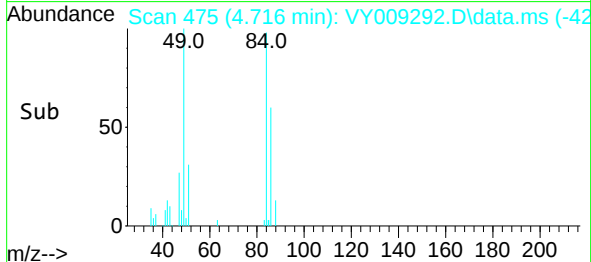
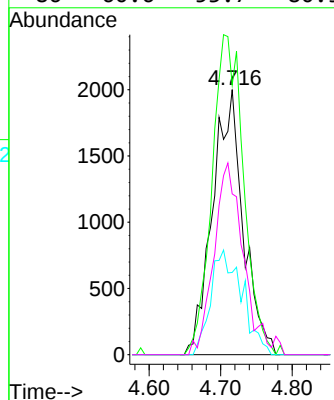
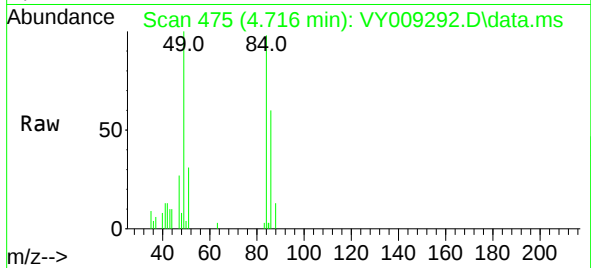




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

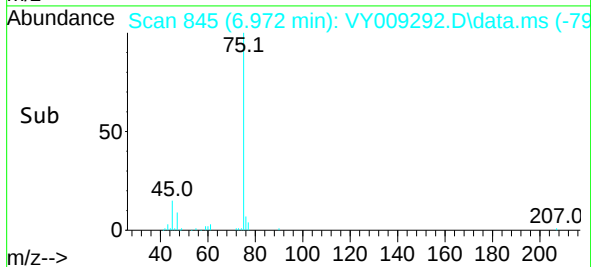
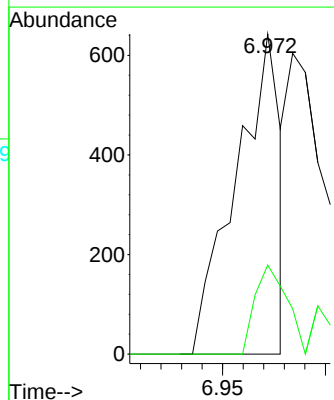
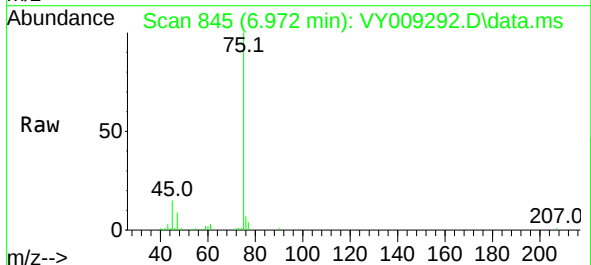
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-18

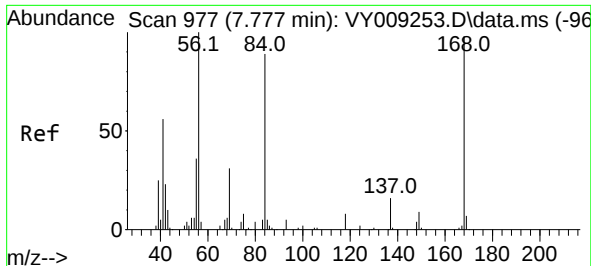
Tgt Ion: 84 Resp: 5959
Ion Ratio Lower Upper
84 100
49 101.6 114.4 171.6#
51 31.0 35.3 52.9#
86 60.6 53.7 80.5



#25
2-Butanone
Concen: 1.105 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5#

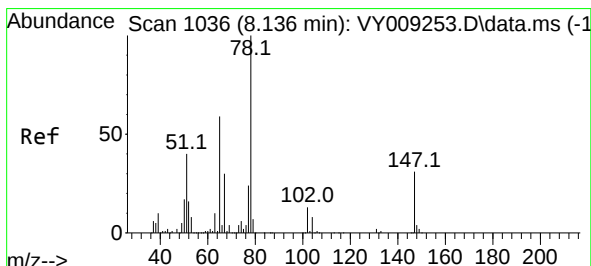
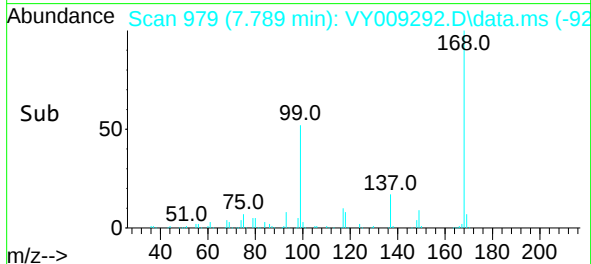
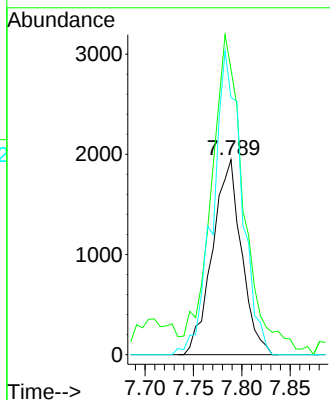
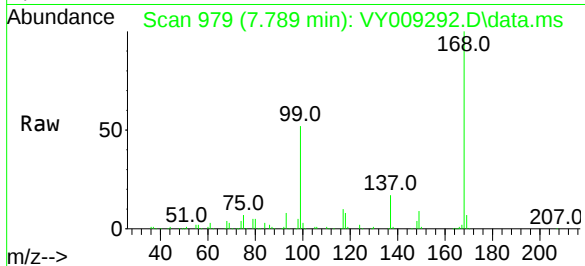




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

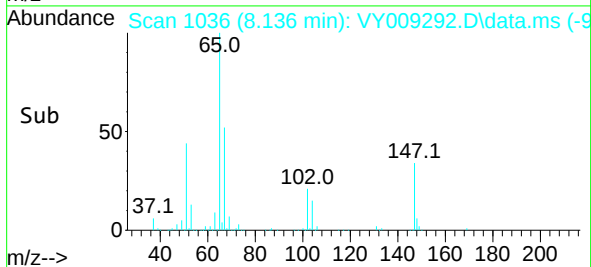
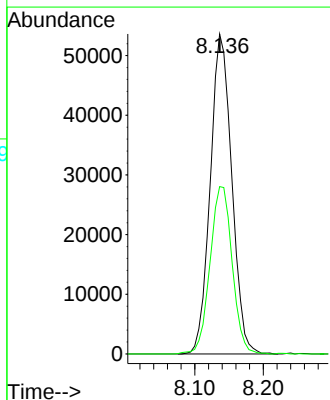
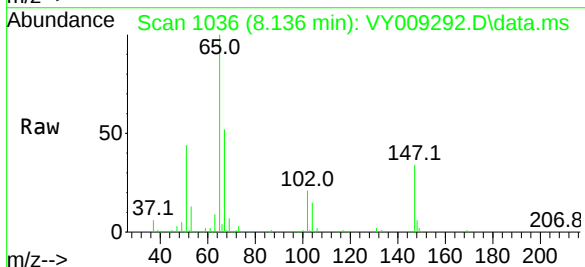
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-18

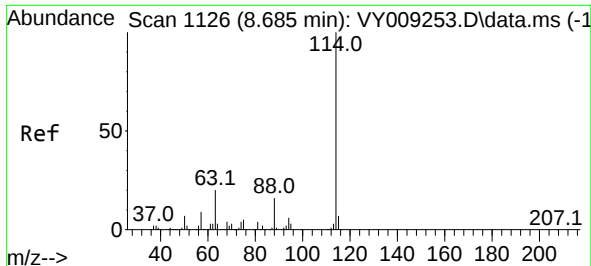
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 137.1 26.7 40.1#
84 131.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.296 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 65 Resp: 116752
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4

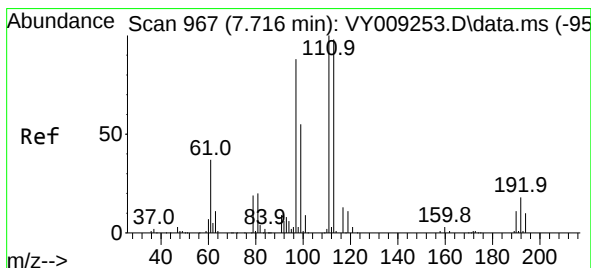
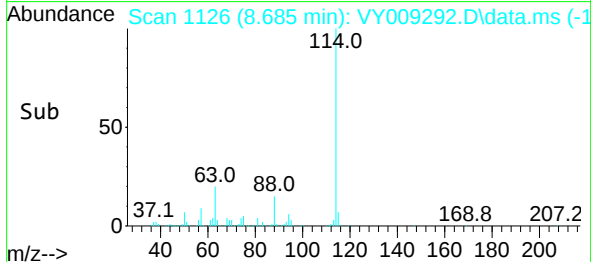
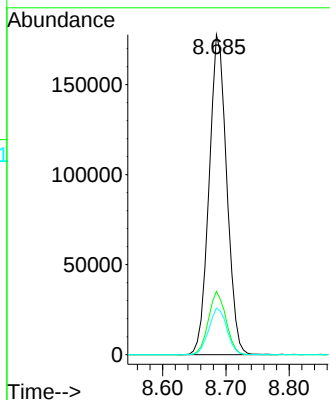
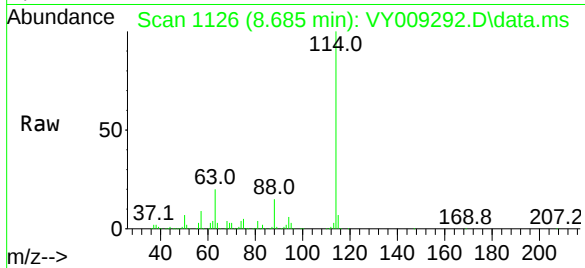




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

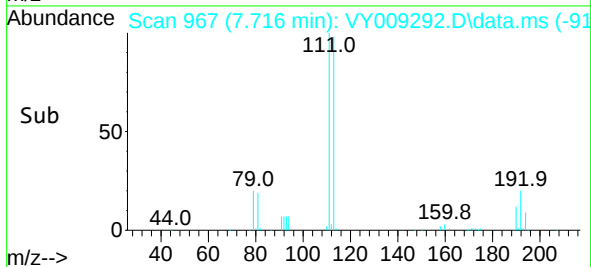
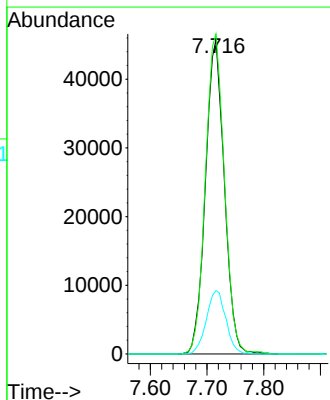
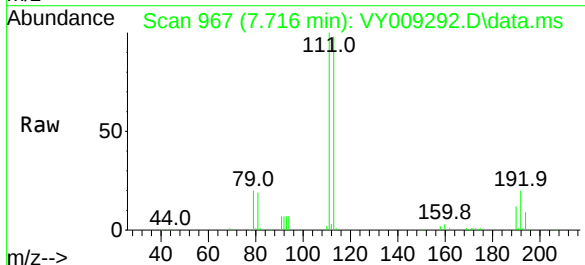
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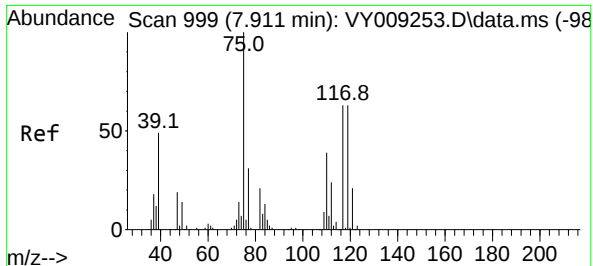
Tgt Ion:114 Resp: 345091
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.318 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion:113 Resp: 105751
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.8 17.6 26.4

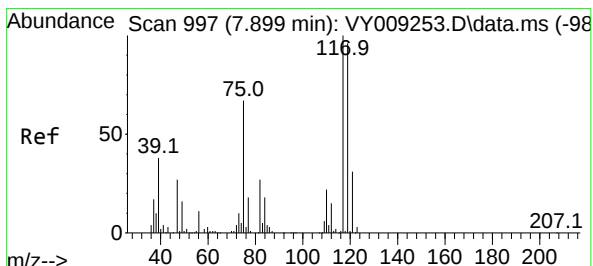
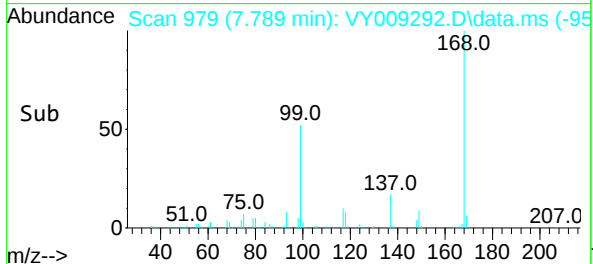
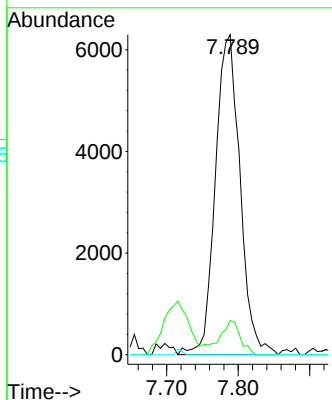
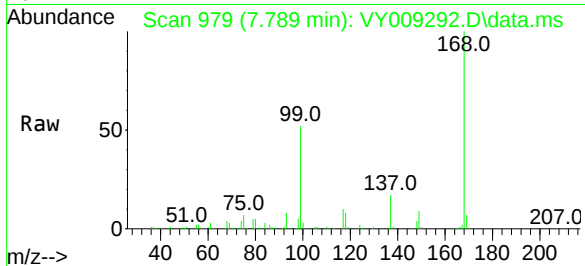




#36
 1,1-Dichloropropene
 Concen: 4.430 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009292.D
 Acq: 23 Jun 2022 14:02

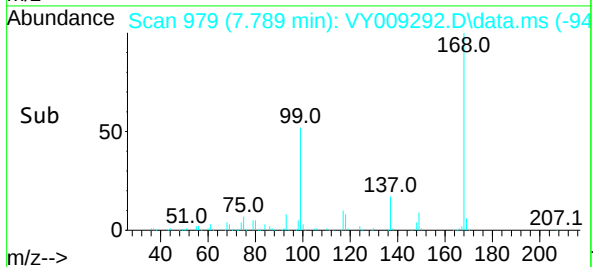
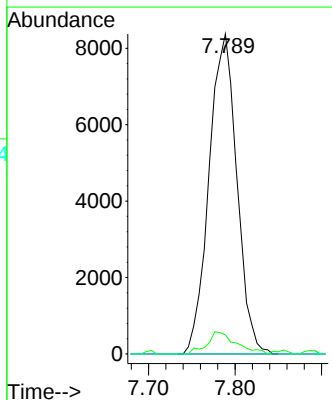
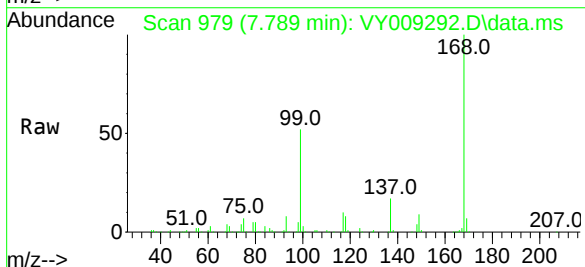
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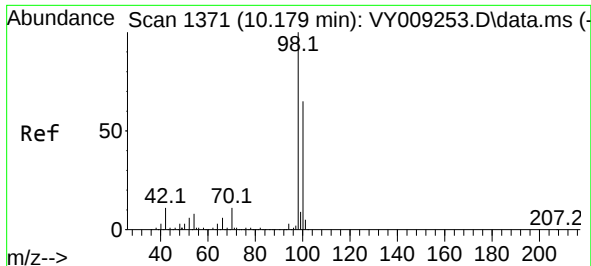
Tgt Ion: 75 Resp: 15068
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.282 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009292.D
 Acq: 23 Jun 2022 14:02

Tgt Ion: 117 Resp: 18681
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.9 116.9#
 121 0.0 24.8 37.2#

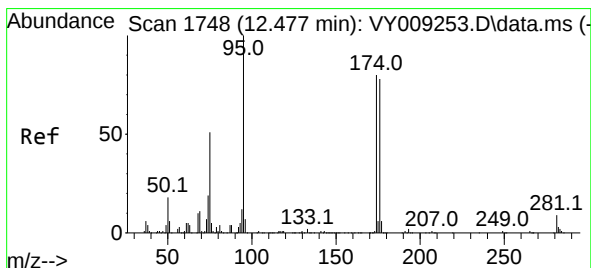
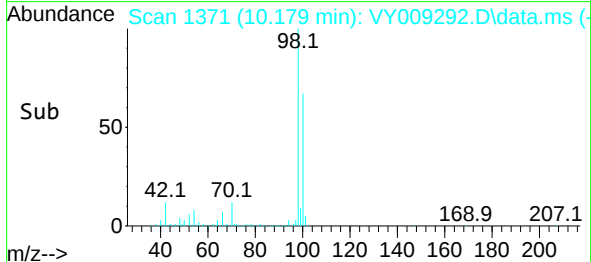
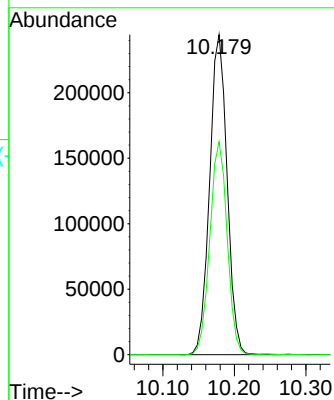
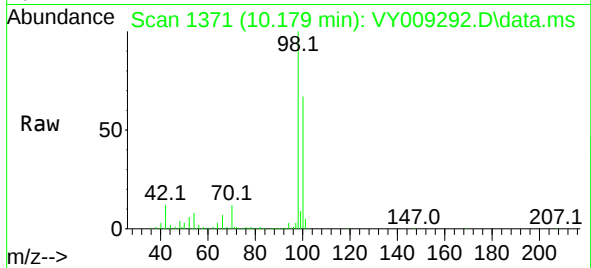




#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

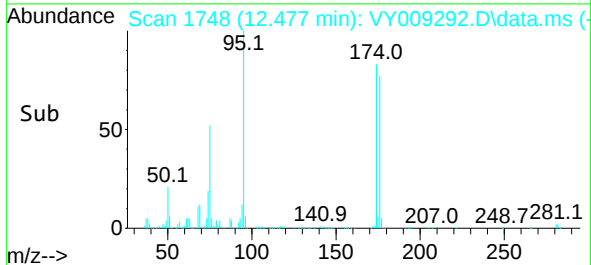
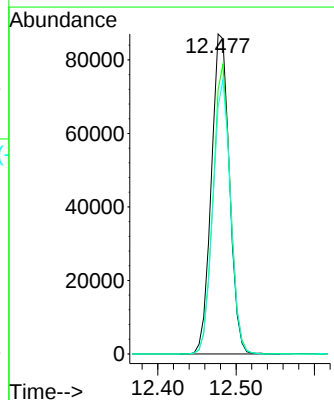
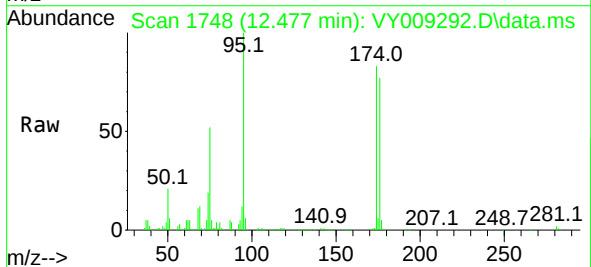
Instrument :
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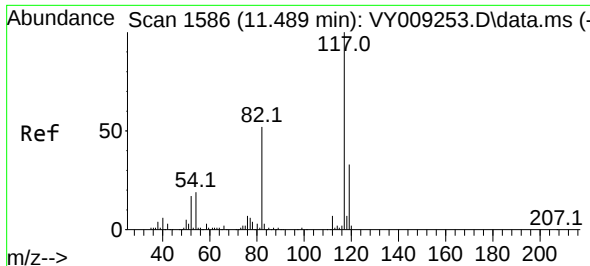
Tgt Ion: 98 Resp: 414157
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 95 Resp: 139460
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 83.4 0.0 175.8

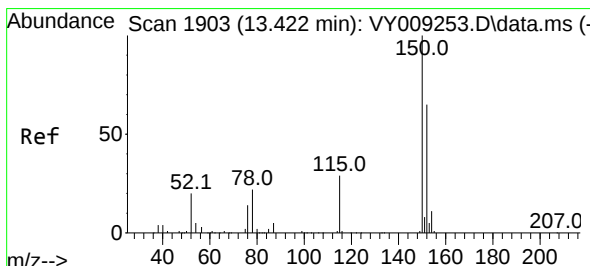
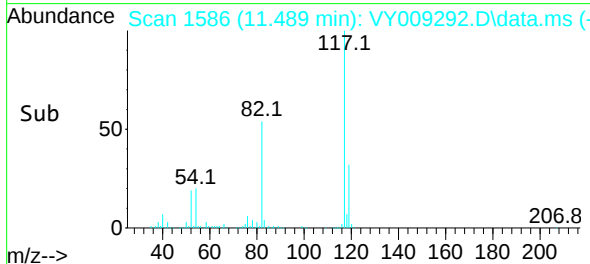
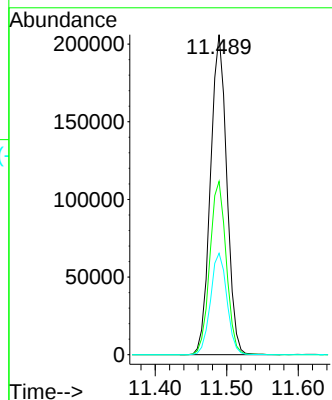
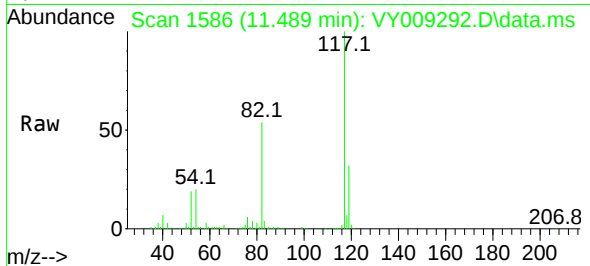




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

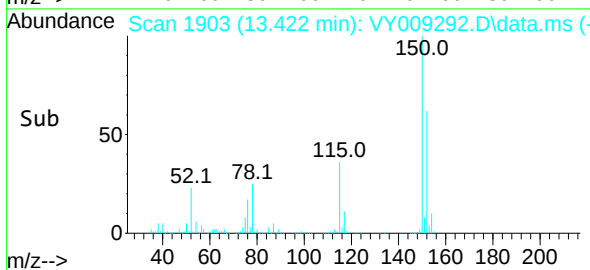
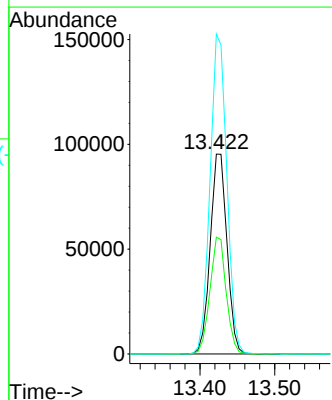
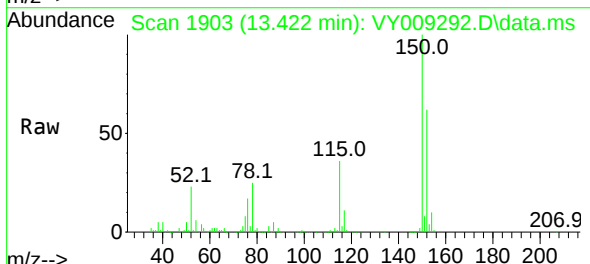
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-18

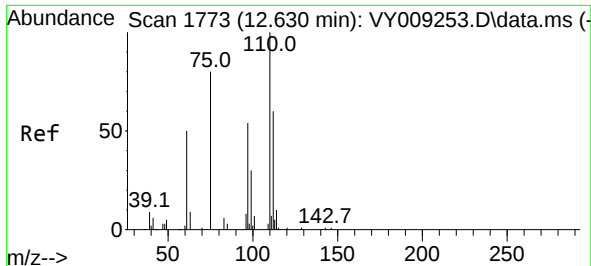
Tgt Ion:117 Resp: 326476
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion:152 Resp: 148823
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 159.3 0.0 347.6

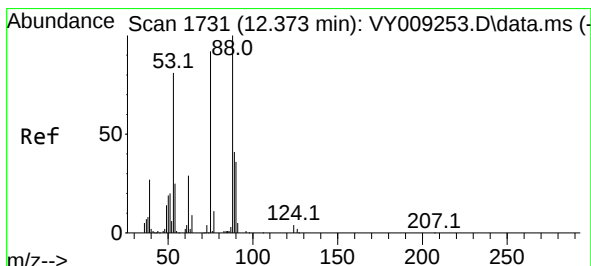
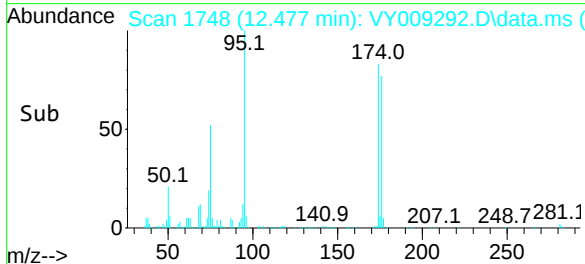
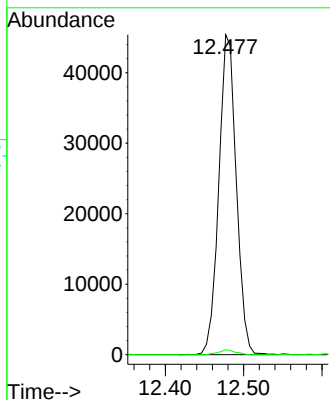
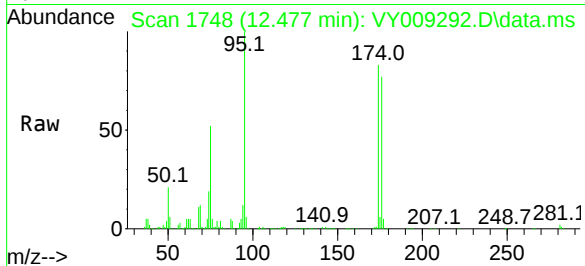




#76
1,2,3-Trichloropropane
Concen: 40.405 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-18

Tgt Ion: 75 Resp: 70499
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009292.D
Acq: 23 Jun 2022 14:02

Tgt Ion: 75 Resp: 70499
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

