

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010655.D
 Acq On : 23 Sep 2022 17:43
 Operator : KP/MD
 Sample : N4724-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10.5-11.0

Quant Time: Sep 24 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

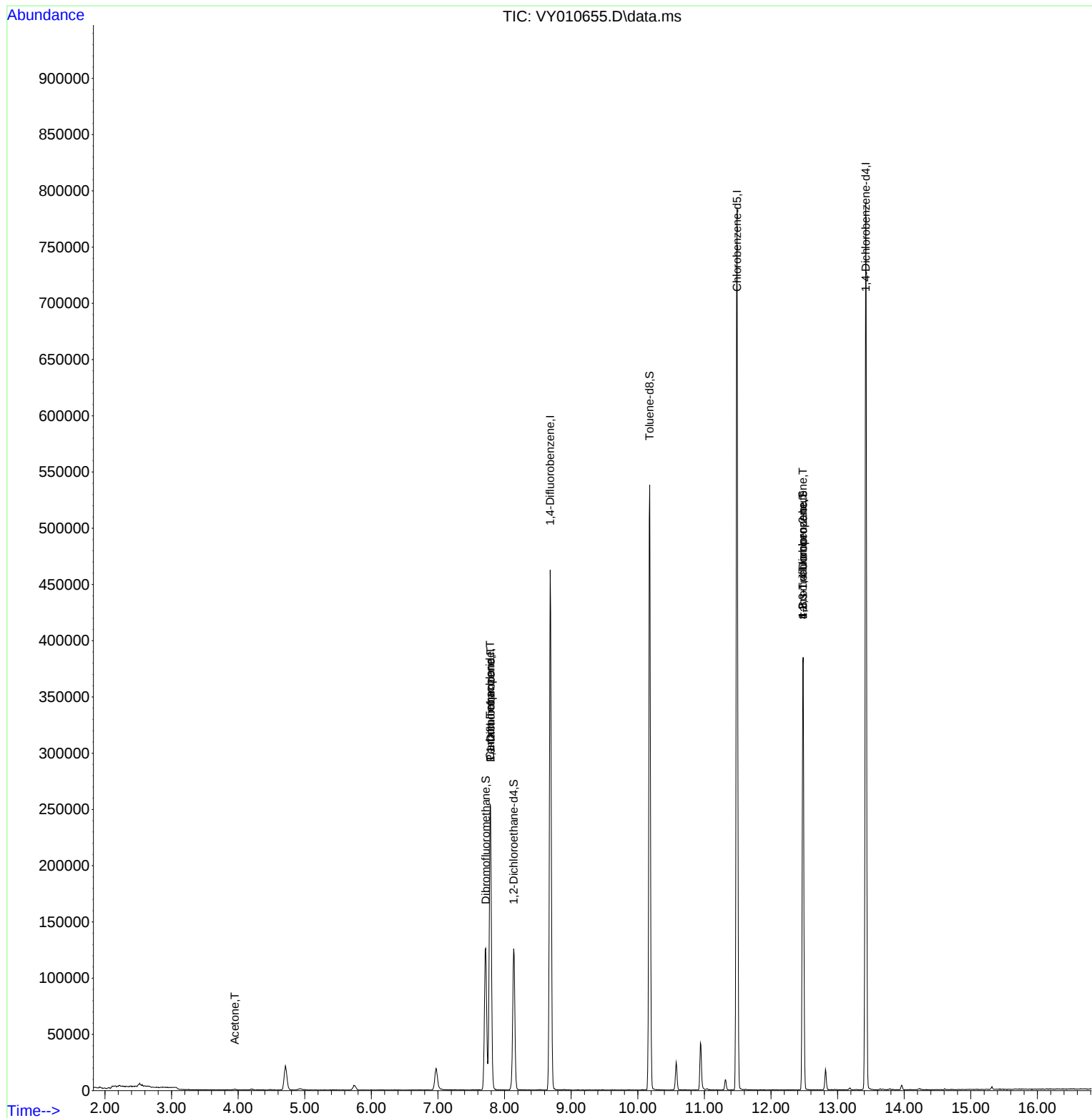
Internal Standards						
1) Pentafluorobenzene	7.789	168	198870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	414109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96296	50.625	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.716	113	89460	35.849	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 71.700%			
50) Toluene-d8	10.179	98	347603	38.459	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 76.920%			
62) 4-Bromofluorobenzene	12.477	95	115005	32.663	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.320%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	433	Below Cal		96
5) Bromomethane	2.656	94	117	Below Cal	#	76
11) Tert butyl alcohol	4.936	59	1521	Below Cal	#	77
16) Acetone	3.948	43	1267	3.266 ug/l	#	82
18) Methyl Acetate	4.473	43	697	Below Cal	#	74
20) Methylene Chloride	4.710	84	15916	Below Cal	#	79
31) Cyclohexane	7.783	56	4021	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	15678	5.639 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	20264	6.338 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	60201	31.463 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60201	69.956 ug/l	#	7

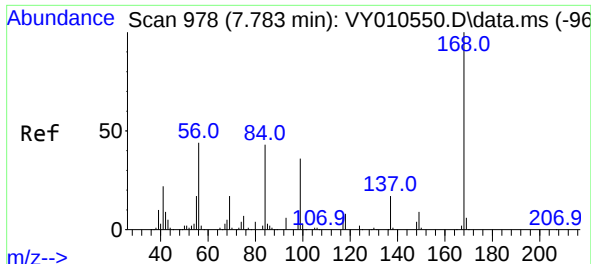
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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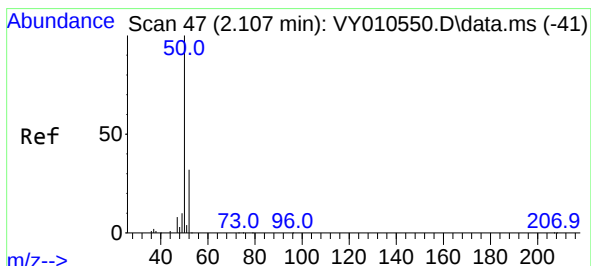
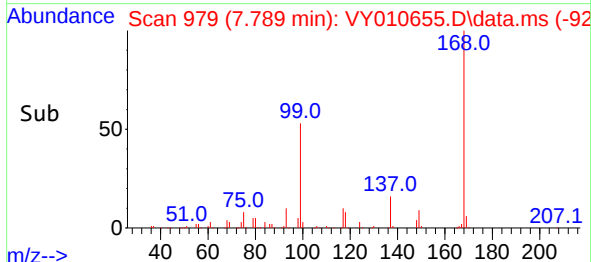
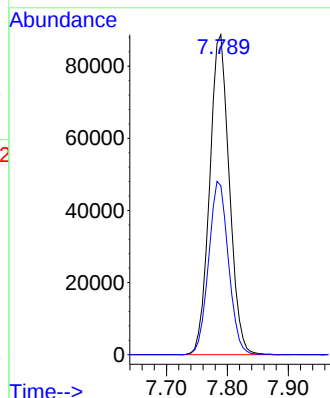
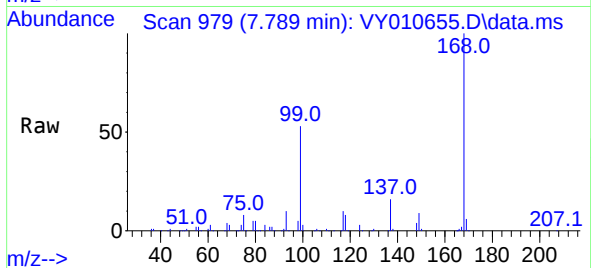




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

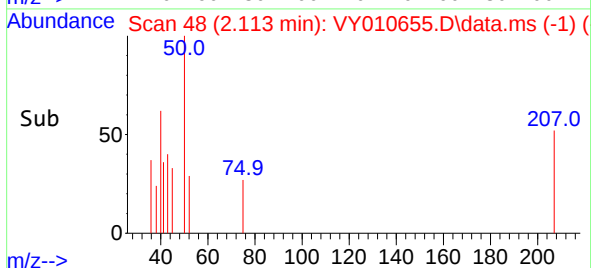
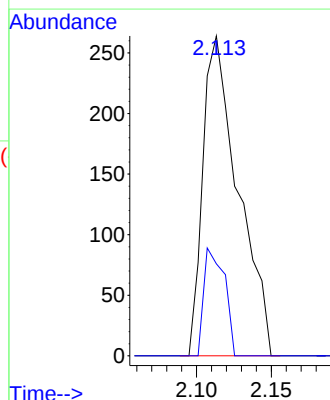
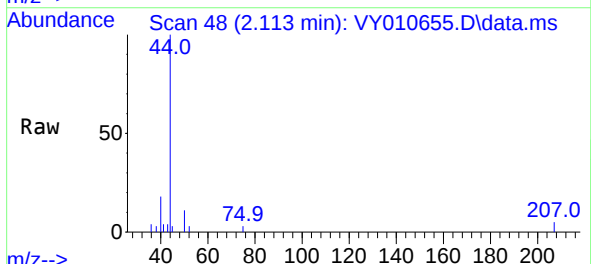
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

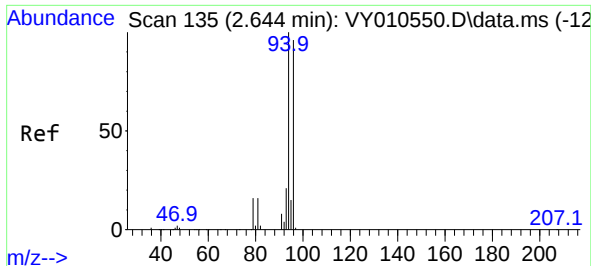
Tgt Ion:168 Resp: 198870
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 28.8 24.6 37.0

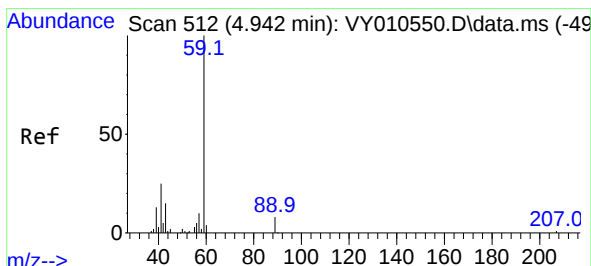
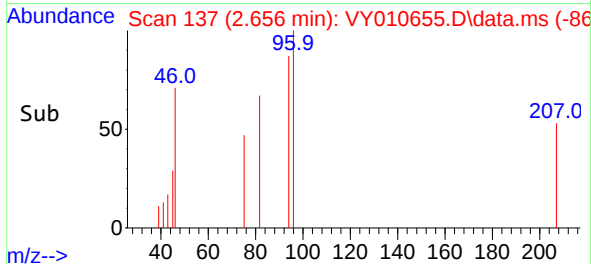
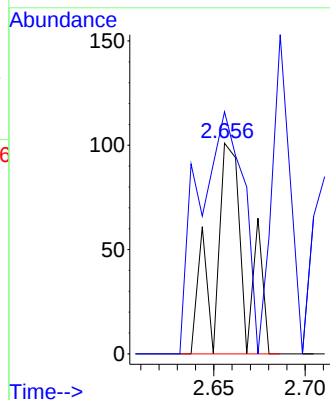
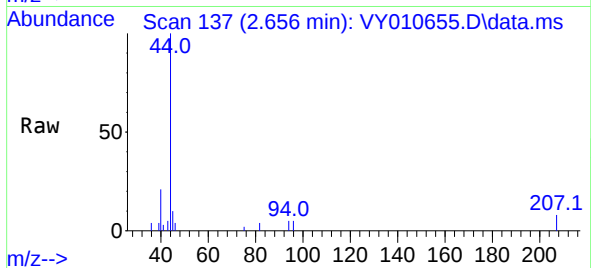




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

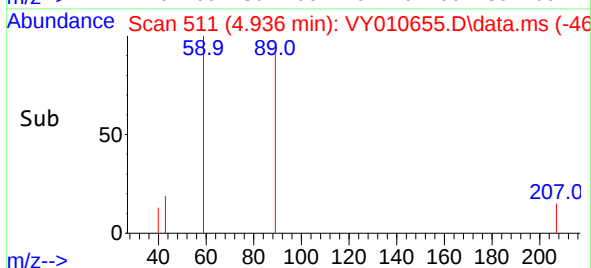
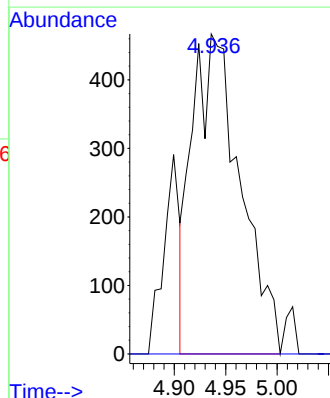
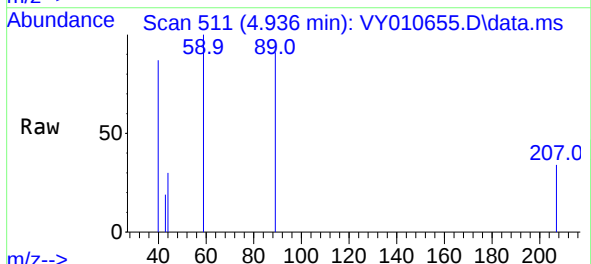
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

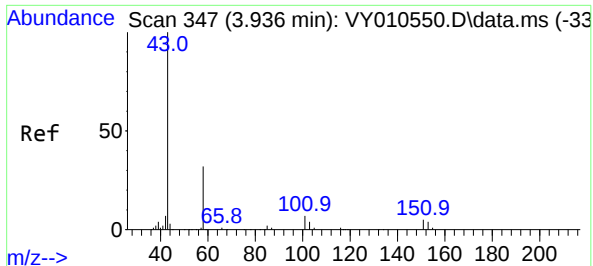
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 114.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 59 Resp: 1521
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

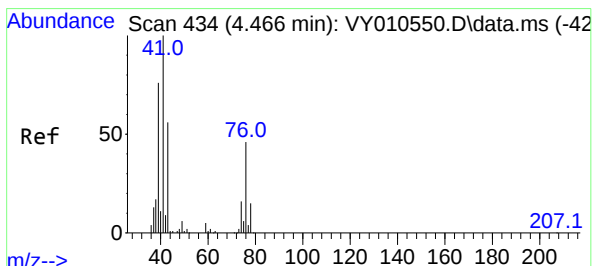
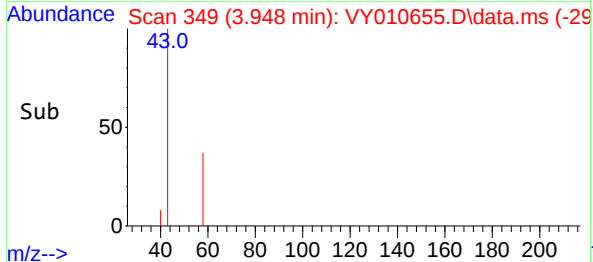
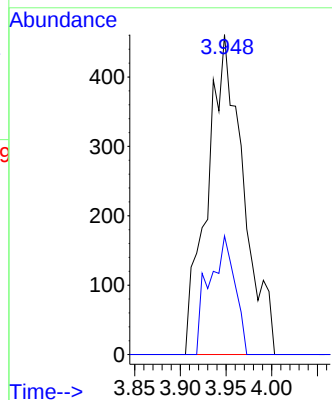
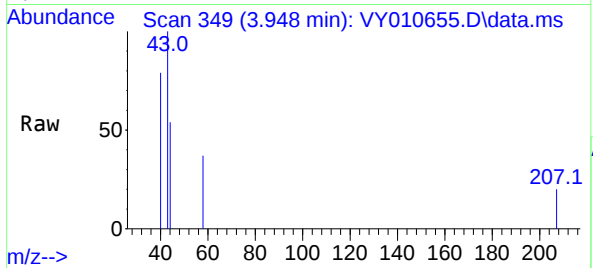




#16
Acetone
Concen: 3.266 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

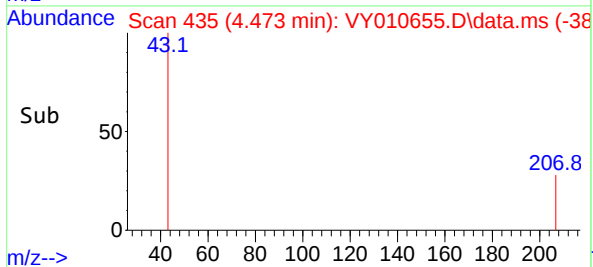
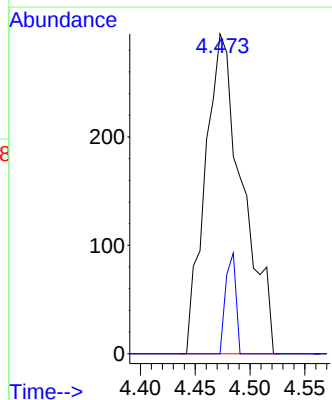
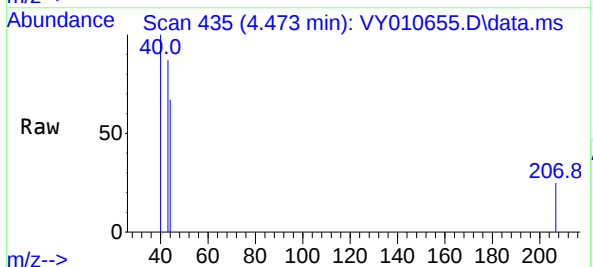
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

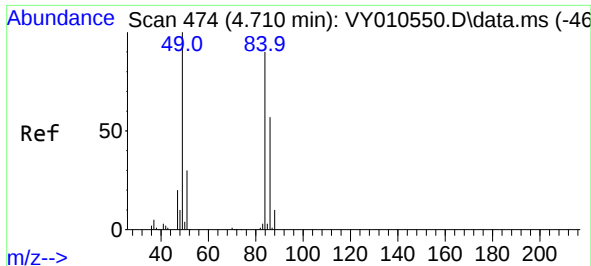
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

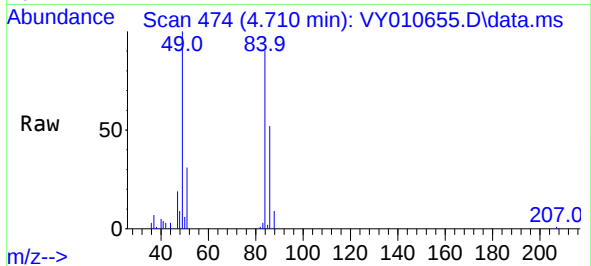
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
74 8.8 16.6 24.8#





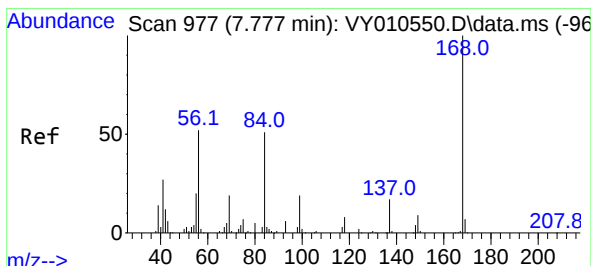
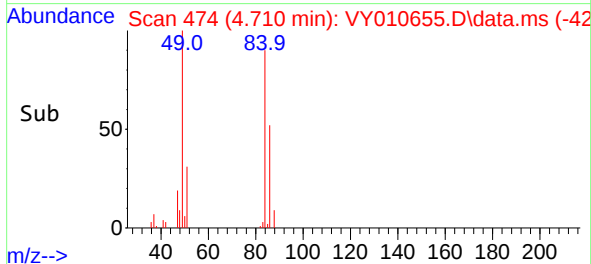
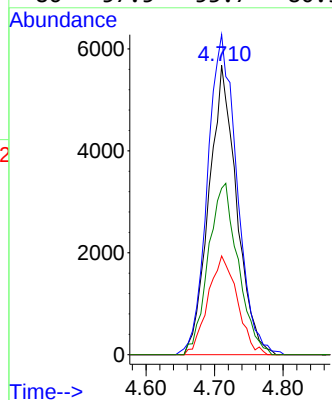
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0



Tgt Ion: 84 Resp: 15916

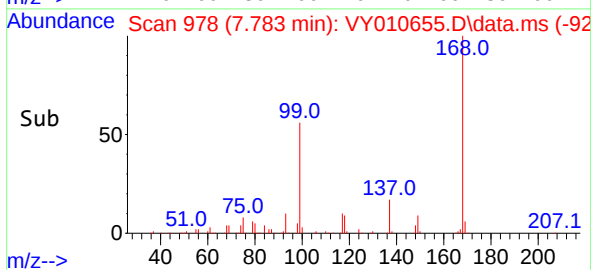
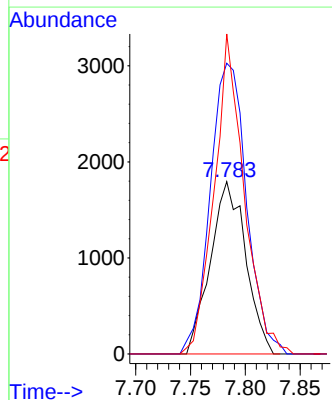
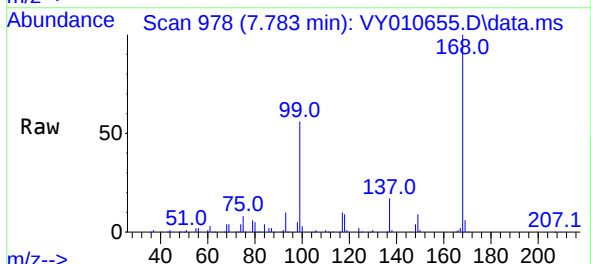
Ion	Ratio	Lower	Upper
84	100		
49	109.6	114.4	171.6#
51	34.1	35.3	52.9#
86	57.5	53.7	80.5

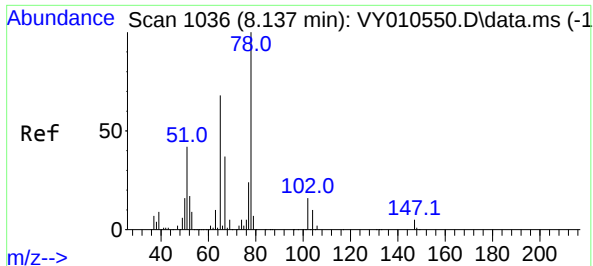


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 56 Resp: 4021

Ion	Ratio	Lower	Upper
56	100		
69	168.8	26.7	40.1#
84	185.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.625 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010655.D

Acq: 23 Sep 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

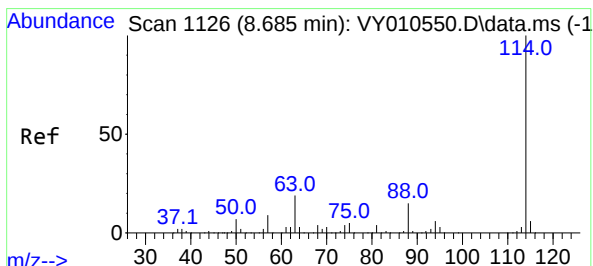
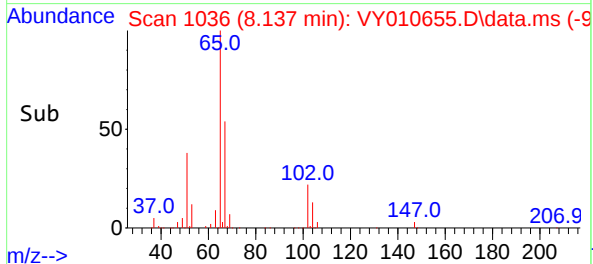
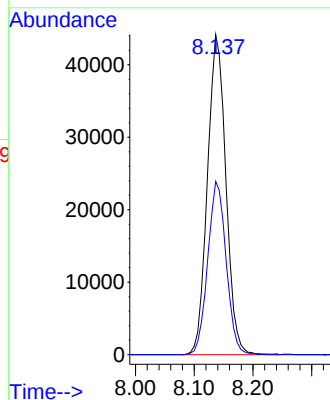
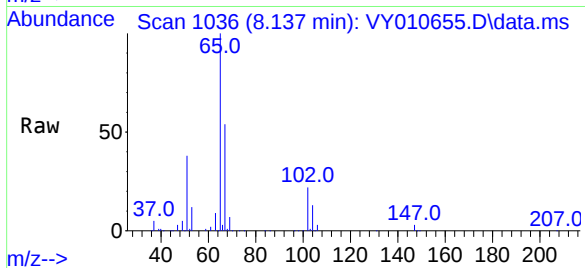
SB-02-10.5-11.0

Tgt Ion: 65 Resp: 96296

Ion Ratio Lower Upper

65 100

67 54.0 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: VY010655.D

Acq: 23 Sep 2022 17:43

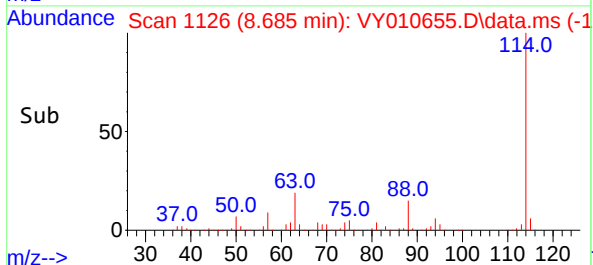
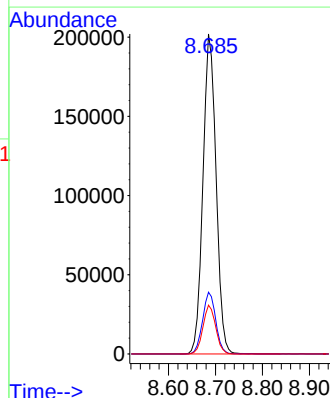
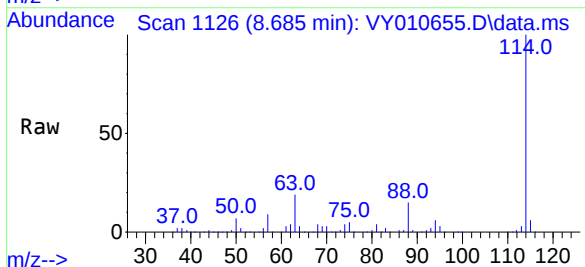
Tgt Ion: 114 Resp: 391018

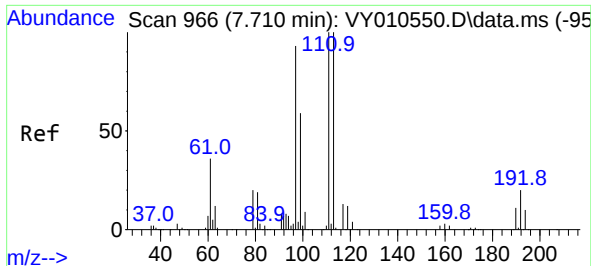
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8

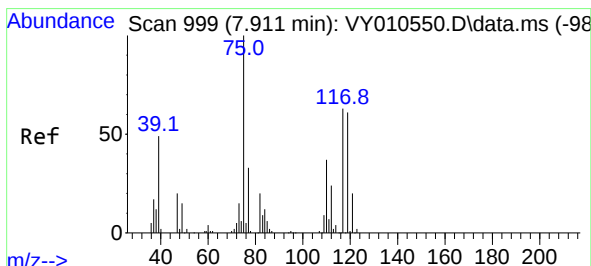
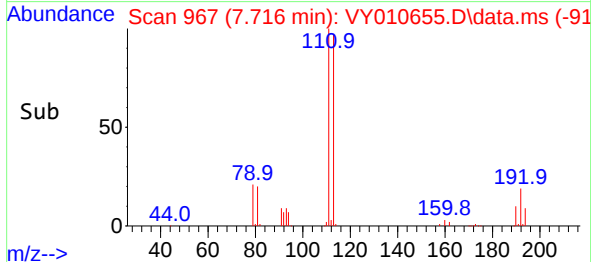
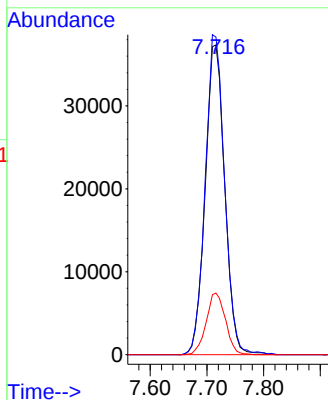
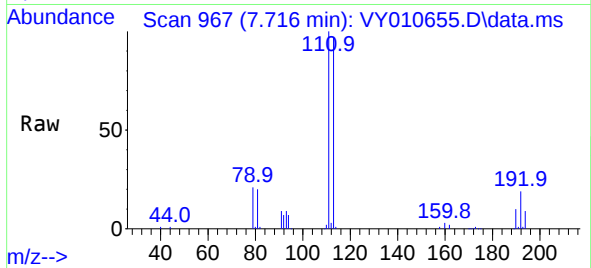




#35
Dibromofluoromethane
Concen: 35.849 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

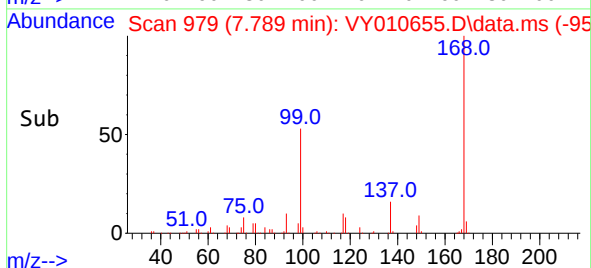
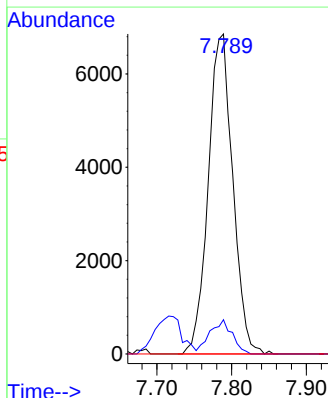
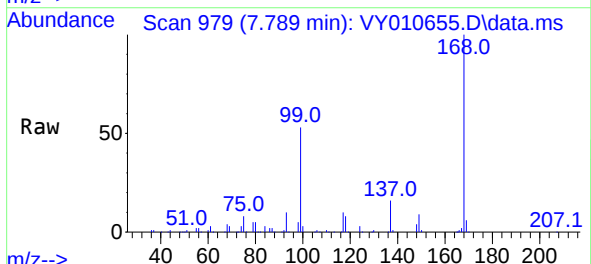
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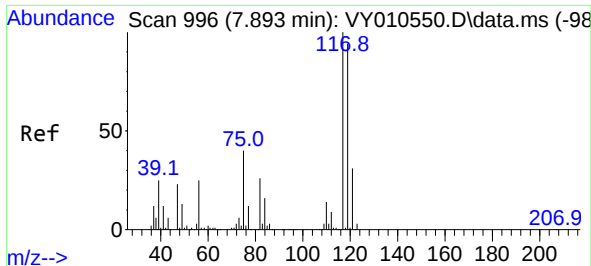
Tgt Ion:	113	Resp:	89460
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.639 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion:	75	Resp:	15678
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#

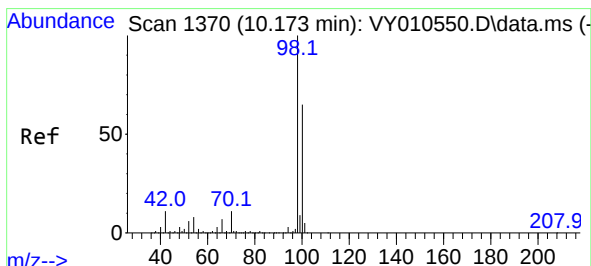
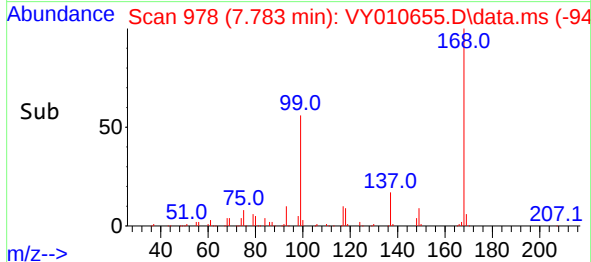
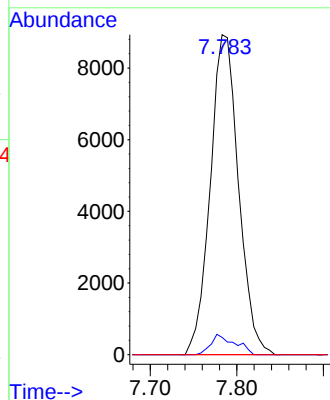
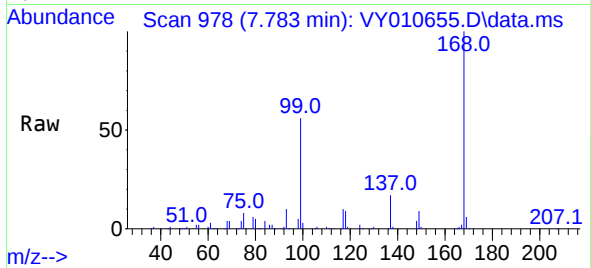




#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

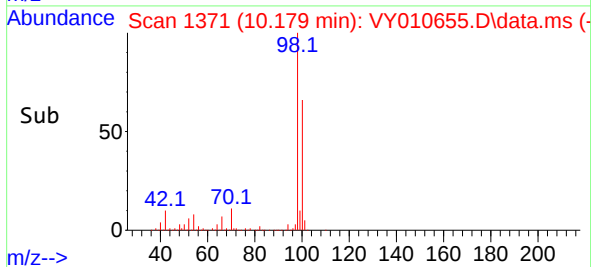
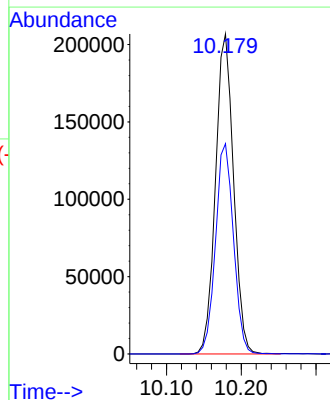
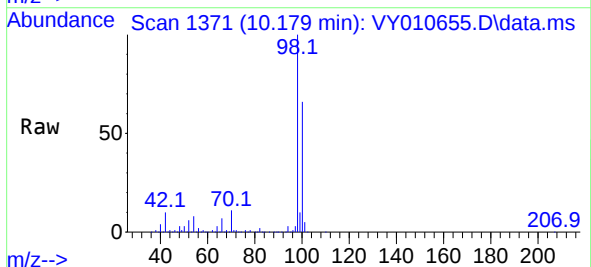
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

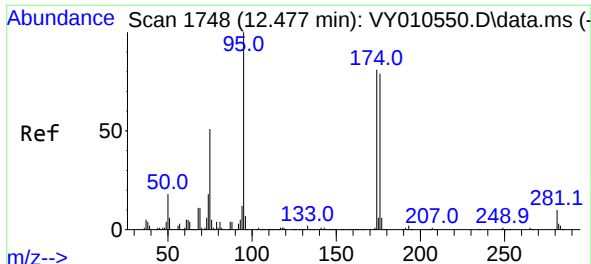
Tgt Ion:117 Resp: 20264
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.459 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 98 Resp: 347603
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

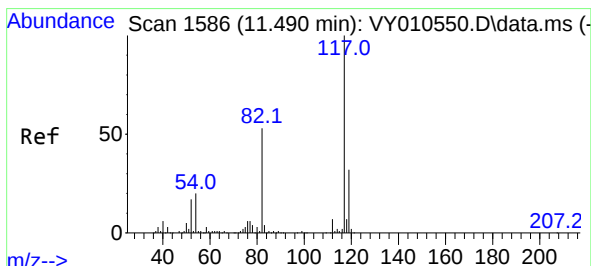
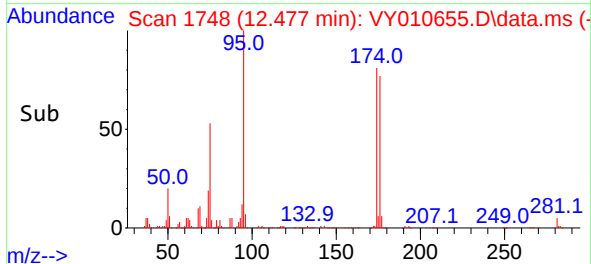
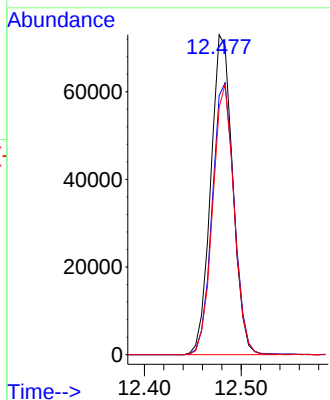
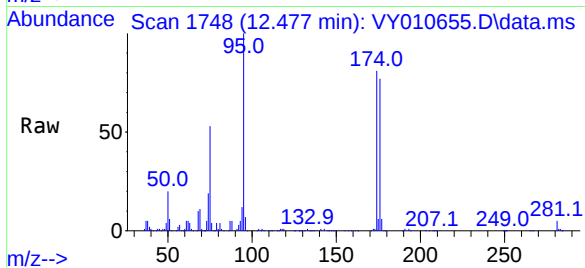




#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

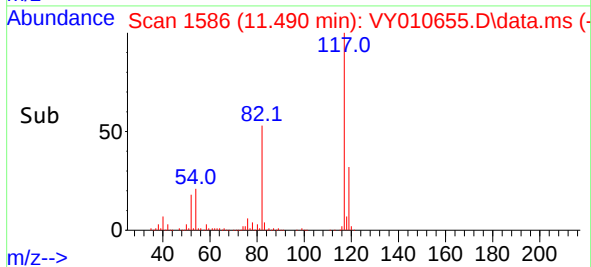
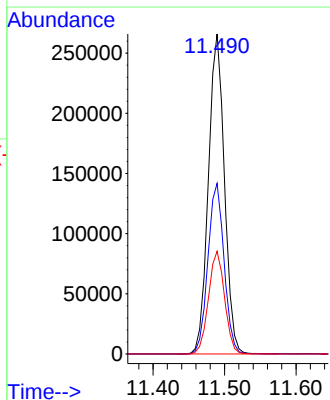
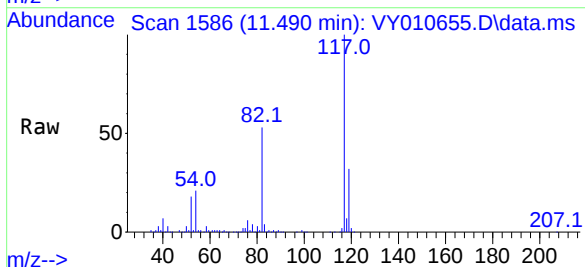
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

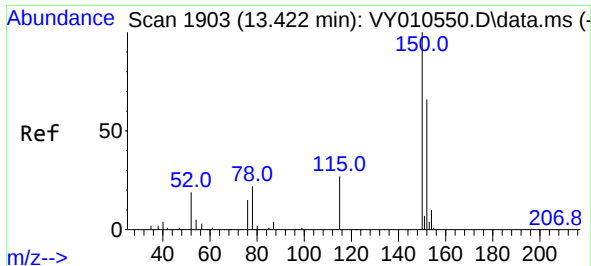
Tgt Ion: 95 Resp: 115005
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 117 Resp: 414109
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.1 25.4 38.0

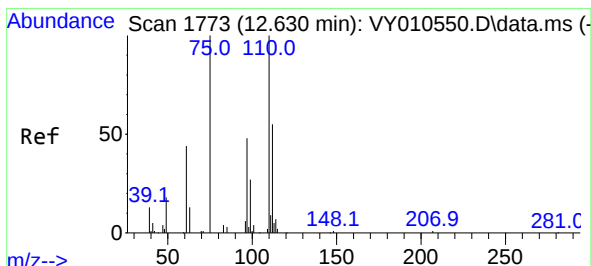
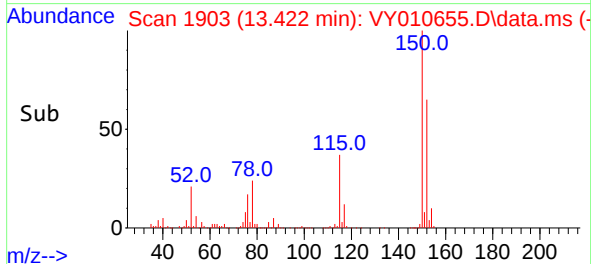
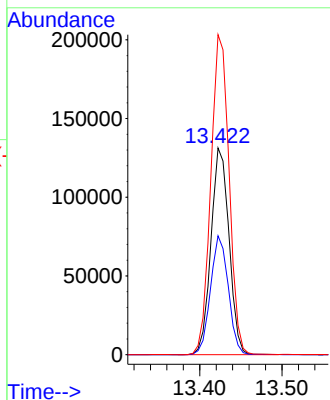
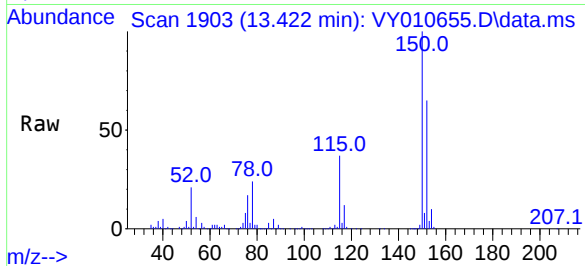




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

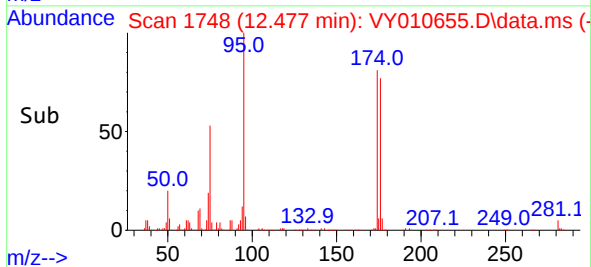
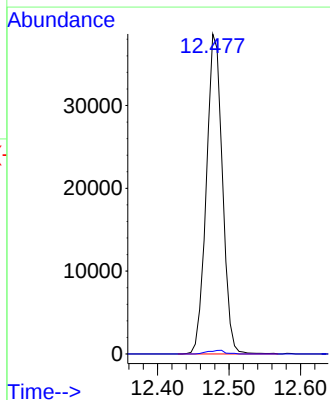
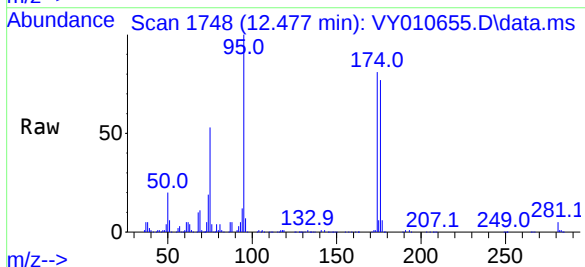
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

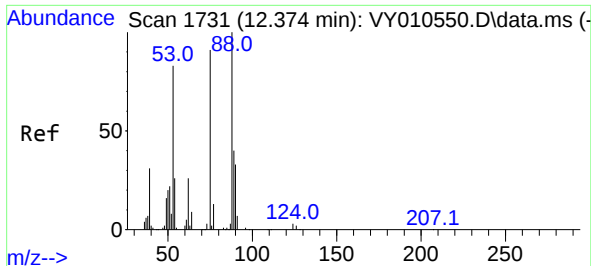
Tgt Ion:152 Resp: 200473
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 156.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 31.463 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Tgt Ion: 75 Resp: 60201
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.956 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY010655.D
Acq: 23 Sep 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

Tgt Ion: 75 Resp: 60201
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

