

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008293.D
 Acq On : 12 Apr 2022 17:20
 Operator : KP/MD
 Sample : N2364-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-14.5-15.0

Quant Time: Apr 13 08:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

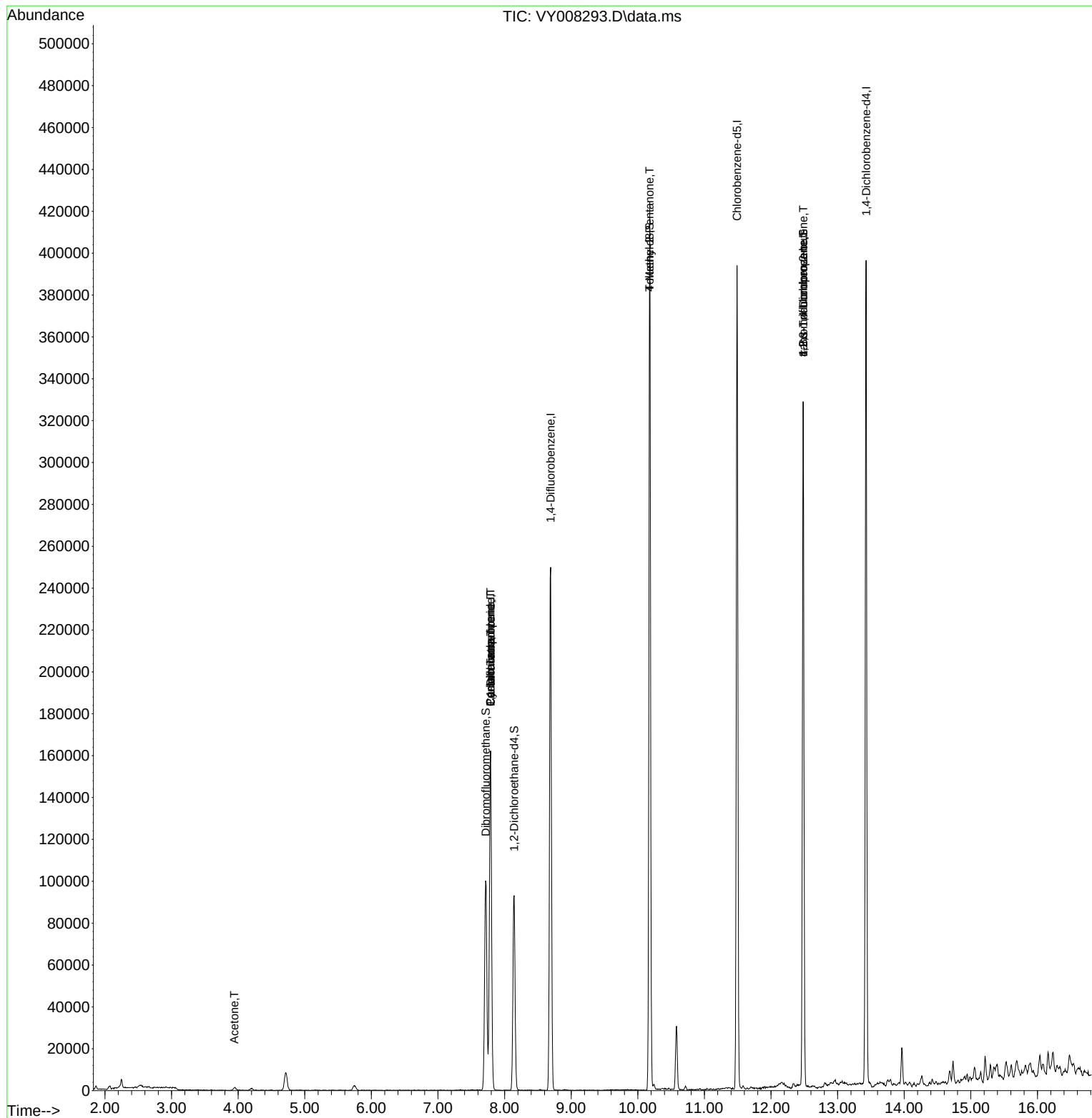
Internal Standards						
1) Pentafluorobenzene	7.789	168	125932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72579	61.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.716	113	72157	54.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.179	98	279095	61.939	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.880%	
62) 4-Bromofluorobenzene	12.483	95	96550	56.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	181	Below Cal	#	44
5) Bromomethane	2.668	94	144	Below Cal	#	34
16) Acetone	3.942	43	2610	9.173	ug/l	100
18) Methyl Acetate	4.485	43	165	Below Cal	#	56
20) Methylene Chloride	4.710	84	6869	Below Cal	#	72
31) Cyclohexane	7.789	56	2493	1.165	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	9468	4.503	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	12679	5.605	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	1116	1.074	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	49561	45.291	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	49561	101.337	ug/l	# 7

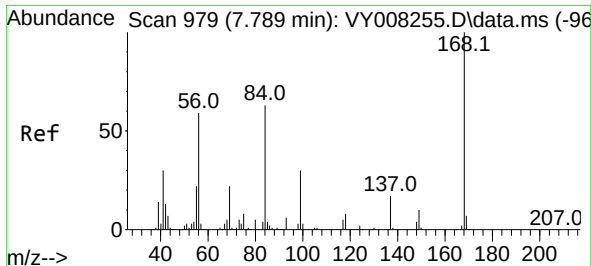
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008293.D
Acq On : 12 Apr 2022 17:20
Operator : KP/MD
Sample : N2364-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

Quant Time: Apr 13 08:15:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

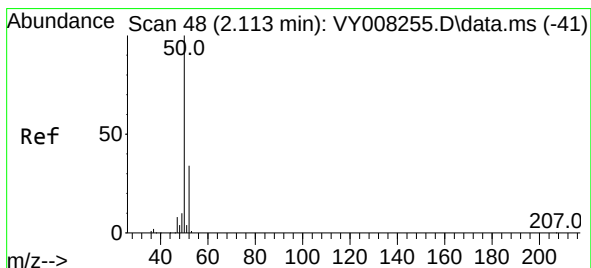
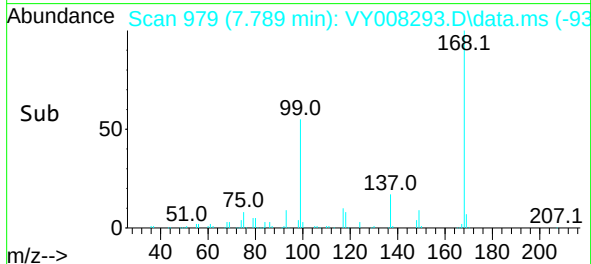
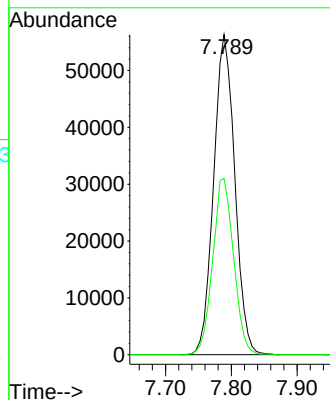
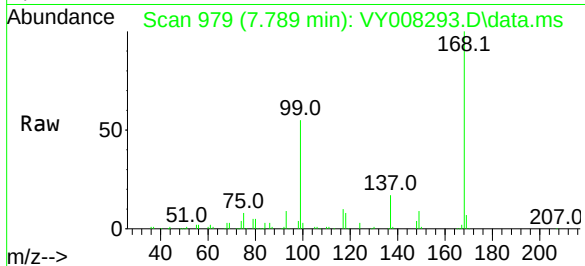




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

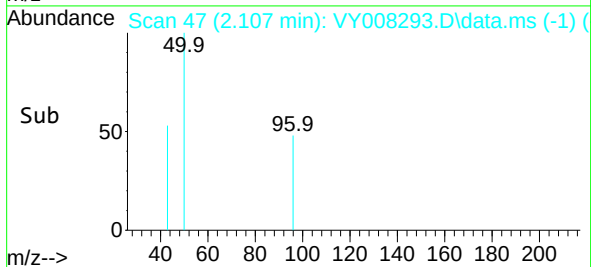
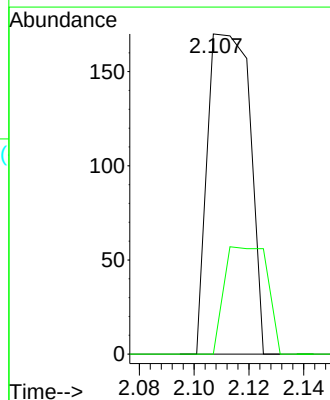
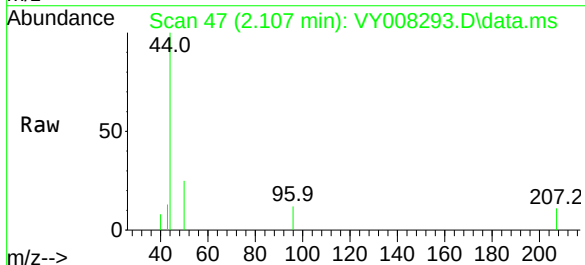
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

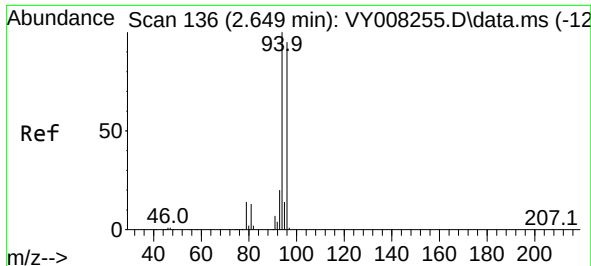
Tgt Ion:168 Resp: 125932
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

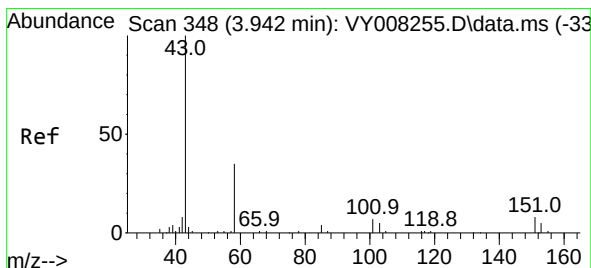
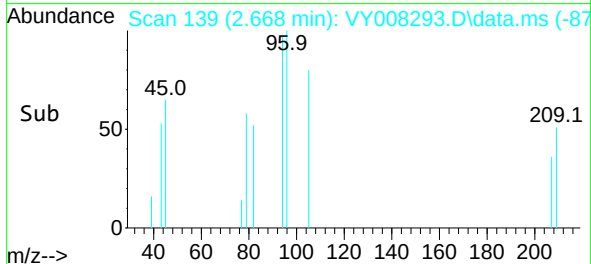
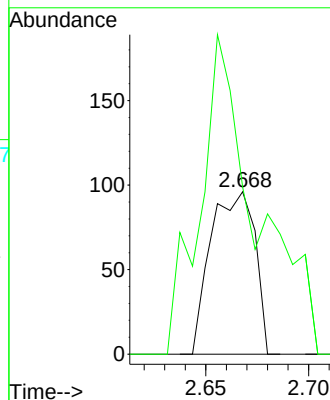
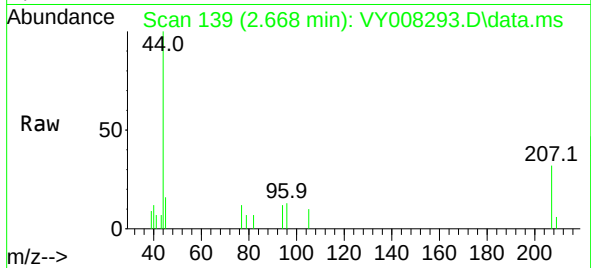




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

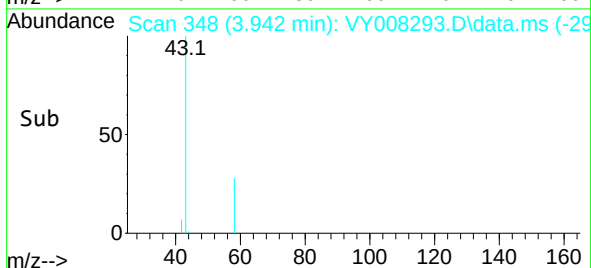
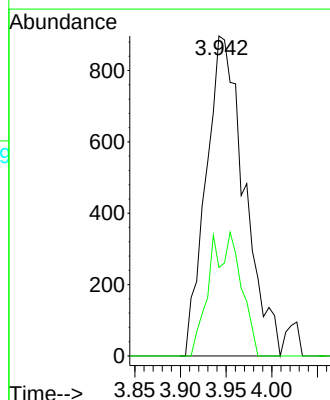
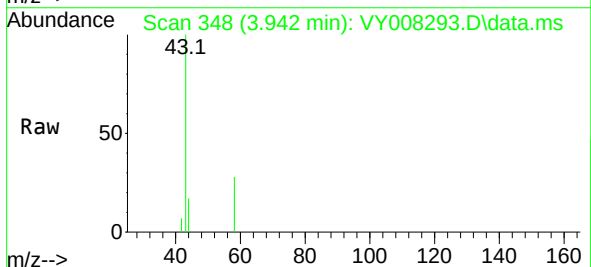
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

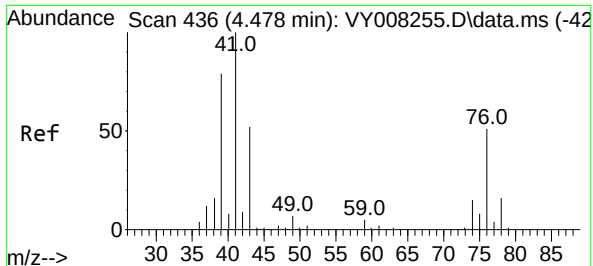
Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 29.2 73.5 110.3#



#16
Acetone
Concen: 9.173 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

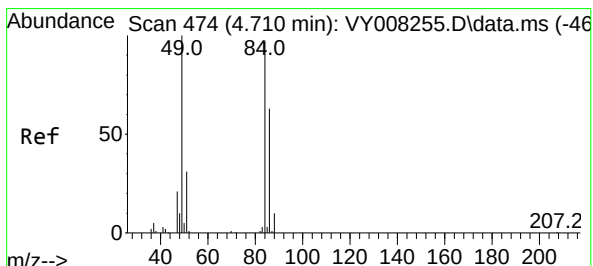
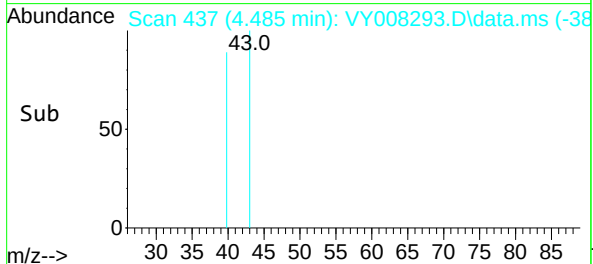
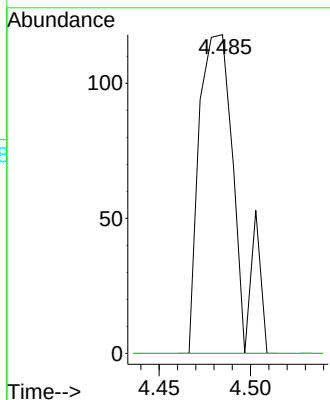
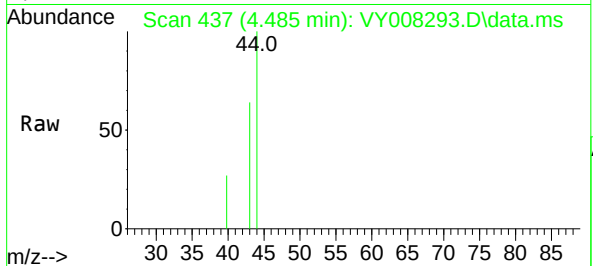




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

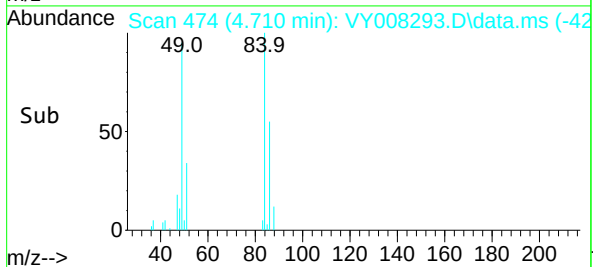
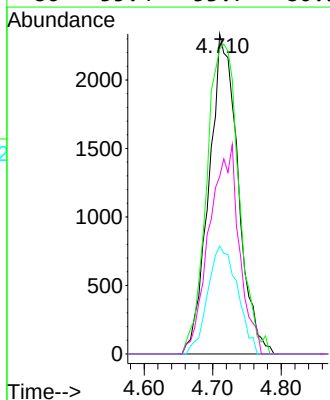
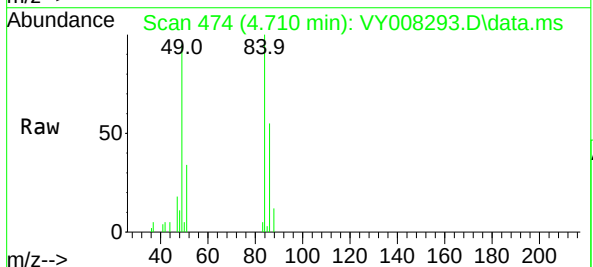
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

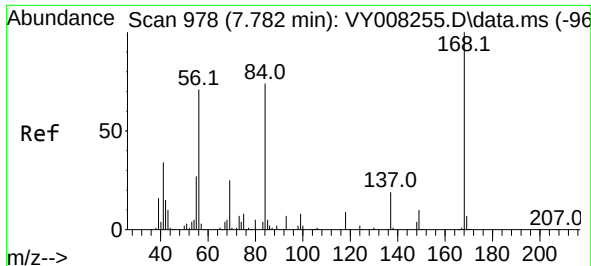
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

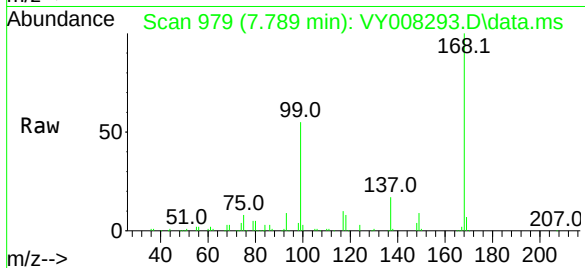
Tgt Ion: 84 Resp: 6869
Ion Ratio Lower Upper
84 100
49 95.2 114.4 171.6#
51 33.7 35.3 52.9#
86 55.4 53.7 80.5



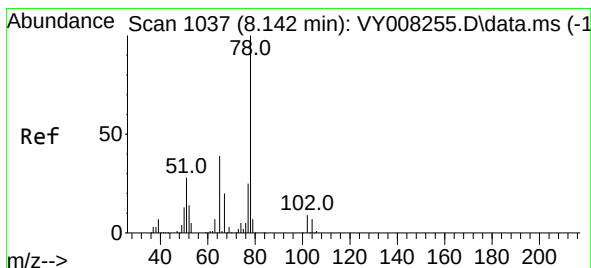
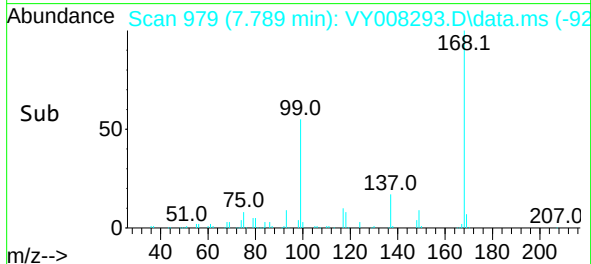
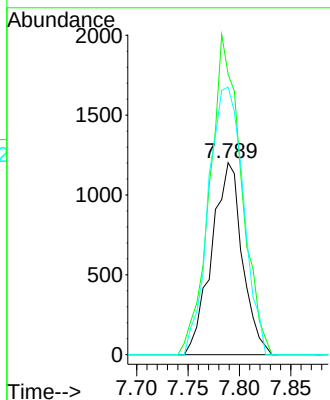


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

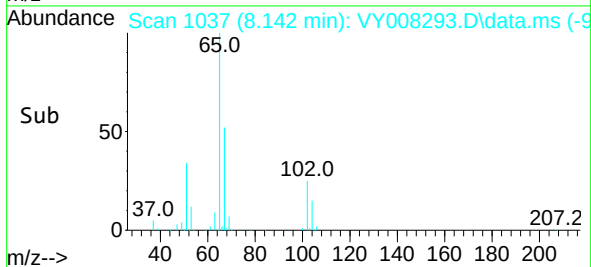
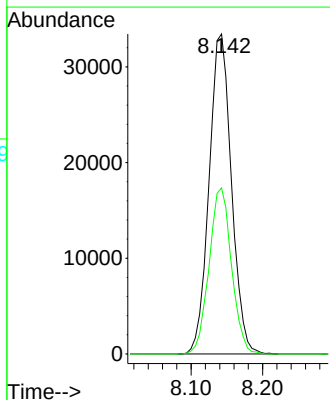
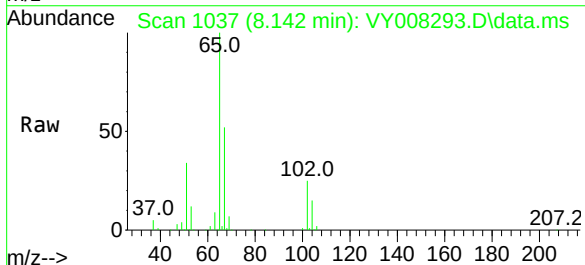


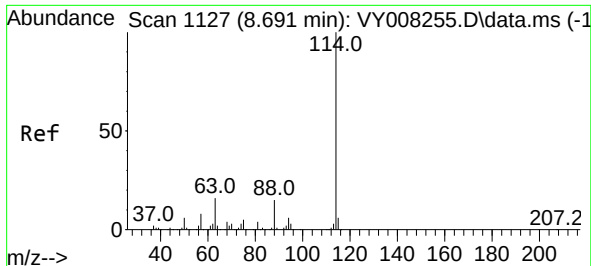
Tgt Ion: 56 Resp: 2493
Ion Ratio Lower Upper
56 100
69 146.2 26.7 40.1#
84 139.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.356 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Tgt Ion: 65 Resp: 72579
Ion Ratio Lower Upper
65 100
67 51.9 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: VY008293.D

Acq: 12 Apr 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-14.5-15.0

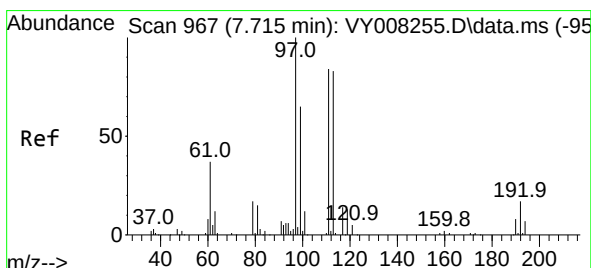
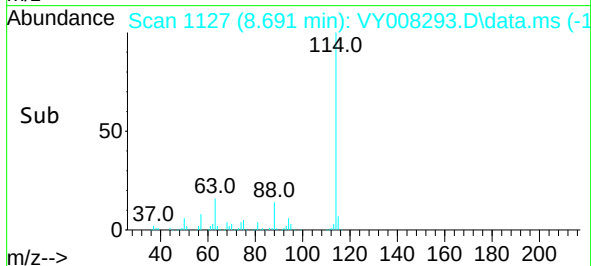
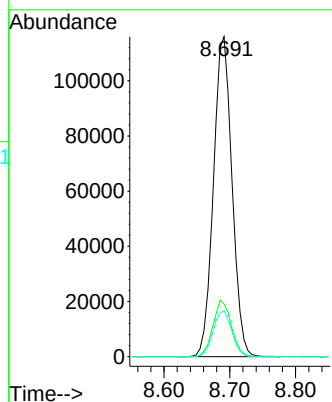
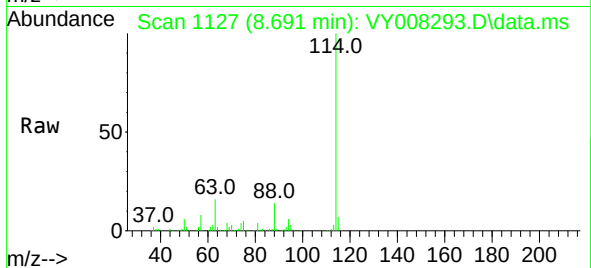
Tgt Ion:114 Resp: 227992

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.795 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008293.D

Acq: 12 Apr 2022 17:20

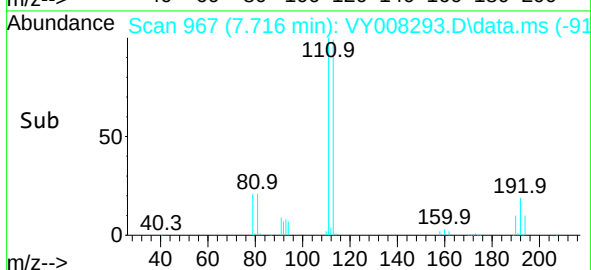
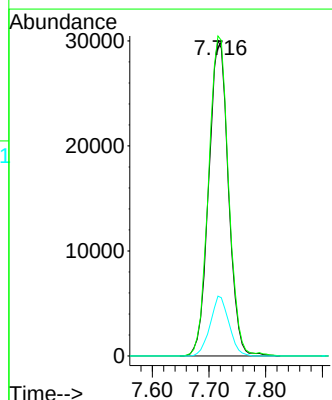
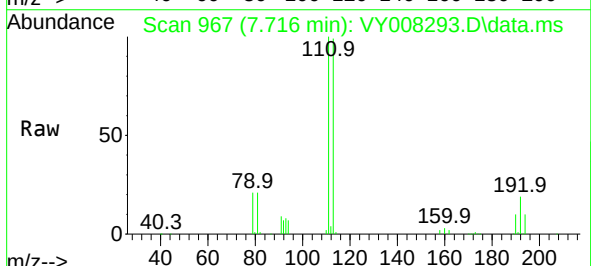
Tgt Ion:113 Resp: 72157

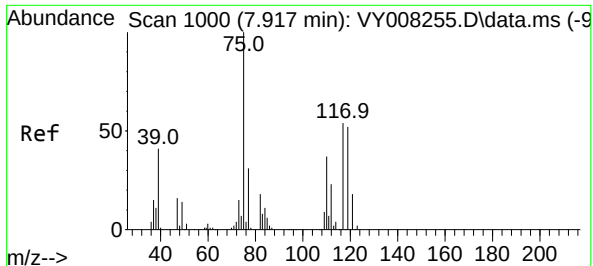
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008293.D

Acq: 12 Apr 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-14.5-15.0

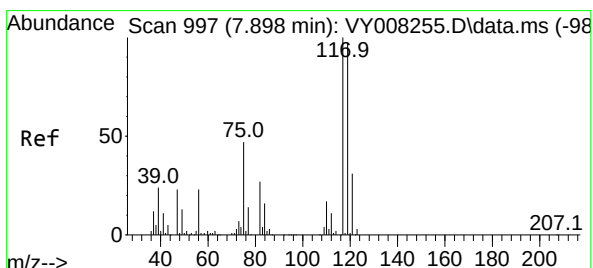
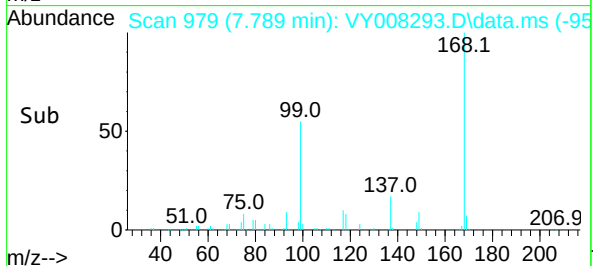
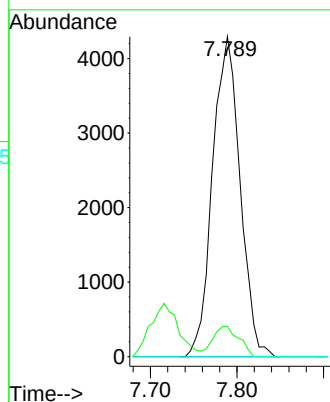
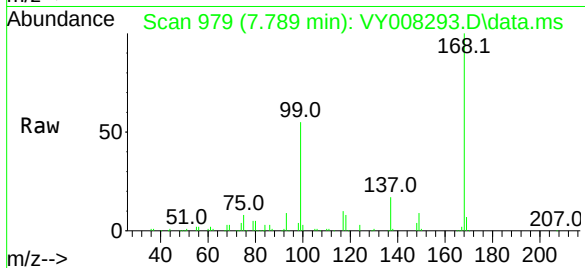
Tgt Ion: 75 Resp: 9468

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008293.D

Acq: 12 Apr 2022 17:20

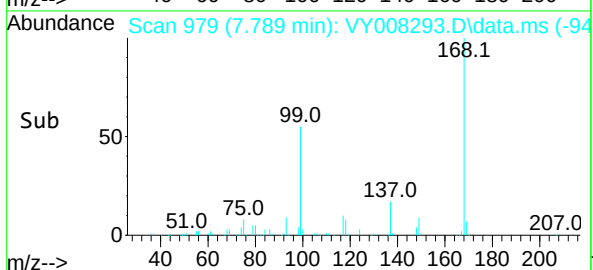
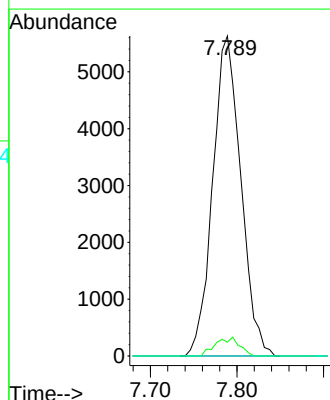
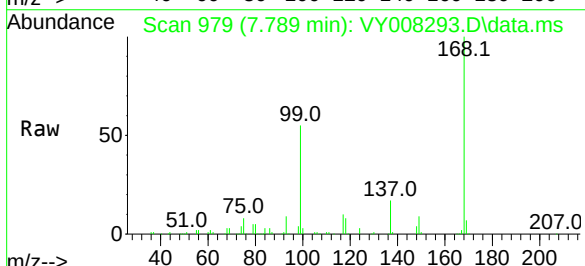
Tgt Ion: 117 Resp: 12679

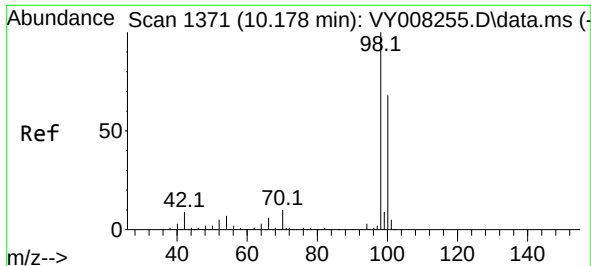
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

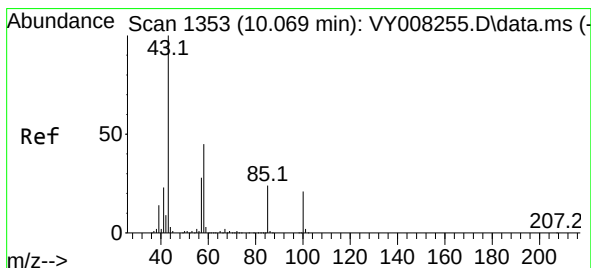
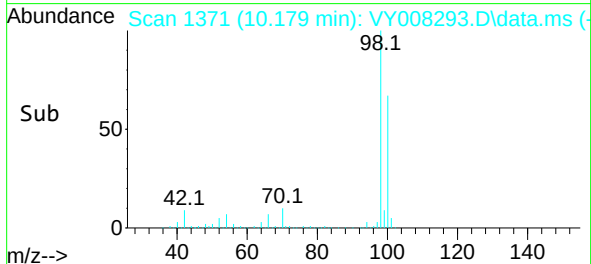
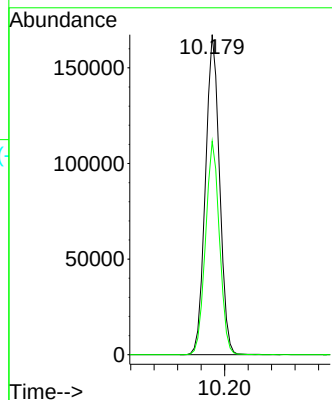
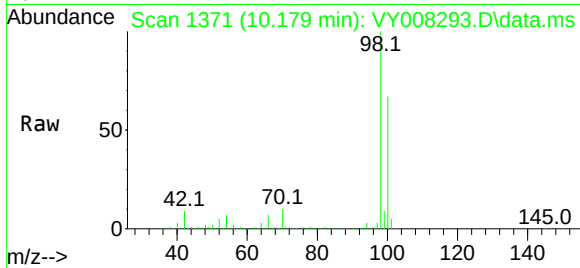




#50
Toluene-d8
Concen: 61.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

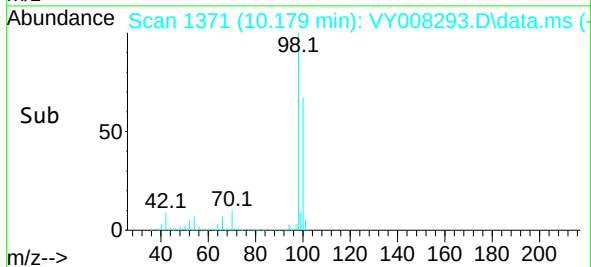
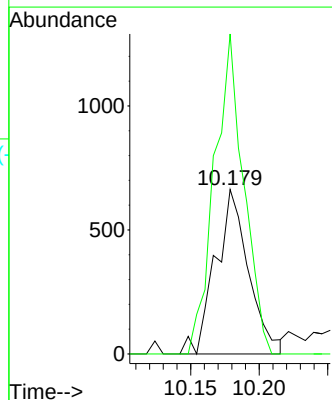
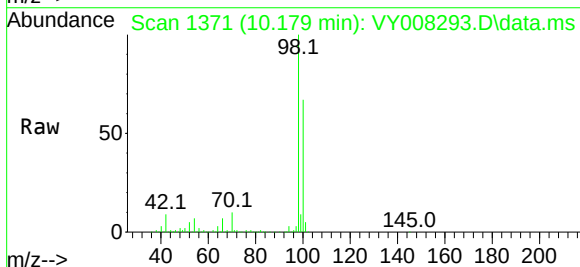
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

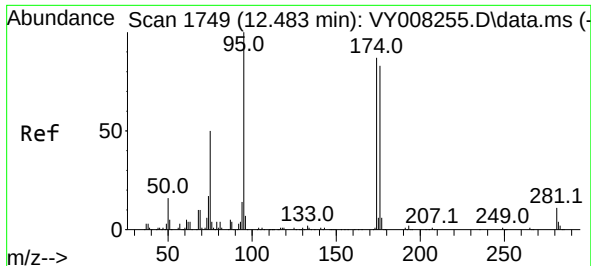
Tgt Ion: 98 Resp: 279095
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.074 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 172.4 28.1 42.1#

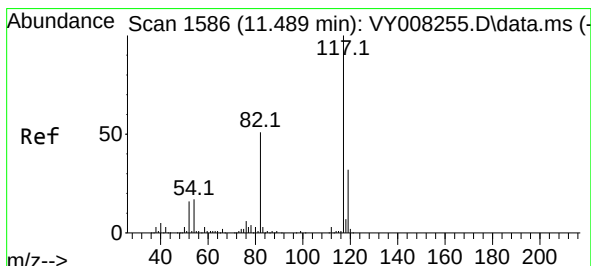
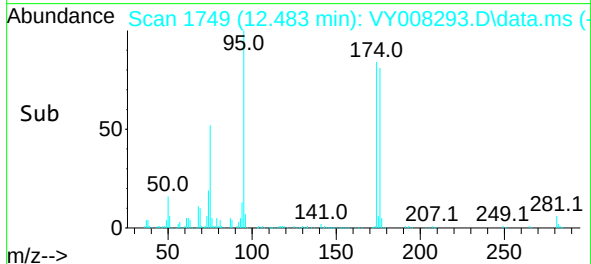
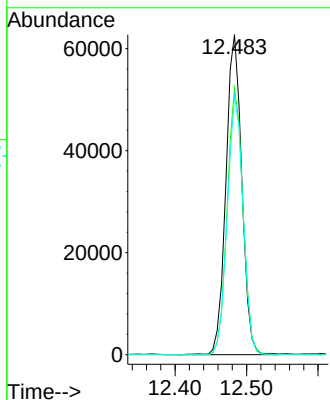
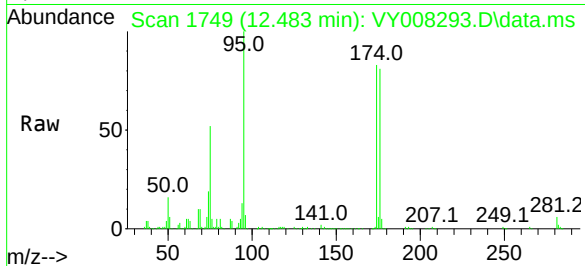




#62
4-Bromofluorobenzene
Concen: 56.968 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

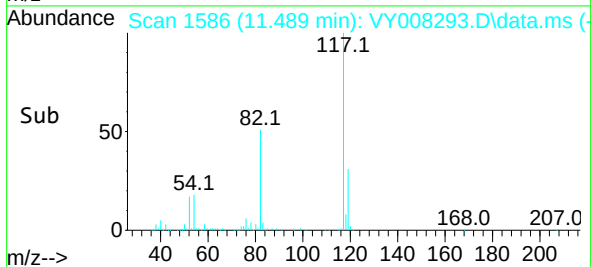
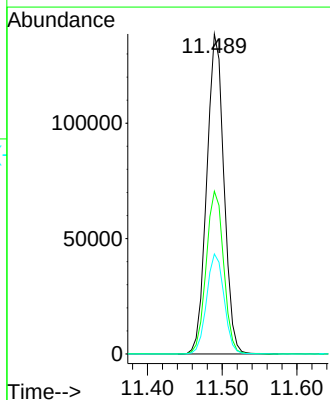
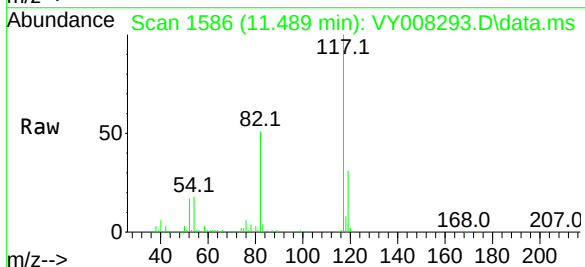
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-14.5-15.0

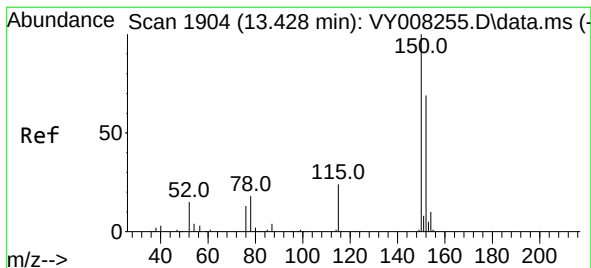
Tgt Ion: 95 Resp: 96550
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008293.D
Acq: 12 Apr 2022 17:20

Tgt Ion: 117 Resp: 221346
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 31.2 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: VY008293.D

Acq: 12 Apr 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-14.5-15.0

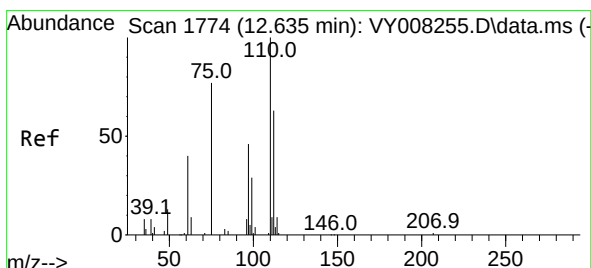
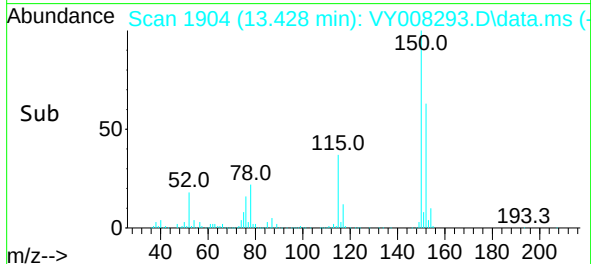
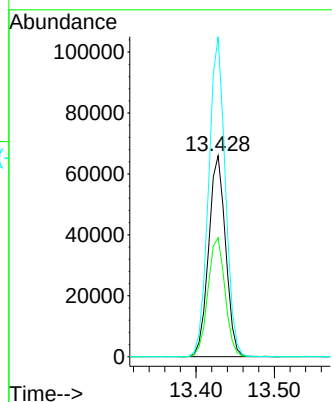
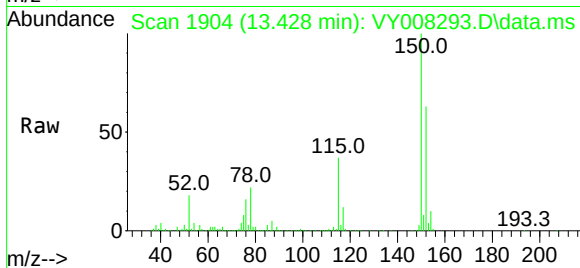
Tgt Ion:152 Resp: 98943

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 156.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.291 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008293.D

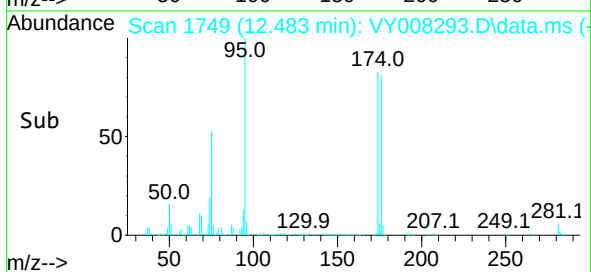
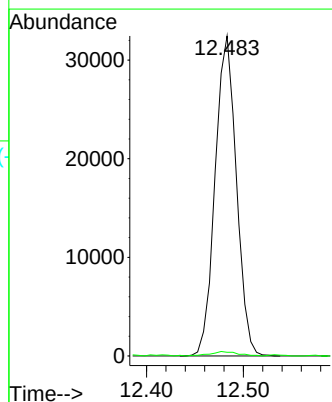
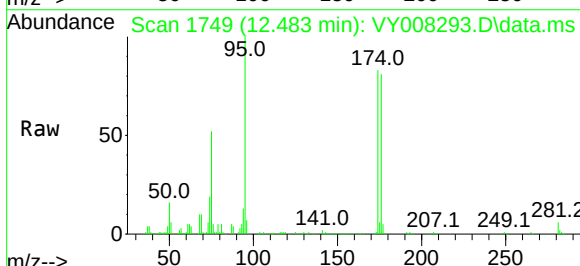
Acq: 12 Apr 2022 17:20

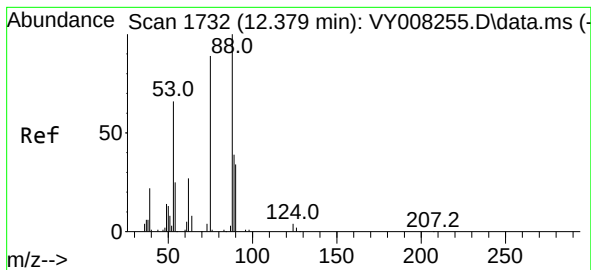
Tgt Ion: 75 Resp: 49561

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.337 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008293.D
 Acq: 12 Apr 2022 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-14.5-15.0

Tgt Ion: 75 Resp: 49561
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

