

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008686.D
 Acq On : 10 May 2022 17:44
 Operator : KP/MD
 Sample : N2762-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02

Quant Time: May 11 04:33:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

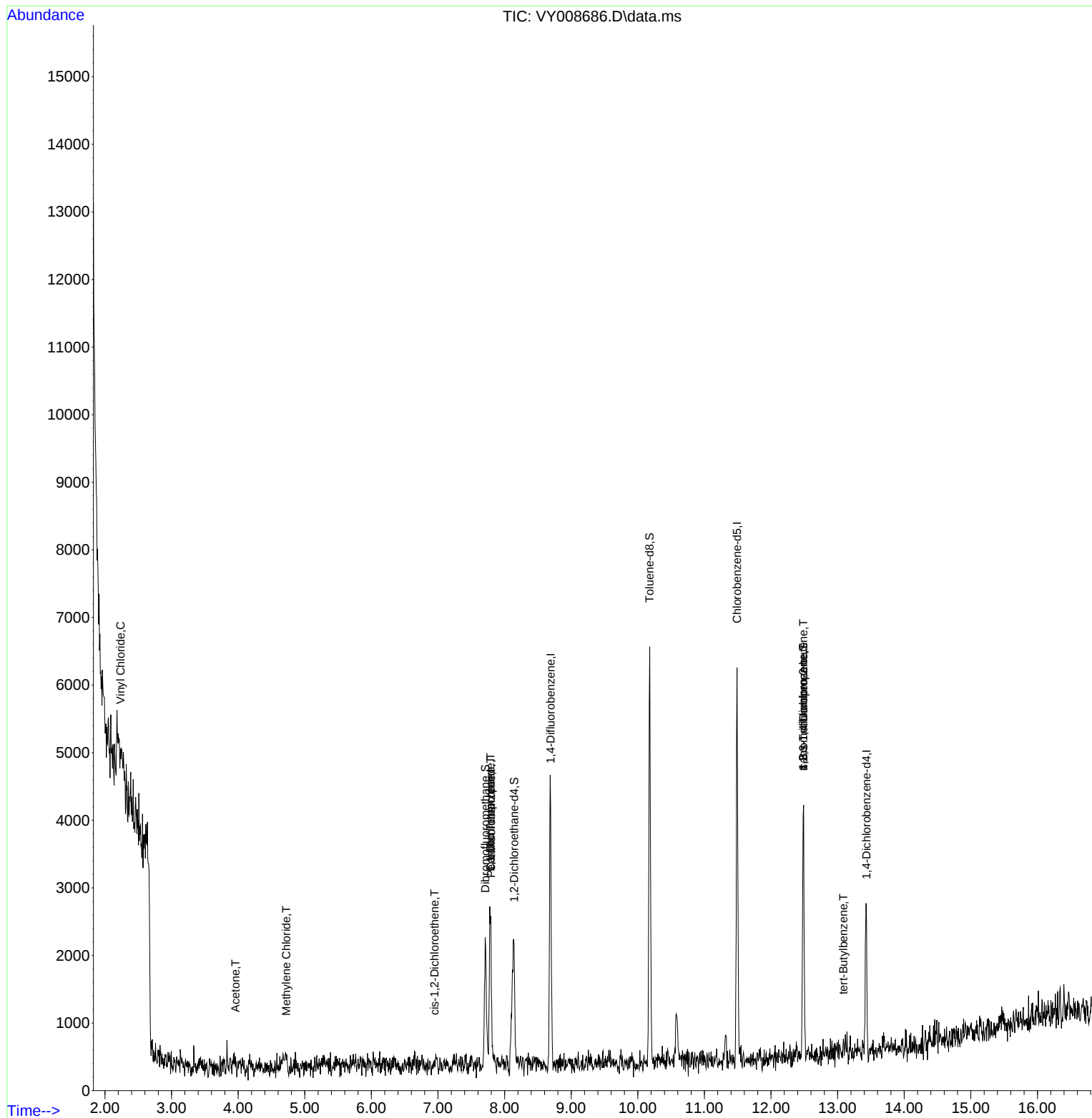
Internal Standards						
1) Pentafluorobenzene	7.795	168	2515	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1361	63.156	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.320%		
35) Dibromofluoromethane	7.710	113	1493	56.199	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.400%		
50) Toluene-d8	10.179	98	4587	48.997	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.000%		
62) 4-Bromofluorobenzene	12.483	95	1126	33.431	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 66.860%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	234	11.389	ug/l #	43
16) Acetone	3.960	43	62	12.195	ug/l #	47
20) Methylene Chloride	4.722	84	77	2.494	ug/l #	36
27) cis-1,2-Dichloroethene	6.947	96	40	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	95	2.226	ug/l #	42
38) Carbon Tetrachloride	7.789	117	127	2.942	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	601	62.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	601	124.938	ug/l #	7
83) tert-Butylbenzene	13.087	119	48	1.018	ug/l #	24

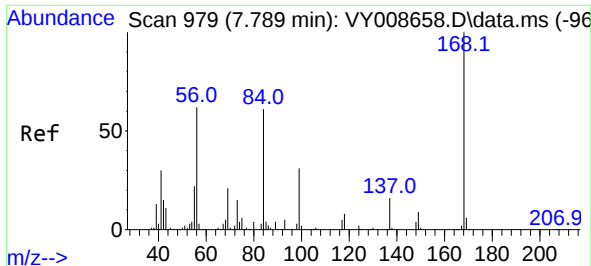
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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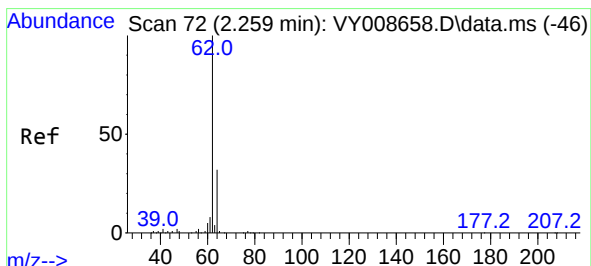
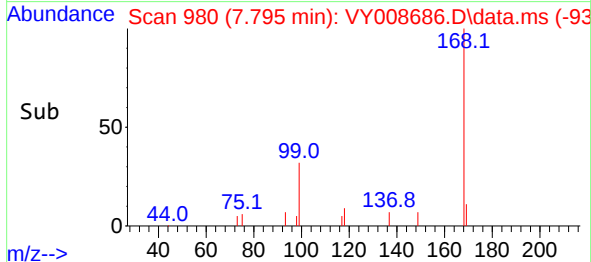
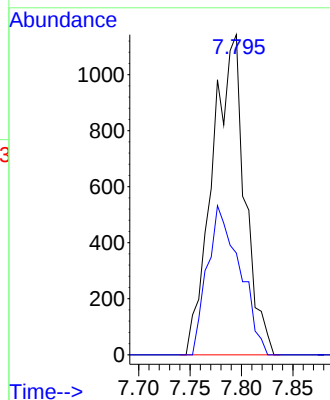
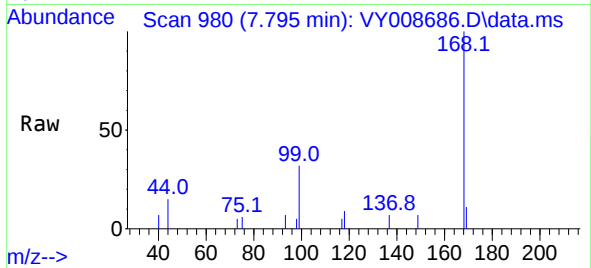




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

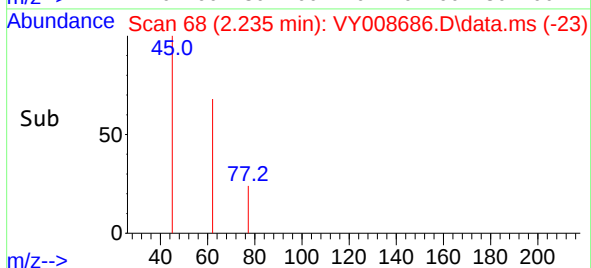
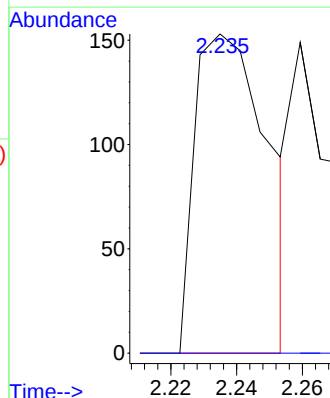
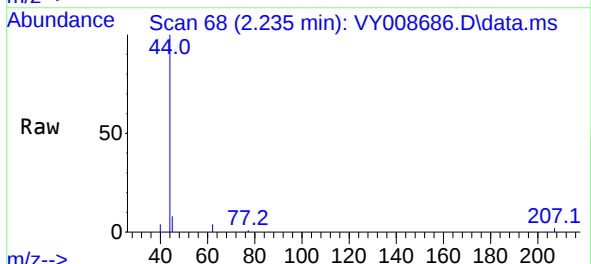
Instrument :
MSVOA_Y
ClientSampleId :
SB02

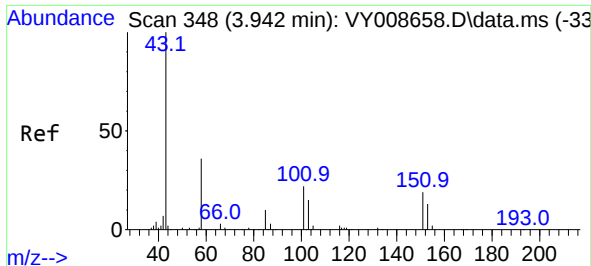
Tgt Ion:168 Resp: 2515
Ion Ratio Lower Upper
168 100
99 31.8 46.9 70.3#



#4
Vinyl Chloride
Concen: 11.389 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

Tgt Ion: 62 Resp: 234
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

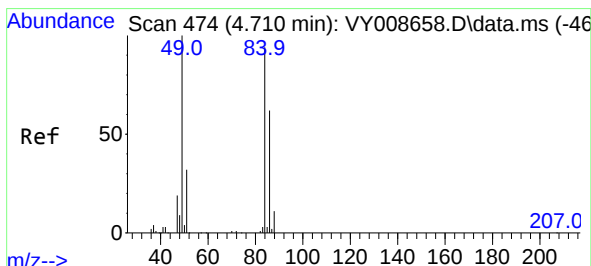
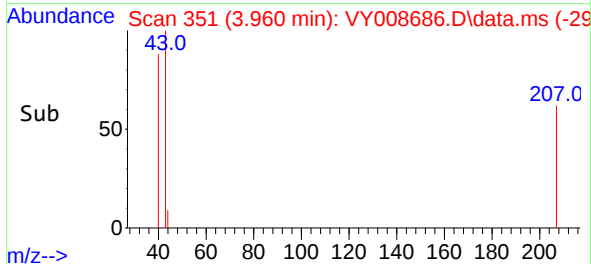
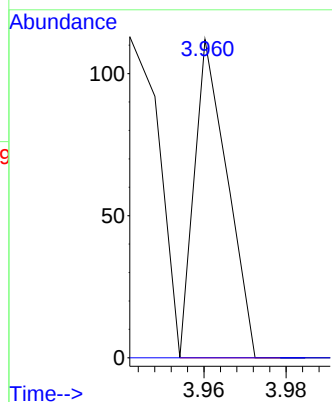
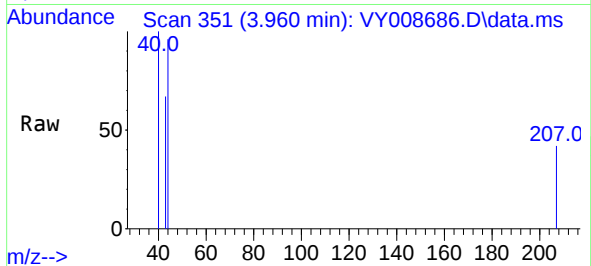




#16
Acetone
Concen: 12.195 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

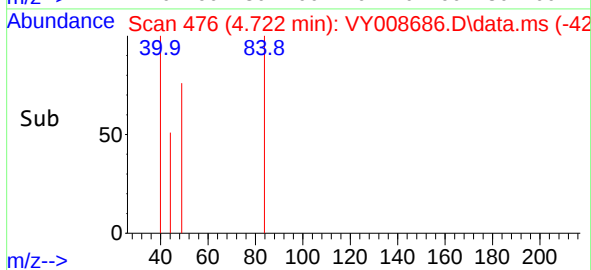
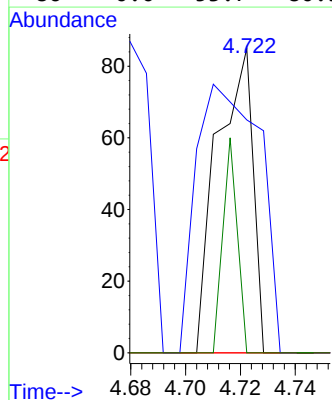
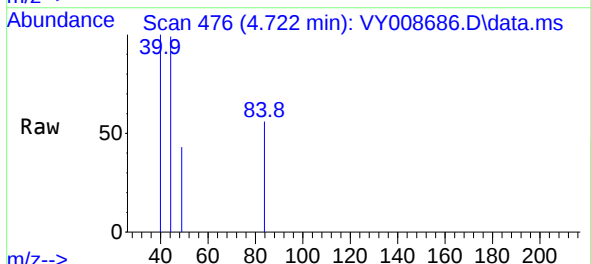
Instrument :
MSVOA_Y
ClientSampleId :
SB02

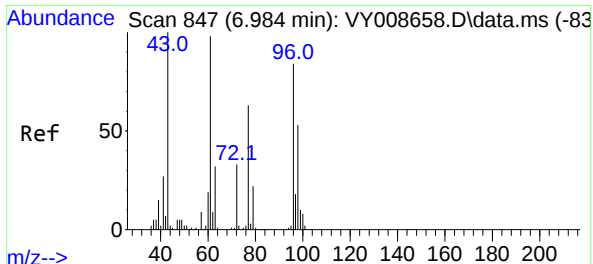
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 2.494 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

Tgt Ion: 84 Resp: 77
Ion Ratio Lower Upper
84 100
49 76.5 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#27

cis-1,2-Dichloroethene

Concen: 1.196 ug/l

RT: 6.947 min Scan# 84

Delta R.T. -0.037 min

Lab File: VY008686.D

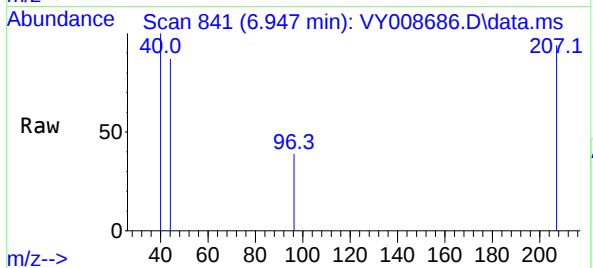
Acq: 10 May 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

SB02



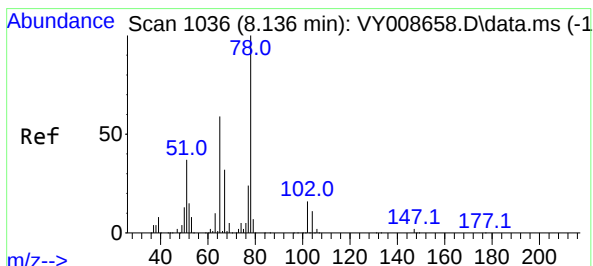
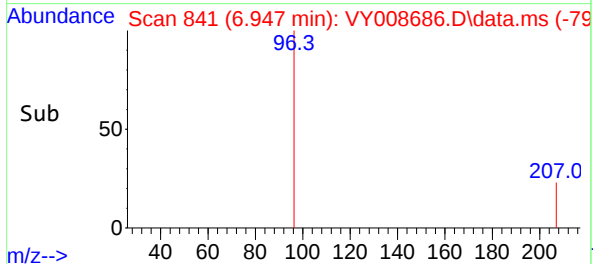
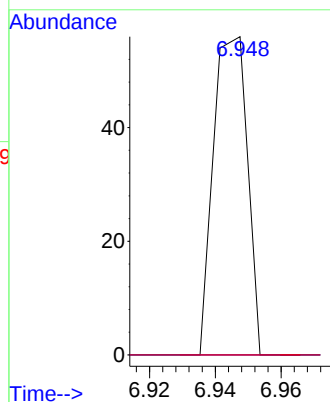
Tgt Ion: 96 Resp: 40

Ion Ratio Lower Upper

96 100

61 0.0 0.0 319.8

98 0.0 0.0 127.0



#33

1,2-Dichloroethane-d4

Concen: 63.156 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008686.D

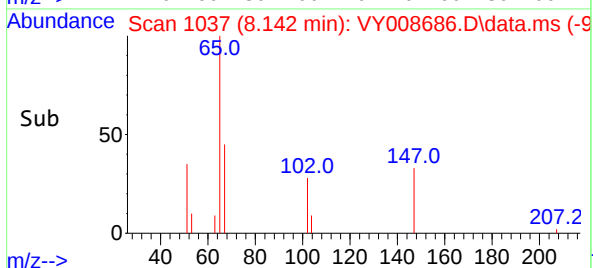
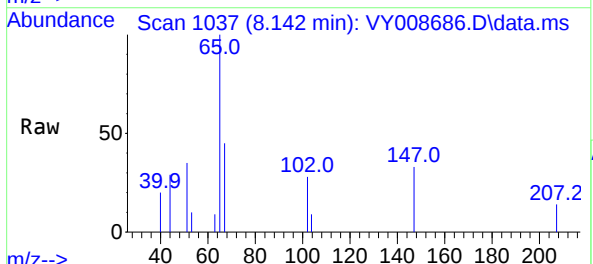
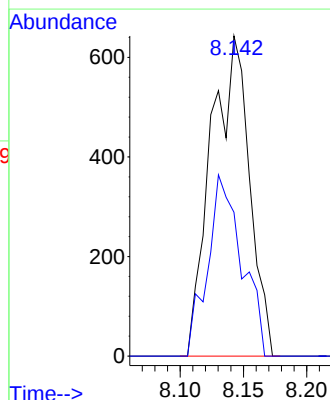
Acq: 10 May 2022 17:44

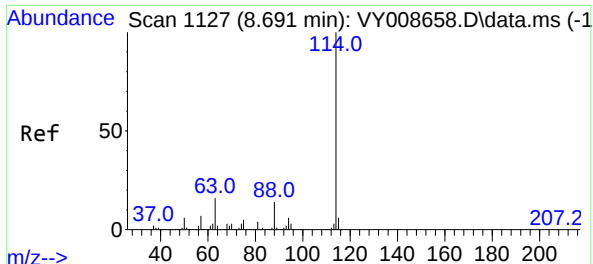
Tgt Ion: 65 Resp: 1361

Ion Ratio Lower Upper

65 100

67 50.3 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: VY008686.D

Acq: 10 May 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

SB02

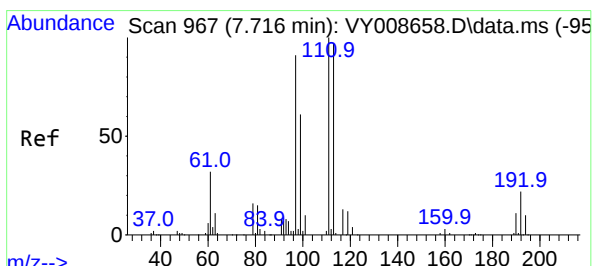
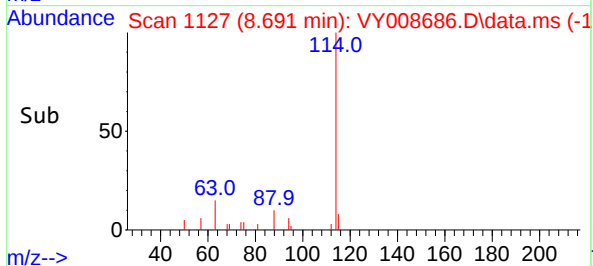
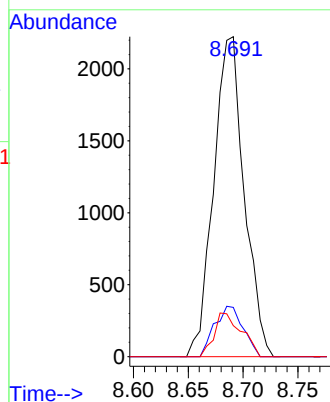
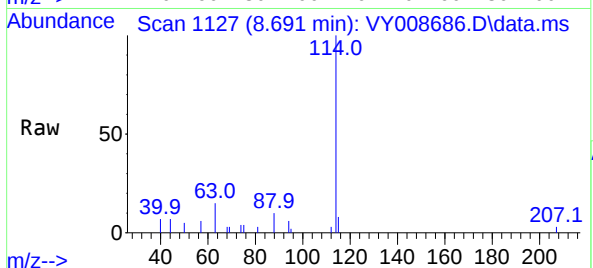
Tgt Ion:114 Resp: 4311

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 9.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.199 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008686.D

Acq: 10 May 2022 17:44

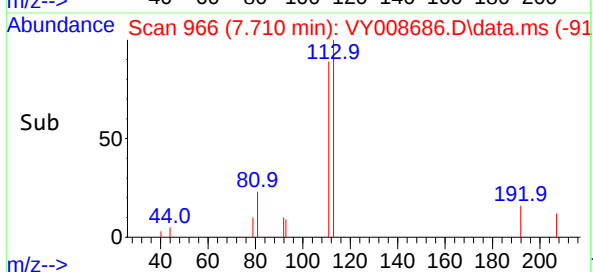
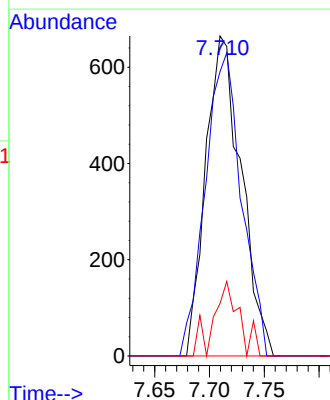
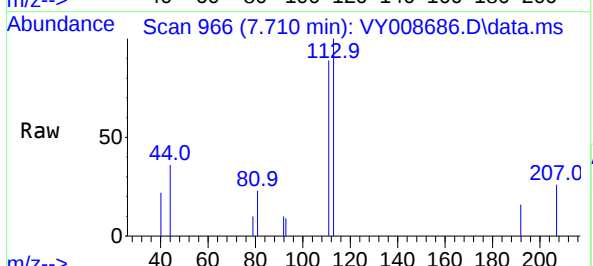
Tgt Ion:113 Resp: 1493

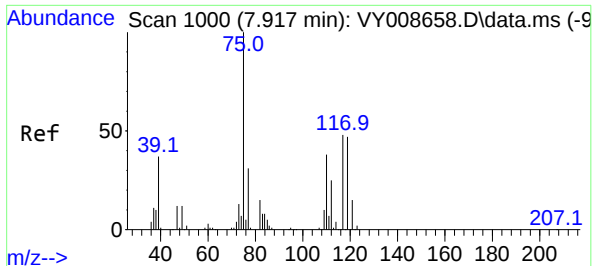
Ion Ratio Lower Upper

113 100

111 97.1 82.6 124.0

192 17.0 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 2.226 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008686.D

Acq: 10 May 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

SB02

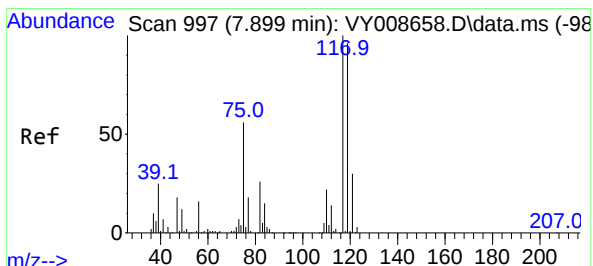
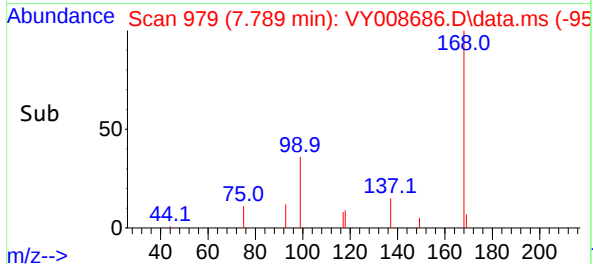
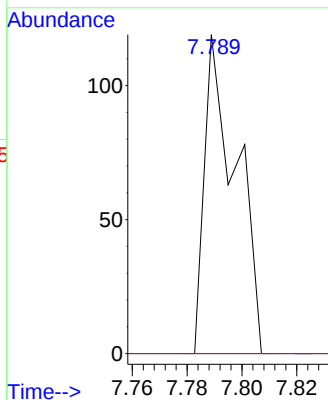
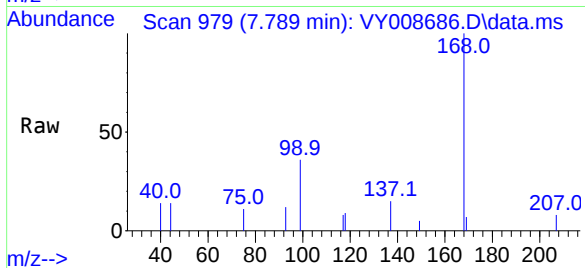
Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 2.942 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008686.D

Acq: 10 May 2022 17:44

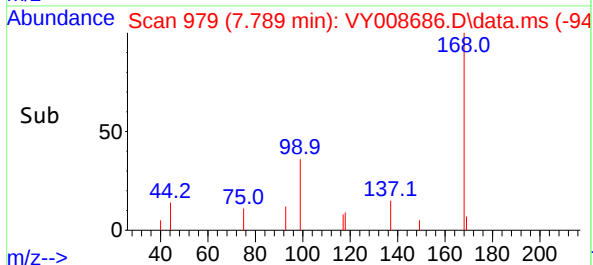
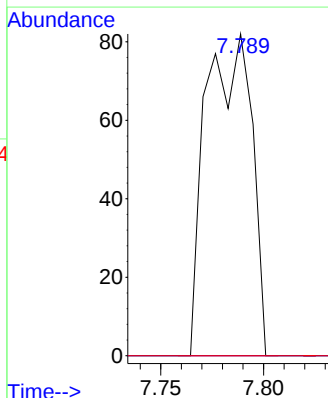
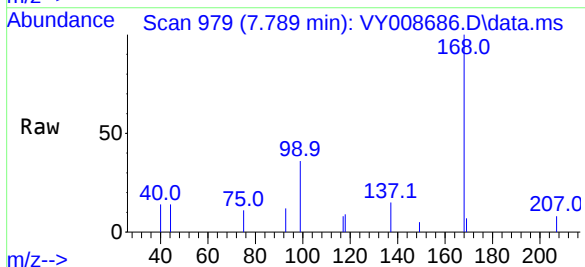
Tgt Ion: 117 Resp: 127

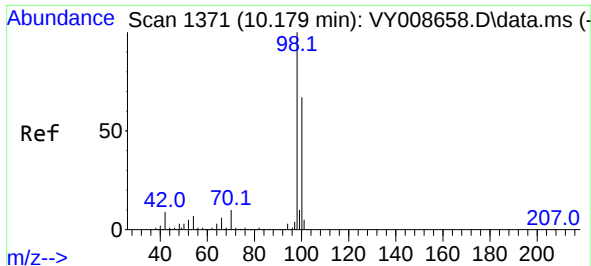
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

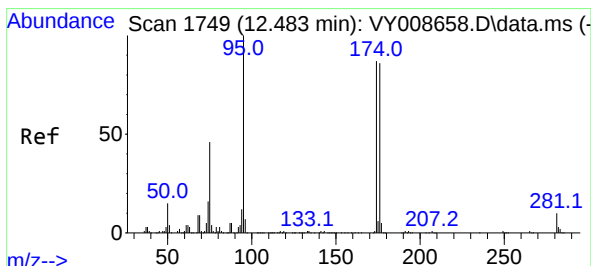
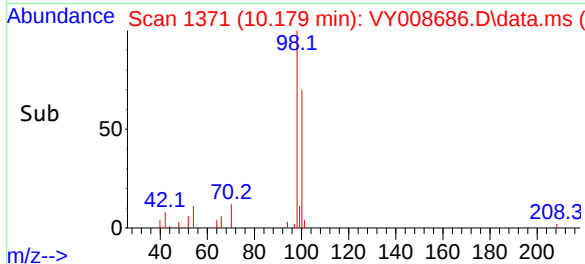
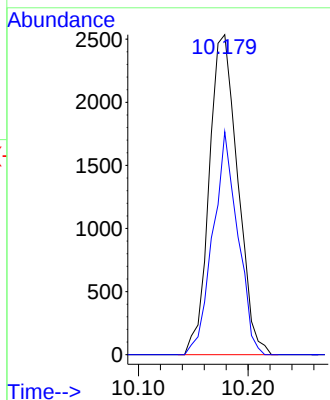
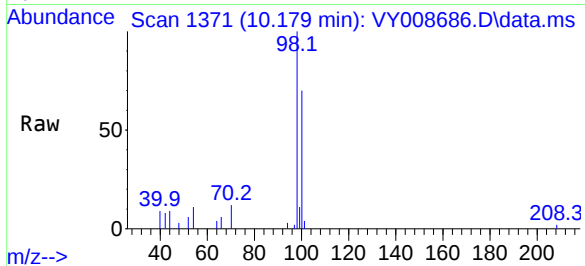




#50
Toluene-d8
Concen: 48.997 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

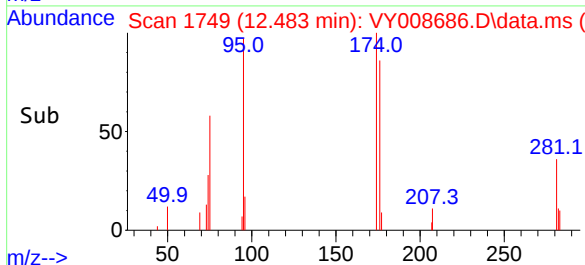
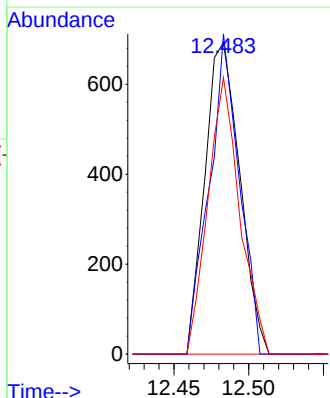
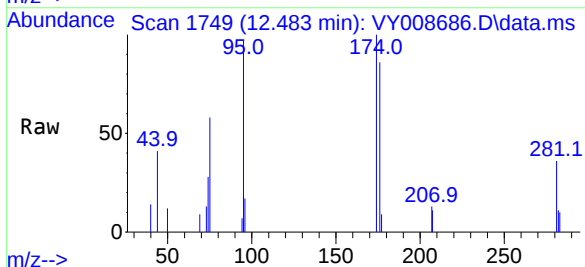
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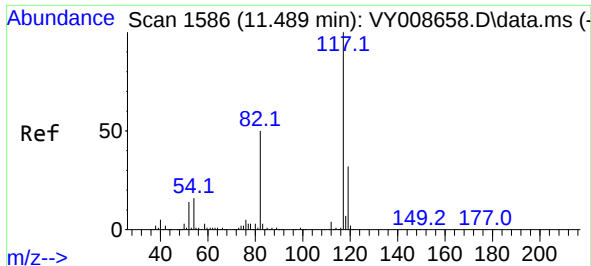
Tgt Ion: 98 Resp: 4587
Ion Ratio Lower Upper
98 100
100 61.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

Tgt Ion: 95 Resp: 1126
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 80.9 0.0 175.8

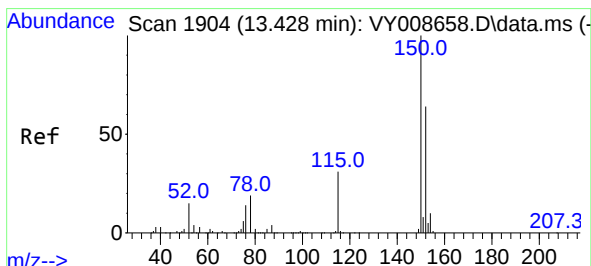
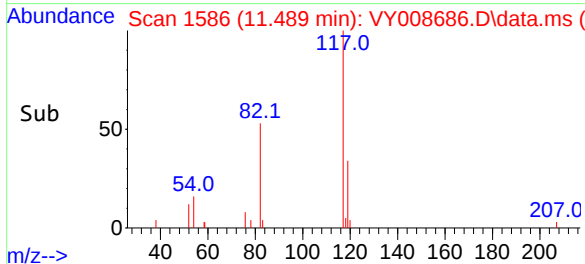
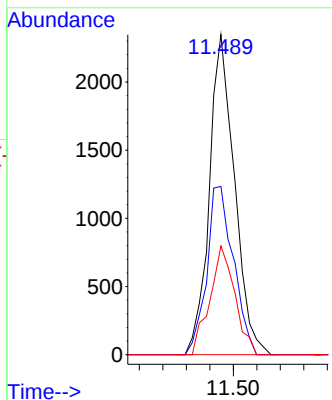
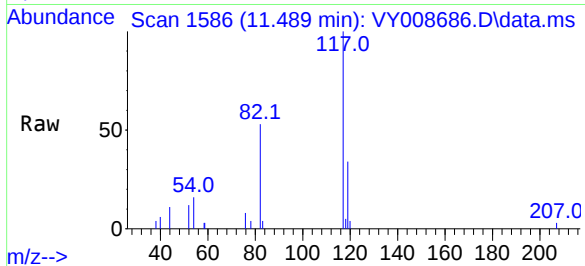




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

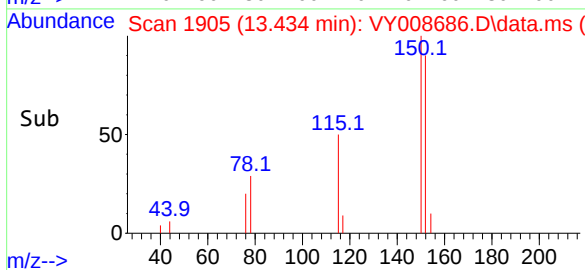
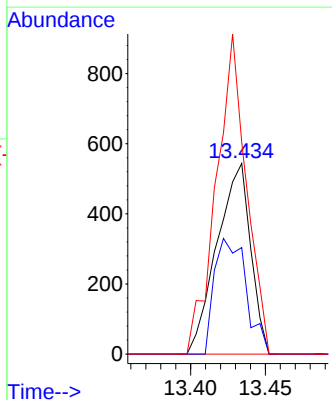
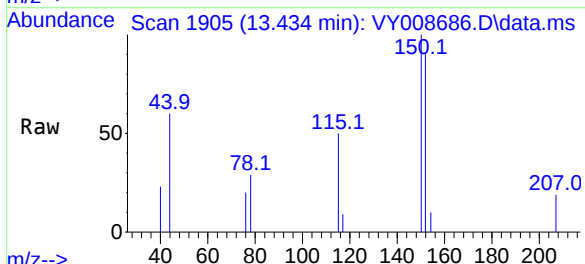
Instrument :
MSVOA_Y
ClientSampleId :
SB02

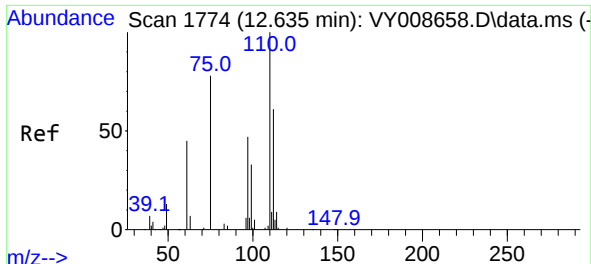
Tgt Ion:	117	Resp:	3496
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	34.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

Tgt Ion:	152	Resp:	849
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	150.4	0.0	347.6

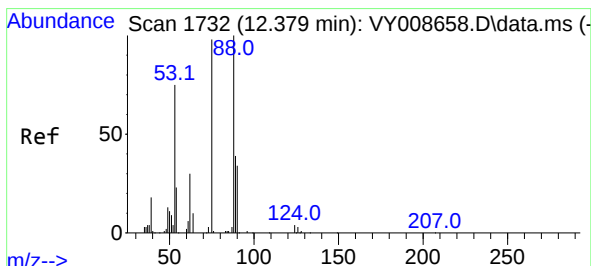
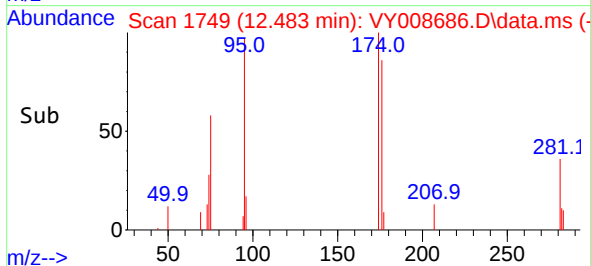
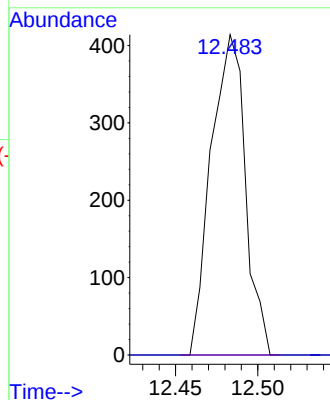
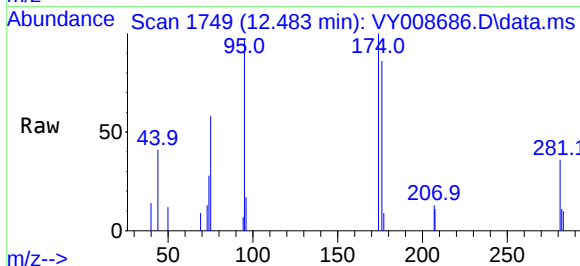




#76
1,2,3-Trichloropropane
Concen: 62.797 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

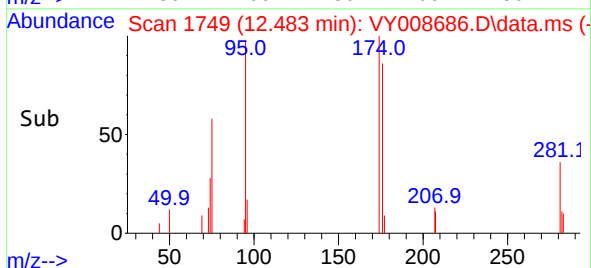
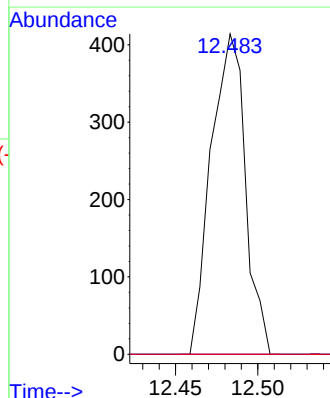
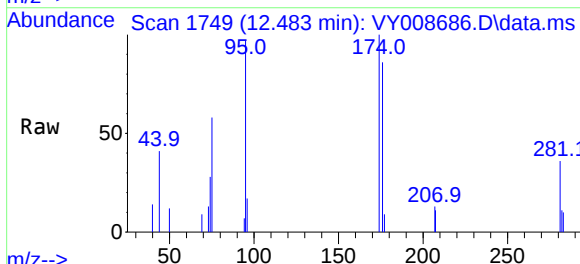
Instrument :
MSVOA_Y
ClientSampleId :
SB02

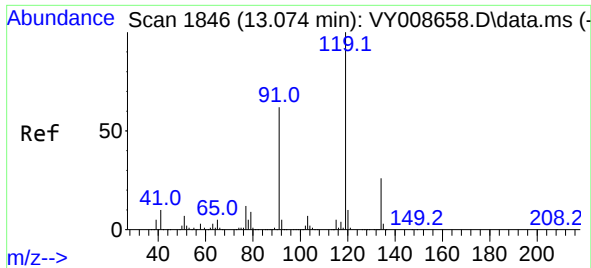
Tgt Ion: 75 Resp: 601
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 124.938 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

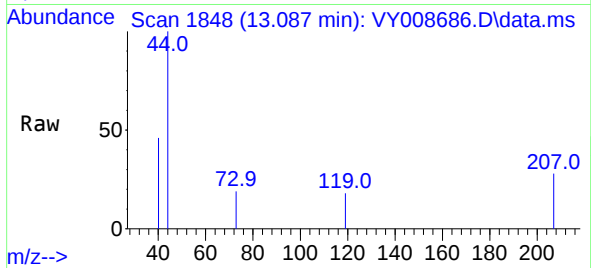
Tgt Ion: 75 Resp: 601
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#83
tert-Butylbenzene
Concen: 1.018 ug/l
RT: 13.087 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008686.D
Acq: 10 May 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
SB02



Tgt Ion:	119	Resp:	48
Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.8	104.4#
134	0.0	13.3	39.9#

