

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008488.D
 Acq On : 25 Apr 2022 17:37
 Operator : KP/MD
 Sample : N2548-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8SRE

Quant Time: Apr 26 01:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1464	59.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.060%	
35) Dibromofluoromethane	7.716	113	1083	43.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.760%	
50) Toluene-d8	10.179	98	4354	44.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.040%	
62) 4-Bromofluorobenzene	12.489	95	1277	38.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.860%	

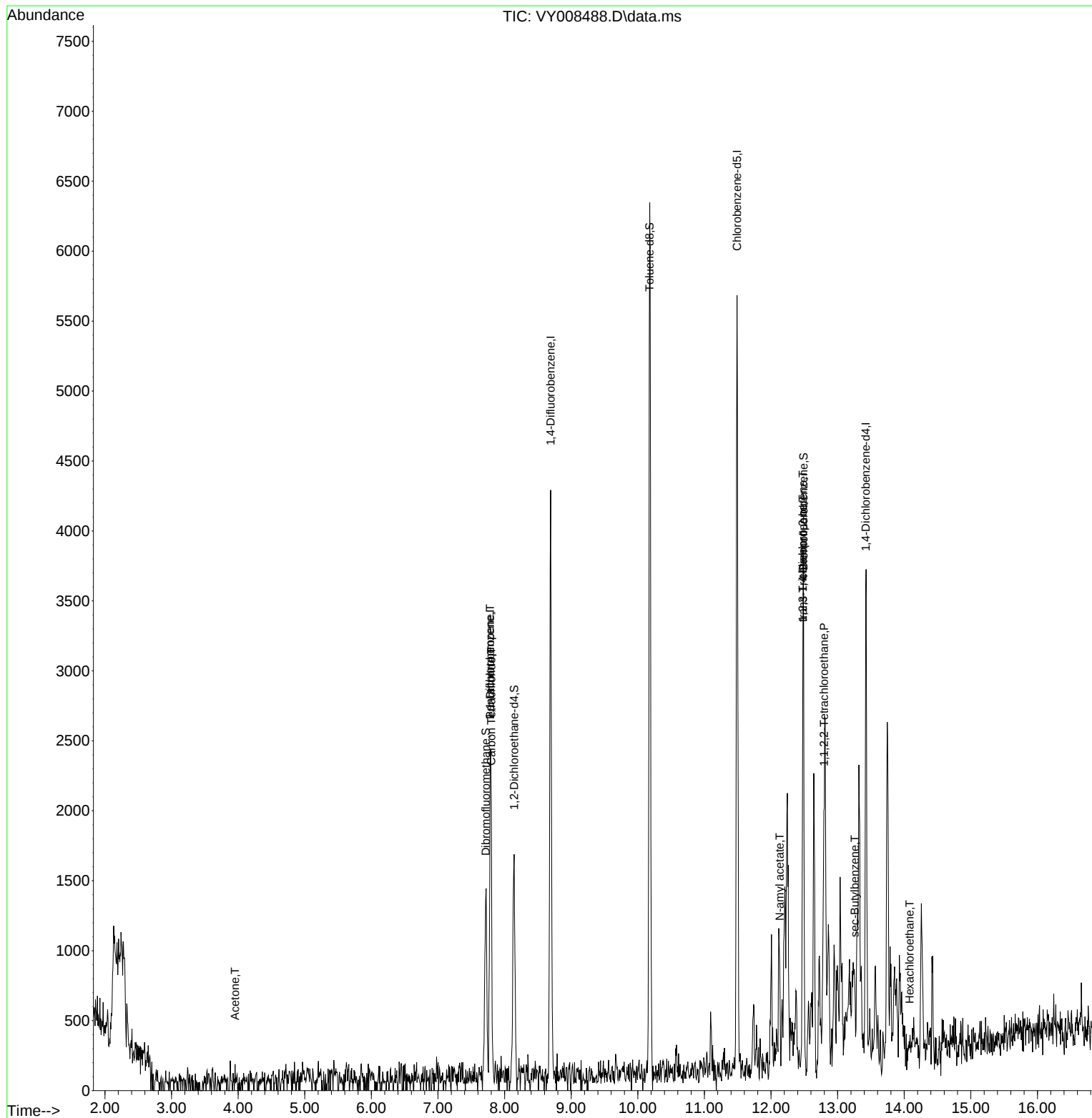
Target Compounds			Qvalue			
16) Acetone	3.954	43	22	3.841	ug/l #	47
20) Methylene Chloride	4.704	84	99	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	173	4.407	ug/l #	42
38) Carbon Tetrachloride	7.801	117	176	4.315	ug/l #	11
74) N-amyl acetate	12.130	43	302	15.122	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.794	83	151	8.362	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	679	49.218	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	679	114.180	ug/l #	7
85) sec-Butylbenzene	13.257	105	145	1.650	ug/l #	56
90) Hexachloroethane	14.081	117	58	4.383	ug/l #	6

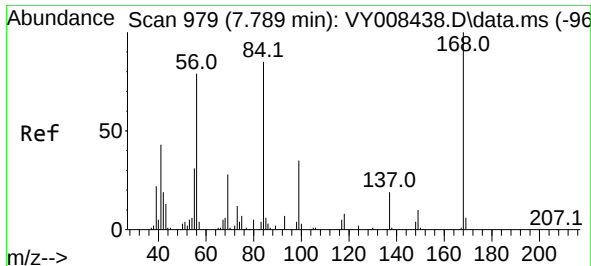
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

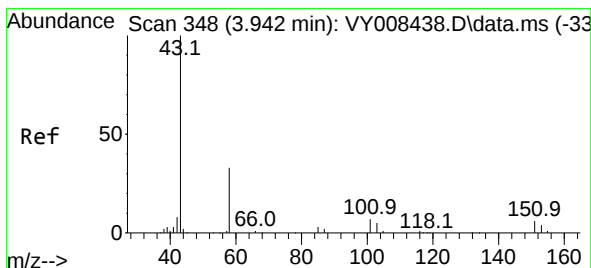
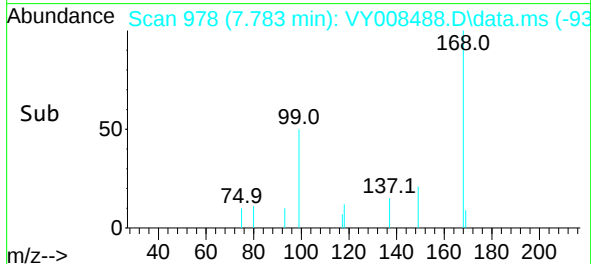
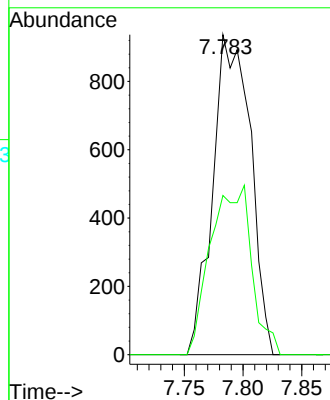
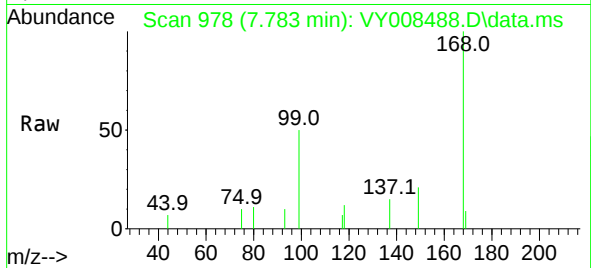




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

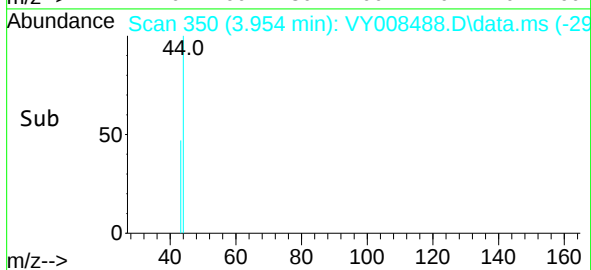
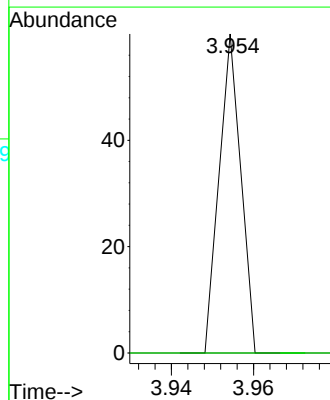
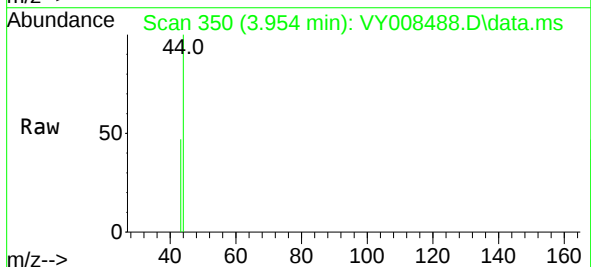
Instrument :
MSVOA_Y
ClientSampleId :
MH-8SRE

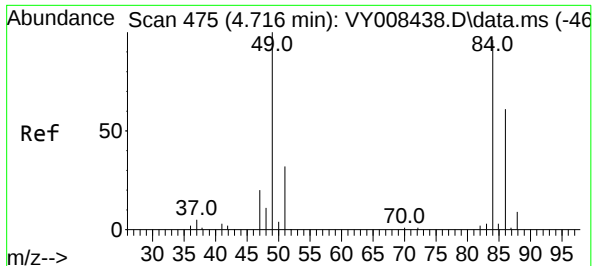
Tgt Ion:168 Resp: 2090
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#16
Acetone
Concen: 3.841 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY008488.D

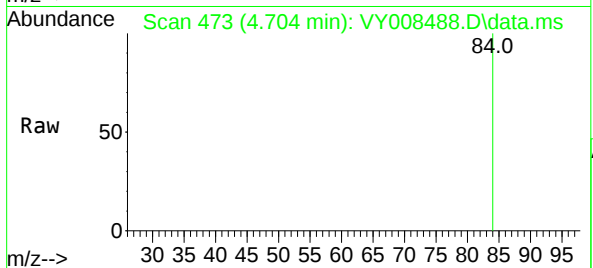
Acq: 25 Apr 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MH-8SRE



Tgt Ion: 84 Resp: 99

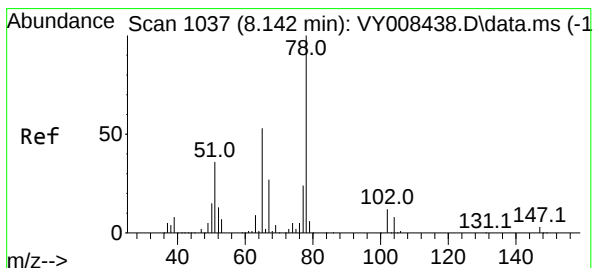
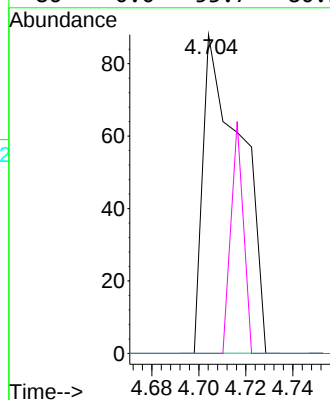
Ion Ratio Lower Upper

84 100

49 0.0 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#



#33

1,2-Dichloroethane-d4

Concen: 59.533 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008488.D

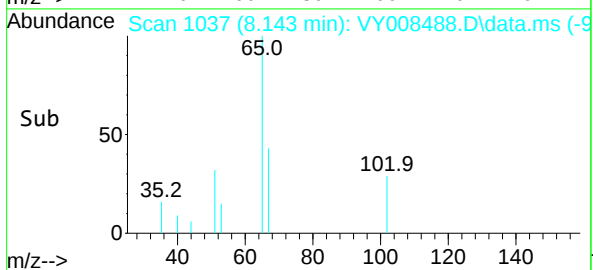
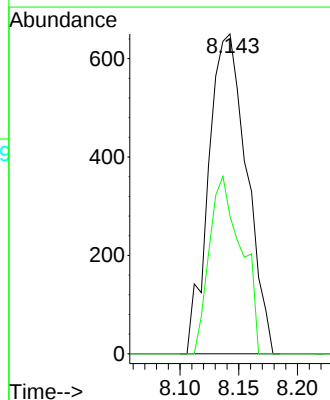
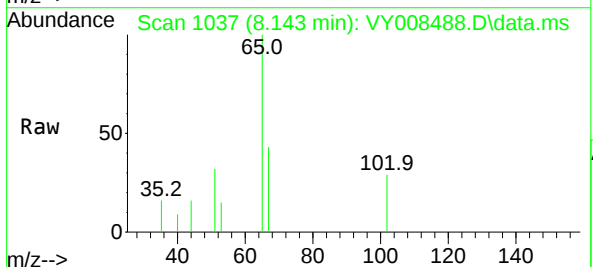
Acq: 25 Apr 2022 17:37

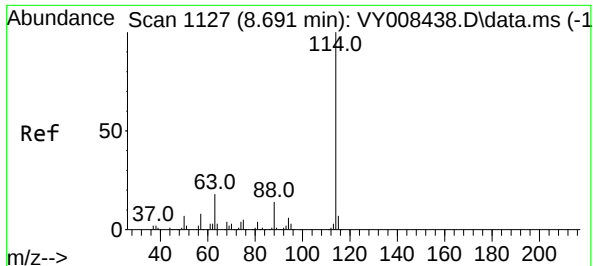
Tgt Ion: 65 Resp: 1464

Ion Ratio Lower Upper

65 100

67 46.8 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: VY008488.D

Acq: 25 Apr 2022 17:37

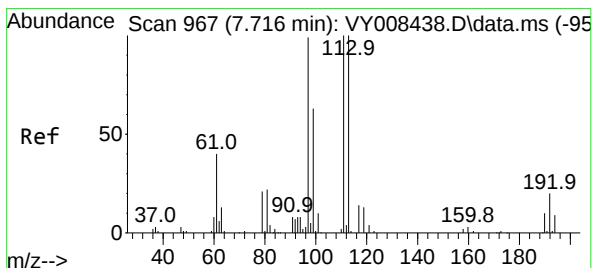
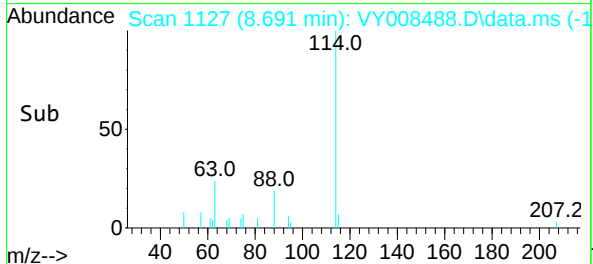
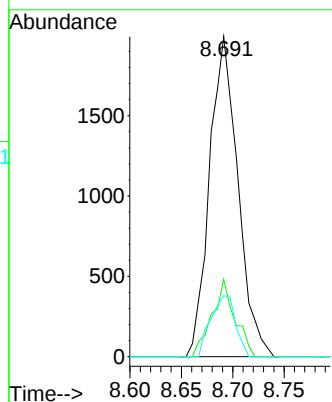
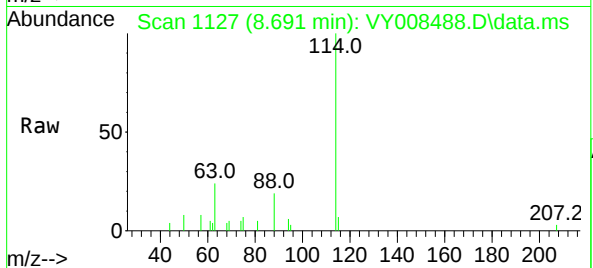
Instrument :

MSVOA_Y

ClientSampleId :

MH-8SRE

Tgt Ion:114	Resp:	3824
Ion	Ratio	Lower Upper
114	100	
63	24.1	0.0 43.2
88	19.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 43.883 ug/l

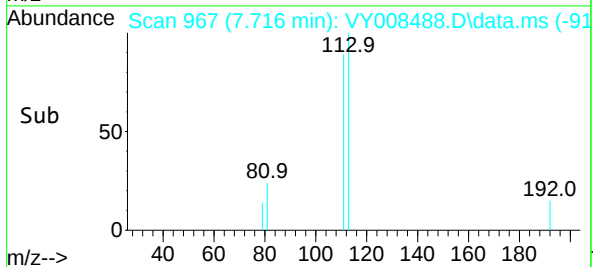
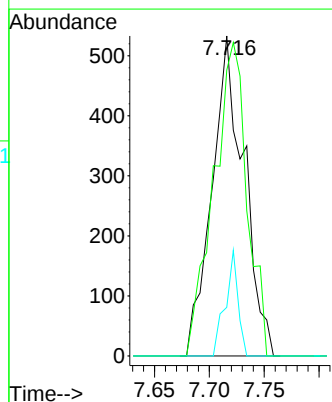
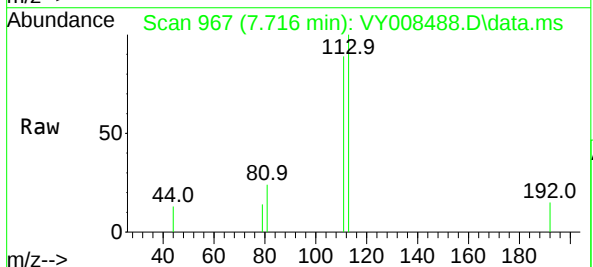
RT: 7.716 min Scan# 967

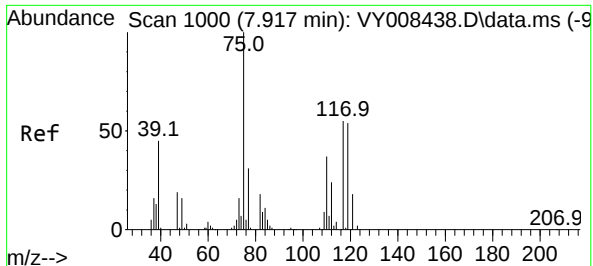
Delta R.T. -0.000 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

Tgt Ion:113	Resp:	1083
Ion	Ratio	Lower Upper
113	100	
111	102.3	82.6 124.0
192	13.0	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.407 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MH-8SRE

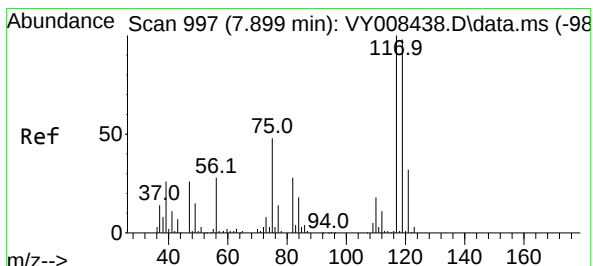
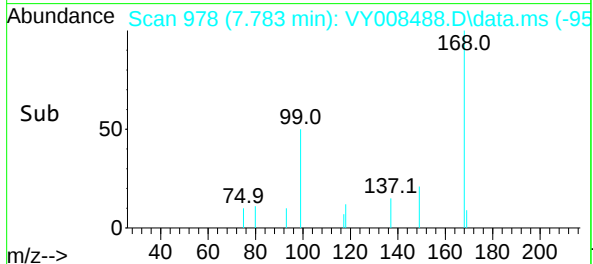
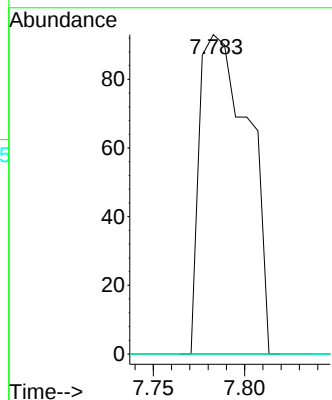
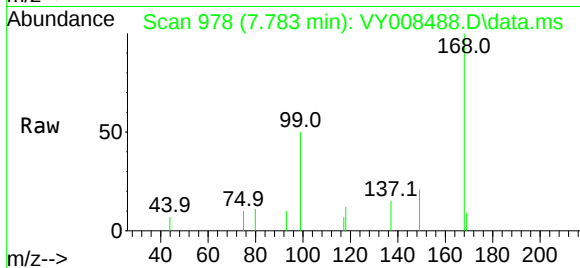
Tgt Ion: 75 Resp: 173

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.315 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.098 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

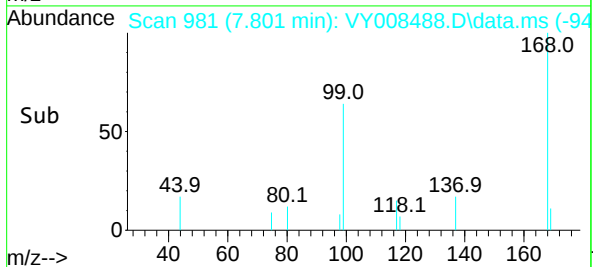
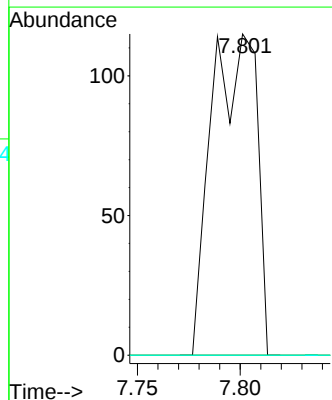
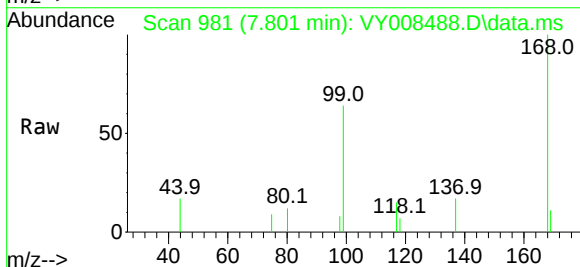
Tgt Ion: 117 Resp: 176

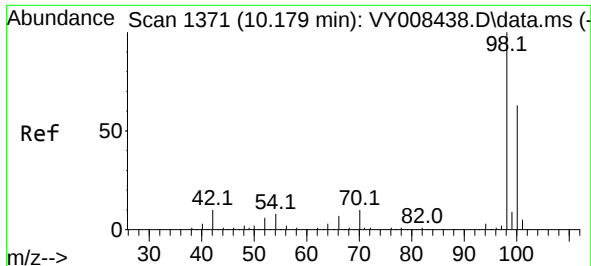
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

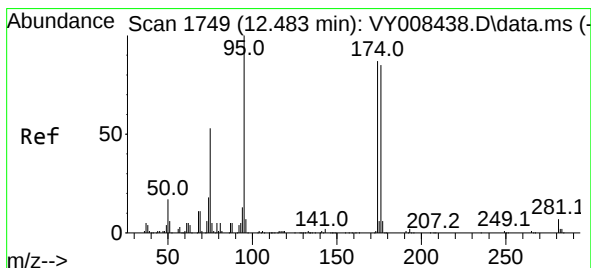
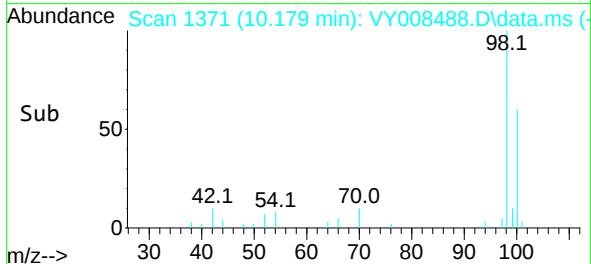
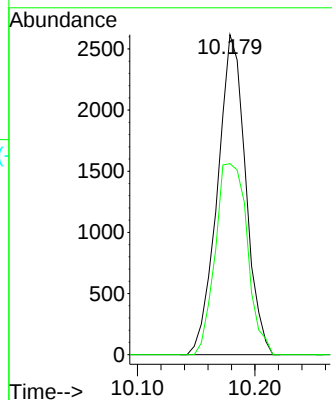
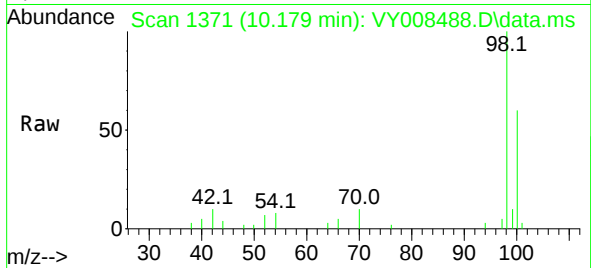




#50
Toluene-d8
Concen: 44.518 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

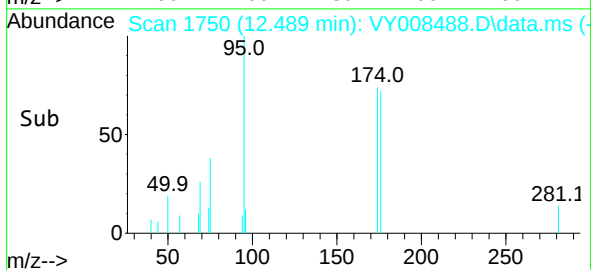
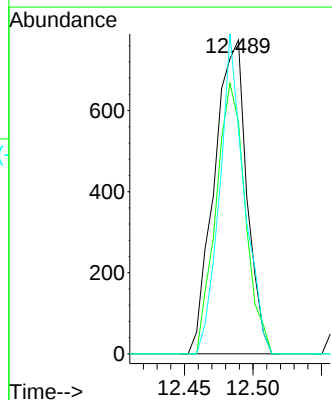
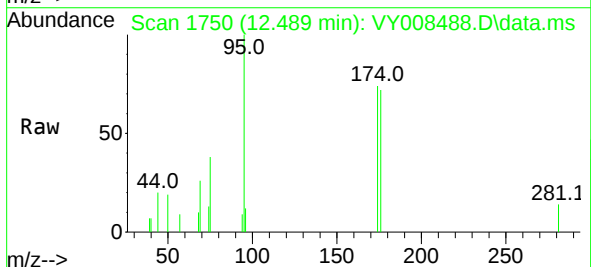
Instrument :
MSVOA_Y
ClientSampleId :
MH-8SRE

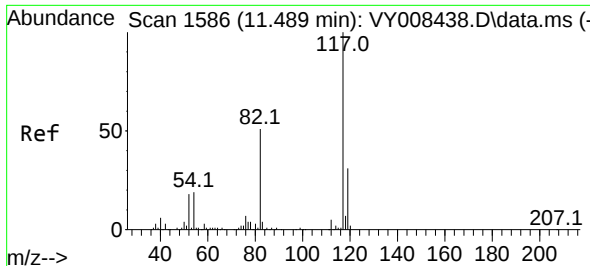
Tgt Ion: 98 Resp: 4354
Ion Ratio Lower Upper
98 100
100 67.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.427 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

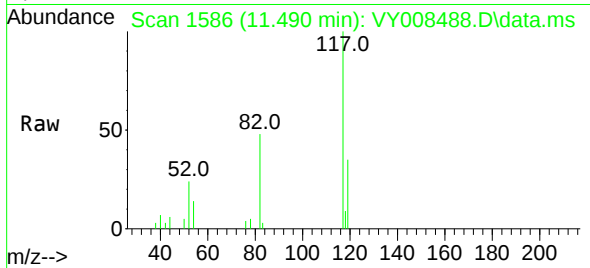
Tgt Ion: 95 Resp: 1277
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 77.0 0.0 175.8



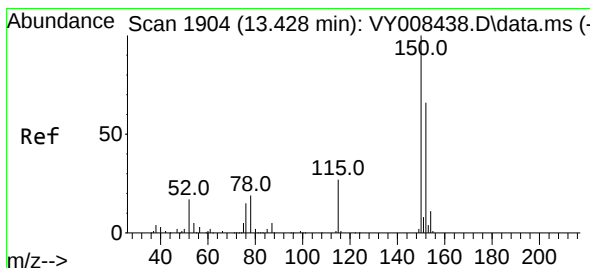
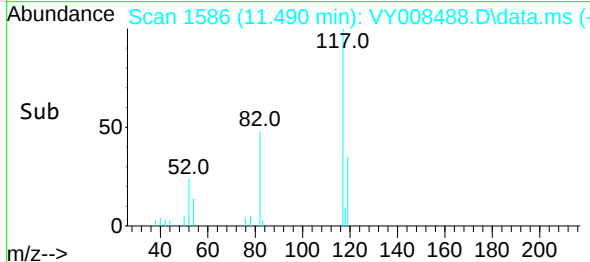
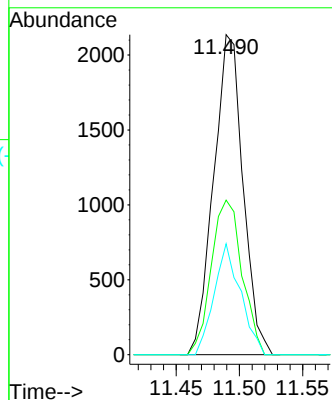


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MH-8SRE

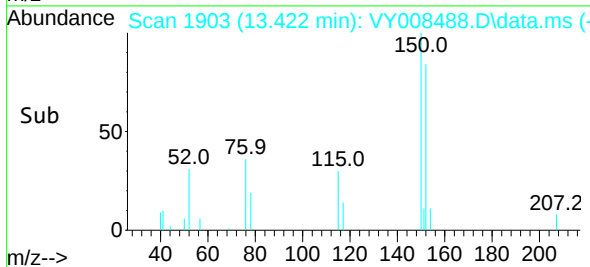
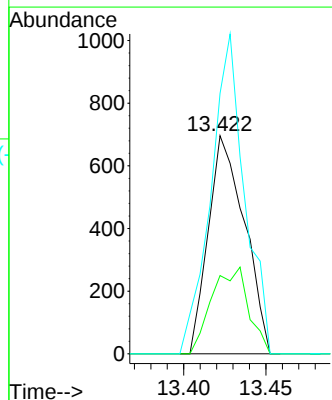
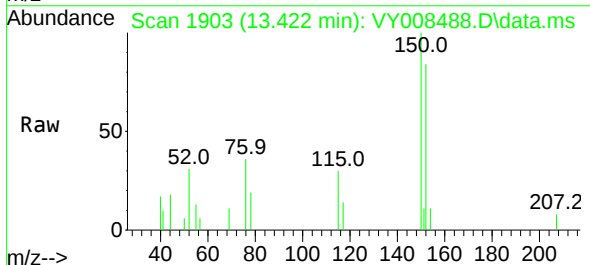


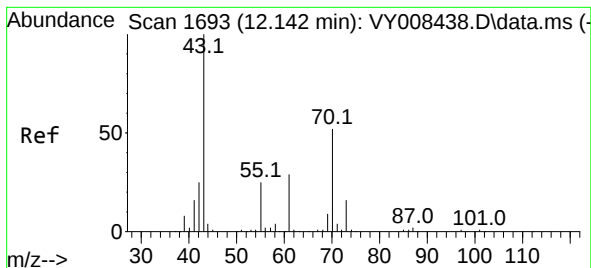
Tgt Ion:	117	Resp:	3446
Ion	Ratio	Lower	Upper
117	100		
82	48.3	43.0	64.4
119	34.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

Tgt Ion:	152	Resp:	1066
Ion	Ratio	Lower	Upper
152	100		
115	40.2	28.2	84.7
150	136.3	0.0	347.6





#74

N-amy1 acetate

Concen: 15.122 ug/l

RT: 12.130 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MH-8SRE

Tgt Ion: 43 Resp: 302

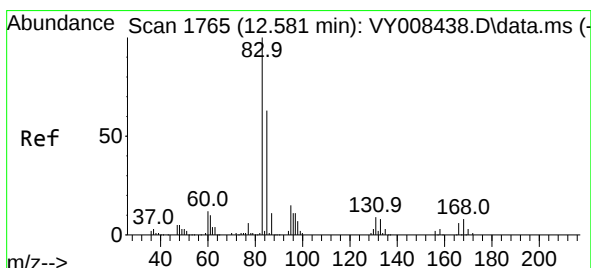
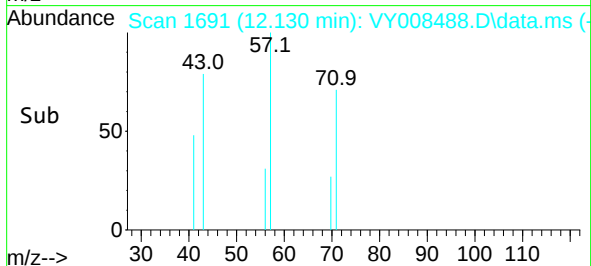
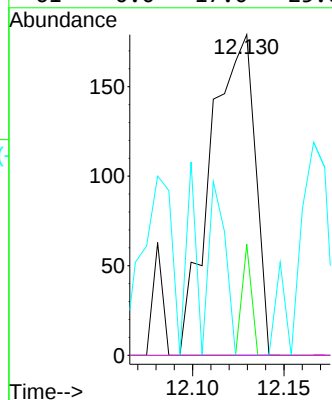
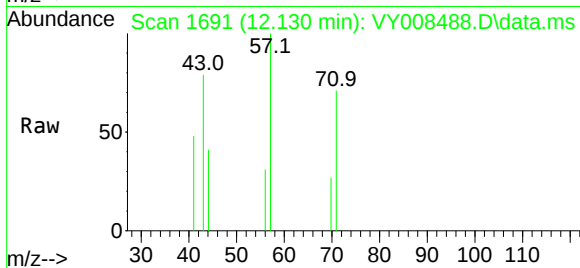
Ion Ratio Lower Upper

43 100

70 7.6 28.7 43.1#

55 20.2 17.3 25.9

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 8.362 ug/l

RT: 12.794 min Scan# 1800

Delta R.T. 0.213 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

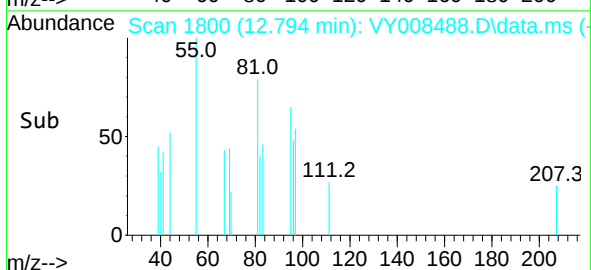
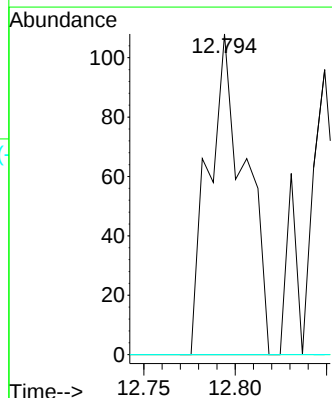
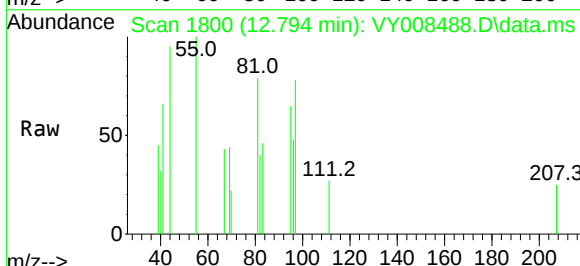
Tgt Ion: 83 Resp: 151

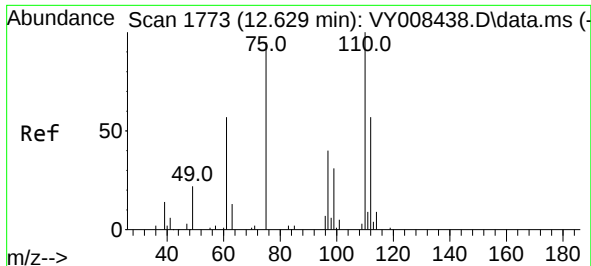
Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.3 96.8#

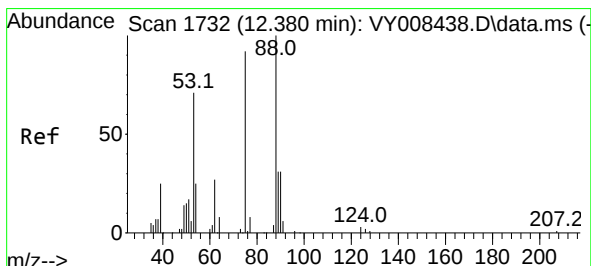
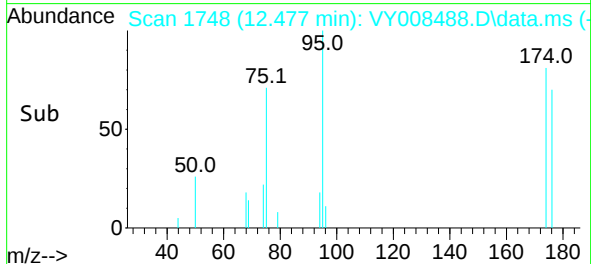
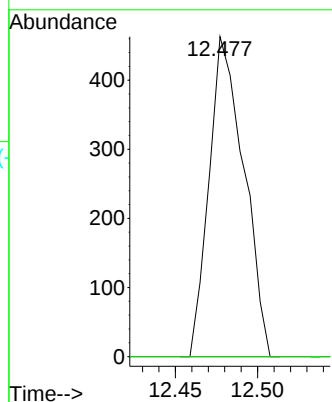
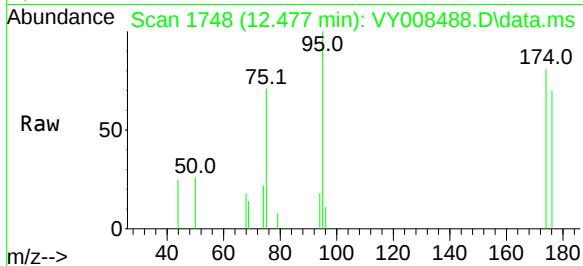




#76
1,2,3-Trichloropropane
Concen: 49.218 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

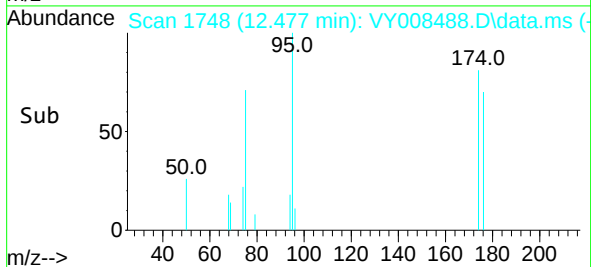
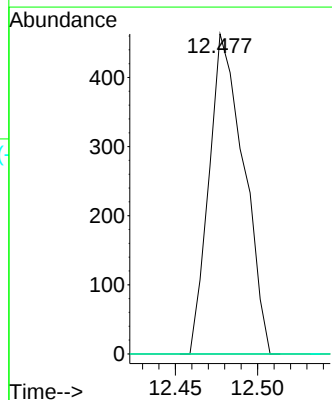
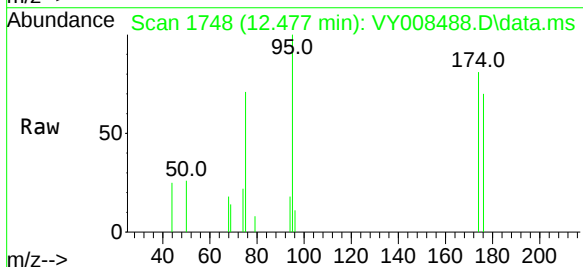
Instrument :
MSVOA_Y
ClientSampleId :
MH-8SRE

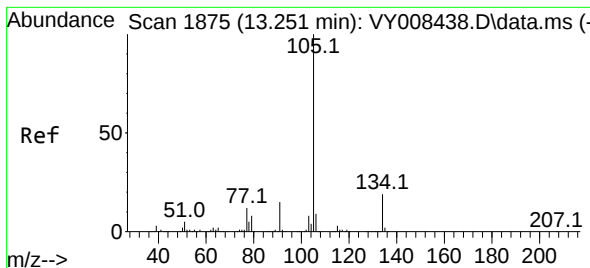
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 114.180 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008488.D
Acq: 25 Apr 2022 17:37

Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#85

sec-Butylbenzene

Concen: 1.650 ug/l

RT: 13.257 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

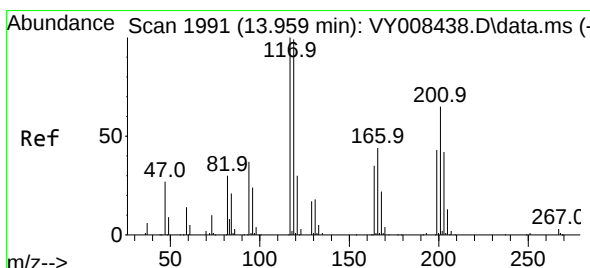
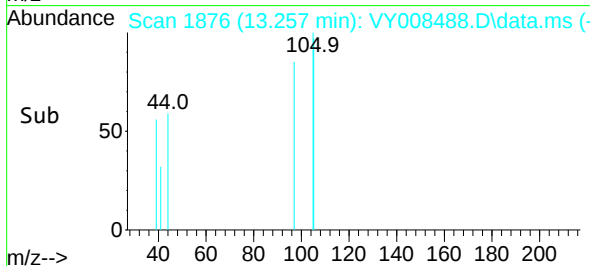
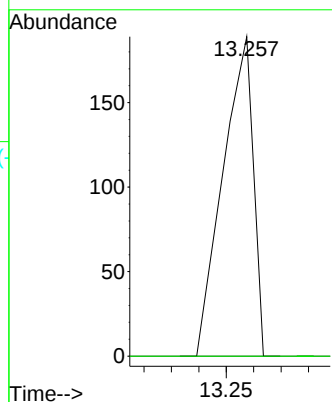
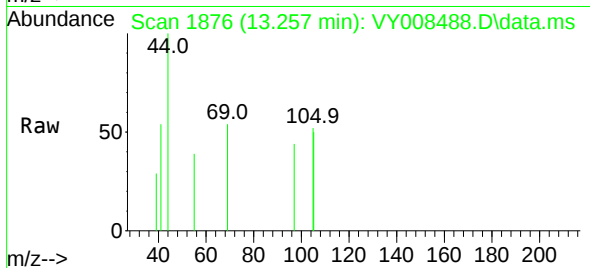
MH-8SRE

Tgt Ion:105 Resp: 145

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#90

Hexachloroethane

Concen: 4.383 ug/l

RT: 14.081 min Scan# 2011

Delta R.T. 0.122 min

Lab File: VY008488.D

Acq: 25 Apr 2022 17:37

Tgt Ion:117 Resp: 58

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

