

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008592.D
 Acq On : 03 May 2022 15:19
 Operator : KP/MD
 Sample : N2616-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18D

Quant Time: May 04 02:41:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

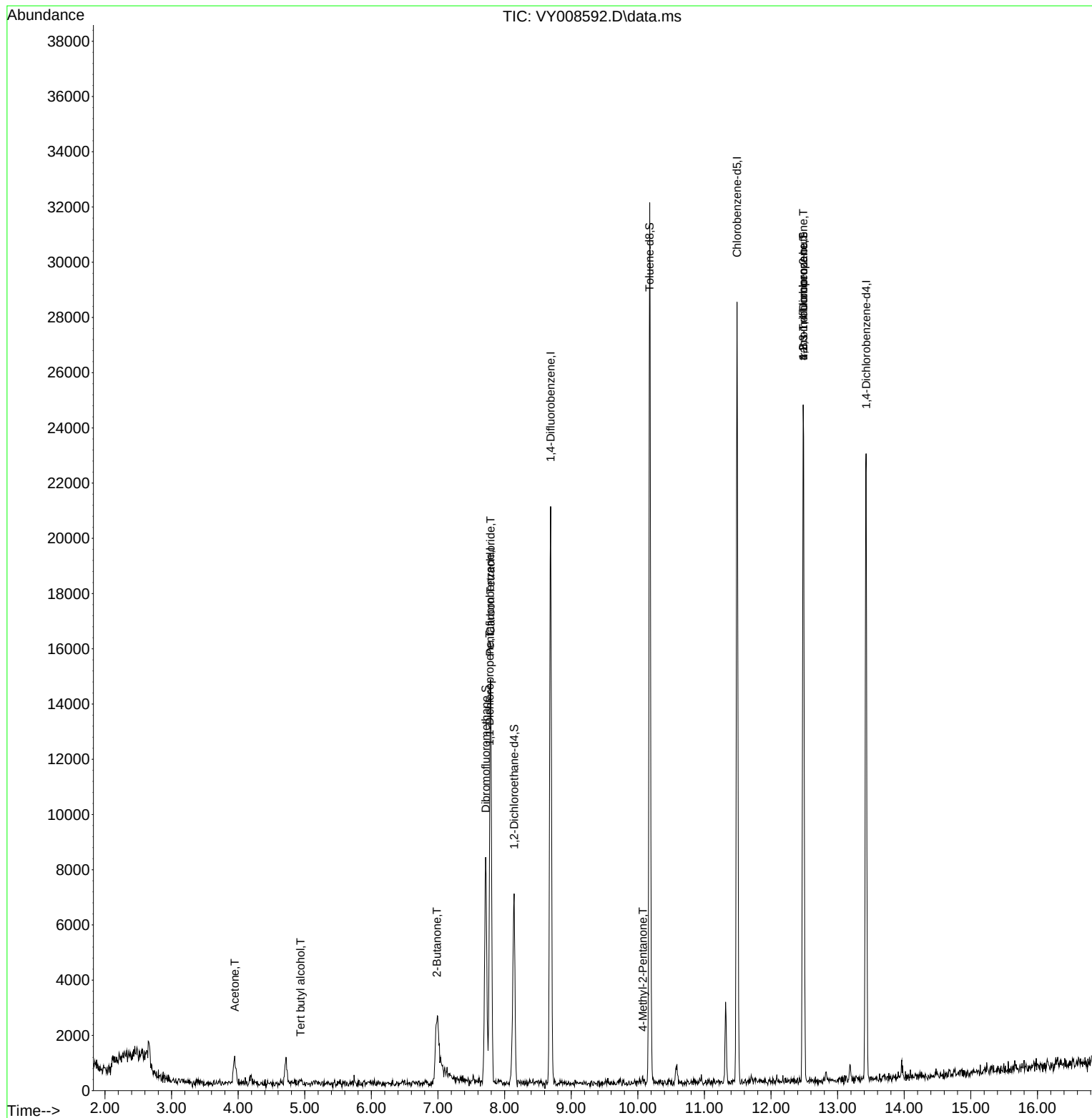
Internal Standards						
1) Pentafluorobenzene	7.783	168	13121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	19231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5233	41.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.060%
35) Dibromofluoromethane	7.715	113	6012	47.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.178	98	21892	48.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.483	95	5876	35.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	270	Below Cal		98
11) Tert butyl alcohol	4.936	59	351	6.566	ug/l #	77
16) Acetone	3.948	43	1831	66.637	ug/l	99
20) Methylene Chloride	4.722	84	822	Below Cal	#	38
25) 2-Butanone	6.984	43	107	2.426	ug/l #	54
36) 1,1-Dichloropropene	7.776	75	1075	5.433	ug/l #	46
38) Carbon Tetrachloride	7.789	117	1107	4.904	ug/l #	11
51) 4-Methyl-2-Pentanone	10.075	43	131	1.352	ug/l #	76
76) 1,2,3-Trichloropropane	12.483	75	3051	42.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3051	86.114	ug/l #	7

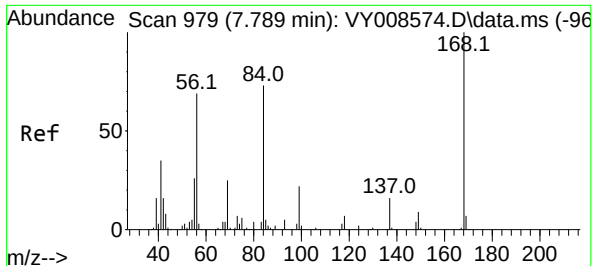
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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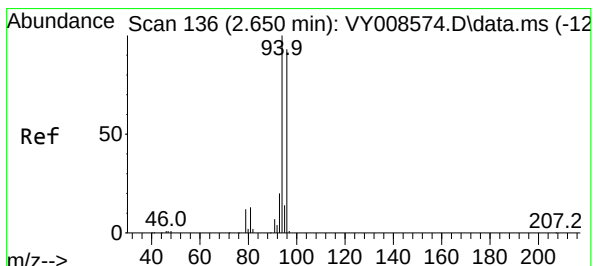
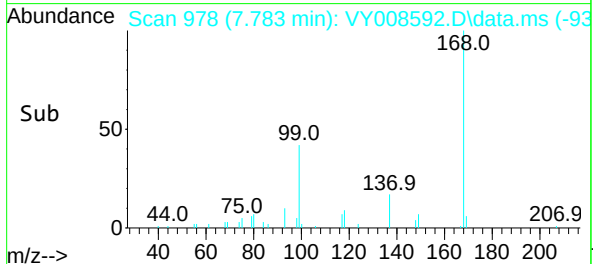
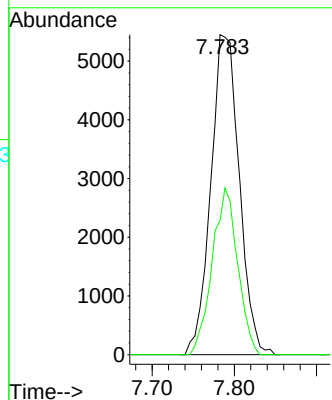
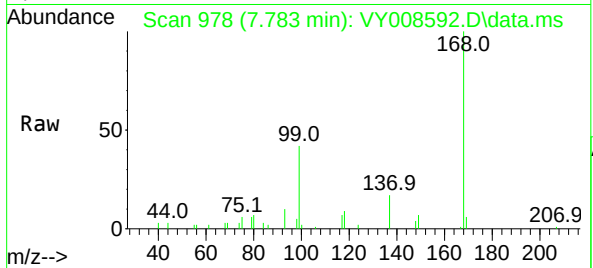




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

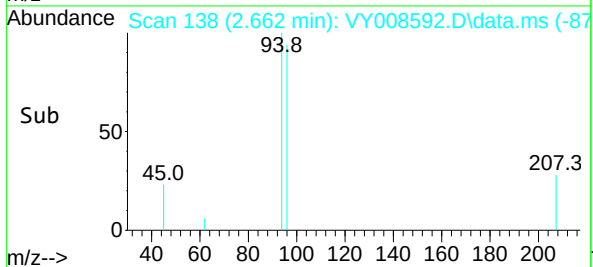
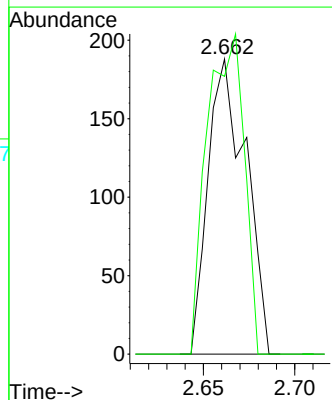
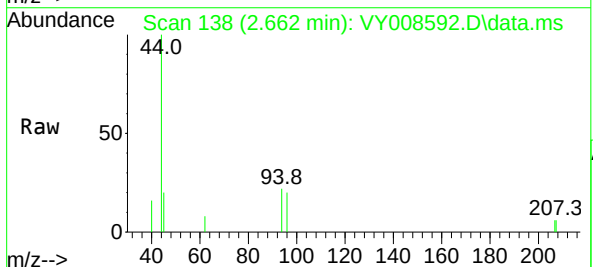
Instrument :
MSVOA_Y
ClientSampleId :
MH-18D

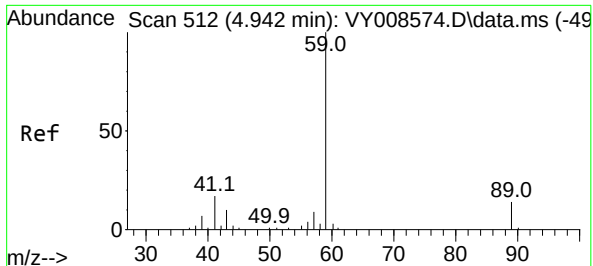
Tgt Ion:168 Resp: 13121
Ion Ratio Lower Upper
168 100
99 42.0 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3

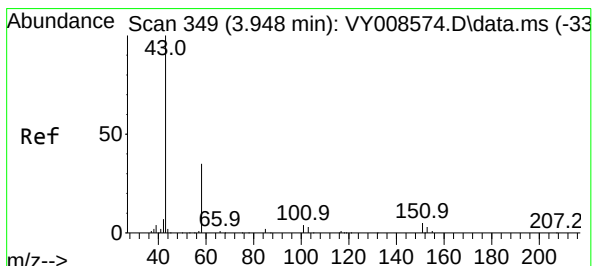
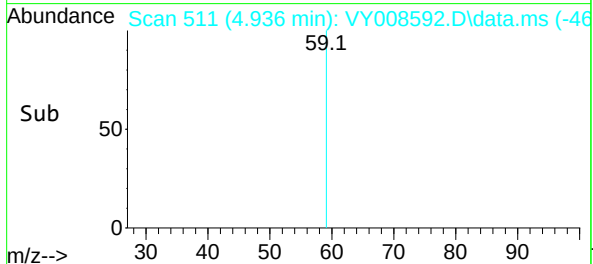
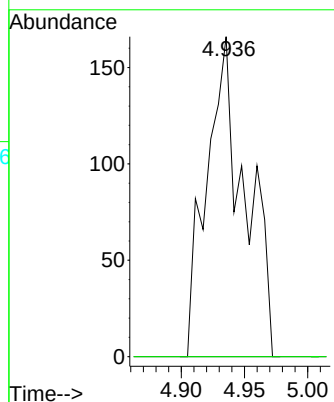
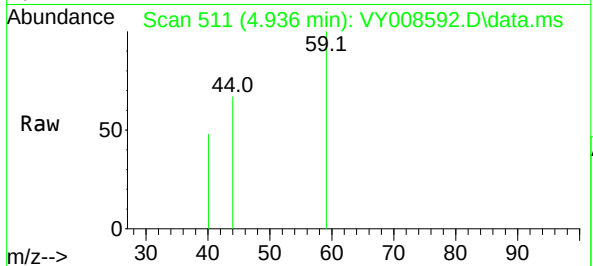




#11
Tert butyl alcohol
Concen: 6.566 ug/l
RT: 4.936 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

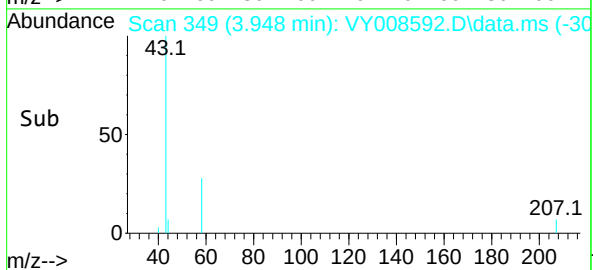
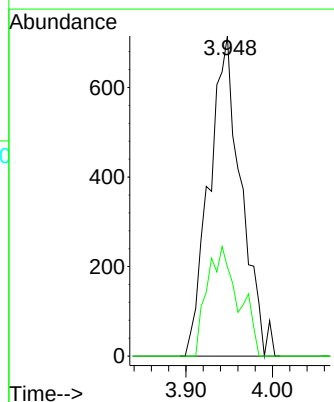
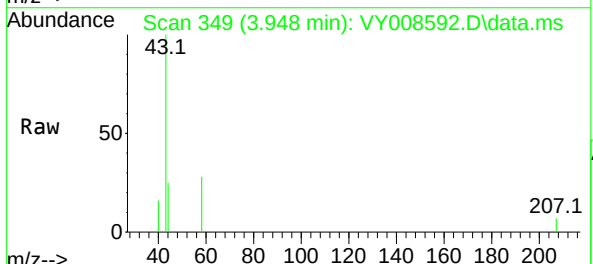
Instrument :
MSVOA_Y
ClientSampleId :
MH-18D

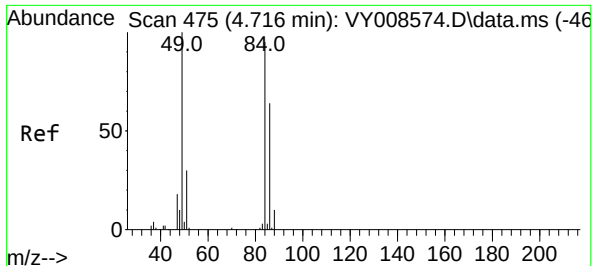
Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 66.637 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008592.D

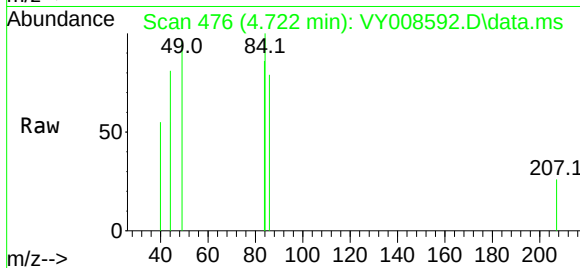
Acq: 03 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

MH-18D



Tgt Ion: 84 Resp: 822

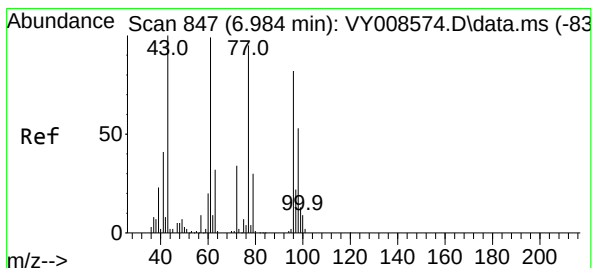
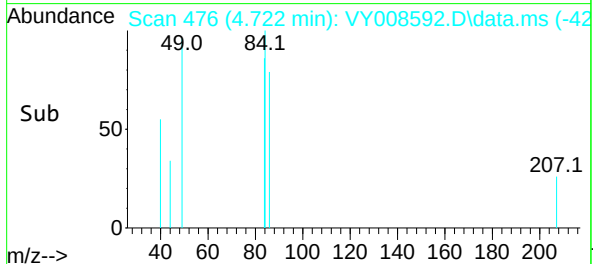
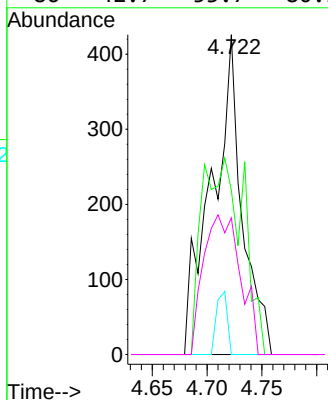
Ion Ratio Lower Upper

84 100

49 51.4 114.4 171.6#

51 0.0 35.3 52.9#

86 42.7 53.7 80.5#



#25

2-Butanone

Concen: 2.426 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008592.D

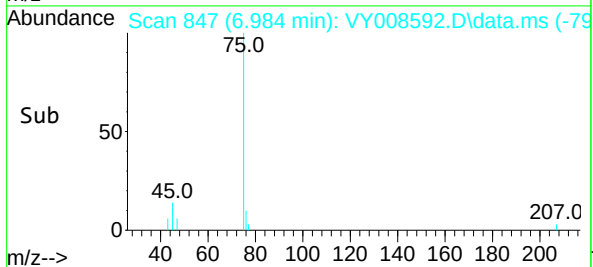
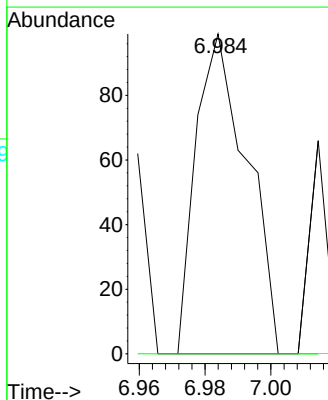
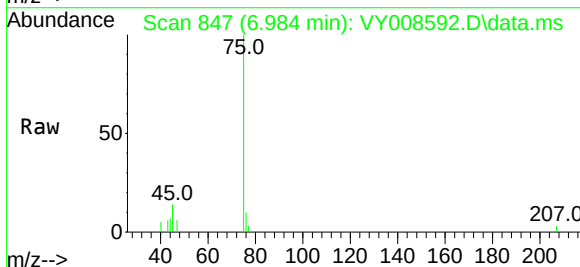
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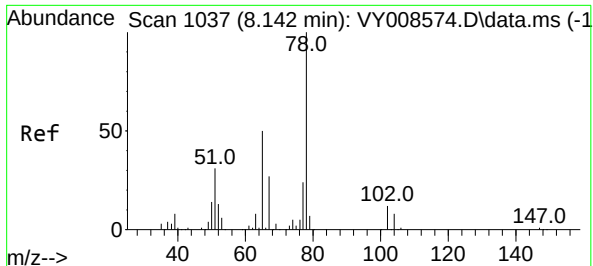
Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 41.035 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008592.D

Acq: 03 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

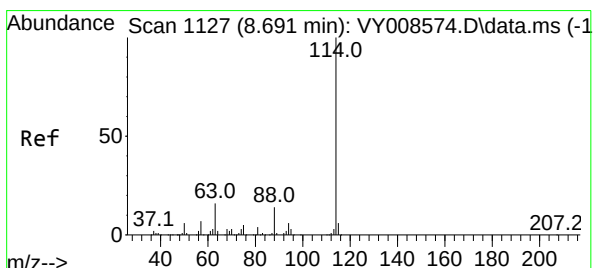
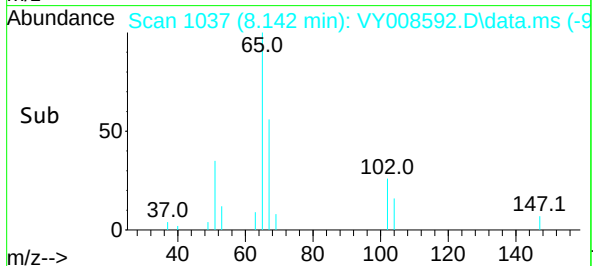
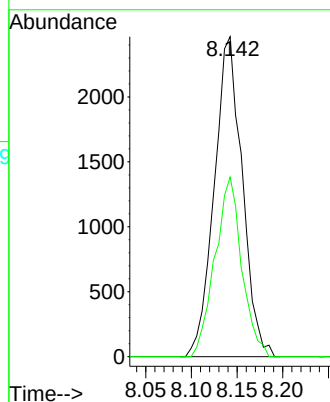
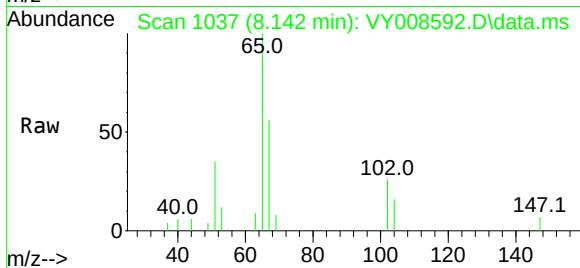
MH-18D

Tgt Ion: 65 Resp: 5233

Ion Ratio Lower Upper

65 100

67 53.8 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: VY008592.D

Acq: 03 May 2022 15:19

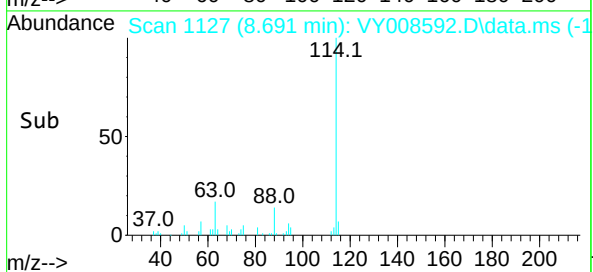
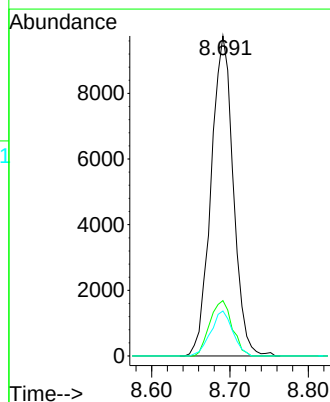
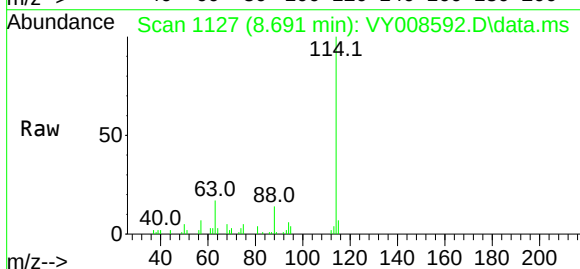
Tgt Ion: 114 Resp: 19231

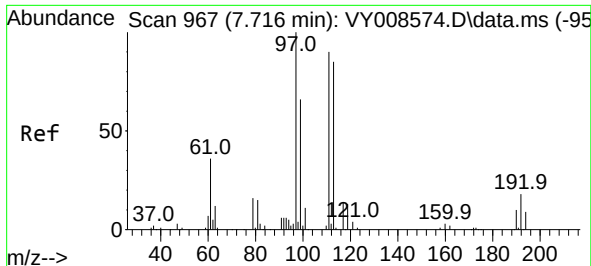
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.1 0.0 31.8

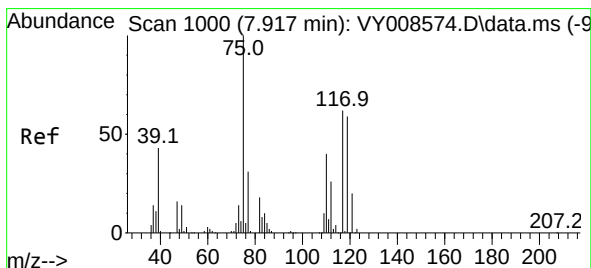
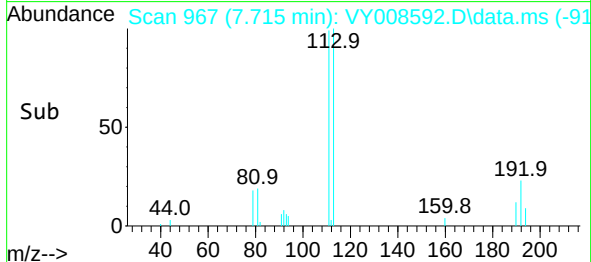
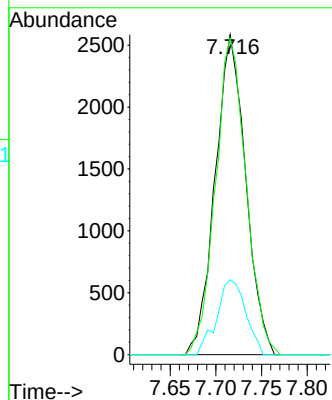
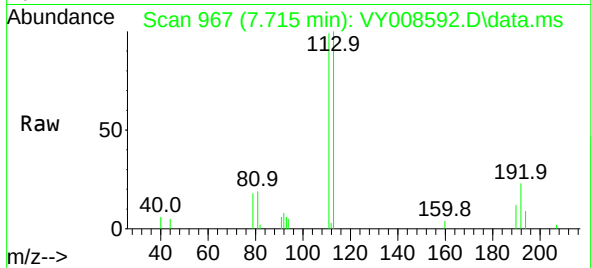




#35
Dibromofluoromethane
Concen: 47.245 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

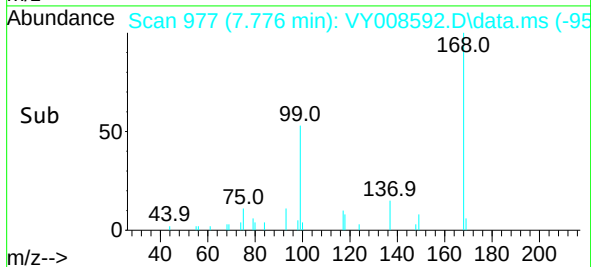
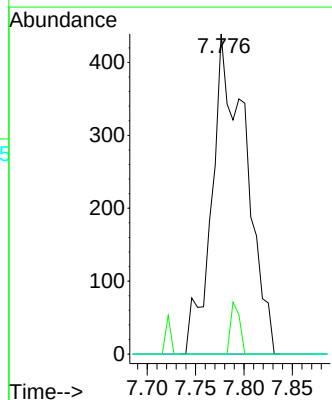
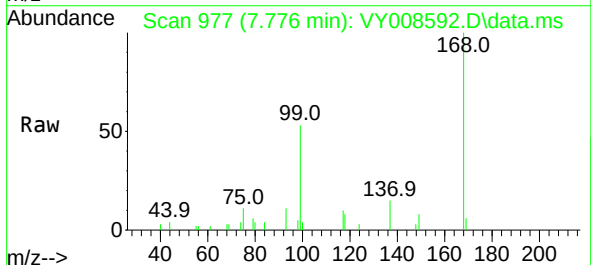
Instrument :
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MH-18D

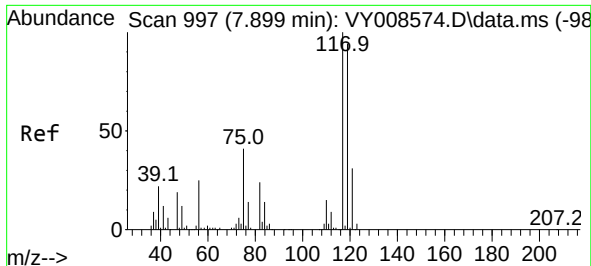
Tgt Ion:113 Resp: 6012
Ion Ratio Lower Upper
113 100
111 98.7 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
110 4.3 17.1 51.2#
77 0.0 24.4 36.6#

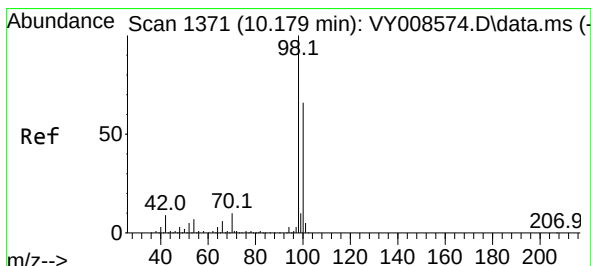
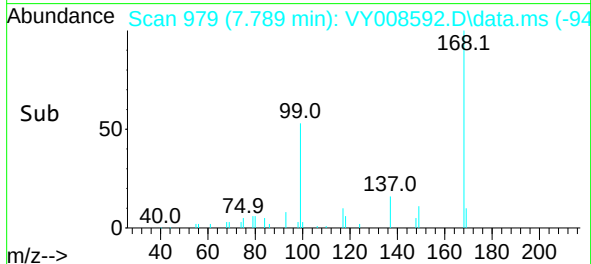
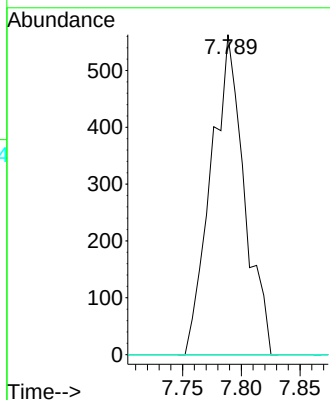
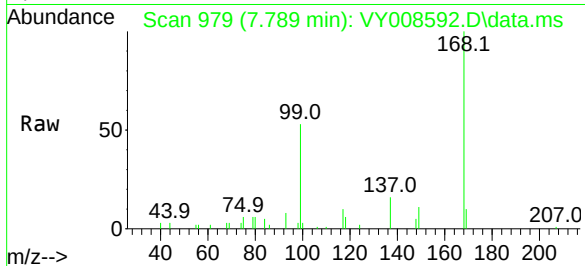




#38
Carbon Tetrachloride
Concen: 4.904 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

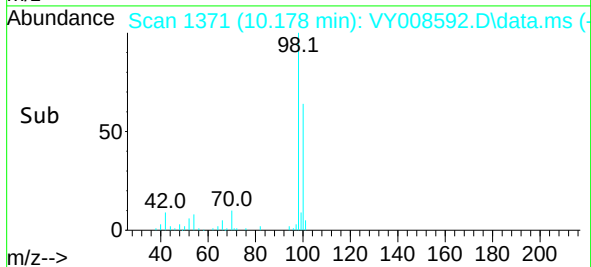
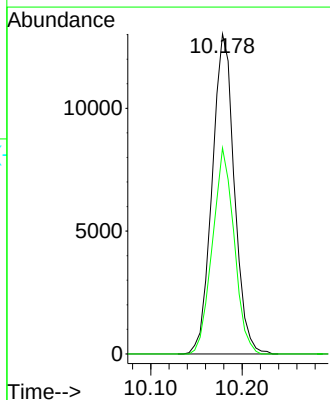
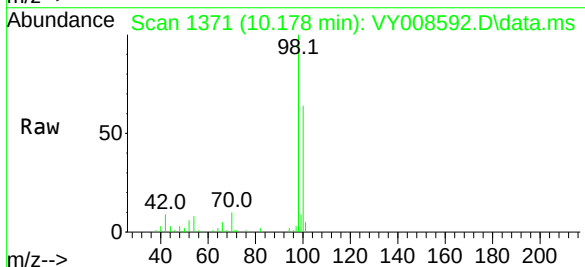
Instrument :
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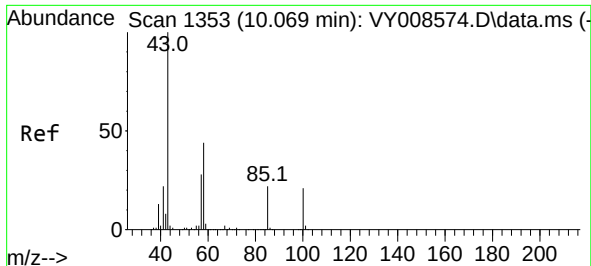
Tgt Ion:117 Resp: 1107
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.560 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion: 98 Resp: 21892
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.352 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY008592.D

Acq: 03 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

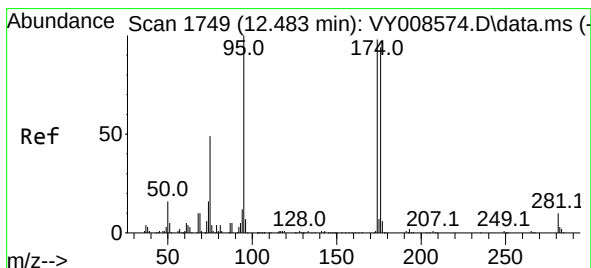
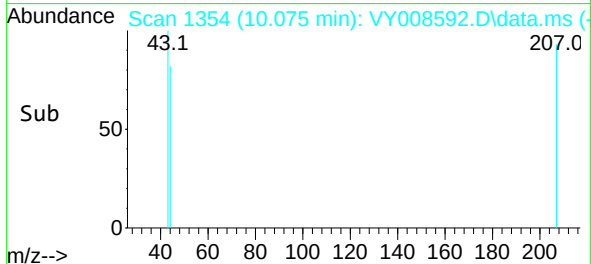
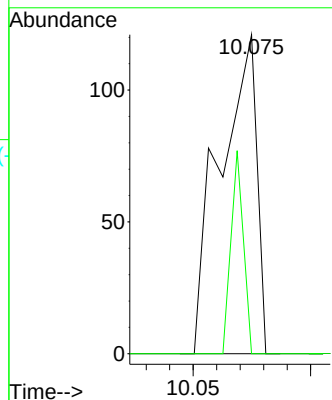
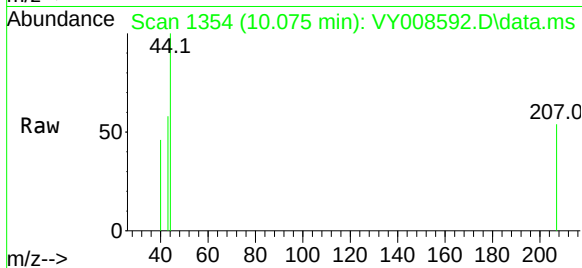
MH-18D

Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

58 21.4 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 35.561 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY008592.D

Acq: 03 May 2022 15:19

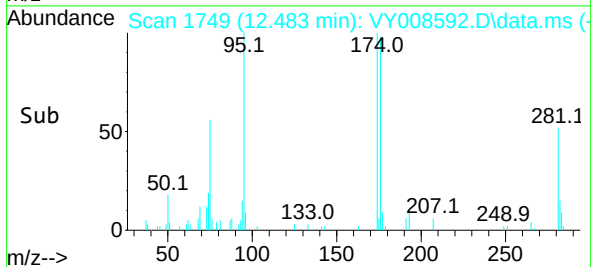
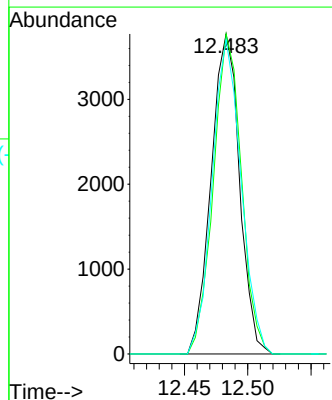
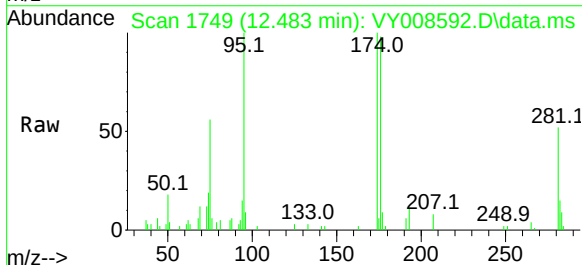
Tgt Ion: 95 Resp: 5876

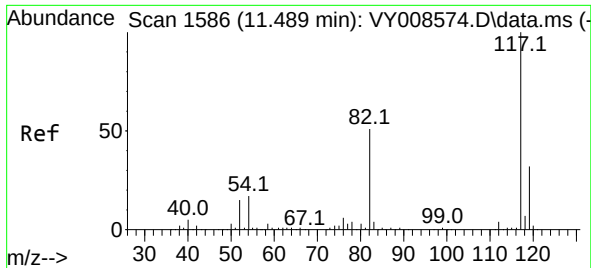
Ion Ratio Lower Upper

95 100

174 98.6 0.0 177.0

176 99.9 0.0 175.8

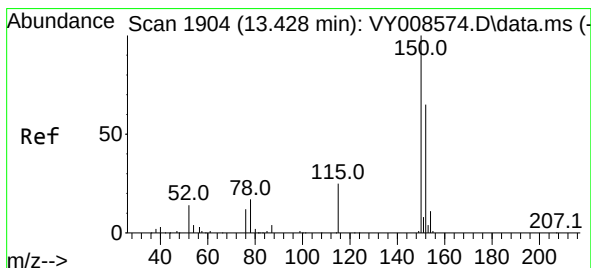
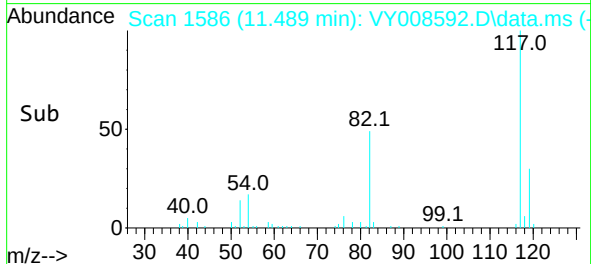
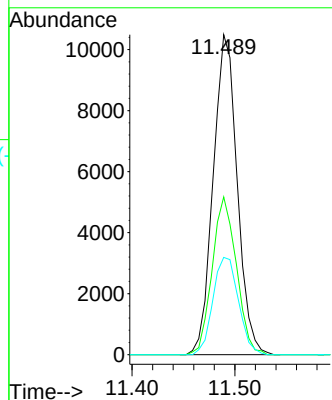
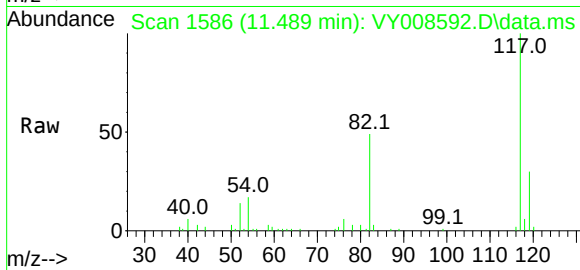




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

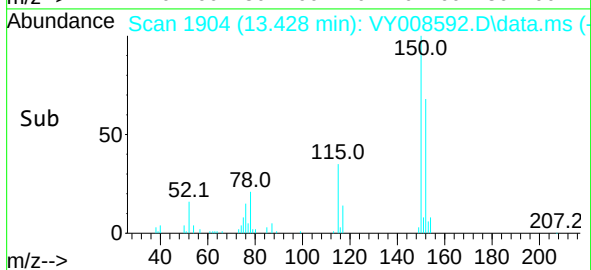
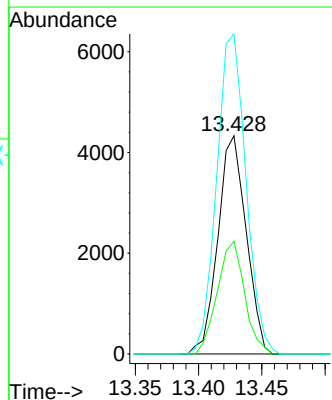
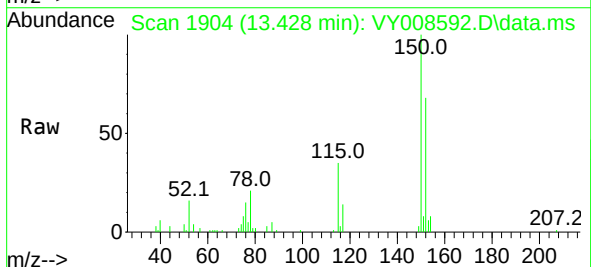
Instrument :
MSVOA_Y
ClientSampleId :
MH-18D

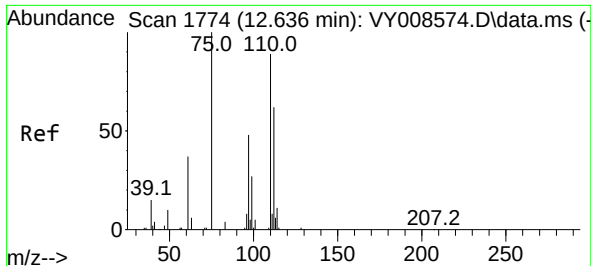
Tgt Ion:117 Resp: 17025
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion:152 Resp: 6729
Ion Ratio Lower Upper
152 100
115 49.8 28.2 84.7
150 151.9 0.0 347.6

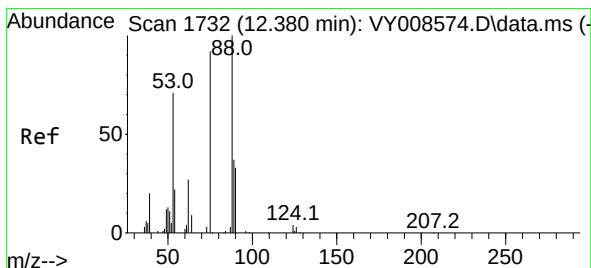
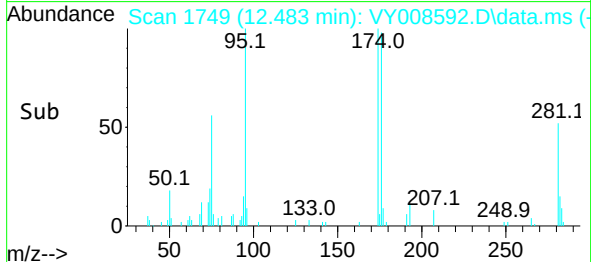
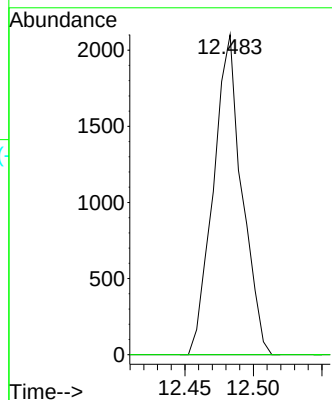
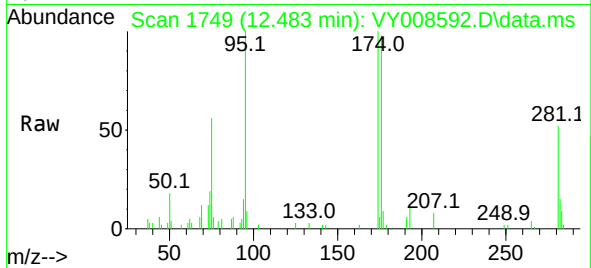




#76
1,2,3-Trichloropropane
Concen: 42.475 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-18D

Tgt Ion: 75 Resp: 3051
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 86.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008592.D
Acq: 03 May 2022 15:19

Tgt Ion: 75 Resp: 3051
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

