

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008559.D
 Acq On : 29 Apr 2022 15:13
 Operator : KP/MD
 Sample : N2688-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1

Quant Time: Apr 30 00:37:34 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)

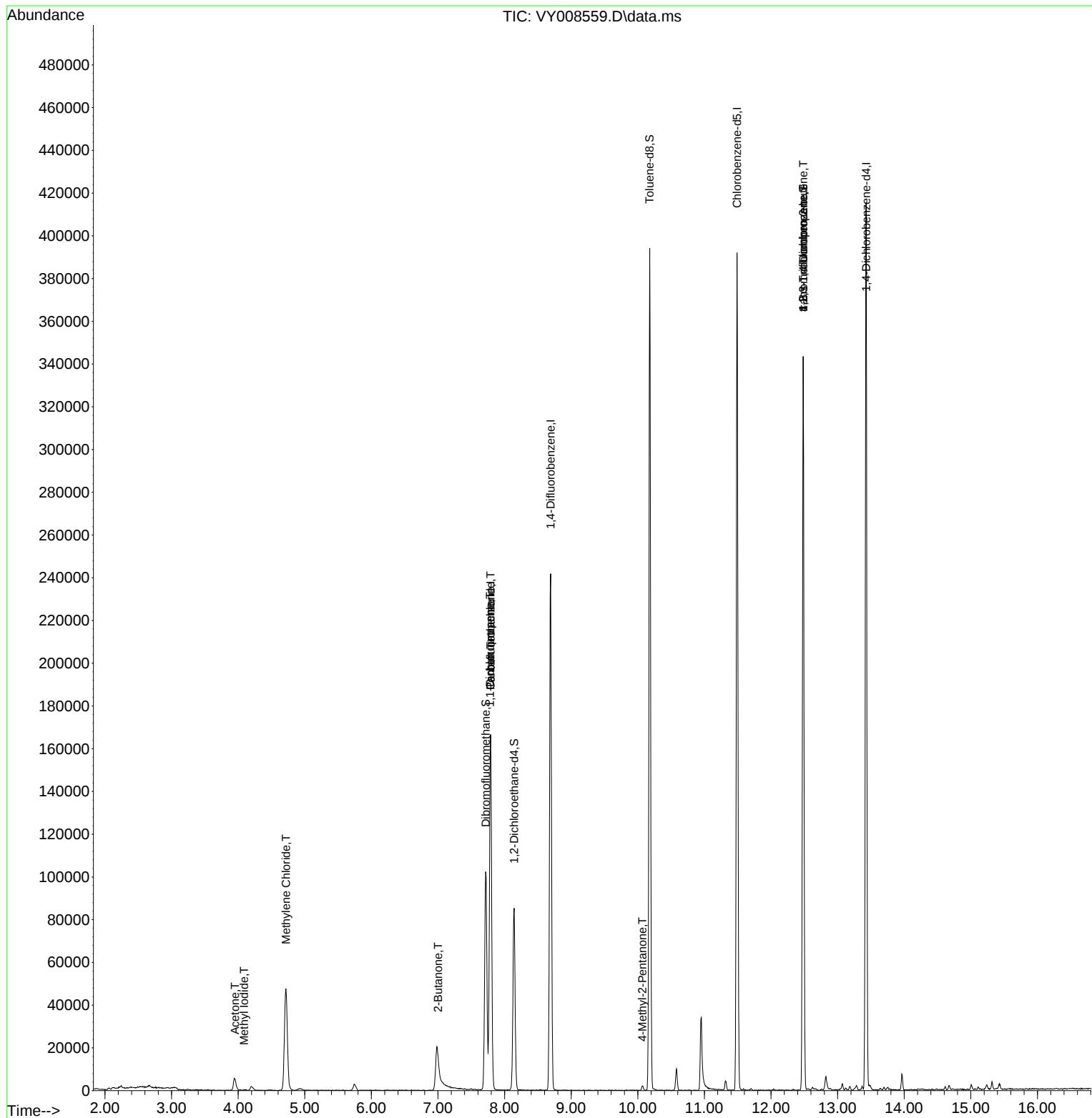
Internal Standards						
1) Pentafluorobenzene	7.789	168	146235	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	232631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65512	38.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.140%
35) Dibromofluoromethane	7.716	113	72558	48.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.179	98	268898	45.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.483	95	98234	48.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	644	1.974	ug/l	# 51
11) Tert butyl alcohol	4.936	59	1326	Below Cal	#	77
16) Acetone	3.954	43	10104	25.211	ug/l	94
20) Methylene Chloride	4.716	84	40695	15.234	ug/l	# 73
25) 2-Butanone	7.003	43	2328	3.755	ug/l	95
36) 1,1-Dichloropropene	7.783	75	8911	3.731	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	13160	5.304	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.069	43	1306	1.022	ug/l	# 72
76) 1,2,3-Trichloropropane	12.483	75	48757	32.523	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	48757	75.449	ug/l	# 7

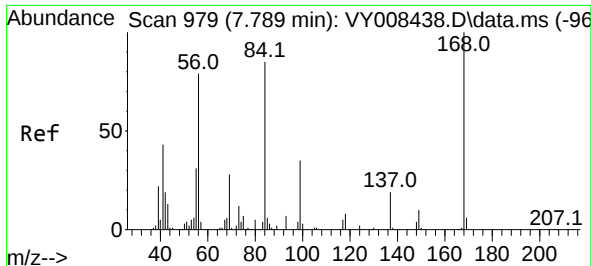
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
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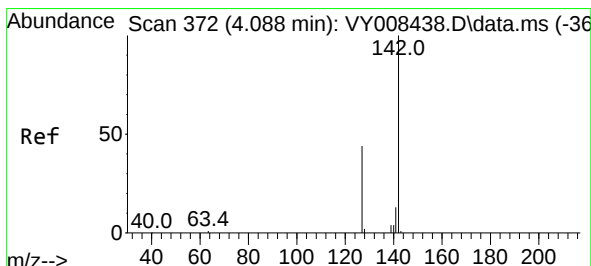
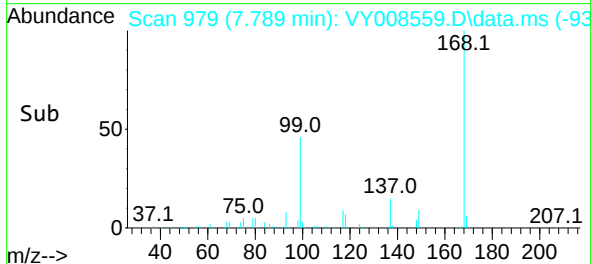
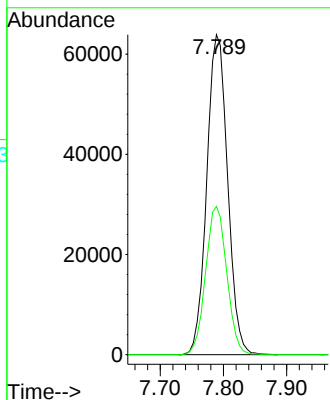
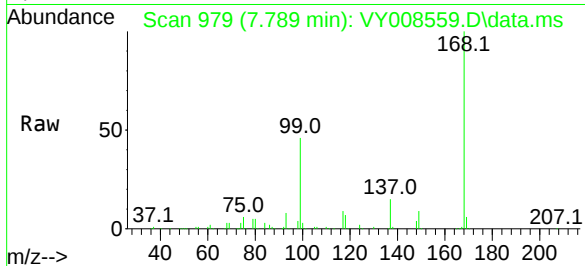




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

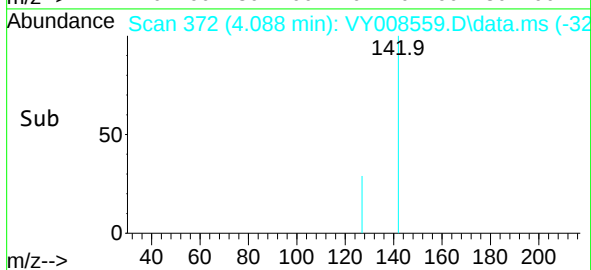
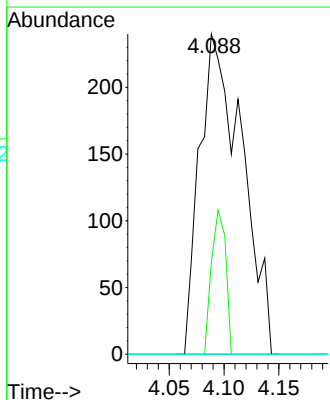
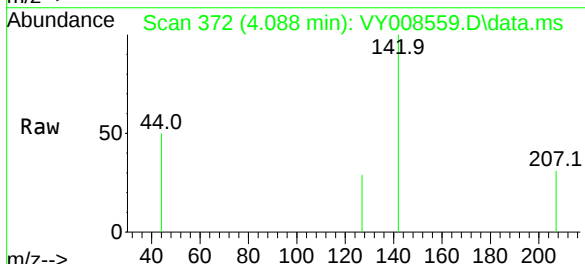
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

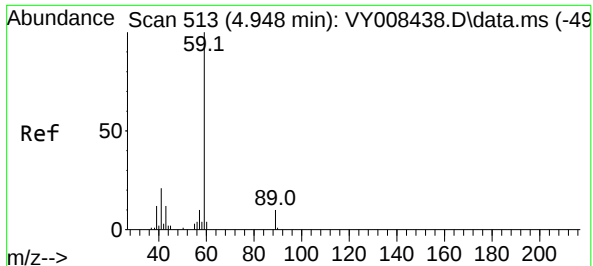
Tgt Ion:168 Resp: 146235
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#10
Methyl Iodide
Concen: 1.974 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion:142 Resp: 644
Ion Ratio Lower Upper
142 100
127 15.1 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY008559.D

Acq: 29 Apr 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

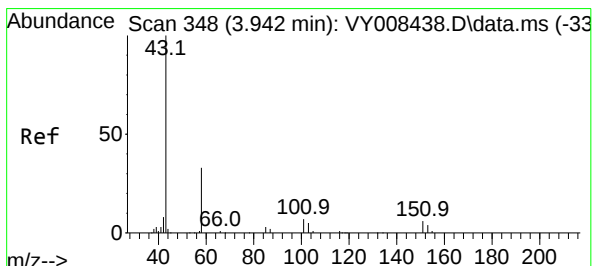
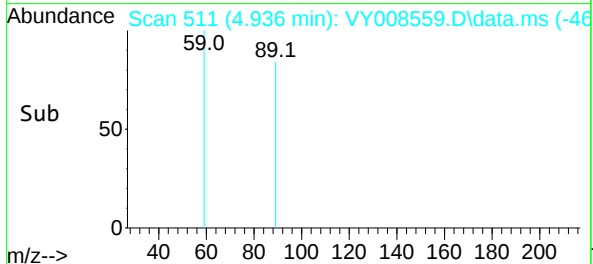
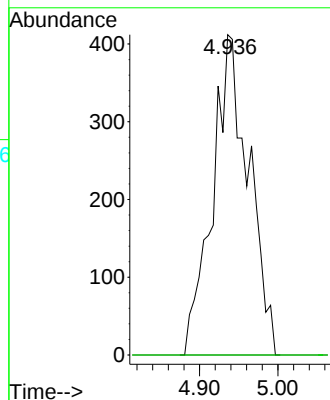
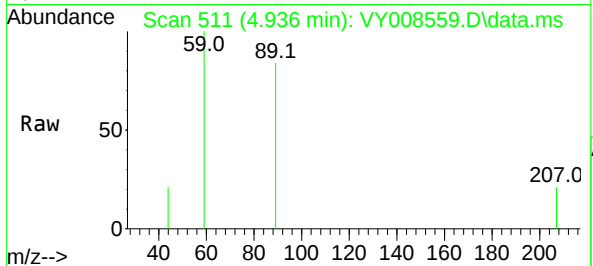
MH-1

Tgt Ion: 59 Resp: 1326

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 25.211 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY008559.D

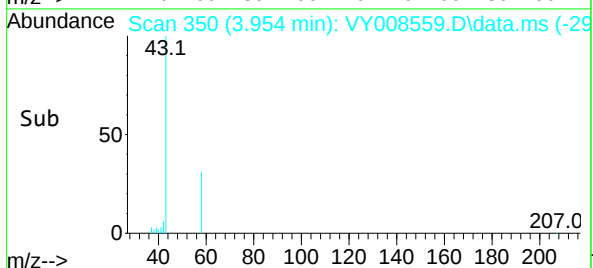
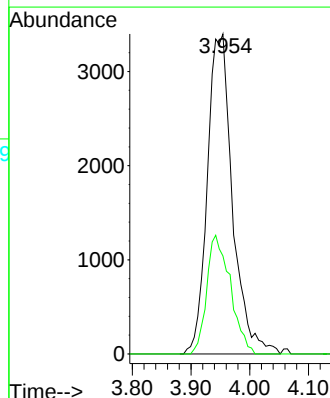
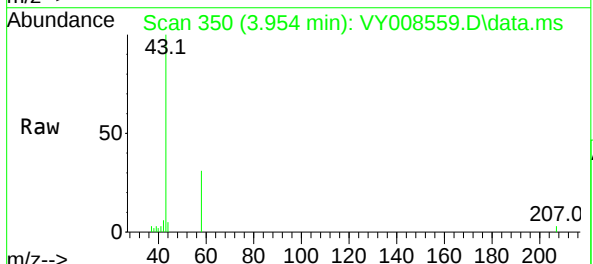
Acq: 29 Apr 2022 15:13

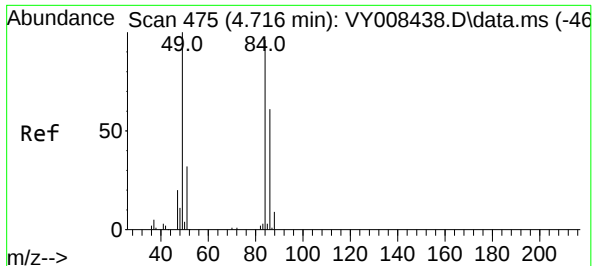
Tgt Ion: 43 Resp: 10104

Ion Ratio Lower Upper

43 100

58 30.6 22.0 33.0

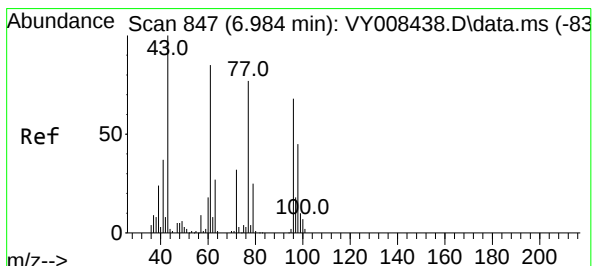
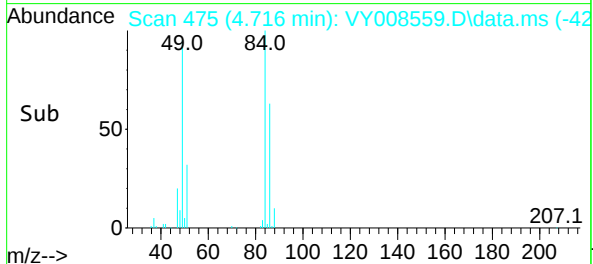
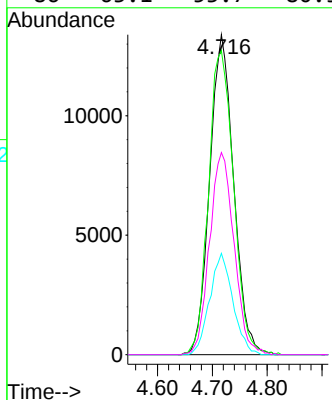
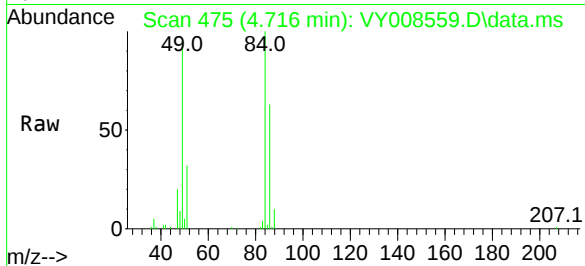




#20
Methylene Chloride
Concen: 15.234 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

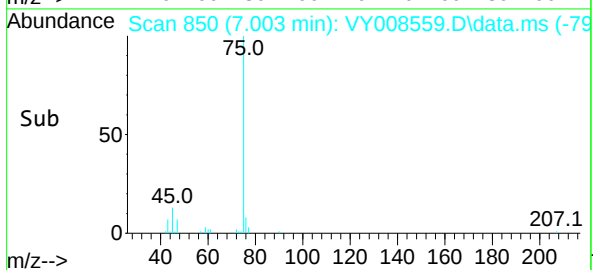
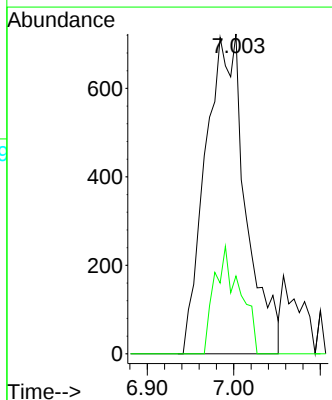
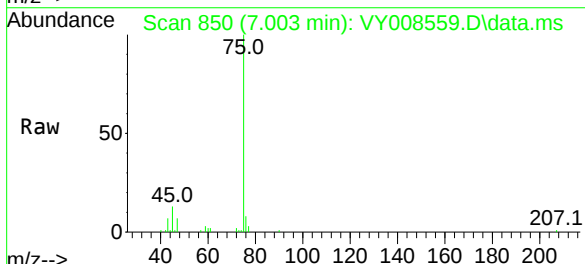
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

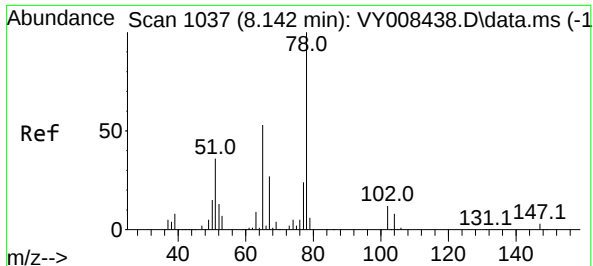
Tgt Ion: 84 Resp: 40695
Ion Ratio Lower Upper
84 100
49 95.0 114.4 171.6#
51 31.7 35.3 52.9#
86 63.1 53.7 80.5



#25
2-Butanone
Concen: 3.755 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.019 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
72 24.3 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 38.074 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008559.D

Acq: 29 Apr 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

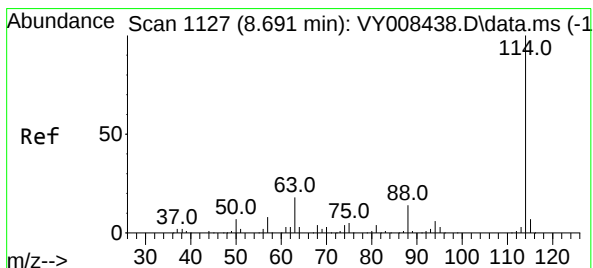
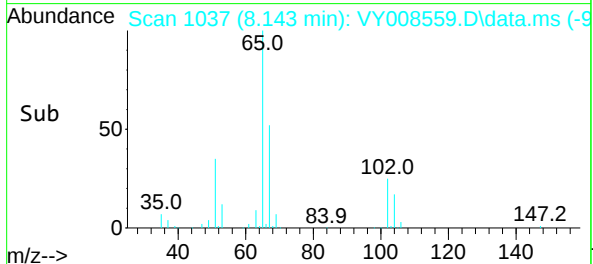
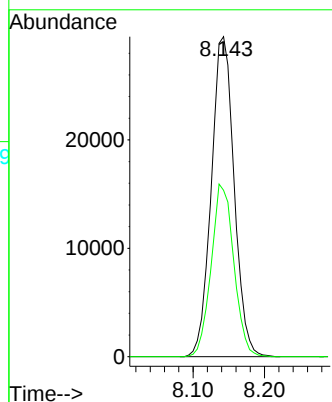
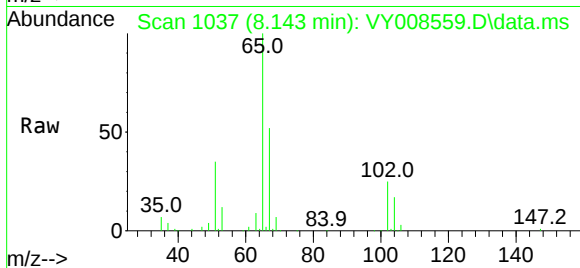
MH-1

Tgt Ion: 65 Resp: 65512

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008559.D

Acq: 29 Apr 2022 15:13

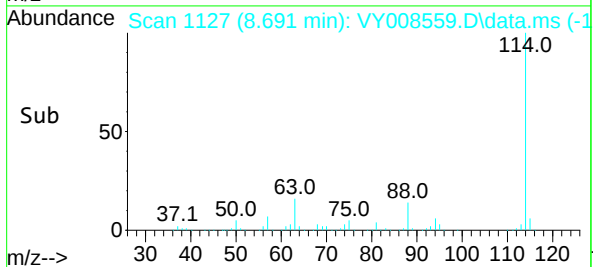
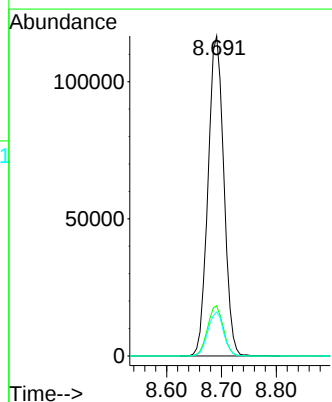
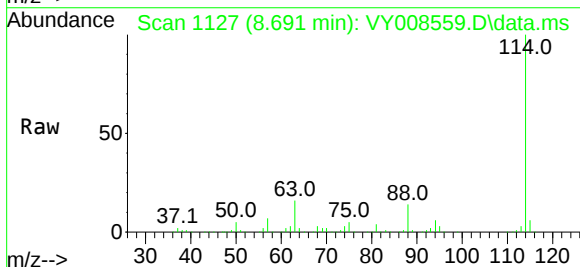
Tgt Ion: 114 Resp: 232631

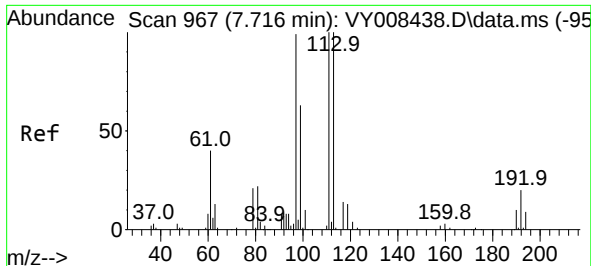
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 13.7 0.0 31.8

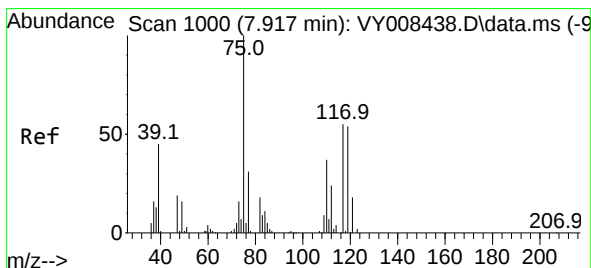
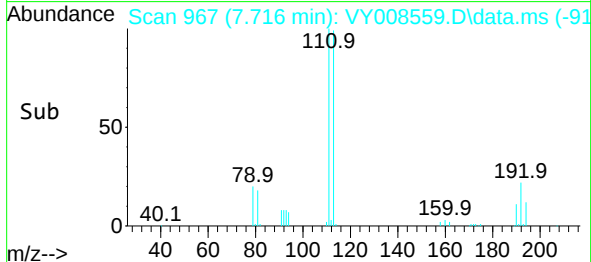
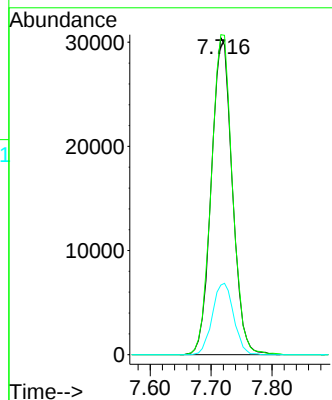
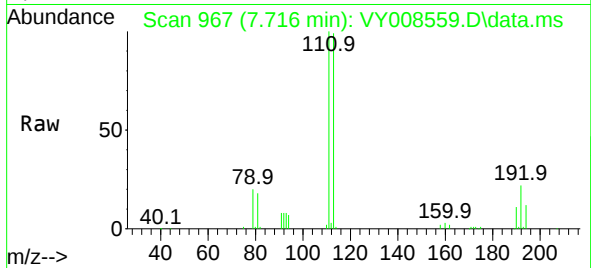




#35
 Dibromofluoromethane
 Concen: 48.328 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY008559.D
 Acq: 29 Apr 2022 15:13

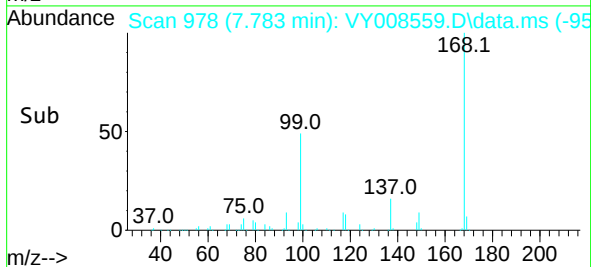
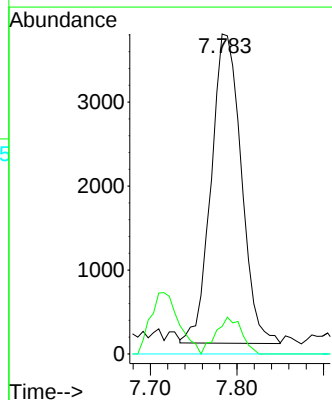
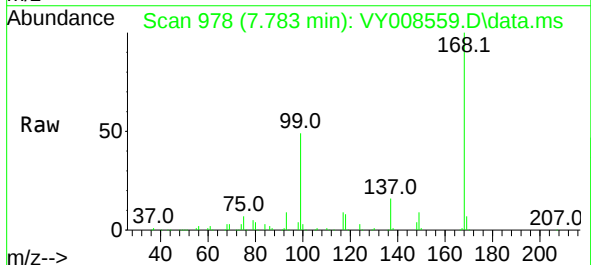
Instrument :
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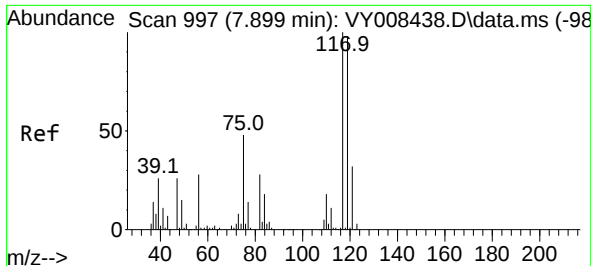
Tgt Ion:113 Resp: 72558
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 124.0
 192 22.9 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 3.731 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY008559.D
 Acq: 29 Apr 2022 15:13

Tgt Ion: 75 Resp: 8911
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.1 51.2#
 77 0.0 24.4 36.6#

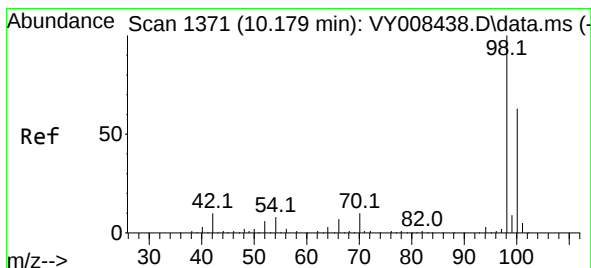
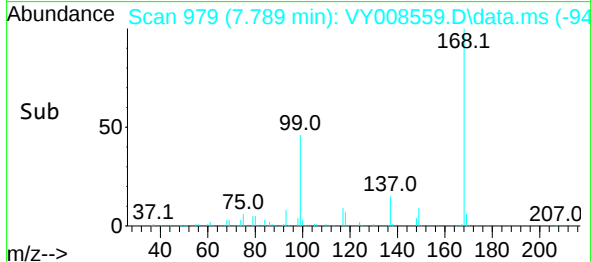
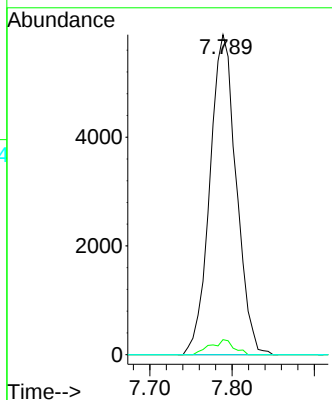
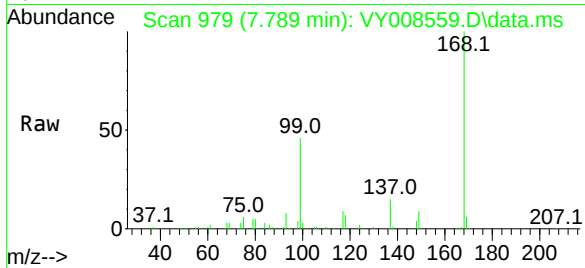




#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

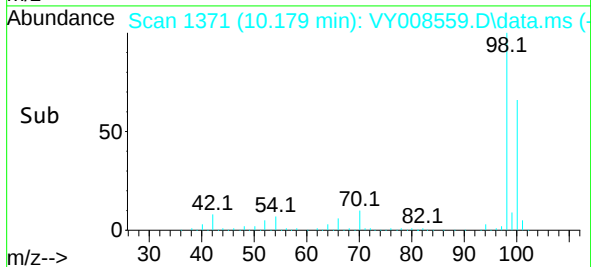
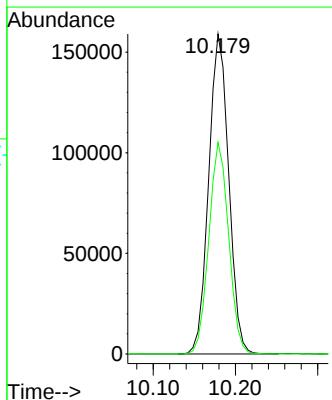
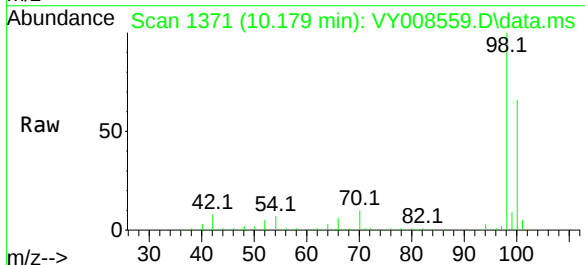
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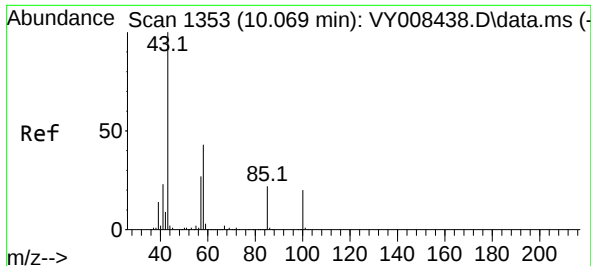
Tgt Ion:117 Resp: 13160
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.162 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion: 98 Resp: 268898
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

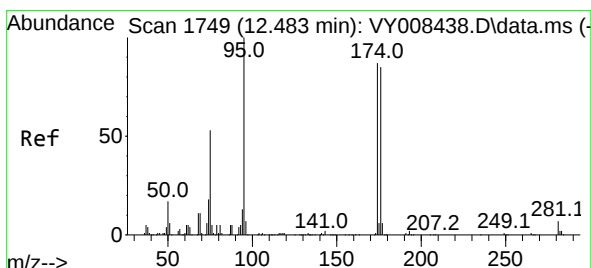
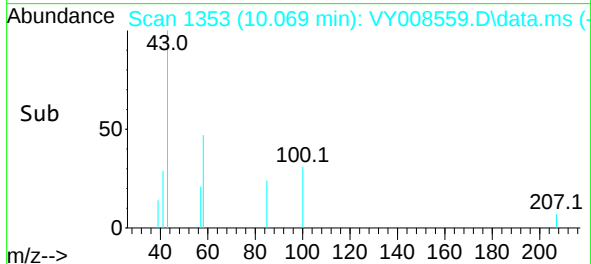
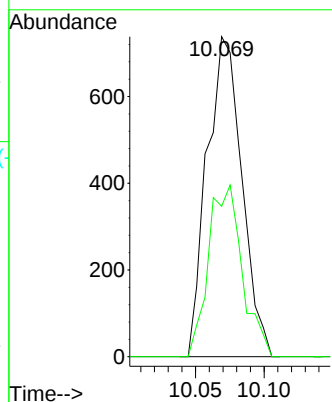
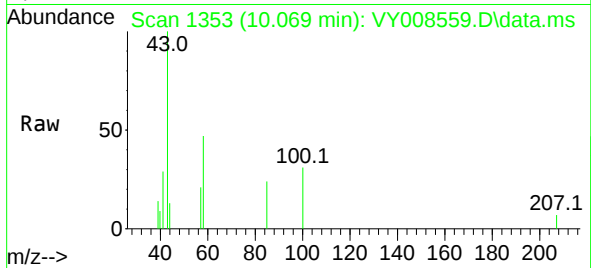




#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

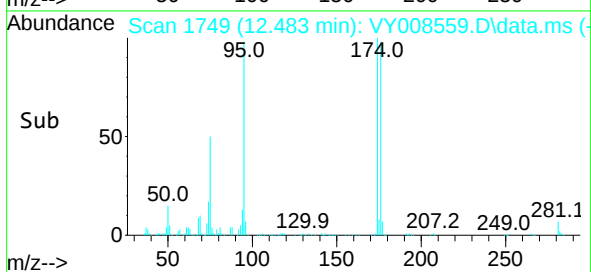
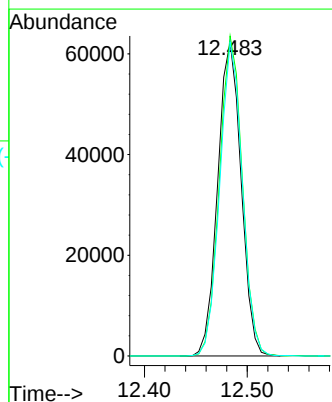
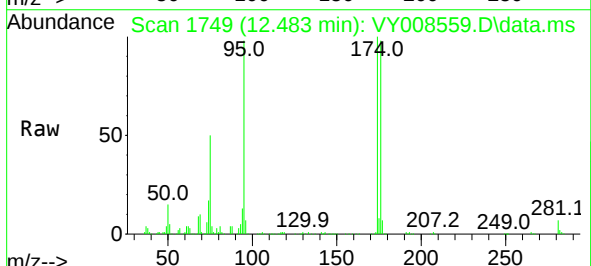
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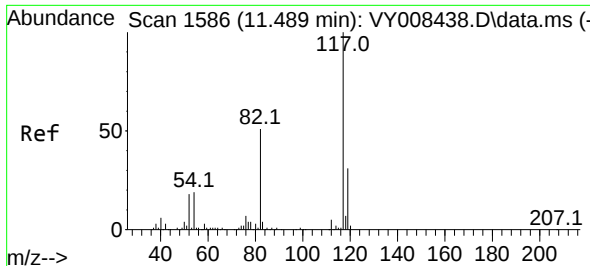
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 51.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion: 95 Resp: 98234
Ion Ratio Lower Upper
95 100
174 99.8 0.0 177.0
176 96.3 0.0 175.8

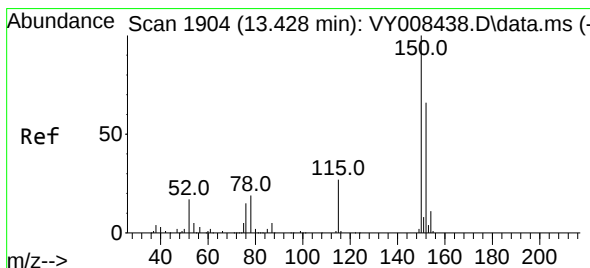
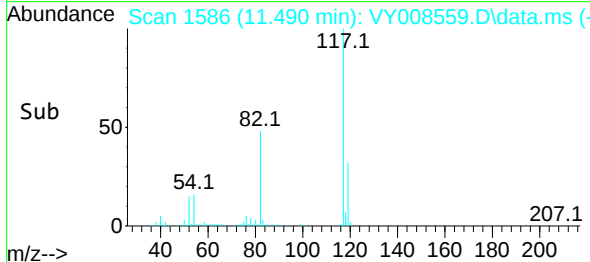
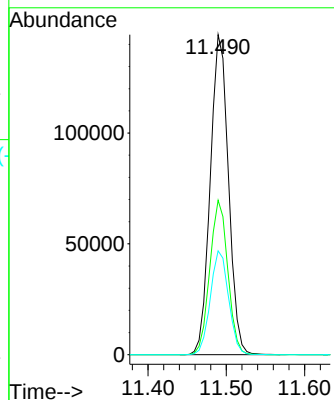
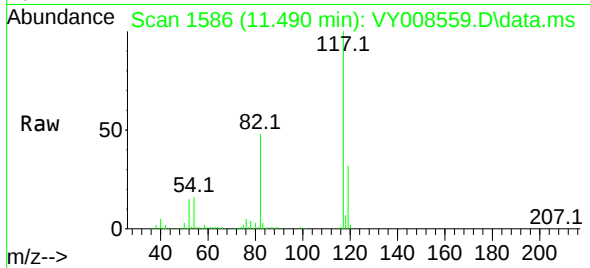




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

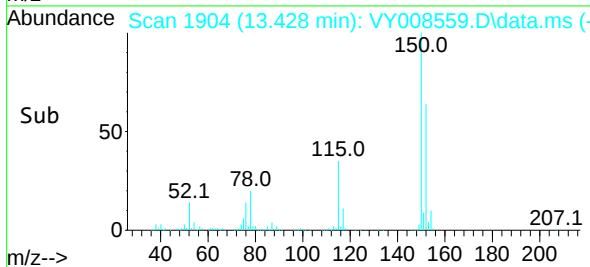
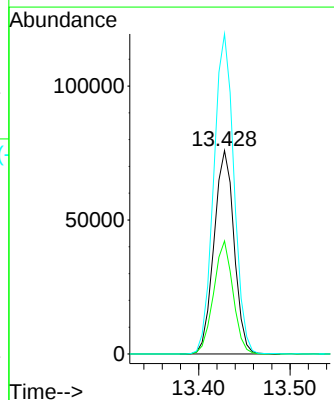
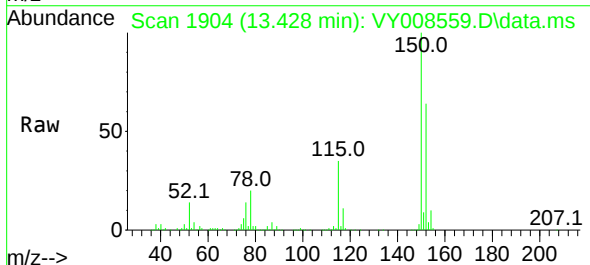
Instrument :
MSVOA_Y
ClientSampleId :
MH-1

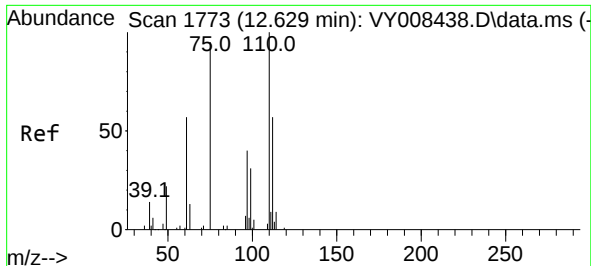
Tgt Ion:117 Resp: 232721
Ion Ratio Lower Upper
117 100
82 48.2 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion:152 Resp: 115840
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 158.5 0.0 347.6

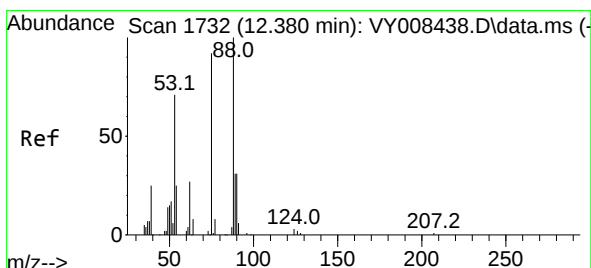
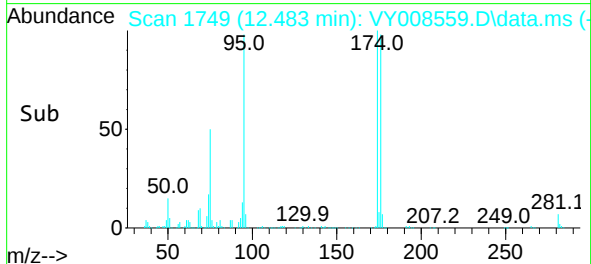
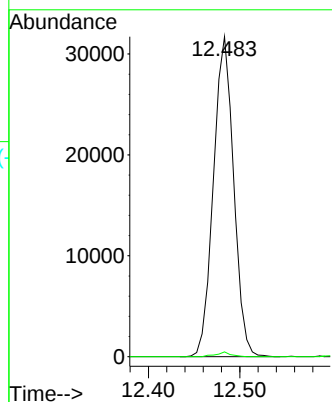
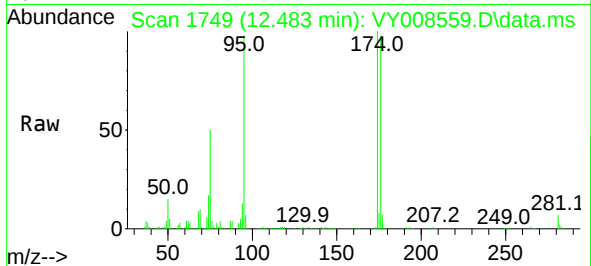




#76
1,2,3-Trichloropropane
Concen: 32.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
MH-1

Tgt Ion: 75 Resp: 48757
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008559.D
Acq: 29 Apr 2022 15:13

Tgt Ion: 75 Resp: 48757
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

