

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012225.D
 Acq On : 17 Jan 2023 16:03
 Operator : KP/MD
 Sample : 01159-04RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6

Quant Time: Jan 18 00:33:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

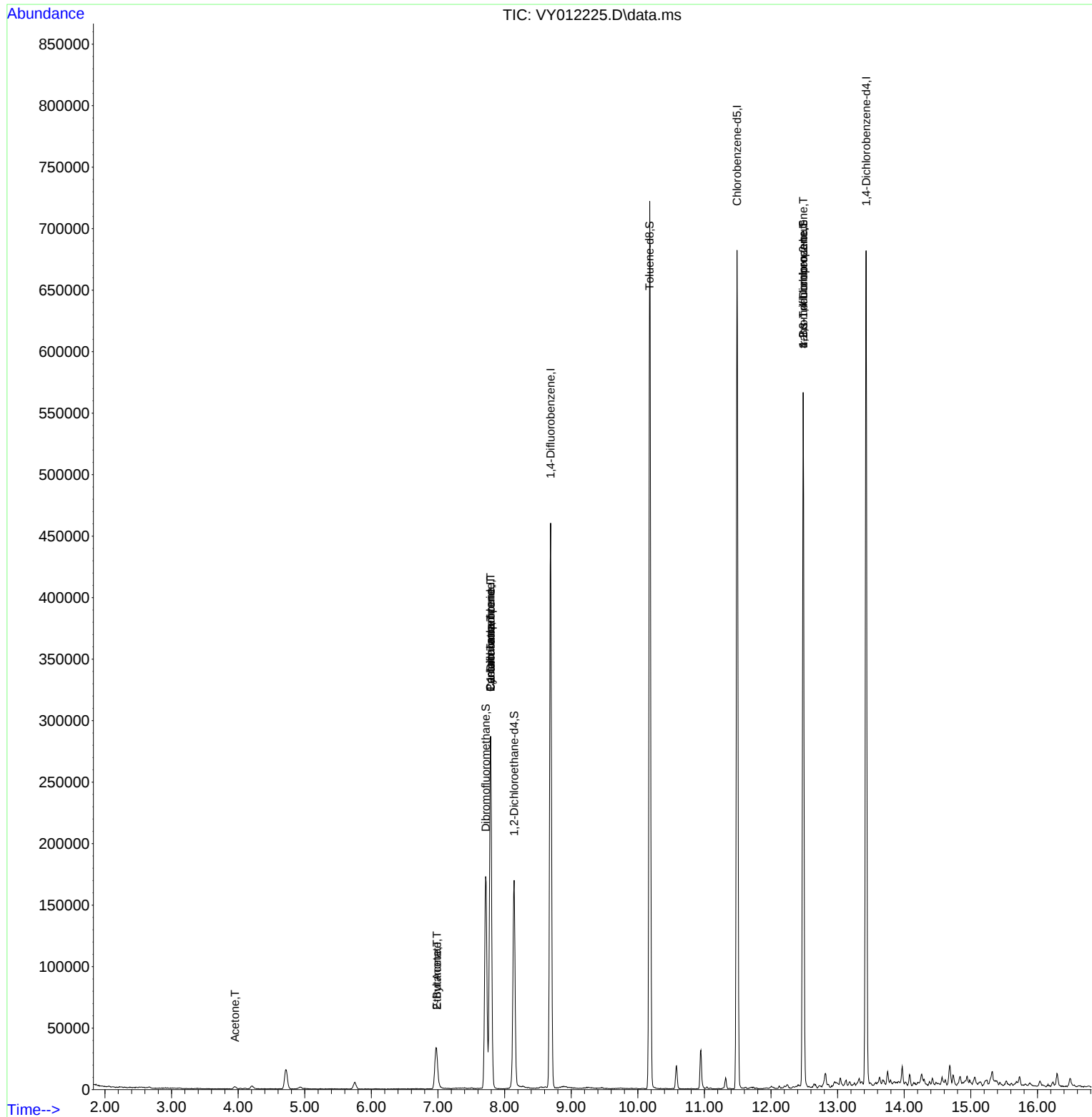
Internal Standards						
1) Pentafluorobenzene	7.789	168	227530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	385050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129775	70.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.840%	
35) Dibromofluoromethane	7.716	113	125853	59.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.920%	
50) Toluene-d8	10.179	98	473655	65.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.940%	
62) 4-Bromofluorobenzene	12.483	95	166716	55.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2031	Below Cal	#	74
16) Acetone	3.954	43	3426	5.407	ug/l	94
20) Methylene Chloride	4.716	84	12771	Below Cal	#	85
25) 2-Butanone	6.984	43	1694	2.422	ug/l	90
31) Cyclohexane	7.789	56	3918	1.181	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	16062	4.465	ug/l	# 49
37) Ethyl Acetate	6.984	43	1694	1.068	ug/l	# 44
38) Carbon Tetrachloride	7.789	117	22451	4.832	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	84289	50.723	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	84289	104.512	ug/l	# 13

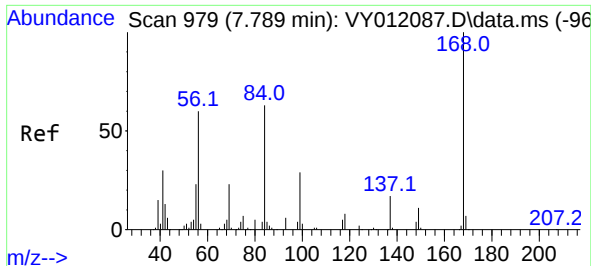
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

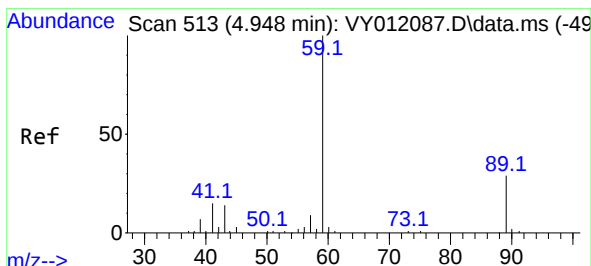
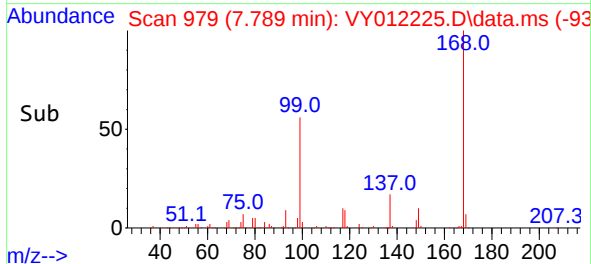
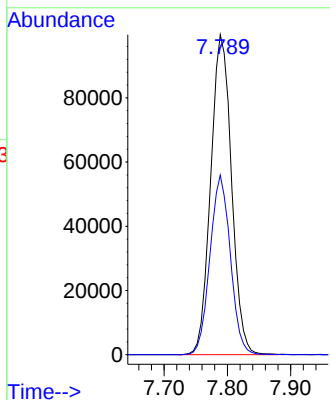
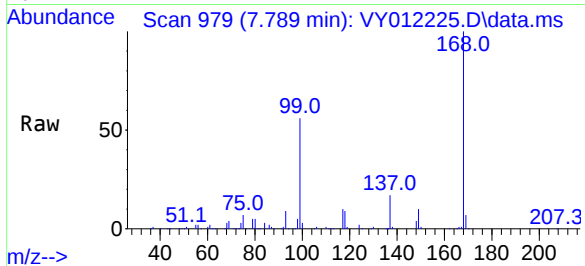




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

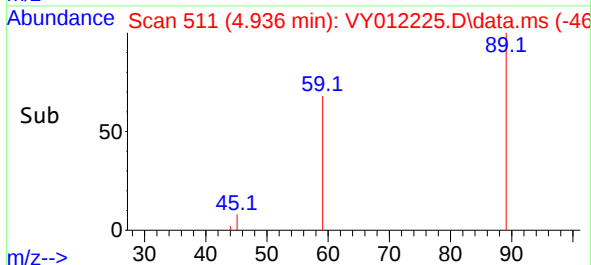
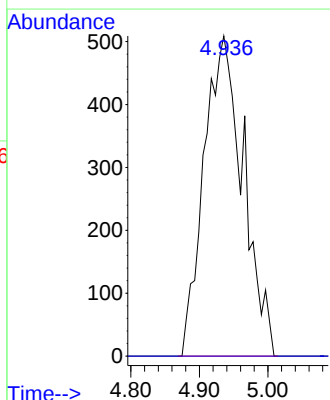
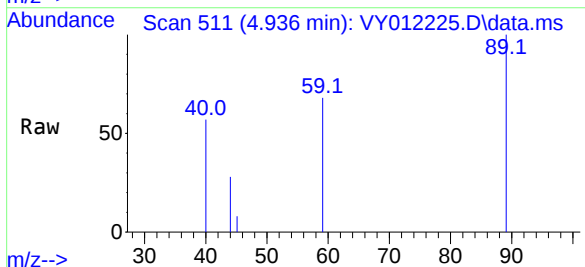
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

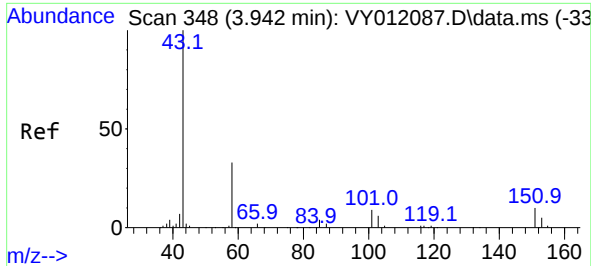
Tgt Ion:168 Resp: 227530
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 59 Resp: 2031
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 5.407 ug/l

RT: 3.954 min Scan# 348

Delta R.T. 0.012 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

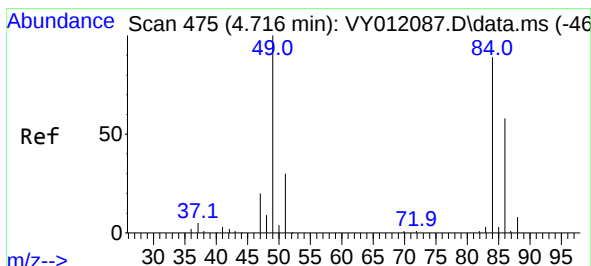
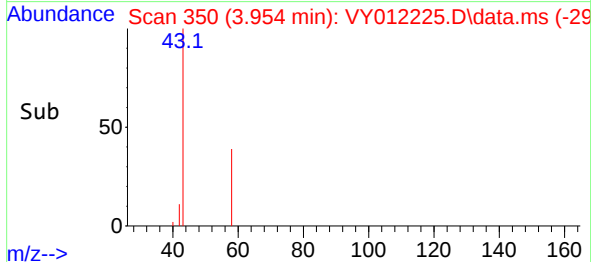
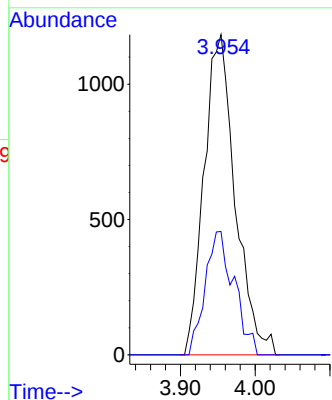
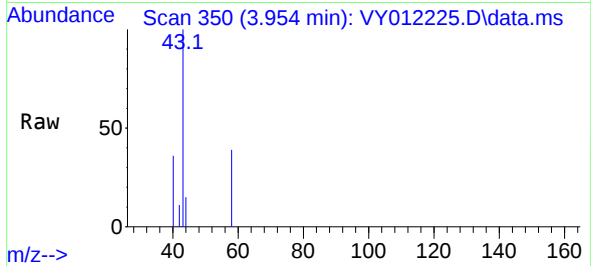
MH-6

Tgt Ion: 43 Resp: 3426

Ion Ratio Lower Upper

43 100

58 38.5 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

Tgt Ion: 84 Resp: 12771

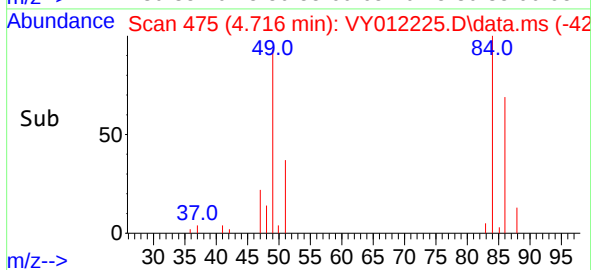
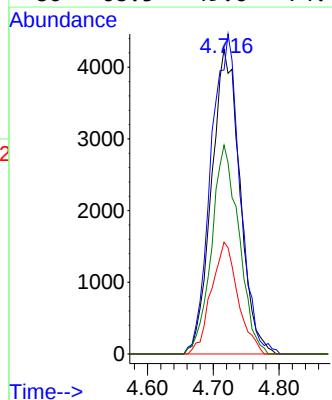
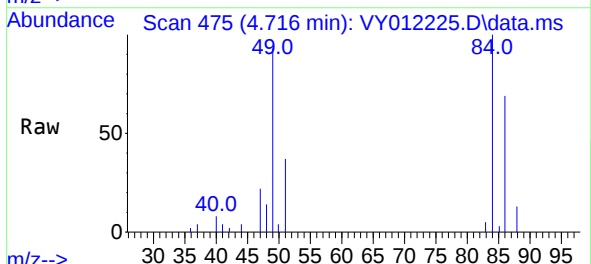
Ion Ratio Lower Upper

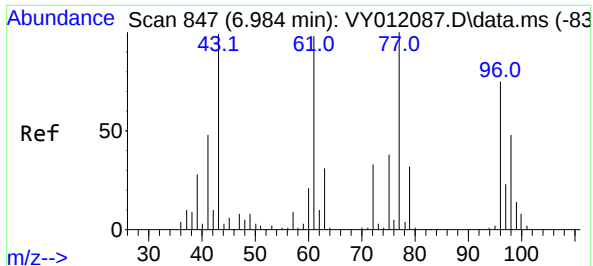
84 100

49 93.2 95.4 143.2#

51 36.7 29.9 44.9

86 68.5 49.6 74.4

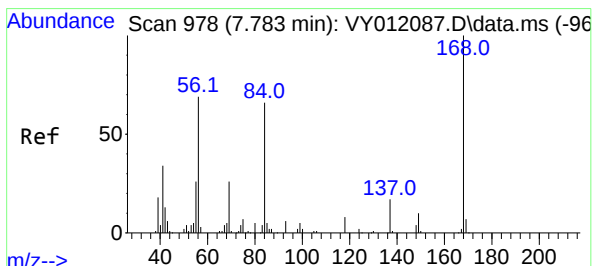
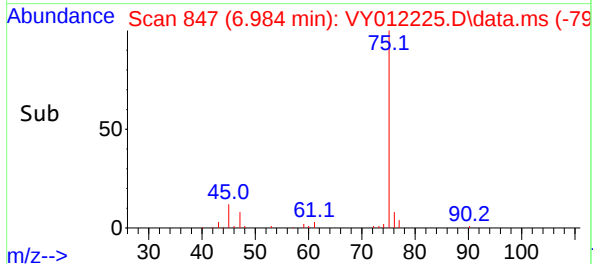
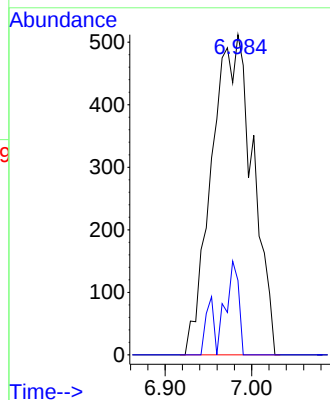
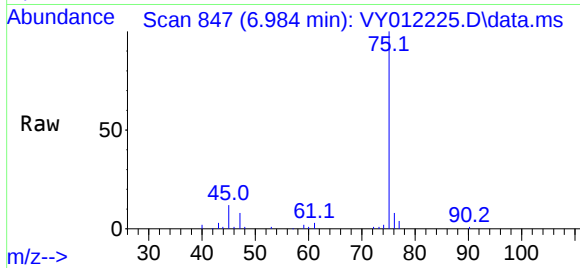




#25
2-Butanone
Concen: 2.422 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

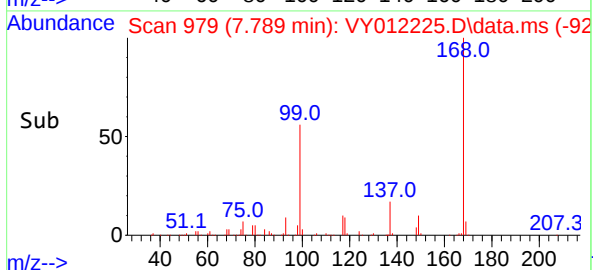
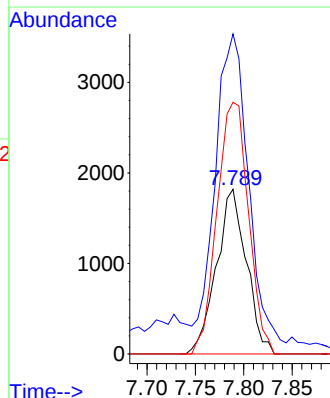
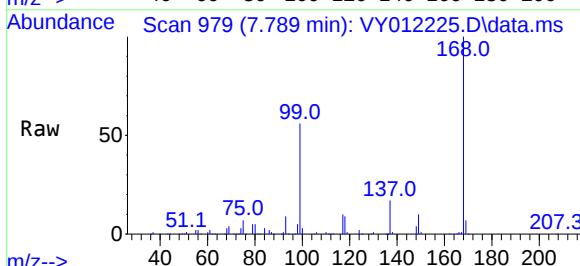
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

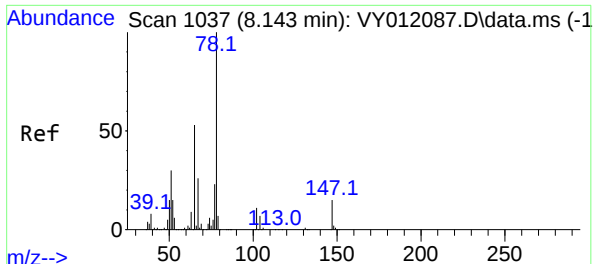
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
72 23.2 22.6 34.0



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
69 185.8 29.2 43.8#
84 153.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 70.416 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

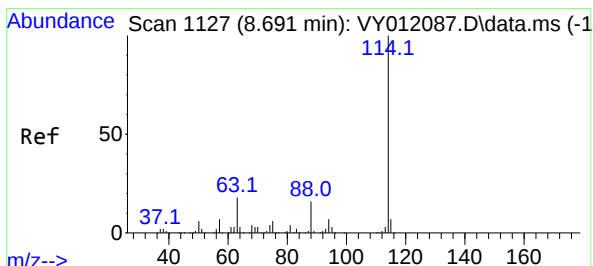
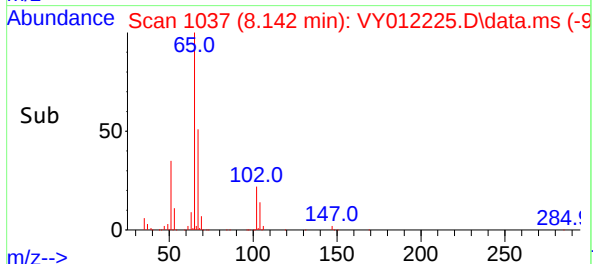
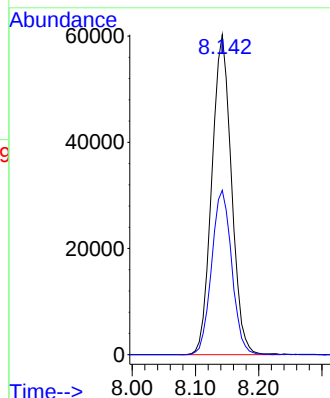
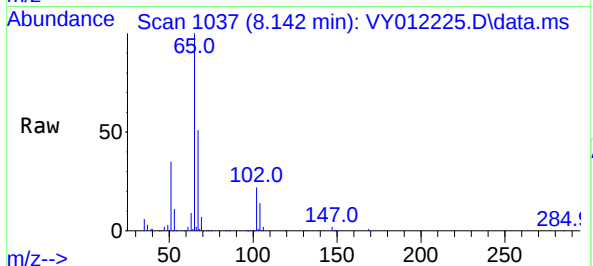
MH-6

Tgt Ion: 65 Resp: 129775

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

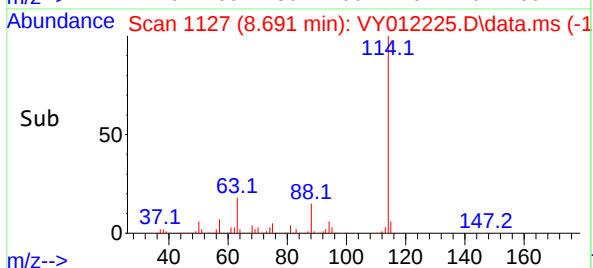
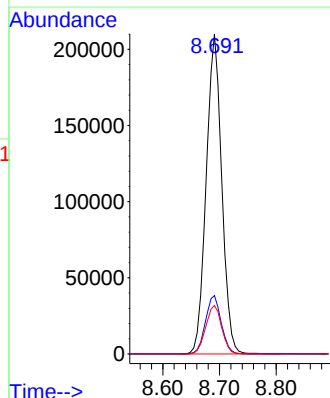
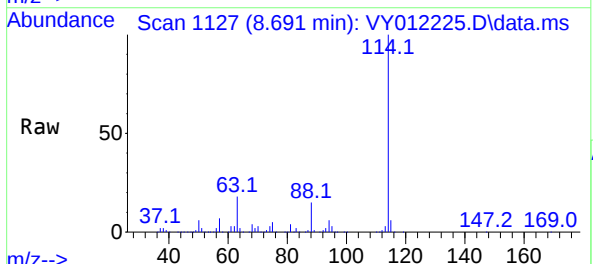
Tgt Ion: 114 Resp: 399741

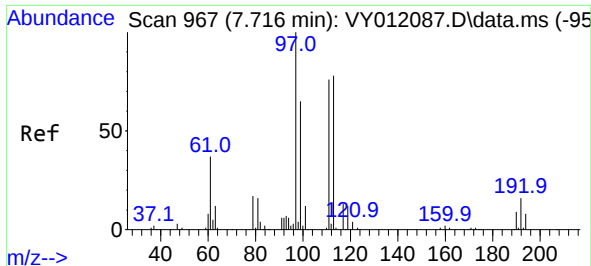
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.2 0.0 32.2

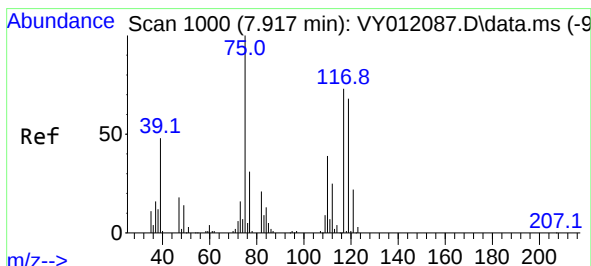
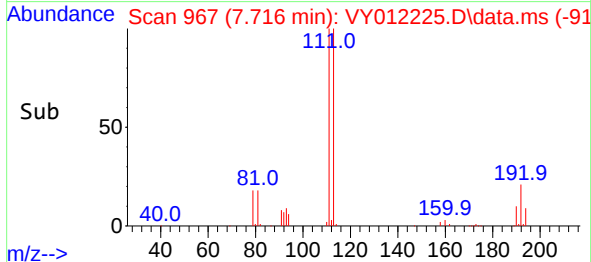
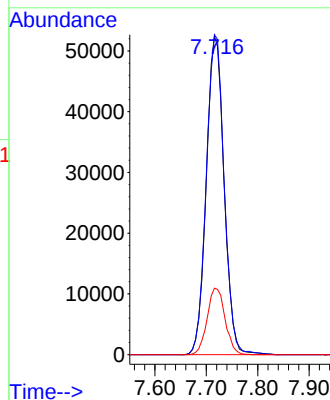
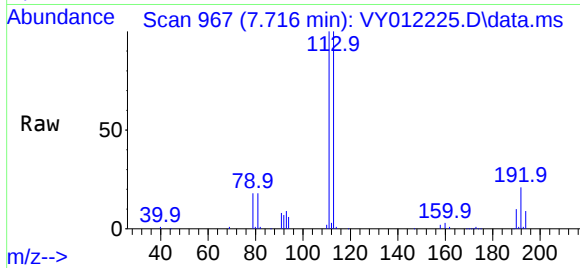




#35
Dibromofluoromethane
Concen: 59.459 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

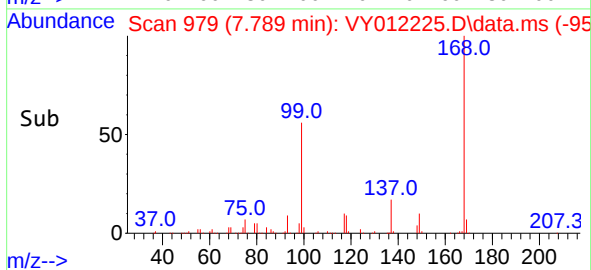
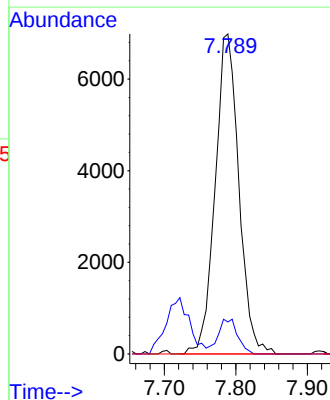
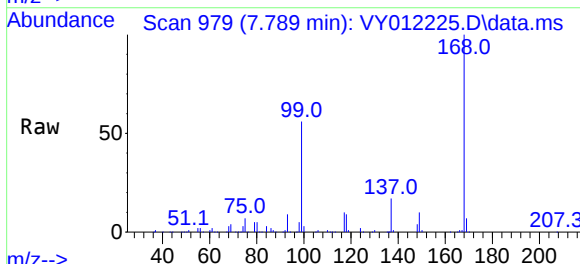
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

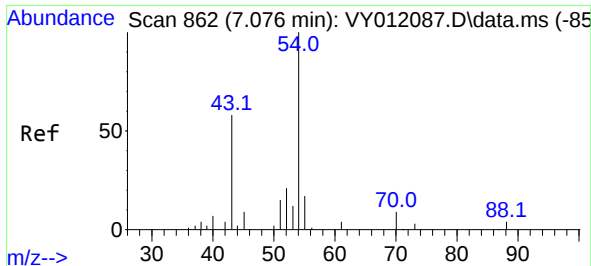
Tgt Ion:113 Resp: 125853
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.465 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 75 Resp: 16062
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.068 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

MH-6

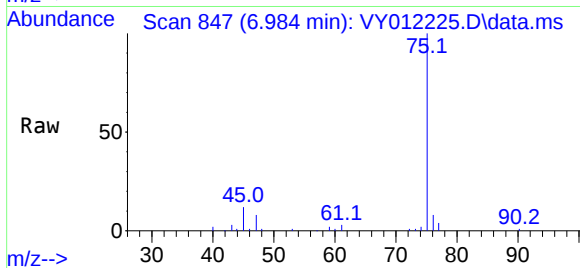
Tgt Ion: 43 Resp: 1694

Ion Ratio Lower Upper

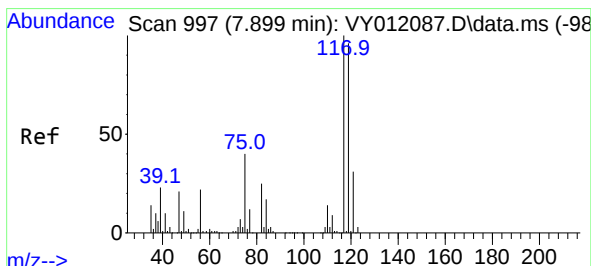
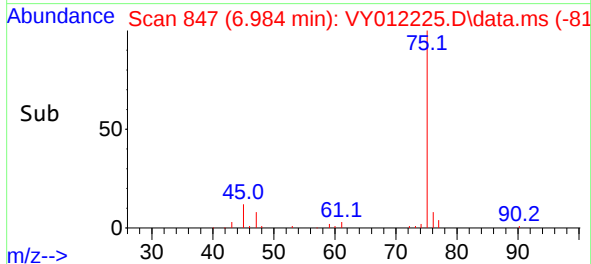
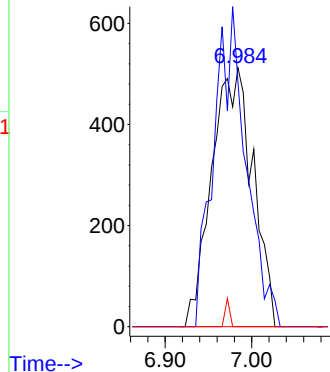
43 100

61 46.6 11.3 16.9#

70 1.2 8.2 12.4#



Abundance



#38

Carbon Tetrachloride

Concen: 4.832 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012225.D

Acq: 17 Jan 2023 16:03

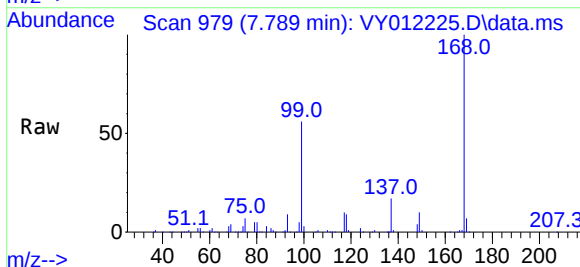
Tgt Ion: 117 Resp: 22451

Ion Ratio Lower Upper

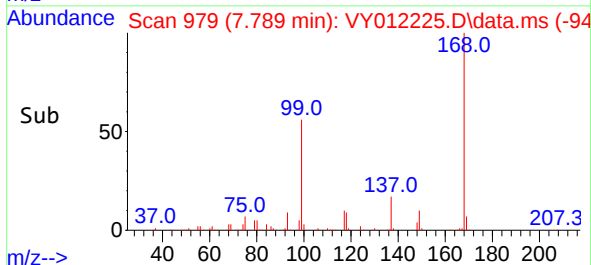
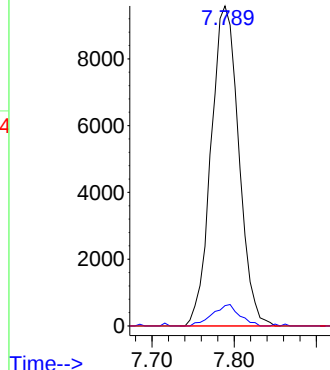
117 100

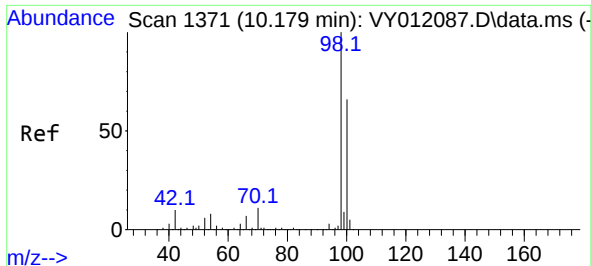
119 6.4 73.8 110.8#

121 0.0 25.2 37.8#



Abundance

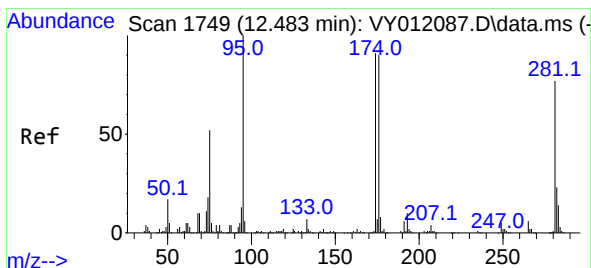
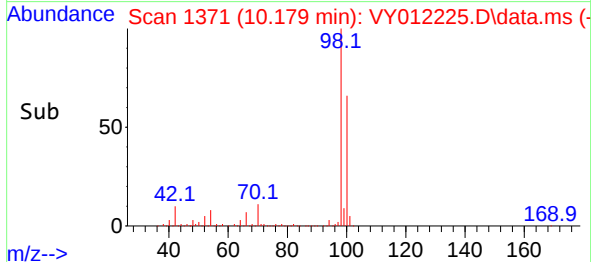
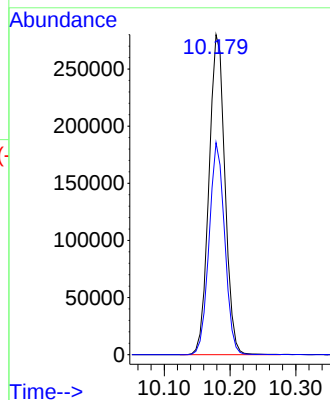
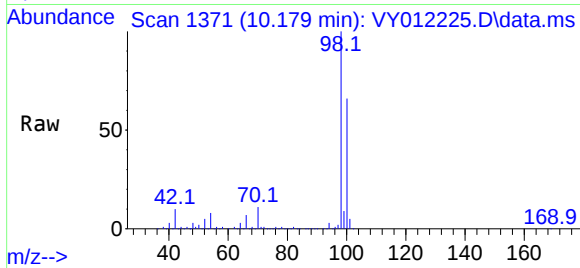




#50
Toluene-d8
Concen: 65.969 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

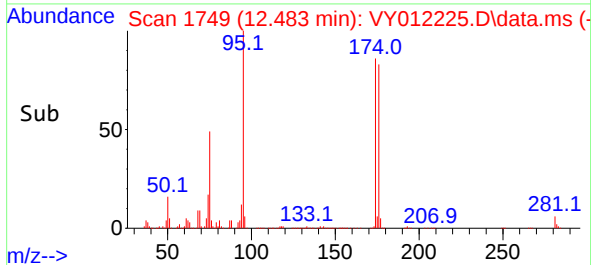
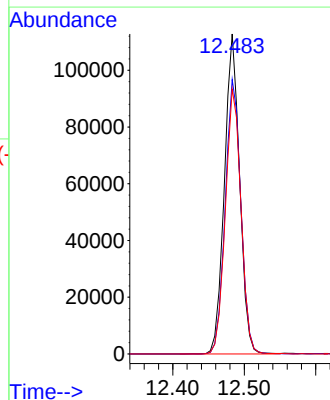
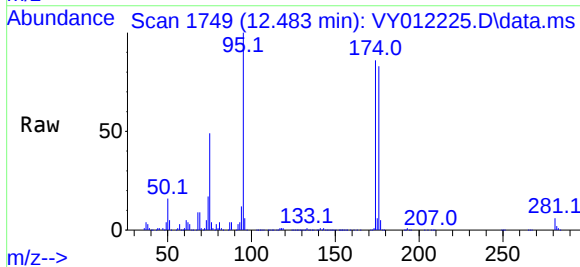
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

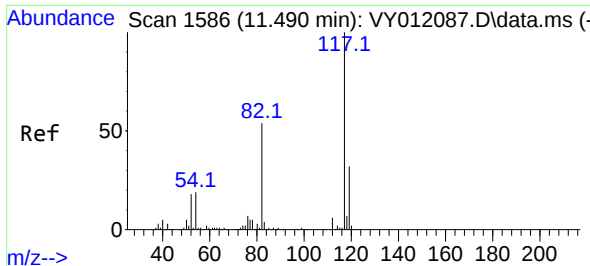
Tgt Ion: 98 Resp: 473655
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 95 Resp: 166716
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 85.0 0.0 167.6

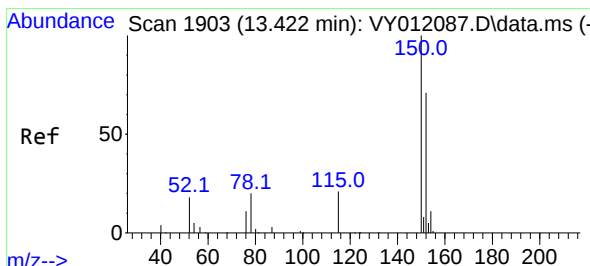
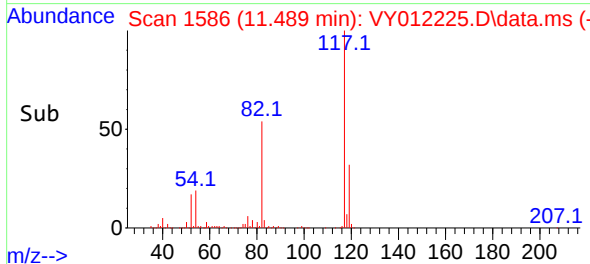
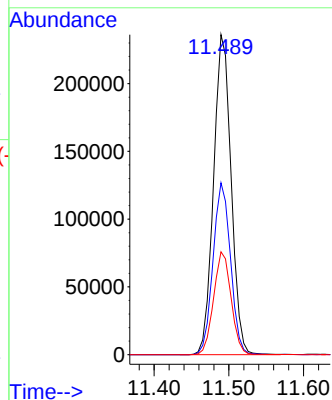
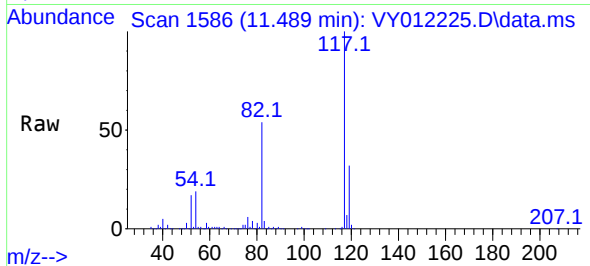




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

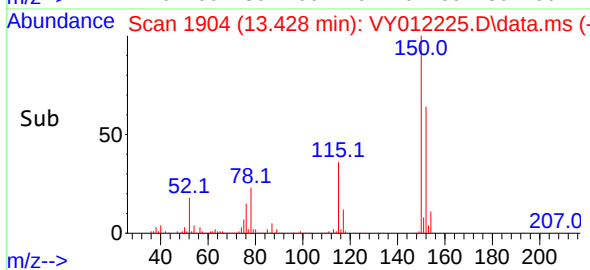
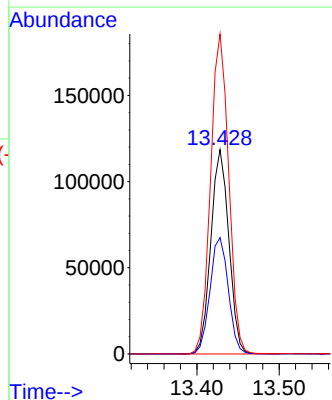
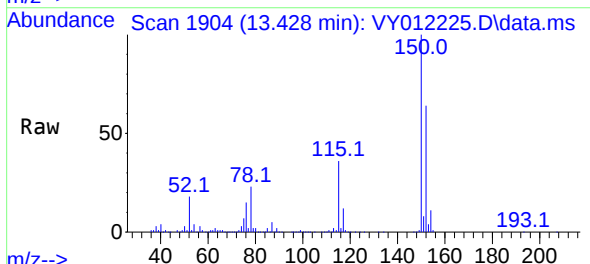
Instrument :
MSVOA_Y
ClientSampleId :
MH-6

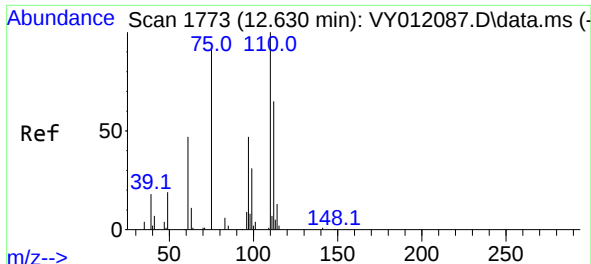
Tgt Ion:117 Resp: 385050
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion:152 Resp: 180716
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 157.4 0.0 342.6

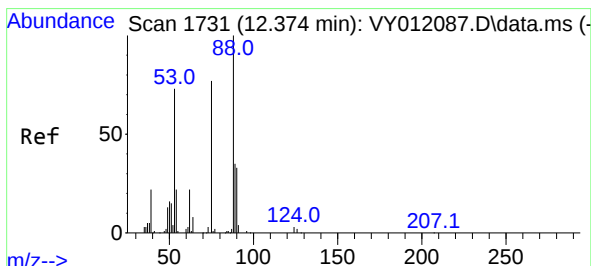
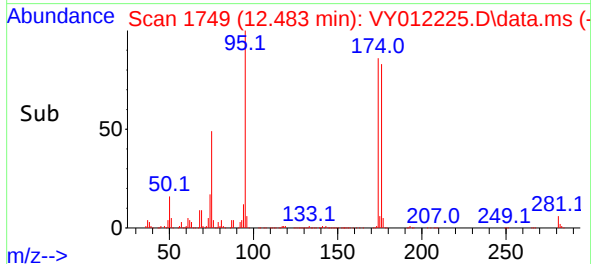
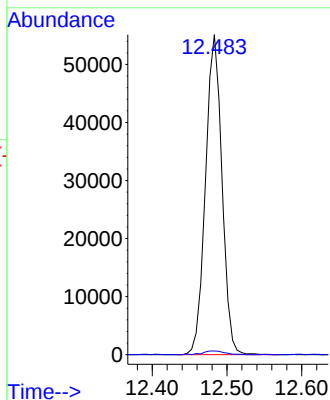
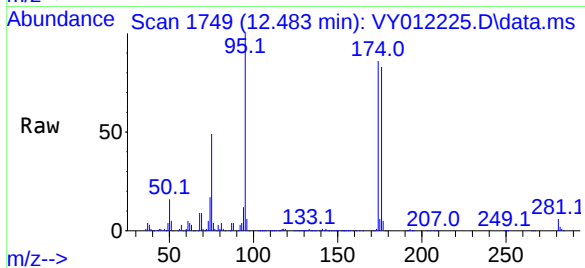




#76
1,2,3-Trichloropropane
Concen: 50.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
MH-6

Tgt Ion: 75 Resp: 84289
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.512 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012225.D
Acq: 17 Jan 2023 16:03

Tgt Ion: 75 Resp: 84289
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

