

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012720.D
 Acq On : 24 Feb 2023 14:21
 Operator : KP/MD
 Sample : 01657-01
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB01

Quant Time: Feb 25 00:49:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

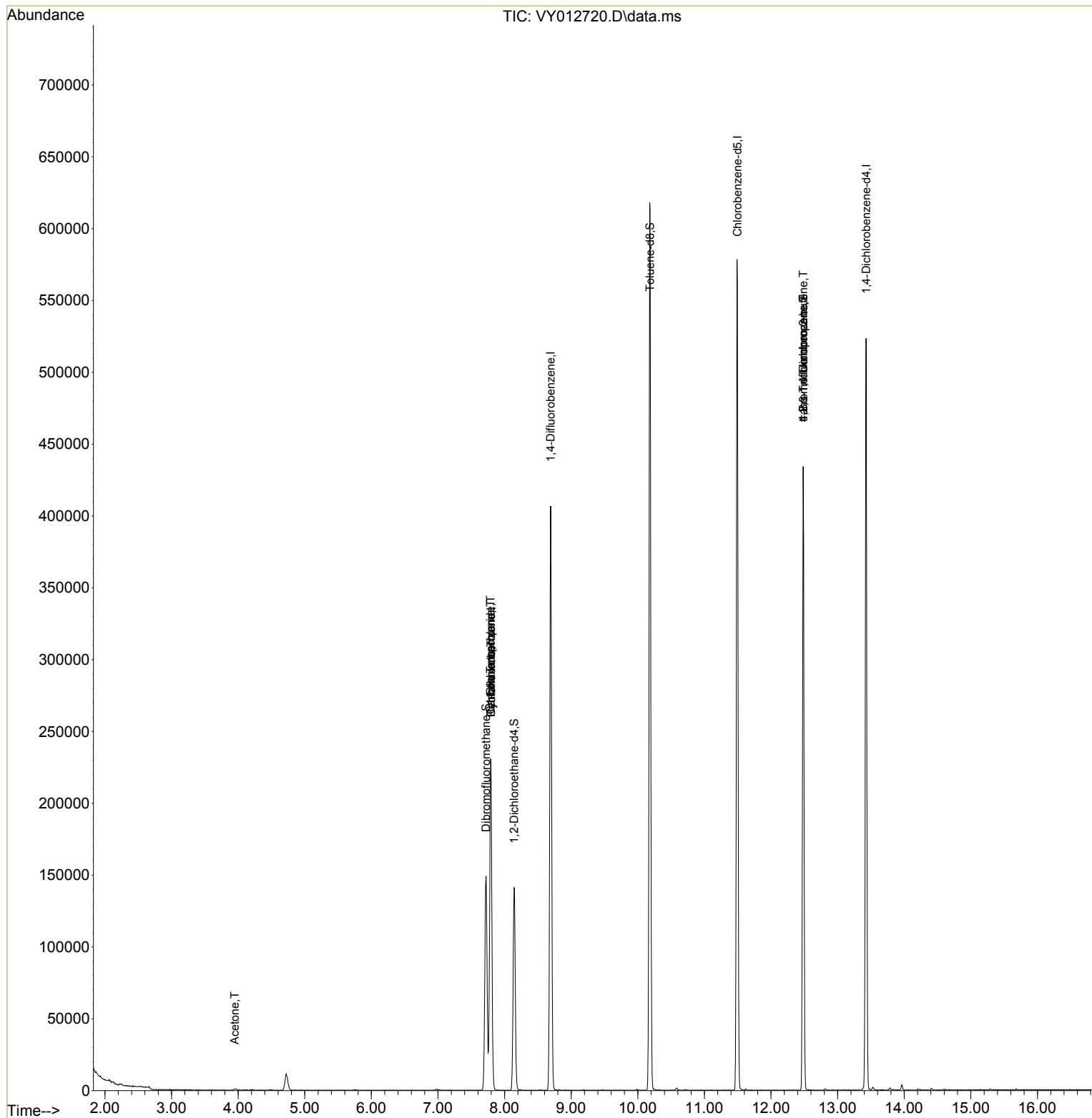
Internal Standards						
1) Pentafluorobenzene	7.795	168	180749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	304010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108066	50.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.722	113	104146	46.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.720%
50) Toluene-d8	10.185	98	397800	47.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.483	95	122684	45.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	1322	Below Cal	#	86
16) Acetone	3.948	43	1932	2.774	ug/l	90
20) Methylene Chloride	4.722	84	8027	Below Cal		93
31) Cyclohexane	7.795	56	4250	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14188	3.984	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17701	4.807	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65311	40.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65311	86.125	ug/l #	9

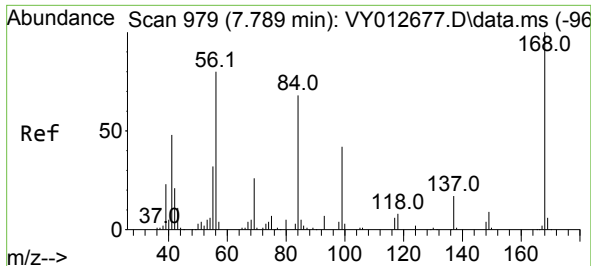
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

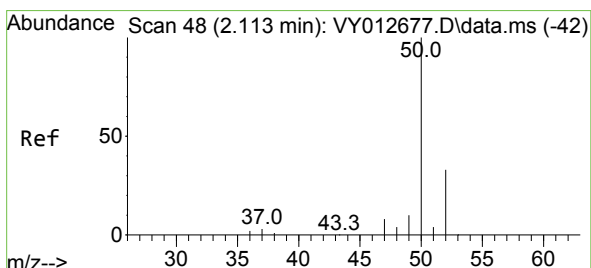
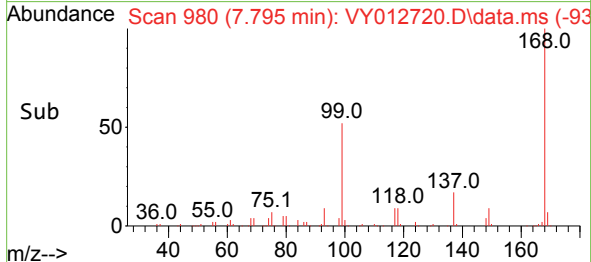
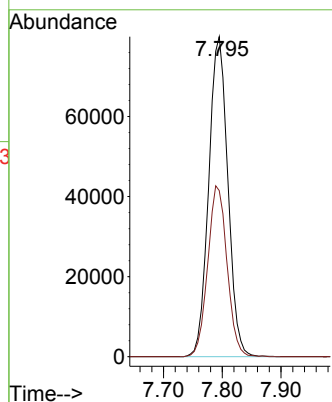
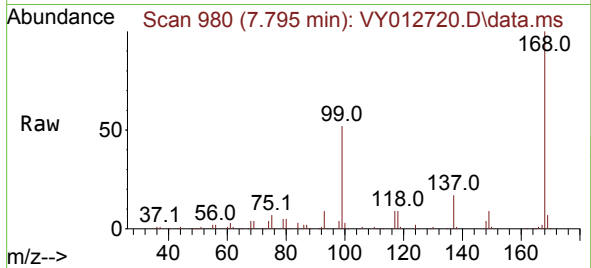




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

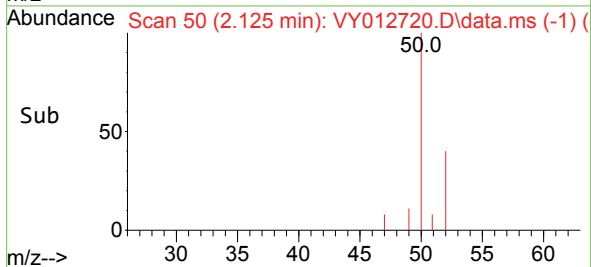
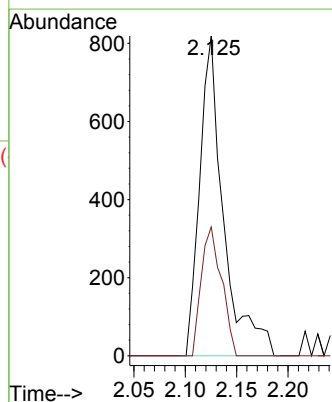
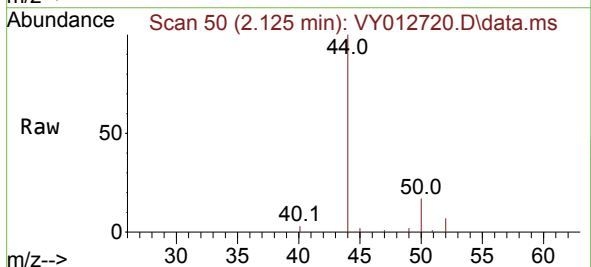
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB01

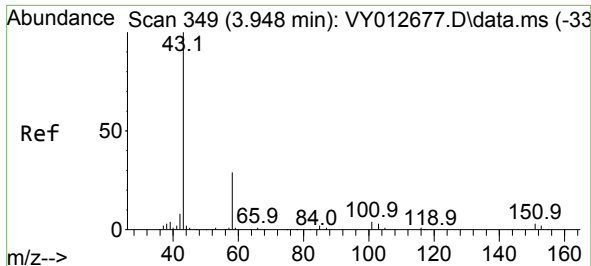
Tgt Ion:168 Resp: 180749
Ion Ratio Lower Upper
168 100
99 51.9 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 50 Resp: 1322
Ion Ratio Lower Upper
50 100
52 40.3 26.1 39.1#





#16

Acetone

Concen: 2.774 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

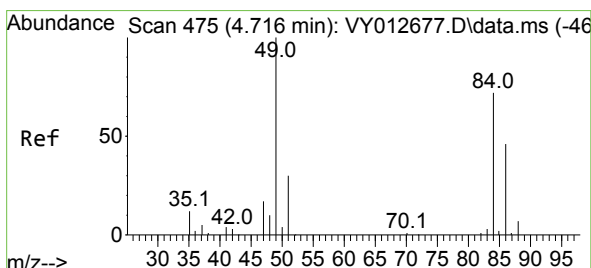
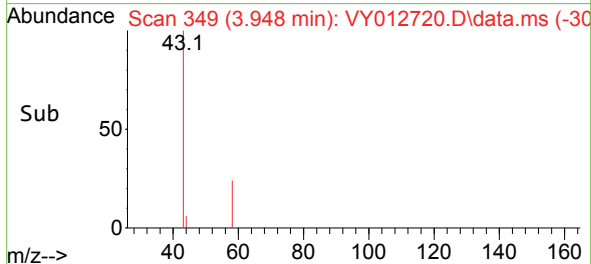
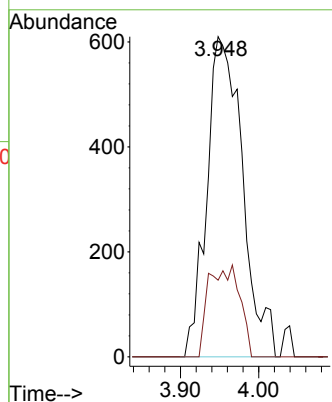
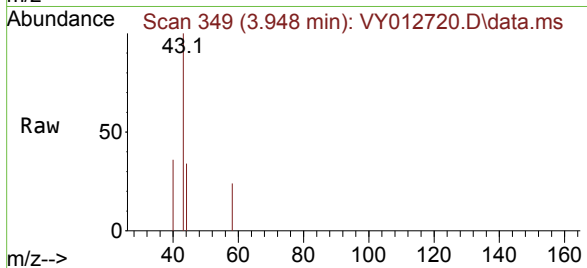
B-17-SB01

Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

43 100

58 23.9 23.3 34.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

Tgt Ion: 84 Resp: 8027

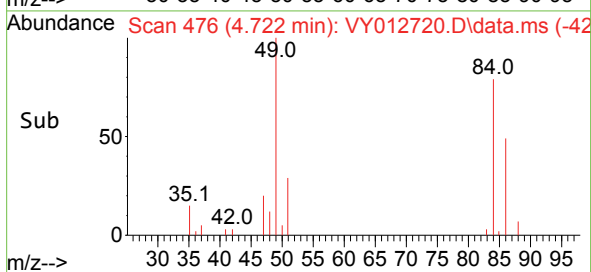
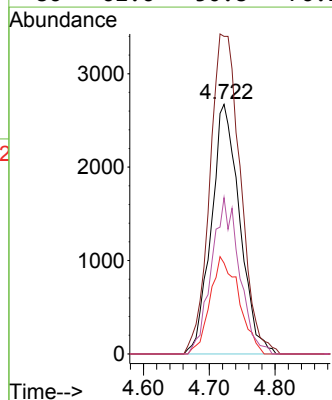
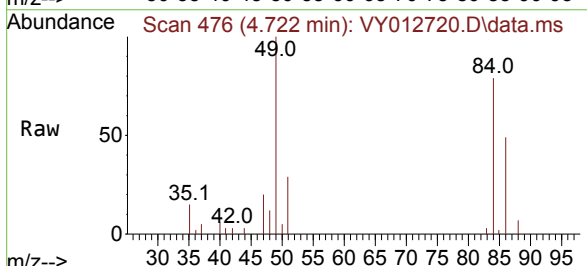
Ion Ratio Lower Upper

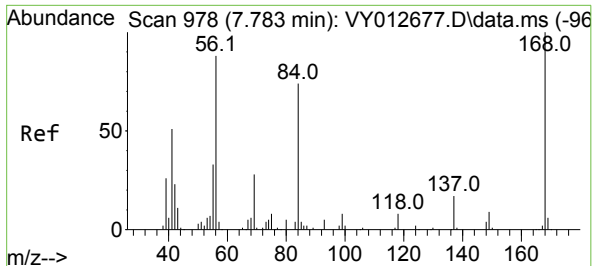
84 100

49 127.2 111.1 166.7

51 36.4 33.5 50.3

86 62.6 50.8 76.2

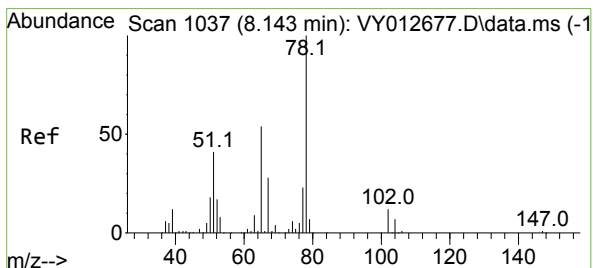
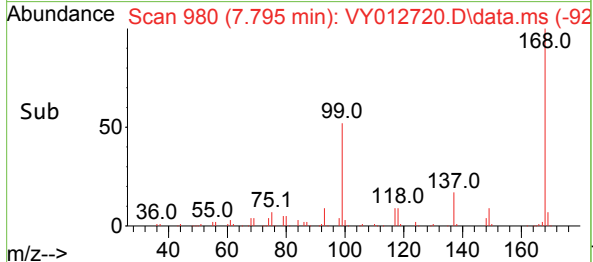
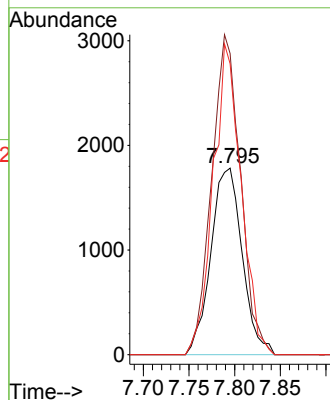
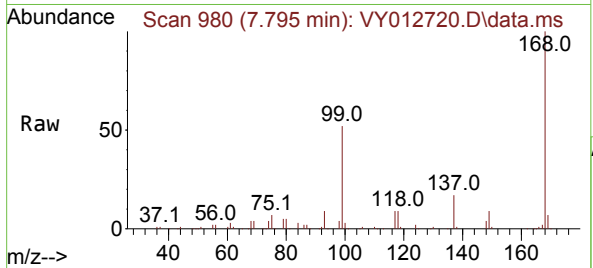




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

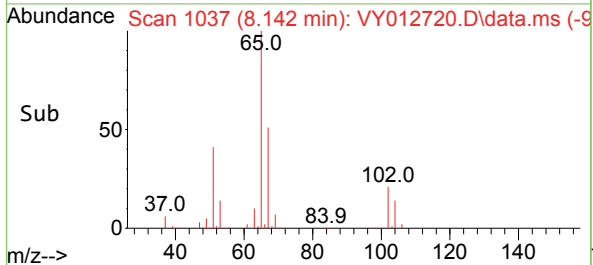
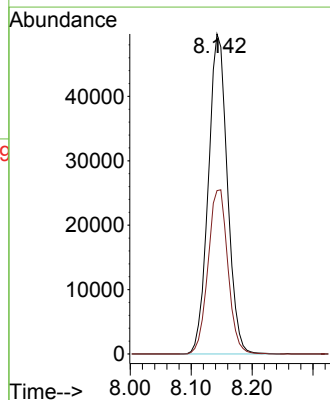
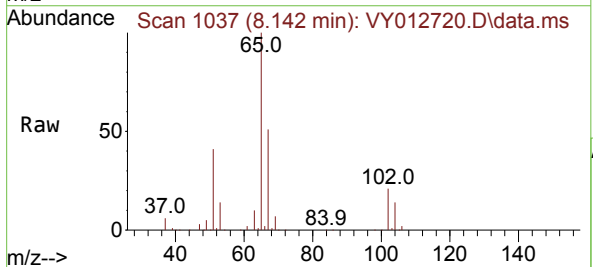
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB01

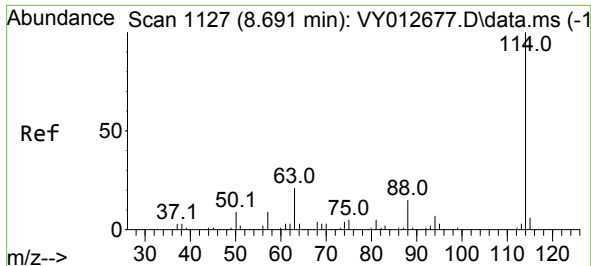
Tgt Ion: 56 Resp: 4250
Ion Ratio Lower Upper
56 100
69 161.5 25.4 38.2#
84 156.0 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 50.623 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 65 Resp: 108066
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

B-17-SB01

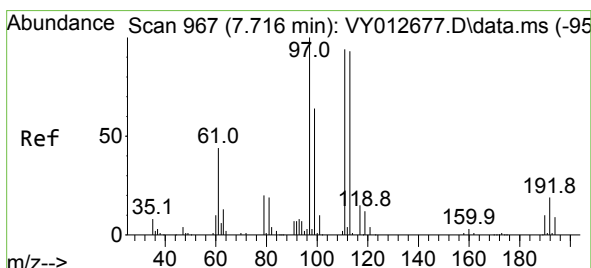
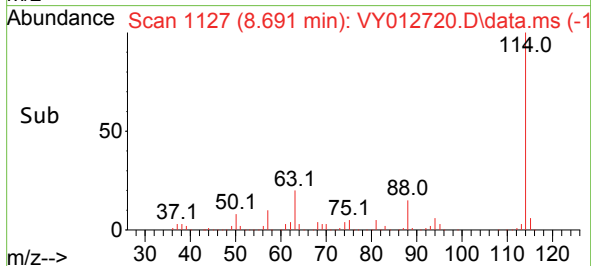
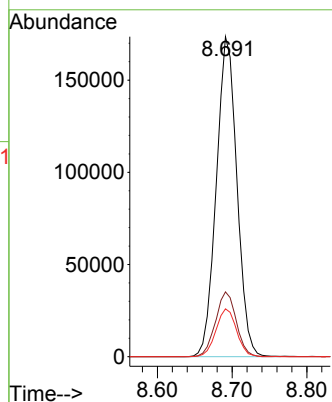
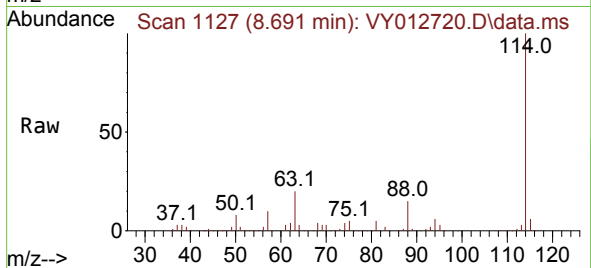
Tgt Ion:114 Resp: 332623

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.356 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

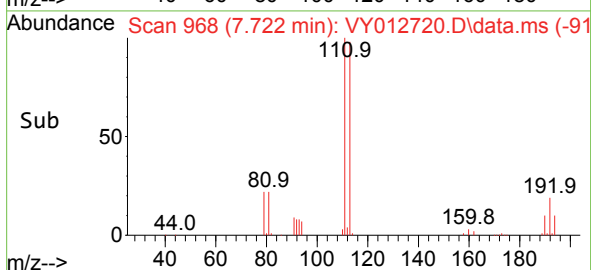
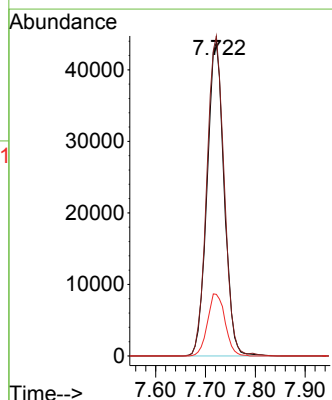
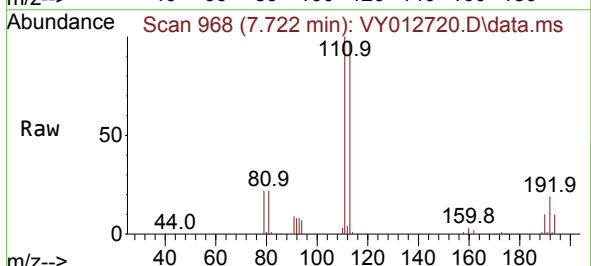
Tgt Ion:113 Resp: 104146

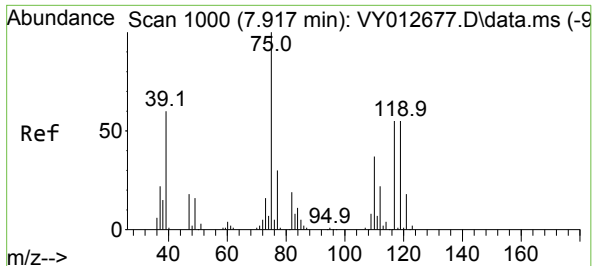
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 20.4 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.984 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

B-17-SB01

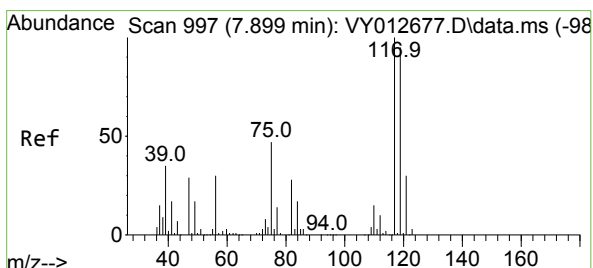
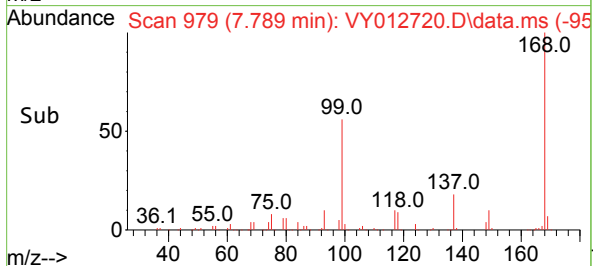
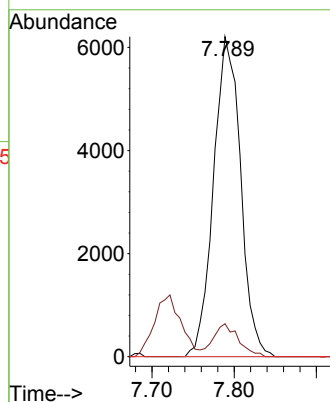
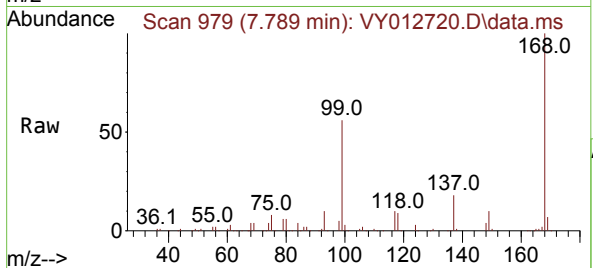
Tgt Ion: 75 Resp: 14188

Ion Ratio Lower Upper

75 100

110 9.6 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.807 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

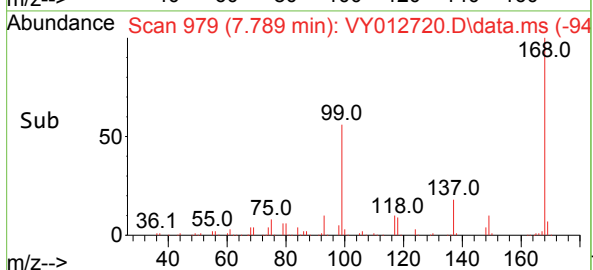
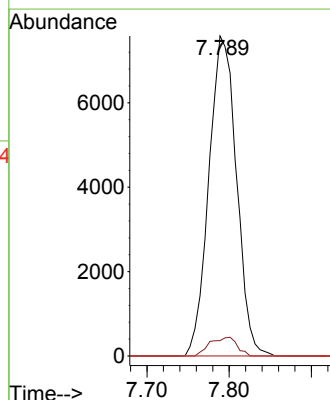
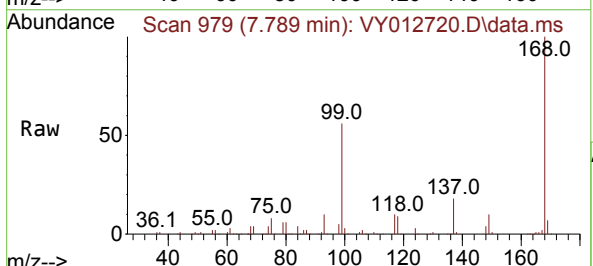
Tgt Ion: 117 Resp: 17701

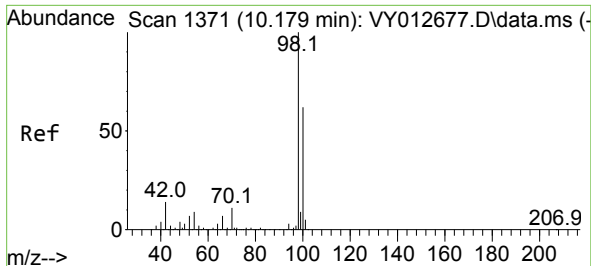
Ion Ratio Lower Upper

117 100

119 4.8 75.5 113.3#

121 0.0 23.8 35.8#

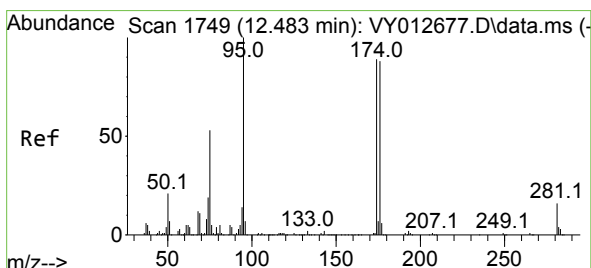
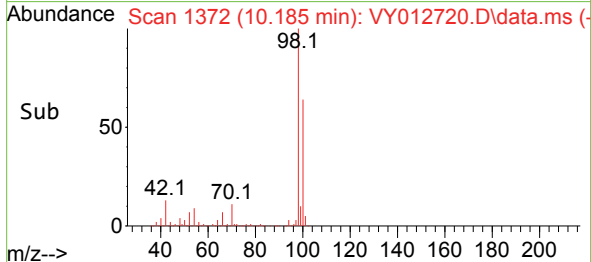
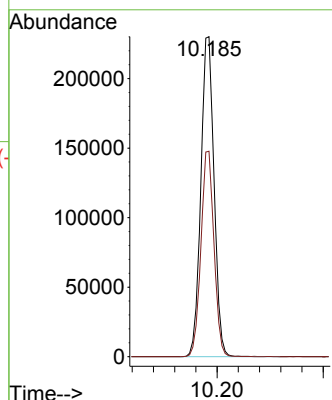
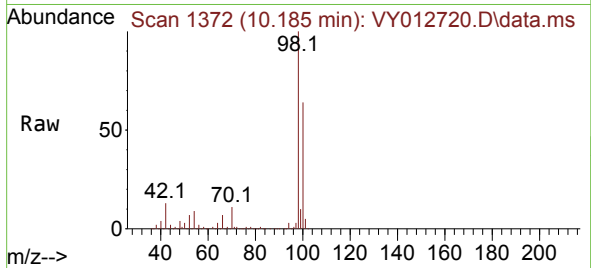




#50
Toluene-d8
Concen: 47.262 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

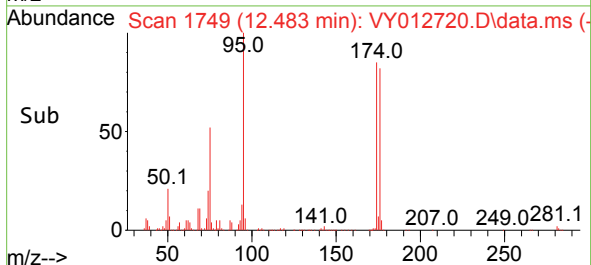
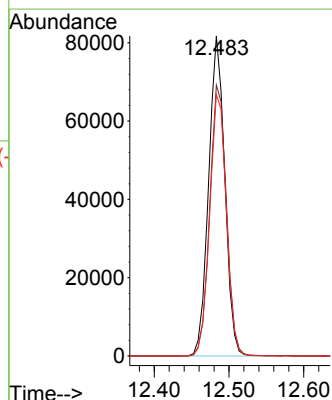
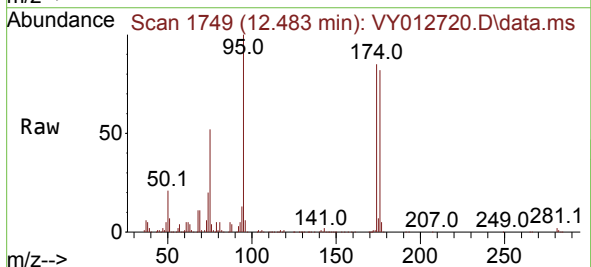
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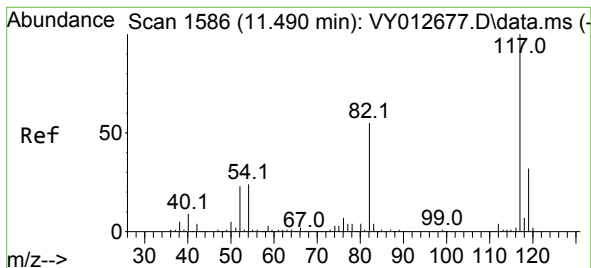
Tgt Ion: 98 Resp: 397800
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 95 Resp: 122684
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.8
176 84.3 0.0 169.4

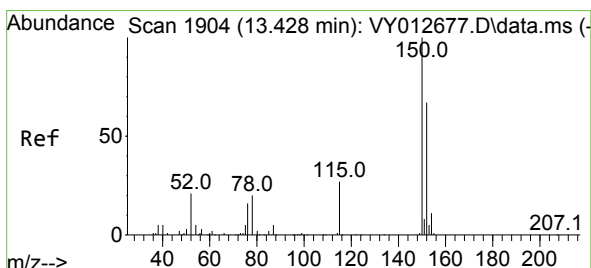
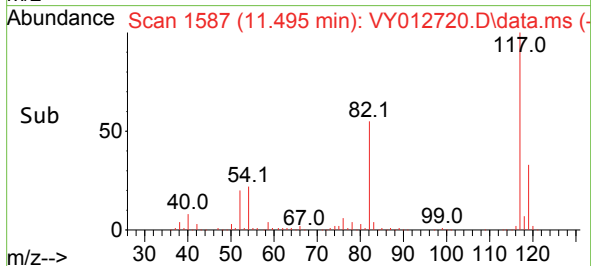
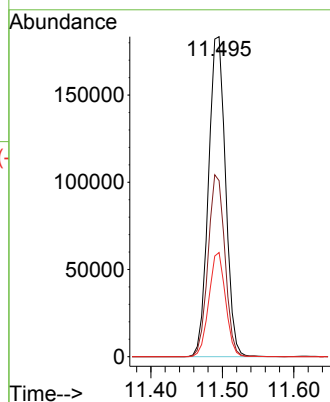
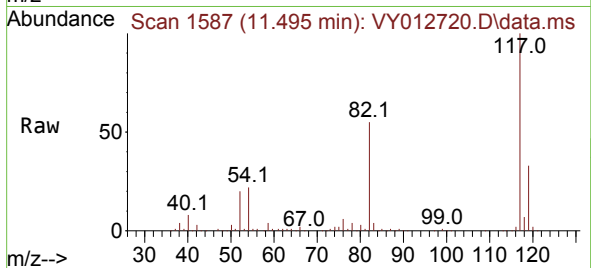




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.005 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

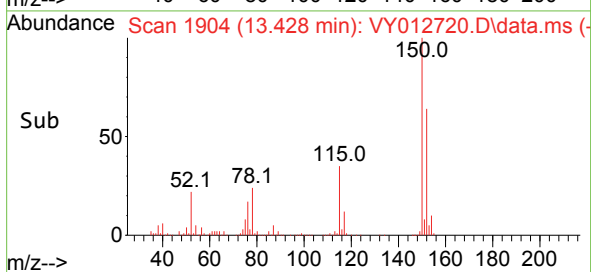
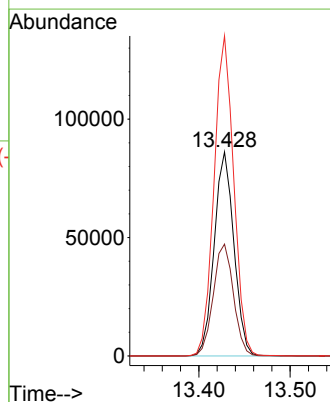
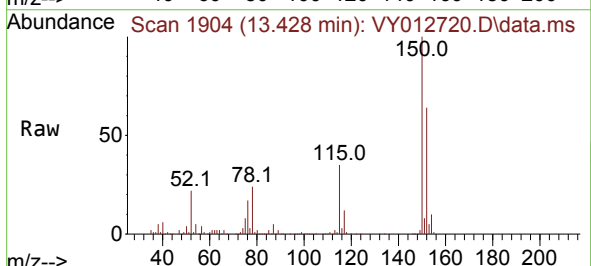
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB01

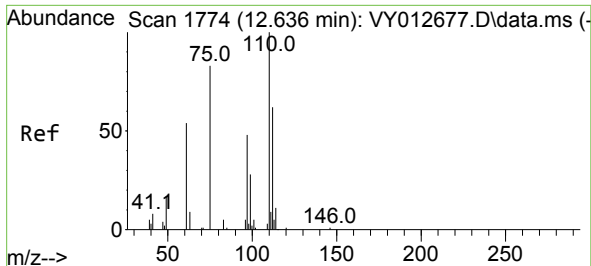
Tgt Ion:117 Resp: 304010
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion:152 Resp: 128864
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.3
150 157.0 0.0 347.6

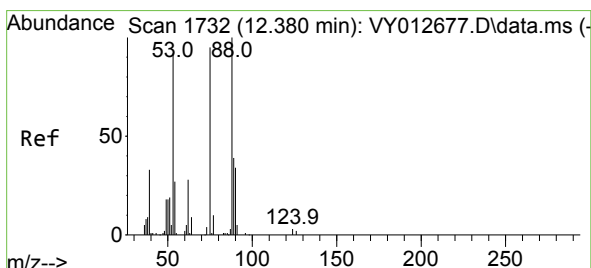
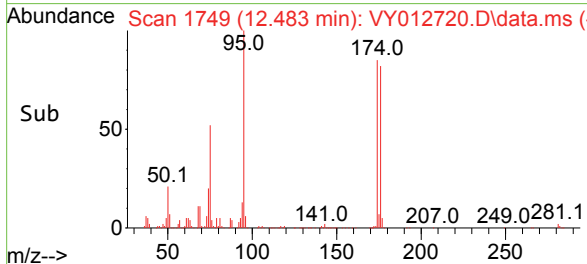
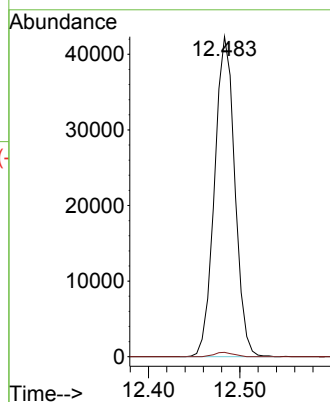
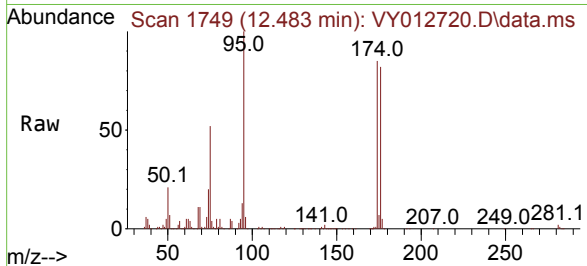




#76
1,2,3-Trichloropropane
Concen: 40.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB01

Tgt Ion: 75 Resp: 65311
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 75 Resp: 65311
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 36.5 54.7#

