

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012721.D
 Acq On : 24 Feb 2023 14:45
 Operator : KP/MD
 Sample : 01657-02
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB02

Quant Time: Feb 25 00:49:42 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)

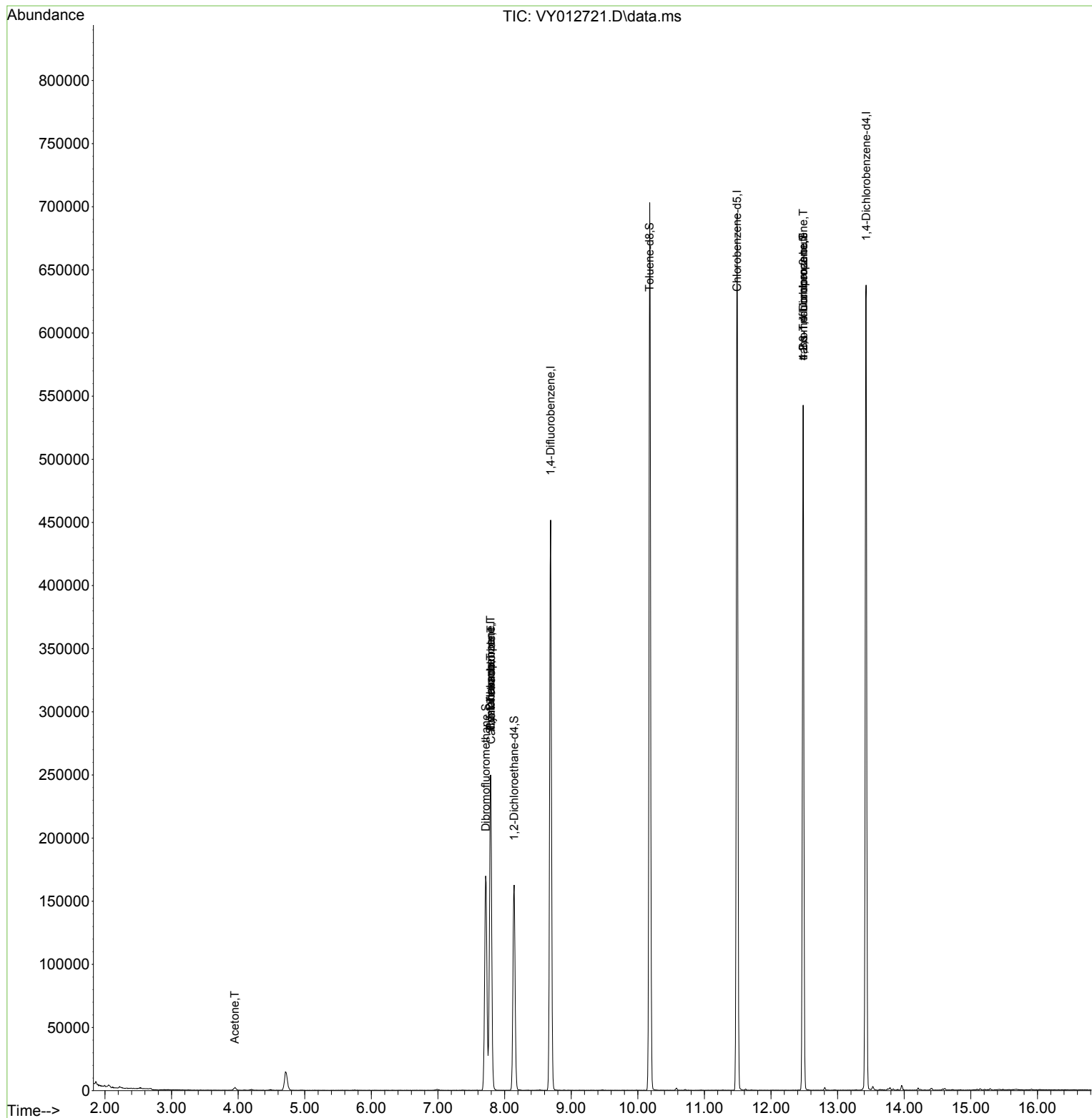
Internal Standards						
1) Pentafluorobenzene	7.789	168	194282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125625	54.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.500%	
35) Dibromofluoromethane	7.716	113	120065	48.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.260%	
50) Toluene-d8	10.179	98	441981	47.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	12.483	95	150450	50.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	230	Below Cal	#	42
16) Acetone	3.948	43	3716	4.963	ug/l	99
20) Methylene Chloride	4.716	84	10410	Below Cal		92
31) Cyclohexane	7.789	56	4274	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14944	3.779	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18842	4.608	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	79725	39.440	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79725	83.553	ug/l #	9

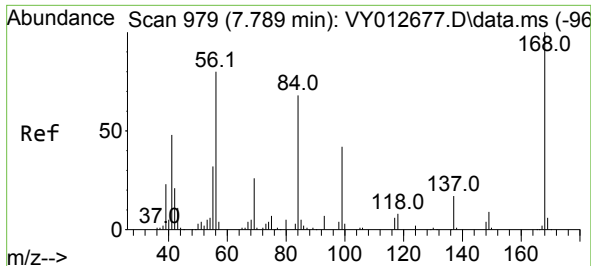
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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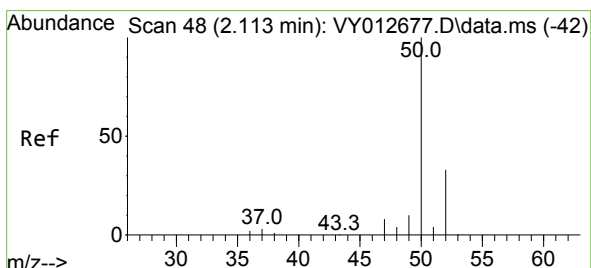
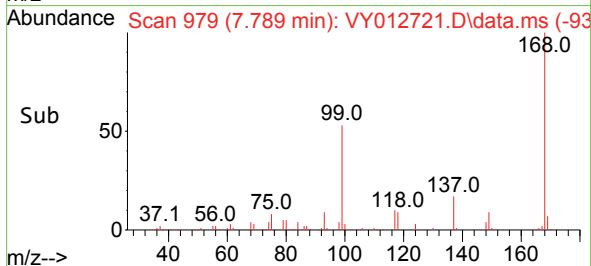
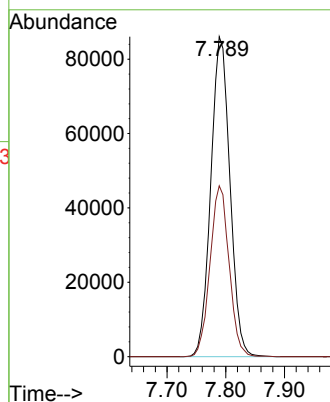
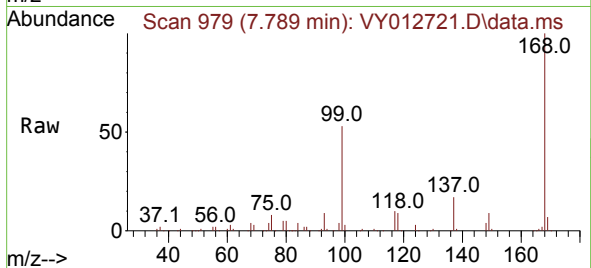




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

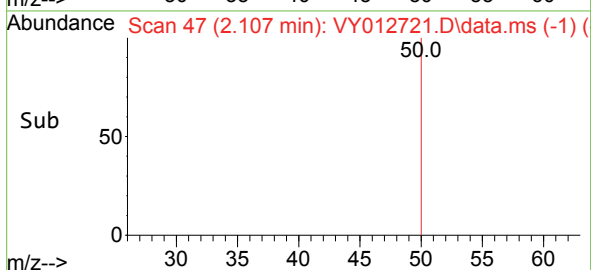
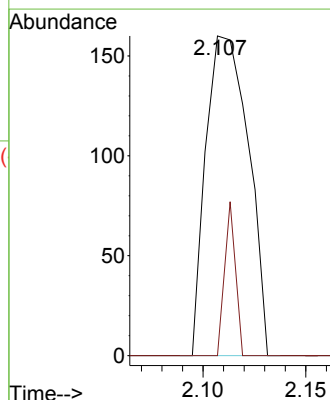
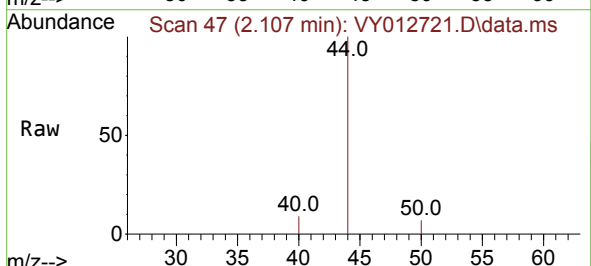
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

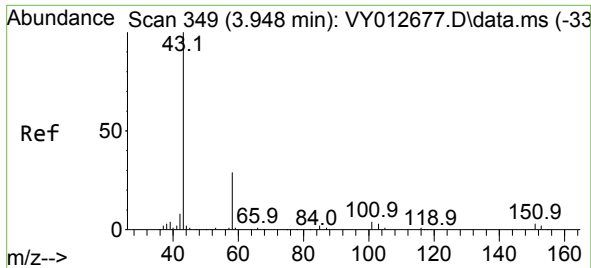
Tgt Ion:168 Resp: 194282
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#16

Acetone

Concen: 4.963 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY012721.D

Acq: 24 Feb 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

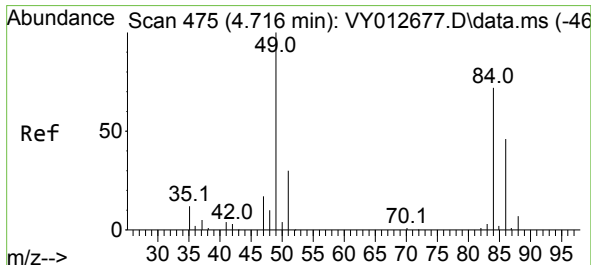
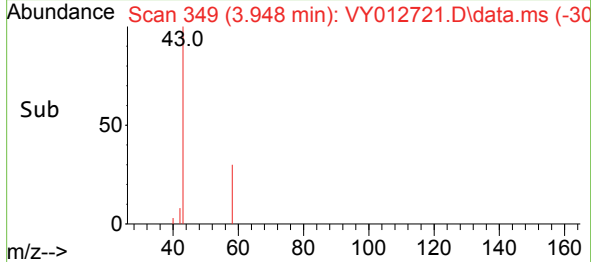
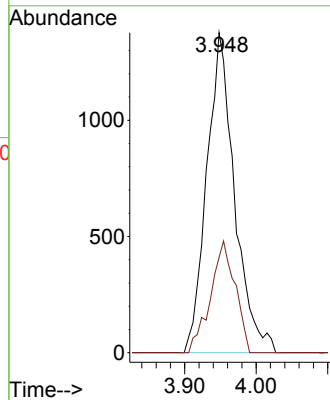
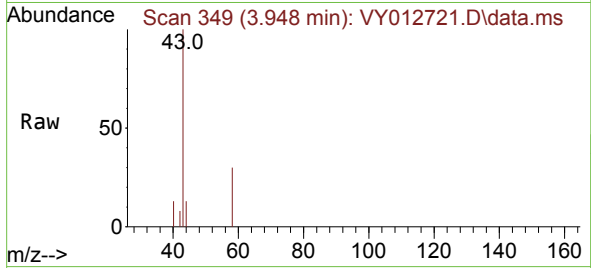
B-17-SB02

Tgt Ion: 43 Resp: 3716

Ion Ratio Lower Upper

43 100

58 29.8 23.3 34.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012721.D

Acq: 24 Feb 2023 14:45

Tgt Ion: 84 Resp: 10410

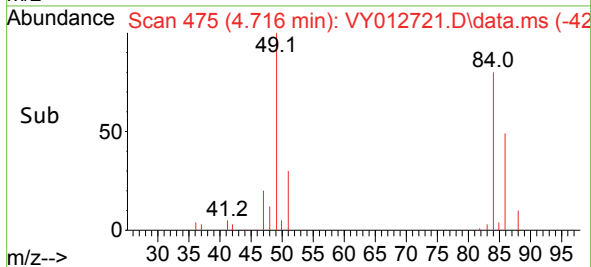
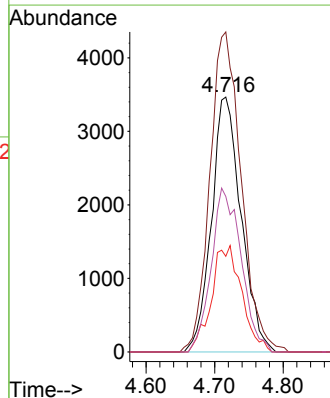
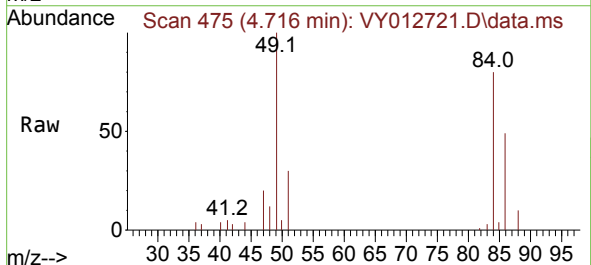
Ion Ratio Lower Upper

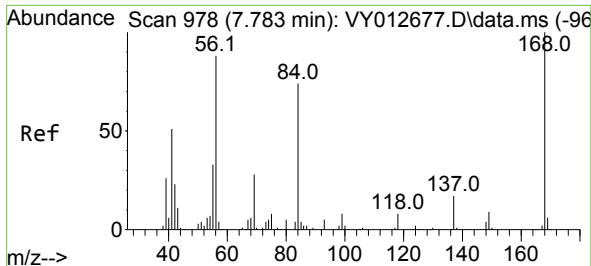
84 100

49 125.6 111.1 166.7

51 37.5 33.5 50.3

86 61.1 50.8 76.2

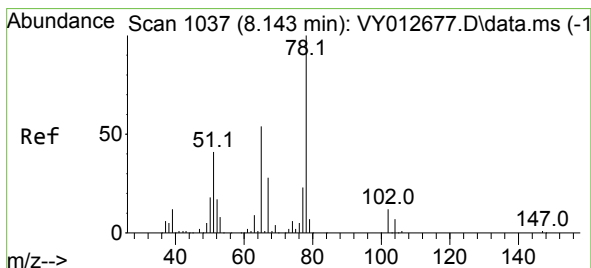
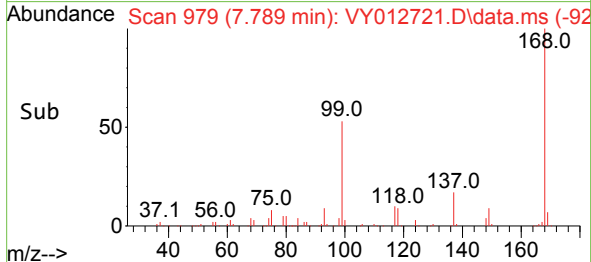
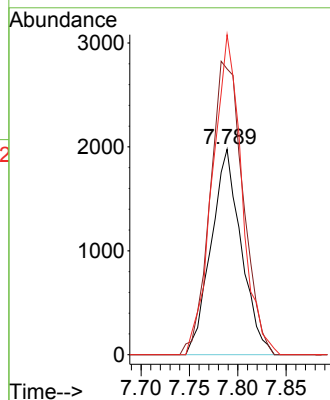
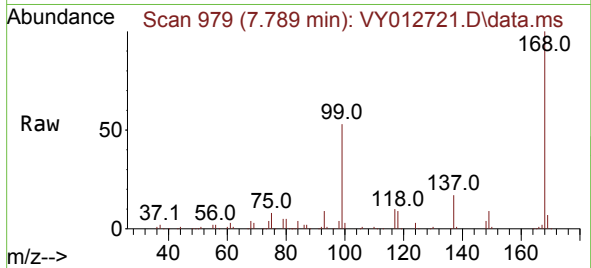




#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

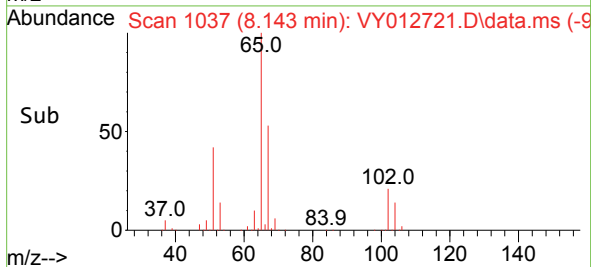
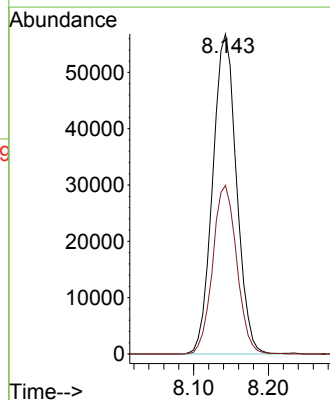
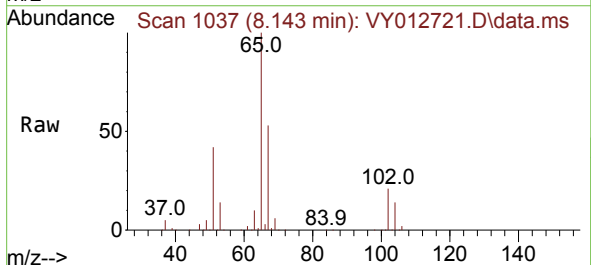
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

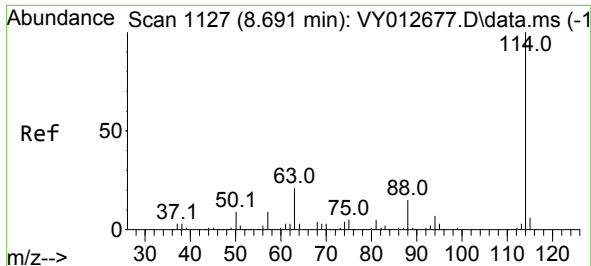
Tgt Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 139.2 25.4 38.2#
84 155.8 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 54.749 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 65 Resp: 125625
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.6

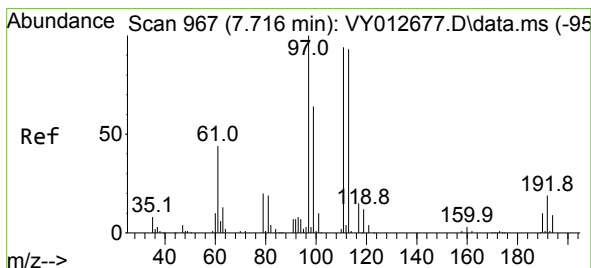
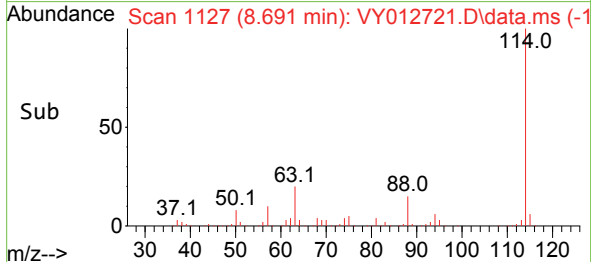
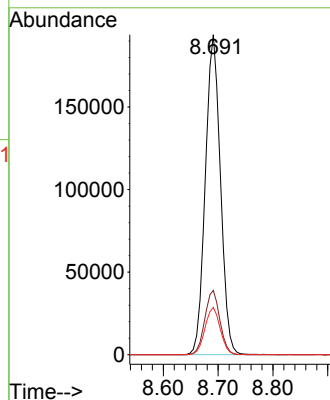
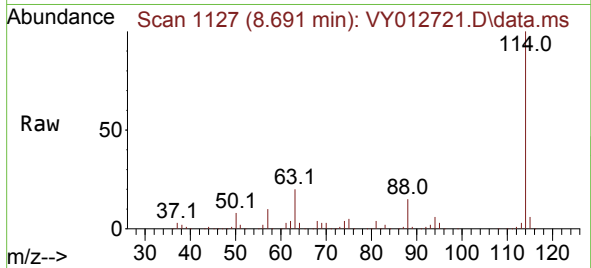




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

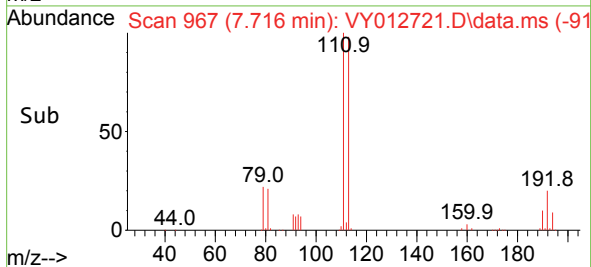
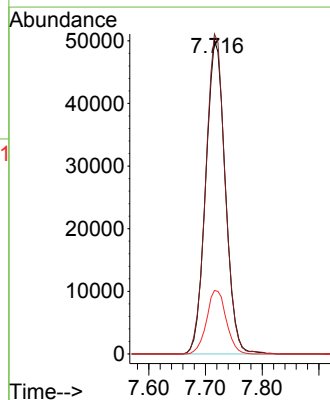
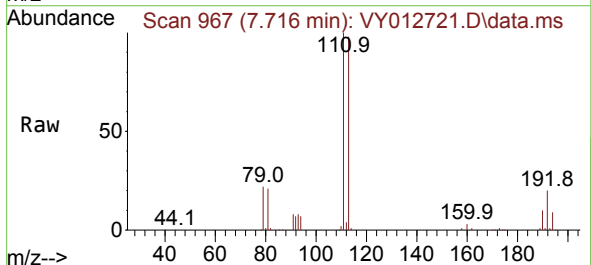
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

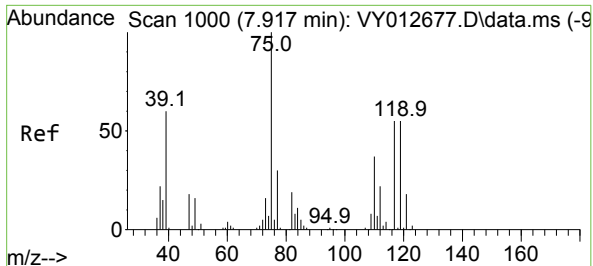
Tgt Ion:114 Resp: 369352
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 48.128 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion:113 Resp: 120065
Ion Ratio Lower Upper
113 100
111 101.4 82.0 123.0
192 20.4 16.2 24.2

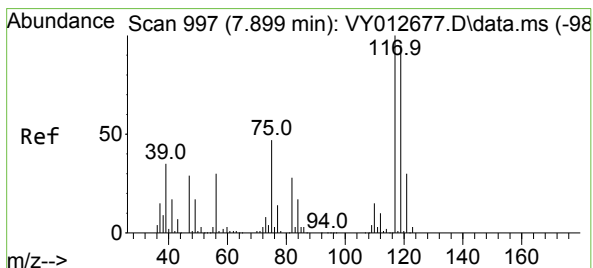
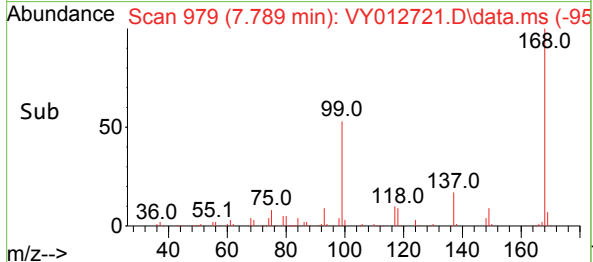
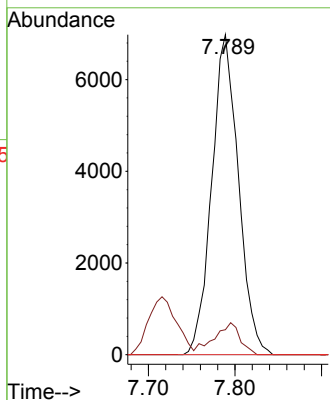
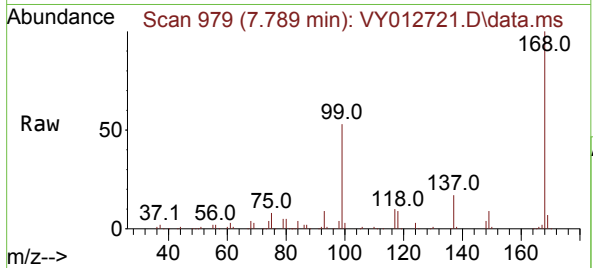




#36
1,1-Dichloropropene
Concen: 3.779 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

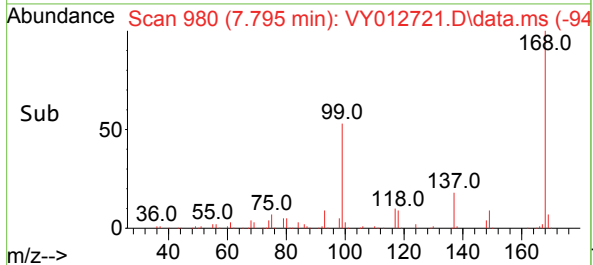
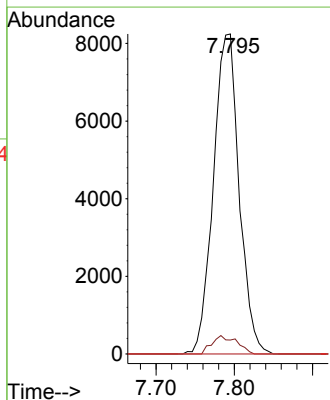
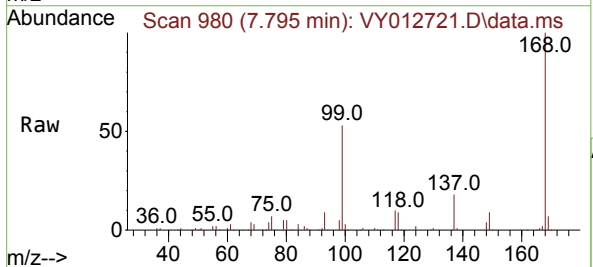
Instrument :
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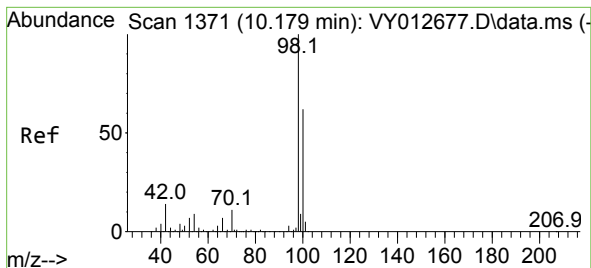
Tgt Ion: 75 Resp: 14944
Ion Ratio Lower Upper
75 100
110 9.7 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.608 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 117 Resp: 18842
Ion Ratio Lower Upper
117 100
119 4.4 75.5 113.3#
121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 47.289 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012721.D

Acq: 24 Feb 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

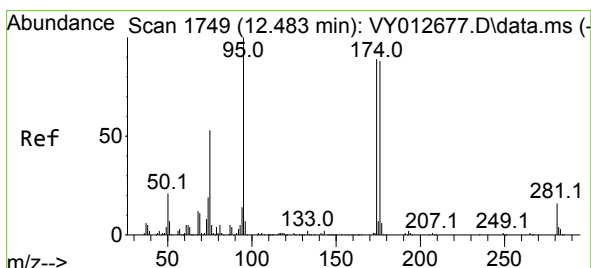
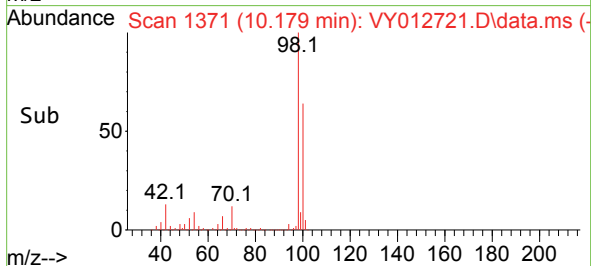
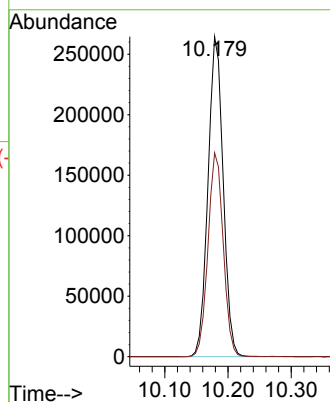
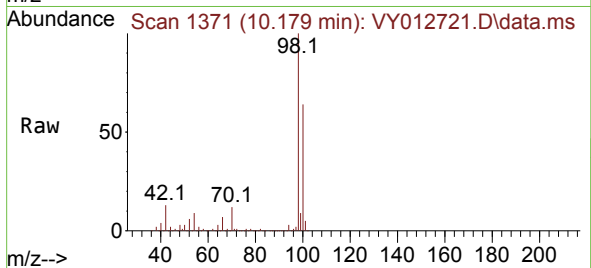
B-17-SB02

Tgt Ion: 98 Resp: 441981

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 50.303 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012721.D

Acq: 24 Feb 2023 14:45

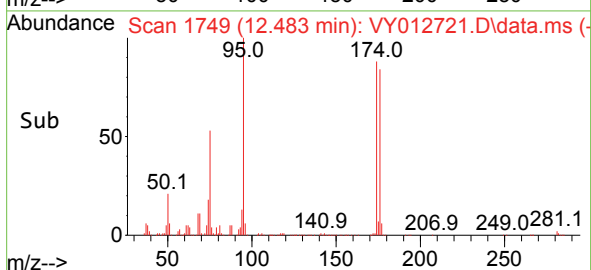
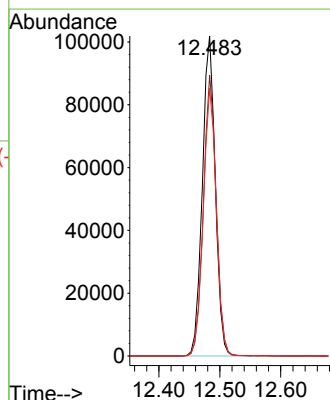
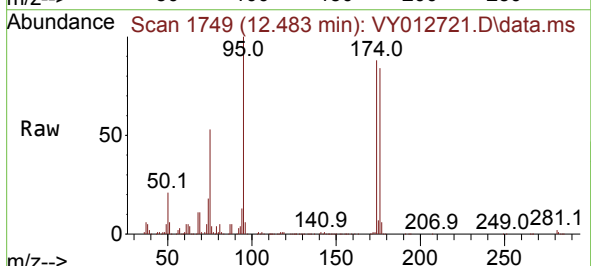
Tgt Ion: 95 Resp: 150450

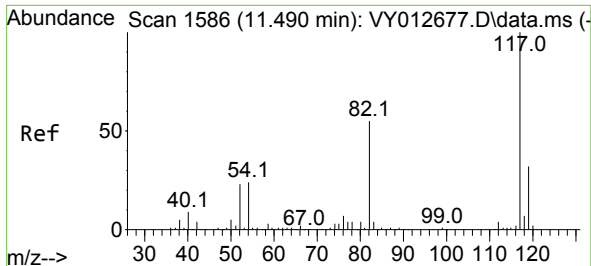
Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.8

176 84.4 0.0 169.4

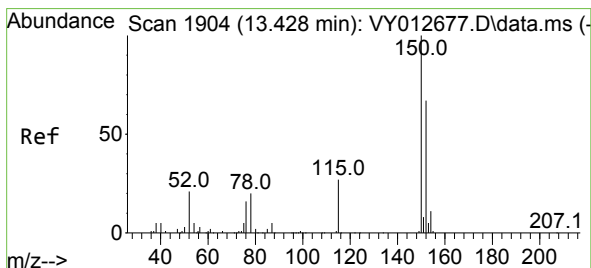
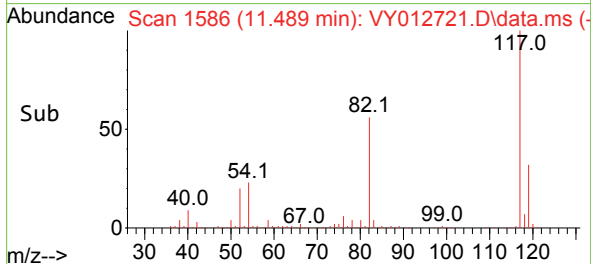
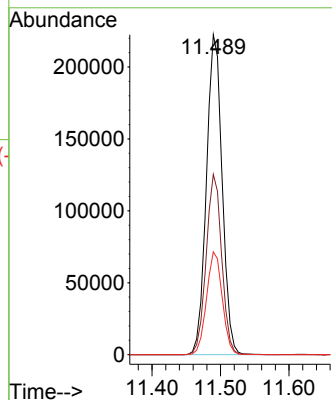
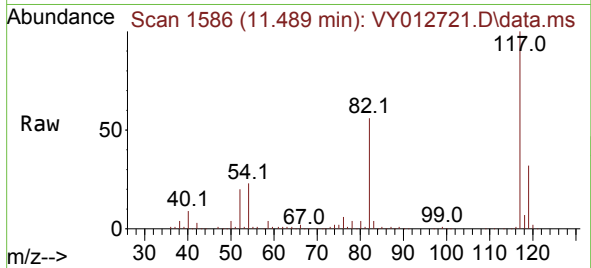




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

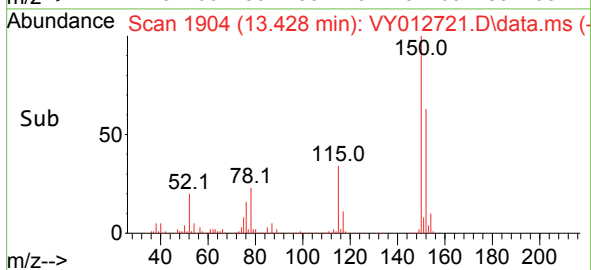
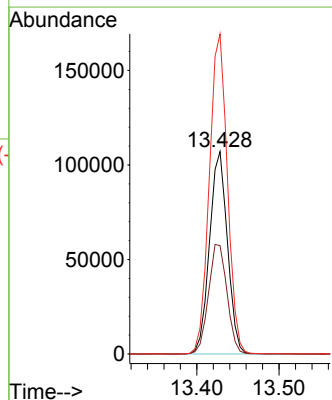
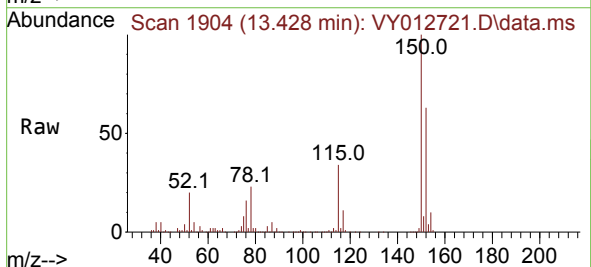
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

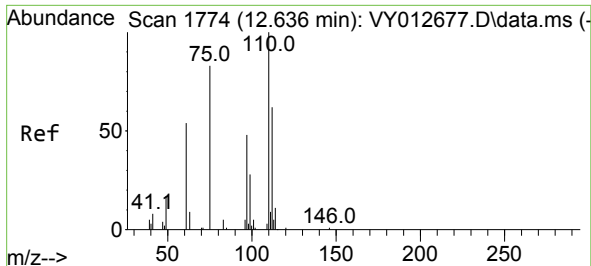
Tgt Ion:117 Resp: 355278
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion:152 Resp: 162146
Ion Ratio Lower Upper
152 100
115 56.0 28.7 86.3
150 159.4 0.0 347.6

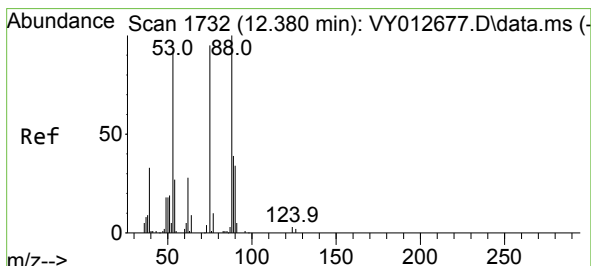
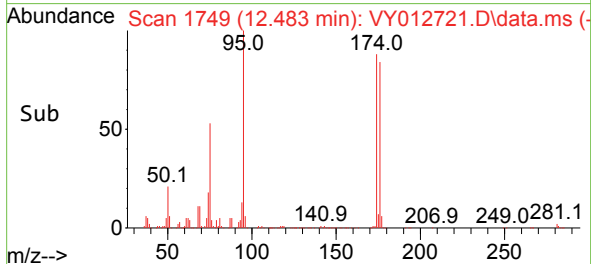
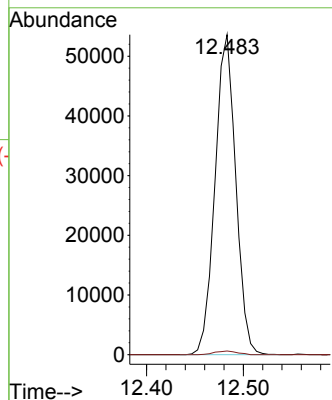
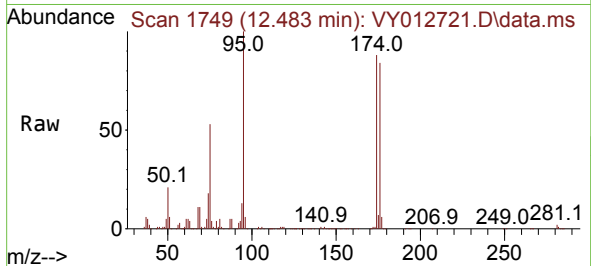




#76
1,2,3-Trichloropropane
Concen: 39.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

Tgt Ion: 75 Resp: 79725
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 75 Resp: 79725
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 36.5 54.7#

