

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017808.D
 Acq On : 01 Apr 2024 15:49
 Operator : SY/MD
 Sample : P1917-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CCM-2RE

Quant Time: Apr 02 03:21:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

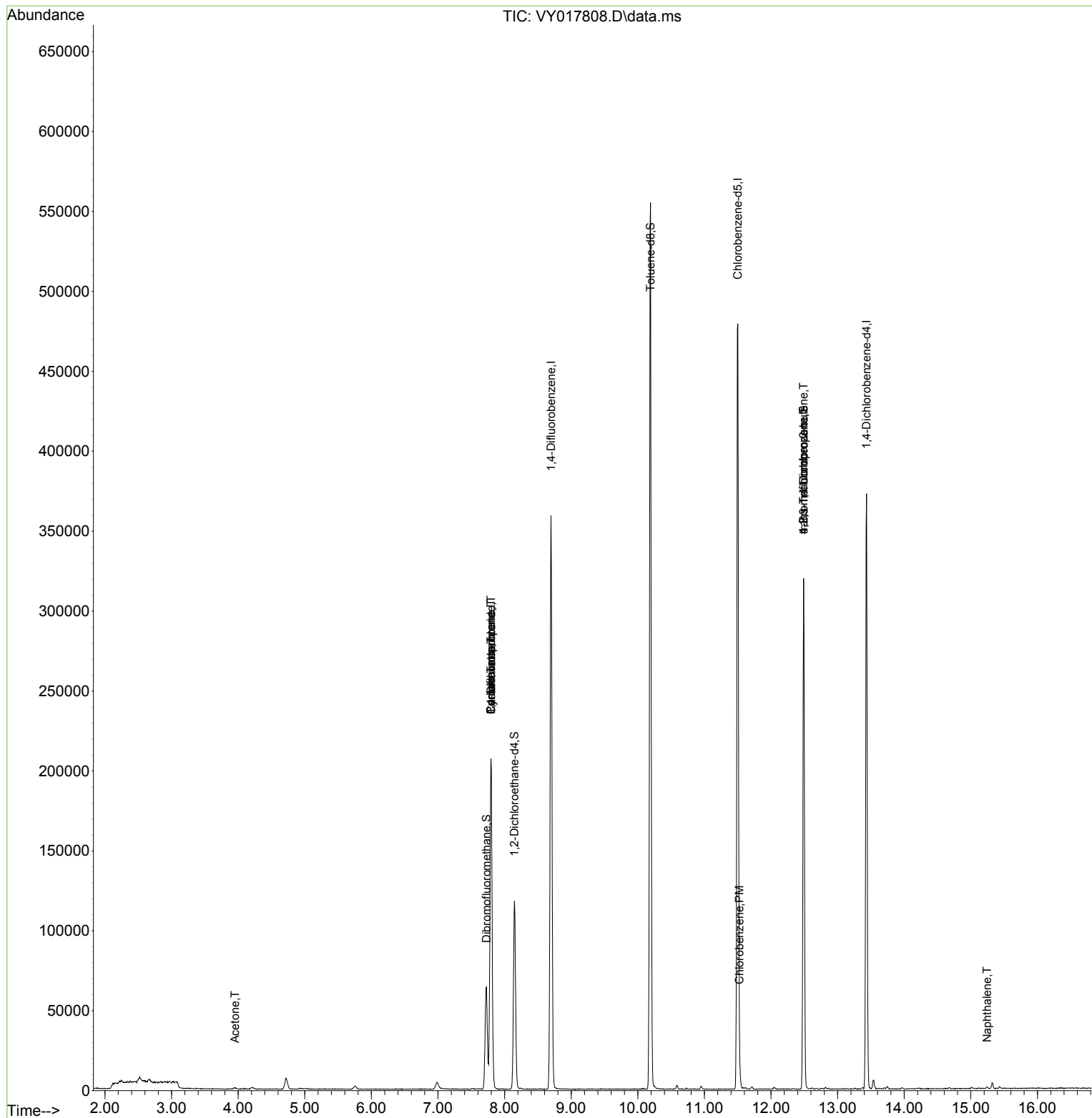
Internal Standards						
1) Pentafluorobenzene	7.795	168	166675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	272098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	96944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91148	63.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.400%
35) Dibromofluoromethane	7.728	113	46593	25.997	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.000%#
50) Toluene-d8	10.191	98	364117	54.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.489	95	93122	45.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.440%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	286	Below Cal	#	88
16) Acetone	3.954	43	1502	5.038	ug/l #	81
31) Cyclohexane	7.795	56	3400	1.338	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	12664	4.843	ug/l #	47
38) Carbon Tetrachloride	7.795	117	15579	5.739	ug/l #	16
48) Methyl methacrylate	9.124	41	22	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.081	43	316	Below Cal		94
59) 2-Hexanone	10.855	43	184	Below Cal	#	32
65) Chlorobenzene	11.526	112	7017	1.257	ug/l	91
69) o-Xylene	12.038	106	208	Below Cal		63
70) Styrene	12.056	104	473	Below Cal	#	57
74) N-amyl acetate	12.154	43	187	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.489	75	49101	55.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49101	108.049	ug/l #	16
95) Naphthalene	15.245	128	1281	1.367	ug/l #	86

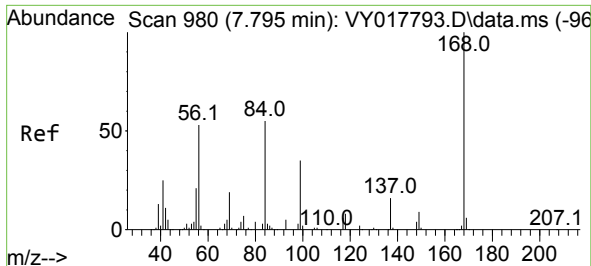
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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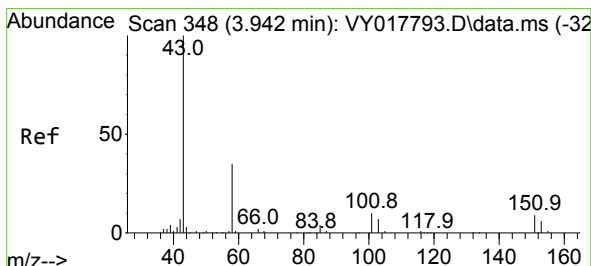
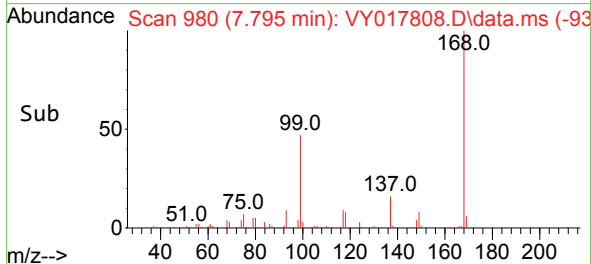
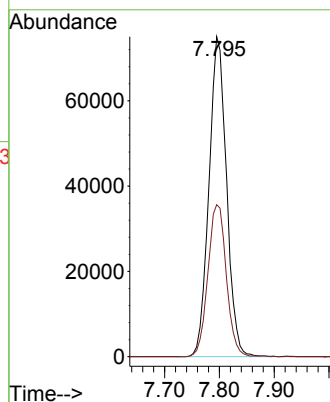
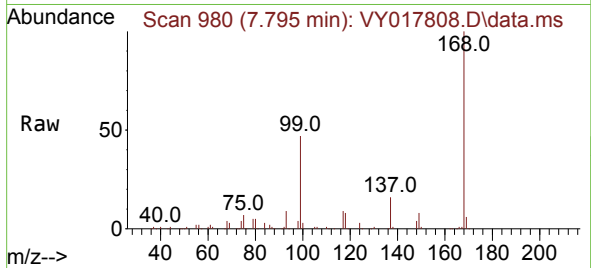




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

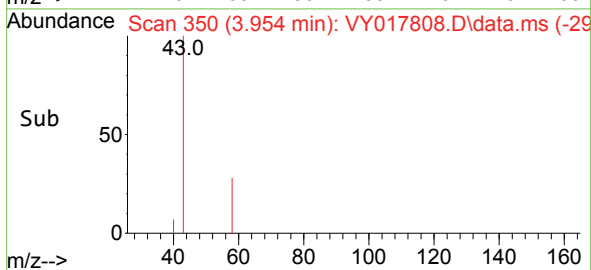
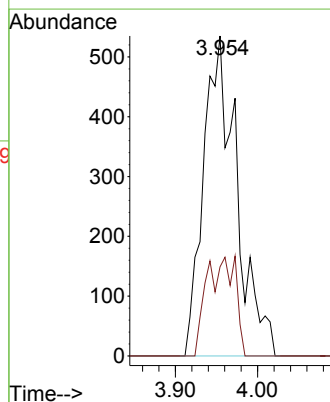
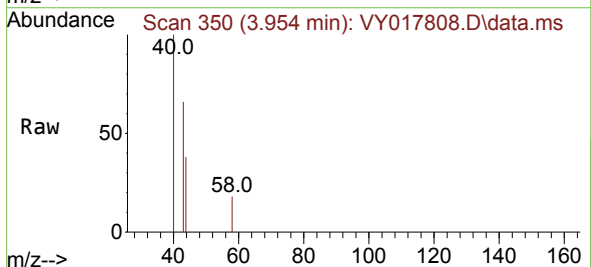
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2RE

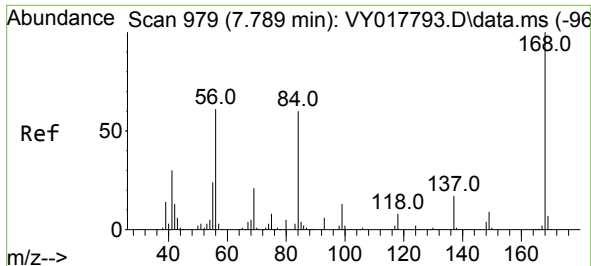
Tgt Ion:168 Resp: 166675
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 5.038 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#

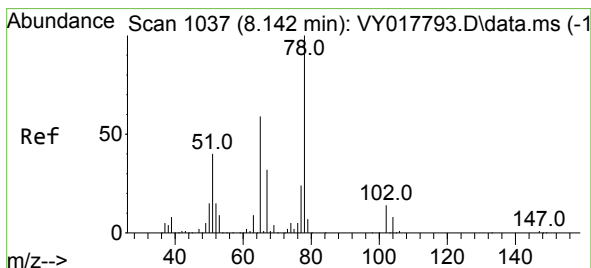
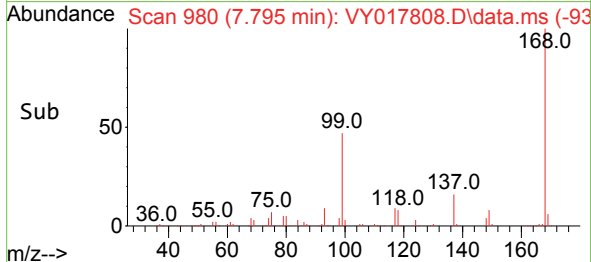
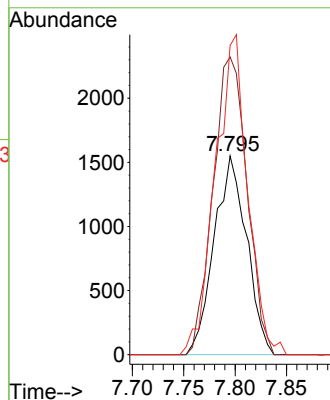
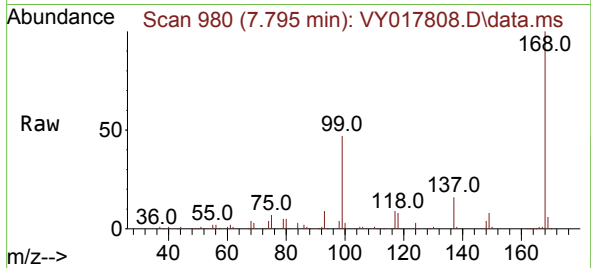




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

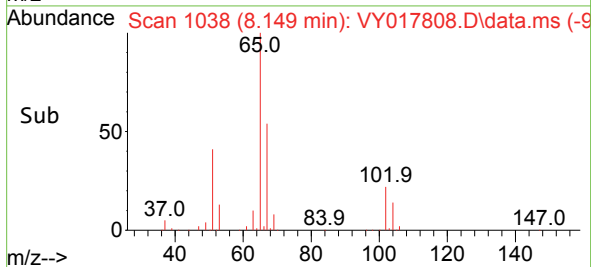
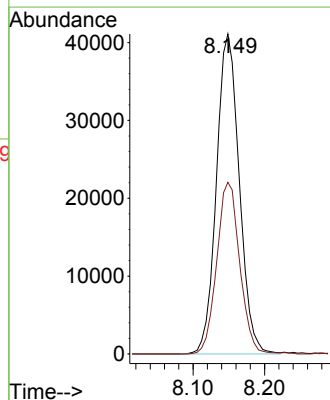
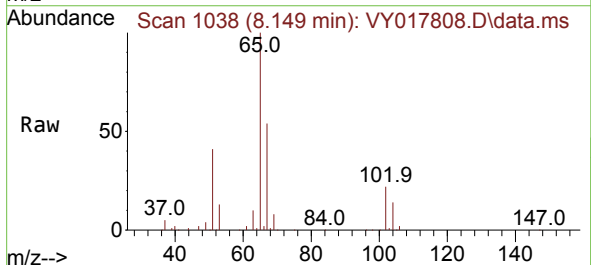
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2RE

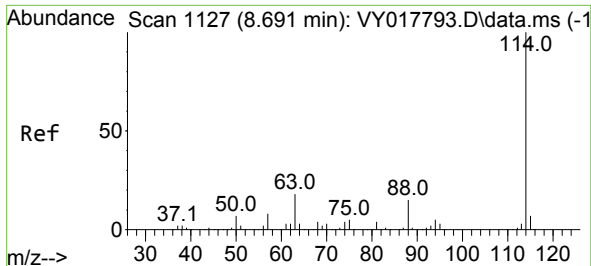
Tgt Ion: 56 Resp: 3400
Ion Ratio Lower Upper
56 100
69 149.8 28.7 43.1#
84 155.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.196 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Tgt Ion: 65 Resp: 91148
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017808.D

Acq: 01 Apr 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

CCM-2RE

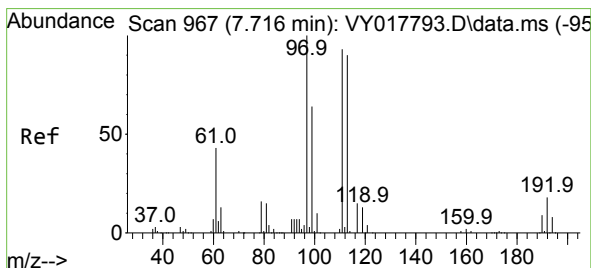
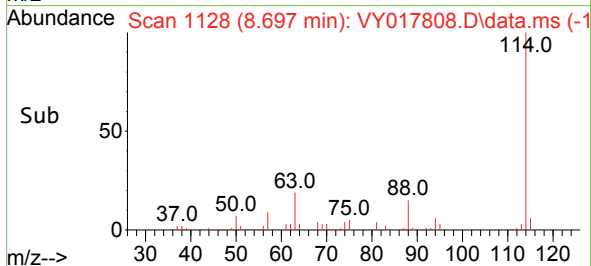
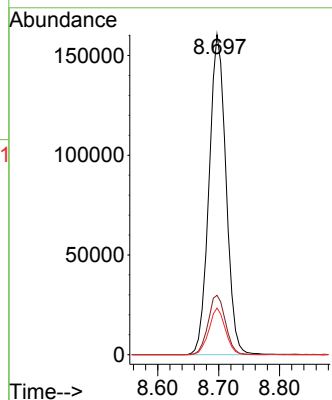
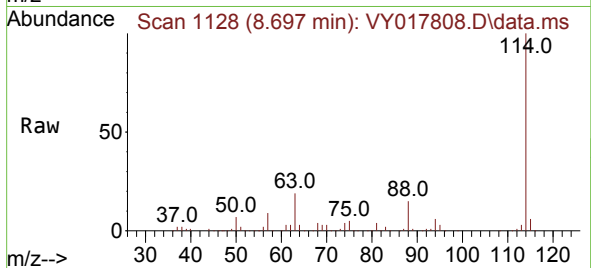
Tgt Ion:114 Resp: 310166

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 25.997 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017808.D

Acq: 01 Apr 2024 15:49

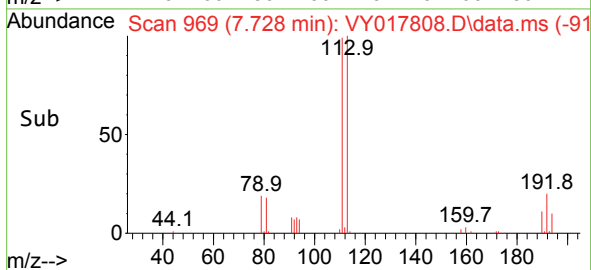
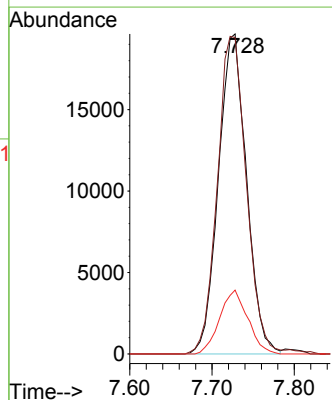
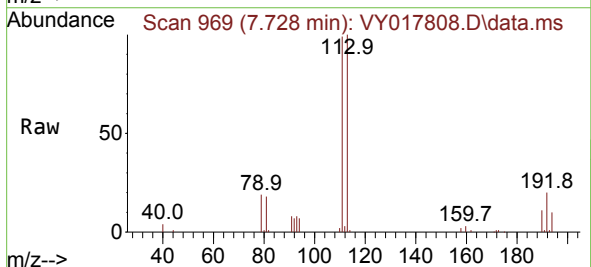
Tgt Ion:113 Resp: 46593

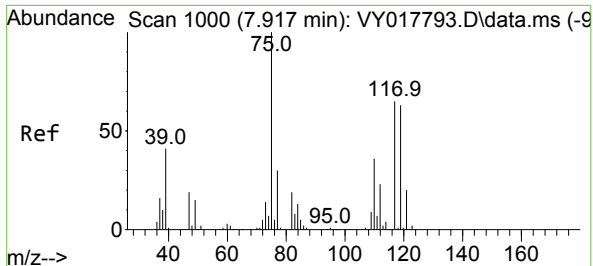
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 20.1 15.9 23.9

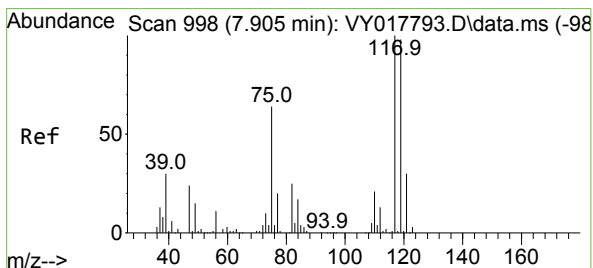
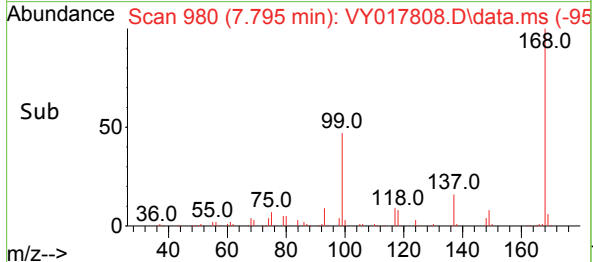
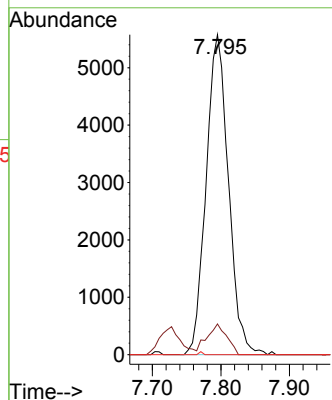
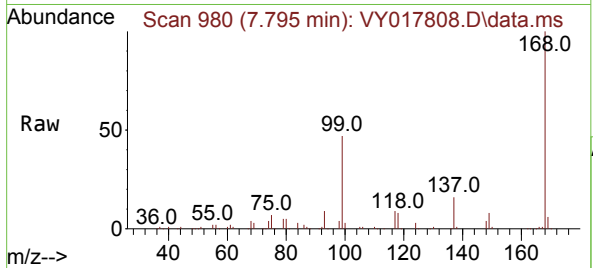




#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

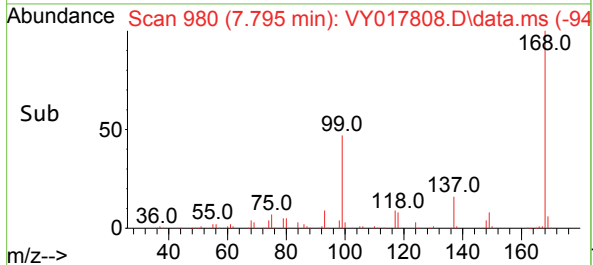
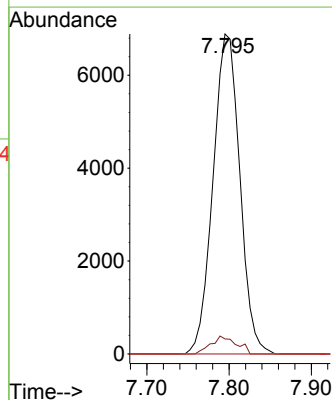
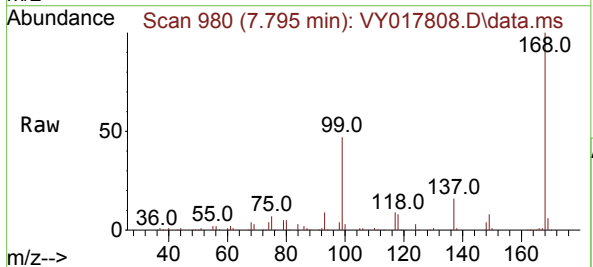
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2RE

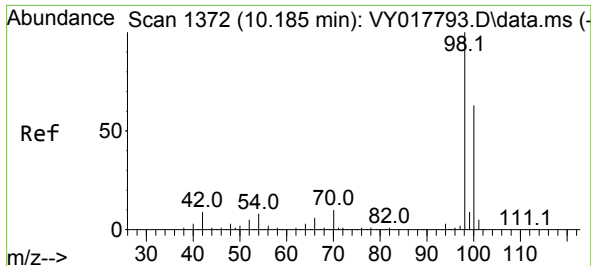
Tgt Ion: 75 Resp: 12664
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Tgt Ion: 117 Resp: 15579
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#

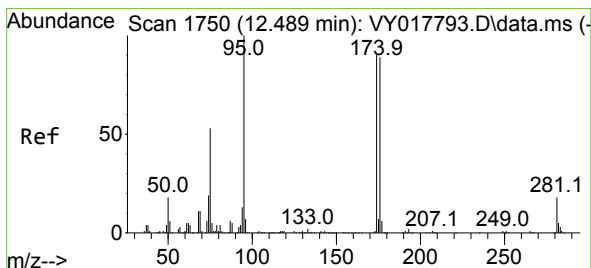
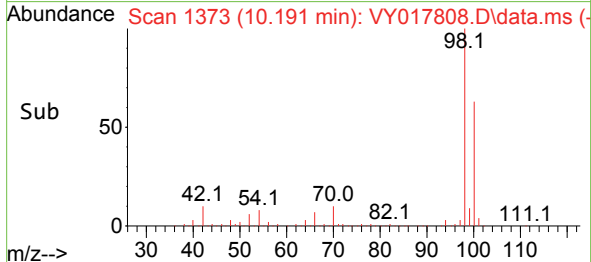
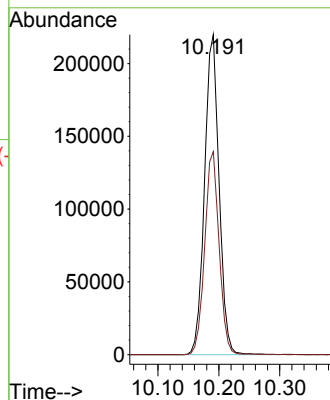
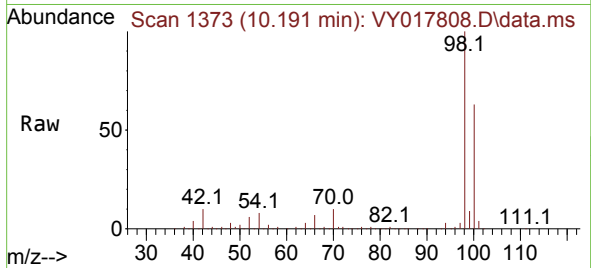




#50
Toluene-d8
Concen: 54.387 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

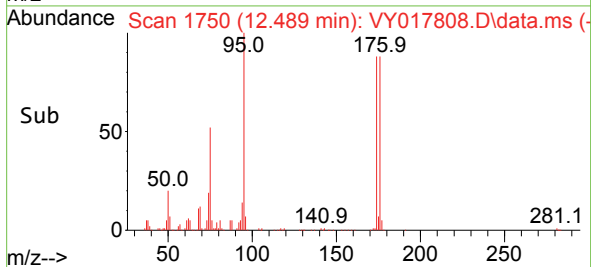
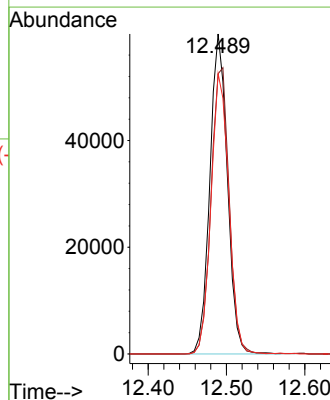
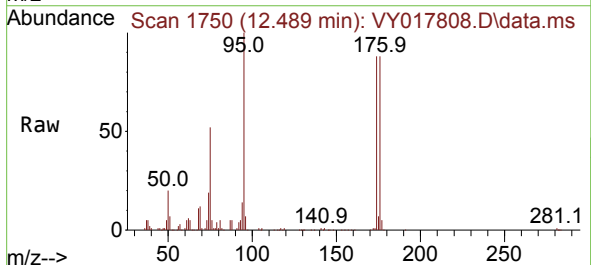
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2RE

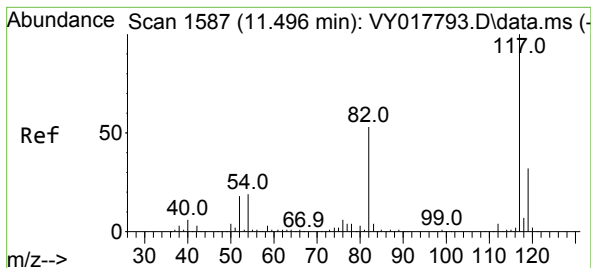
Tgt Ion: 98 Resp: 364117
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Tgt Ion: 95 Resp: 93122
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 89.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017808.D

Acq: 01 Apr 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

CCM-2RE

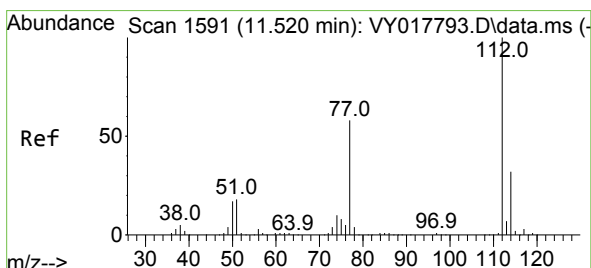
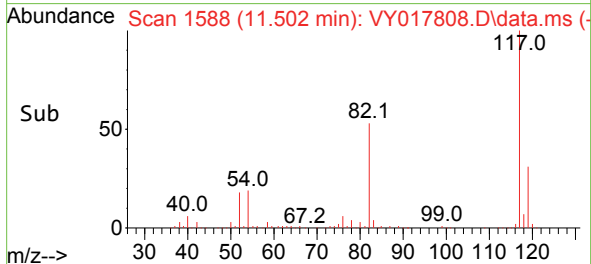
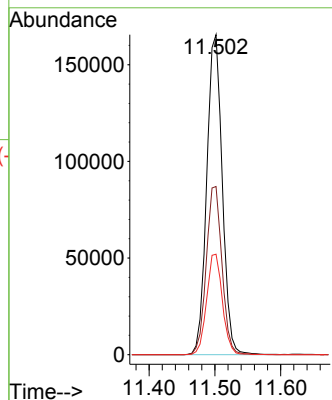
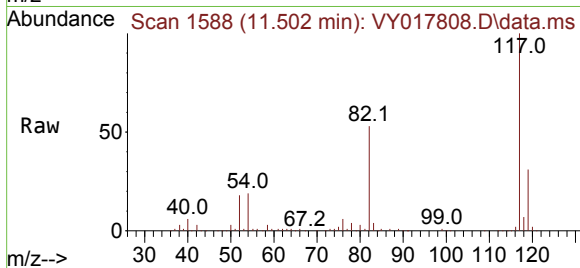
Tgt Ion:117 Resp: 272098

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 31.4 25.9 38.9



#65

Chlorobenzene

Concen: 1.257 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.006 min

Lab File: VY017808.D

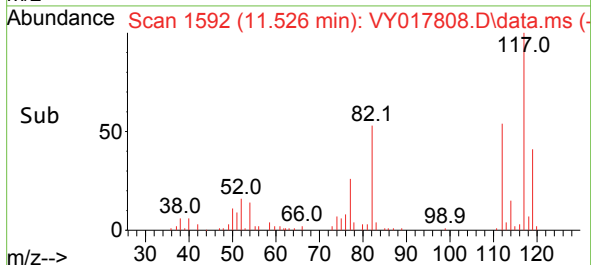
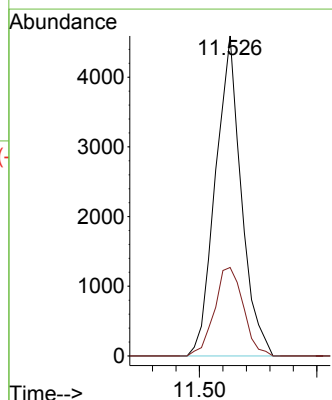
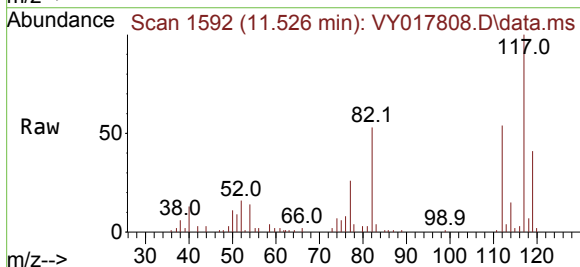
Acq: 01 Apr 2024 15:49

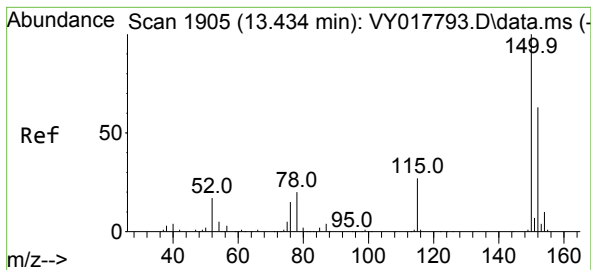
Tgt Ion:112 Resp: 7017

Ion Ratio Lower Upper

112 100

114 27.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017808.D

Acq: 01 Apr 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

CCM-2RE

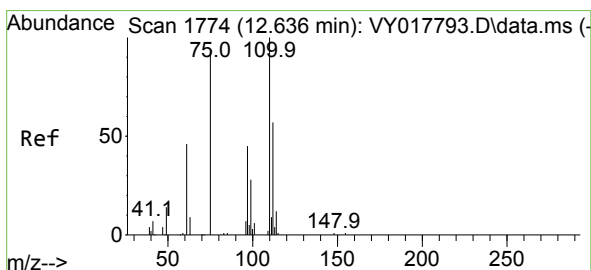
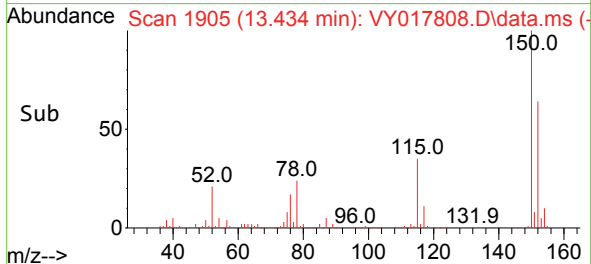
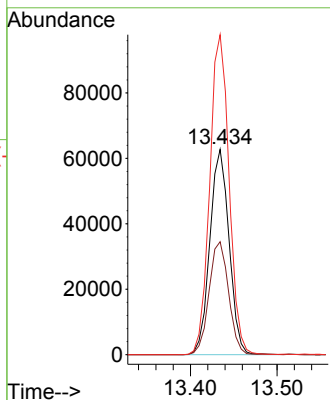
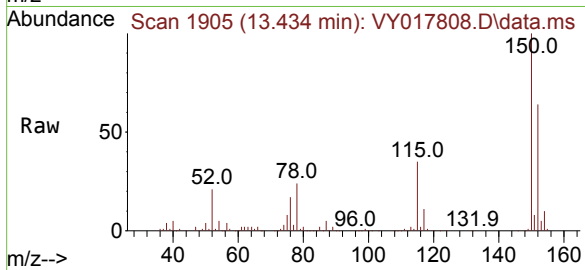
Tgt Ion:152 Resp: 96944

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.581 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017808.D

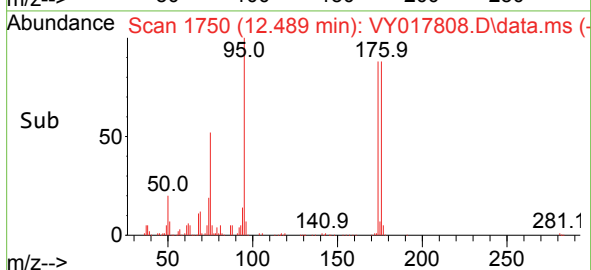
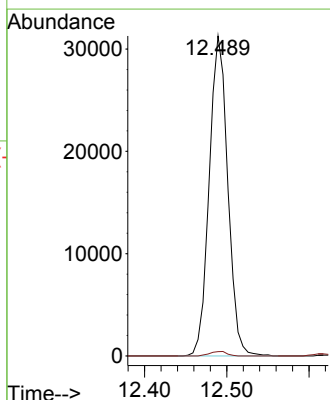
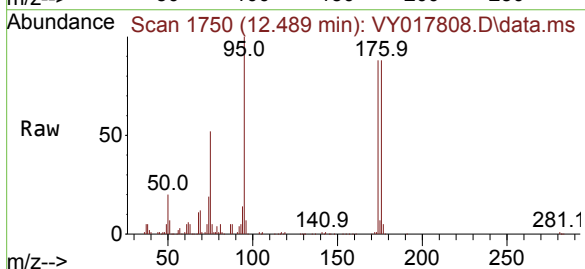
Acq: 01 Apr 2024 15:49

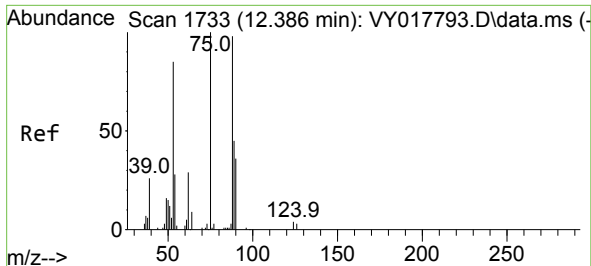
Tgt Ion: 75 Resp: 49101

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

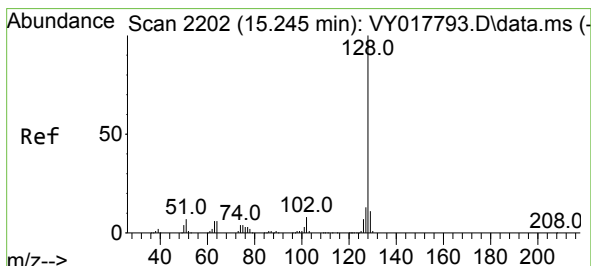
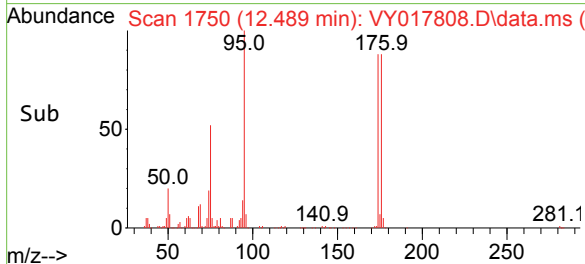
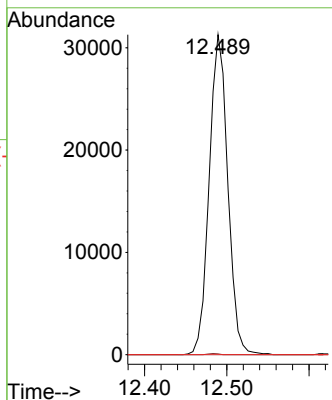
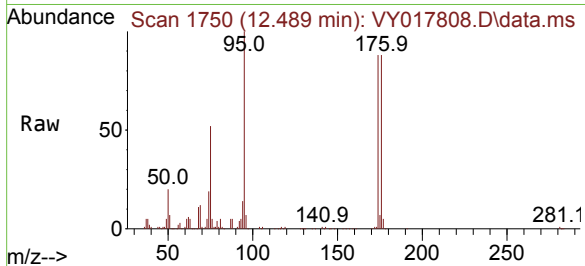




#81
trans-1,4-Dichloro-2-butene
Concen: 108.049 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
CCM-2RE

Tgt Ion: 75 Resp: 49101
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.367 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017808.D
Acq: 01 Apr 2024 15:49

Tgt Ion:128 Resp: 1281
Ion Ratio Lower Upper
128 100
127 10.7 10.6 16.0
129 1.6 8.6 13.0#

