

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017985.D
 Acq On : 18 Apr 2024 18:49
 Operator : SY/MD
 Sample : P2177-01
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 19 02:04:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

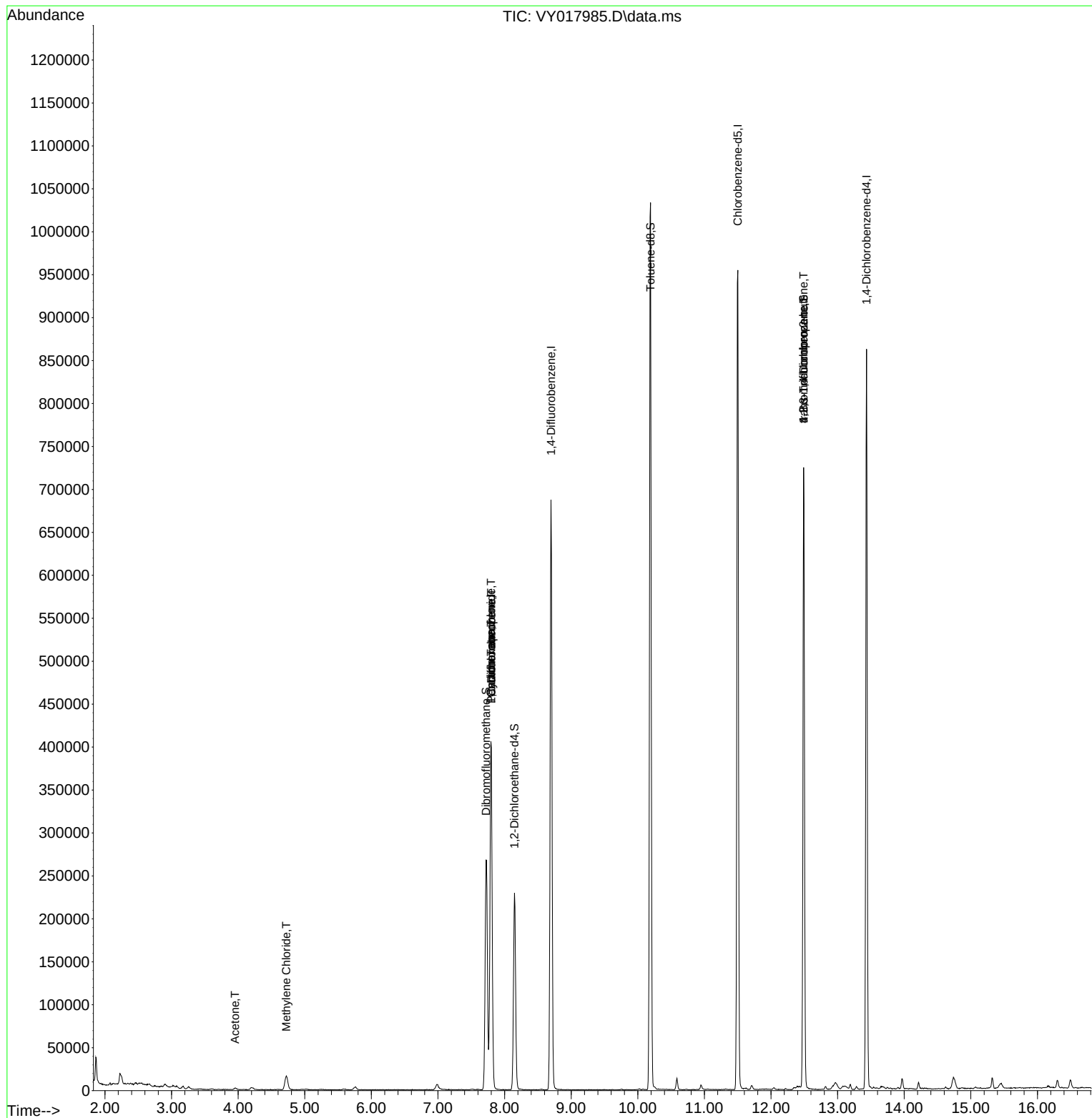
Internal Standards						
1) Pentafluorobenzene	7.801	168	343170	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	617034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	570143	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	236629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	171147	57.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.26%
35) Dibromofluoromethane	7.722	113	199620	52.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.88%
50) Toluene-d8	10.191	98	717143	49.65	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.30%
62) 4-Bromofluorobenzene	12.489	95	214964	48.05	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.10%
Target Compounds						
11) Tert butyl alcohol	4.966	59	763	Below Cal	#	88
16) Acetone	3.954	43	3117	5.31	ug/l	94
20) Methylene Chloride	4.722	84	13318	3.35	ug/l	94
31) Cyclohexane	7.795	56	6217	1.10	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	23487	4.24	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	30808	5.51	ug/l	# 18
76) 1,2,3-Trichloropropane	12.489	75	105559	47.54	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	105559	98.02	ug/l	# 16

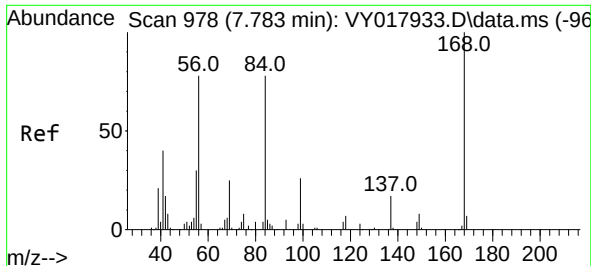
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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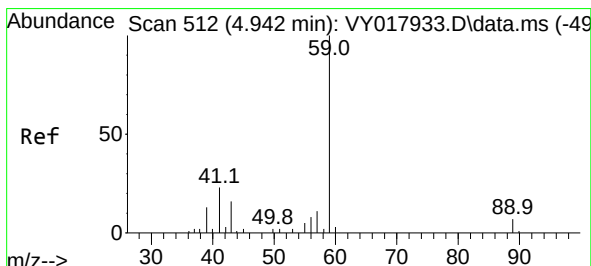
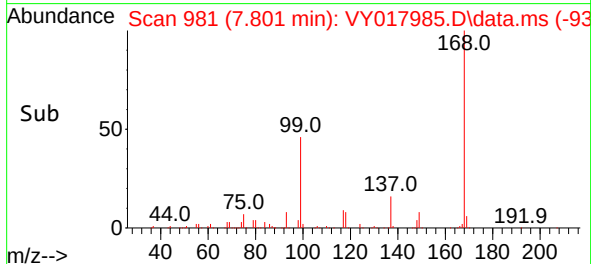
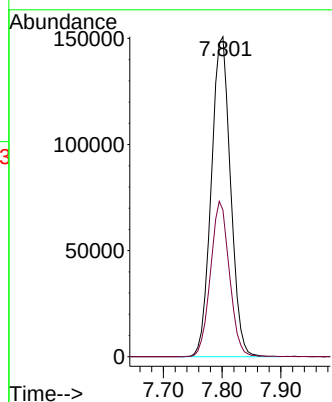
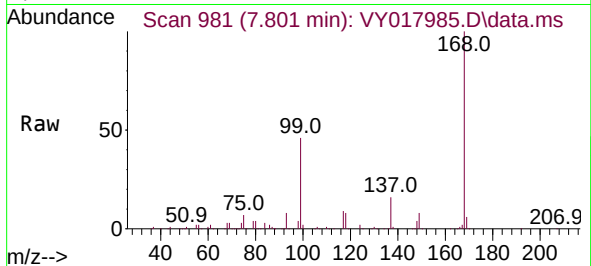




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

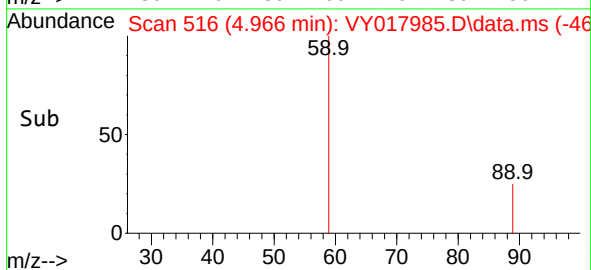
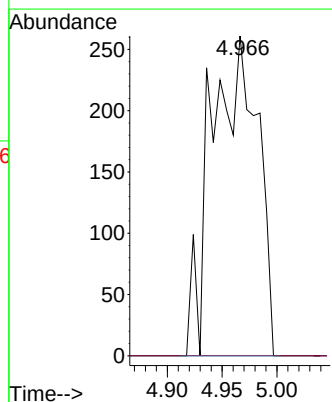
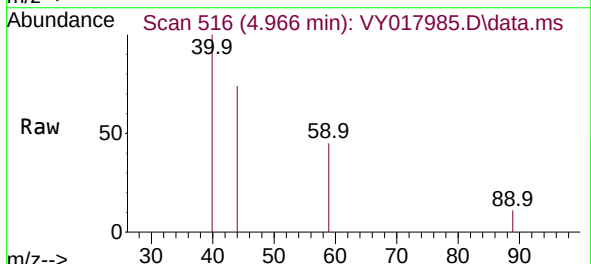
Instrument :
MSVOA_Y
ClientSampleId :

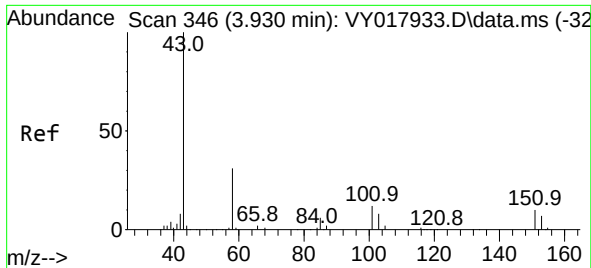
Tgt Ion:168 Resp: 343170
Ion Ratio Lower Upper
168 100
99 45.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

Tgt Ion: 59 Resp: 763
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.31 ug/l

RT: 3.954 min Scan# 3117

Delta R.T. 0.006 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Instrument :

MSVOA_Y

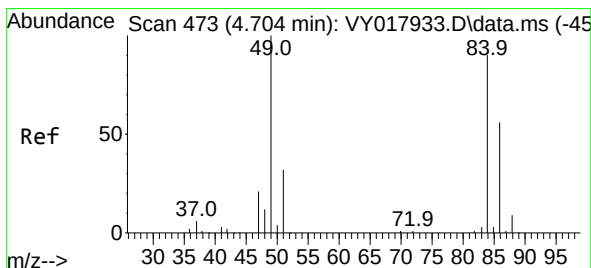
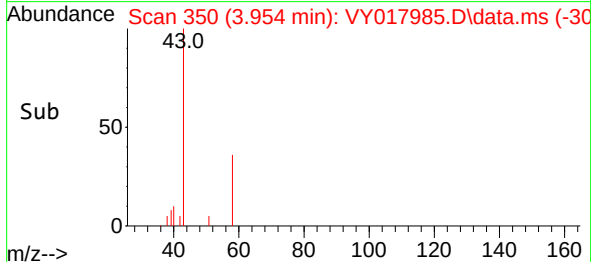
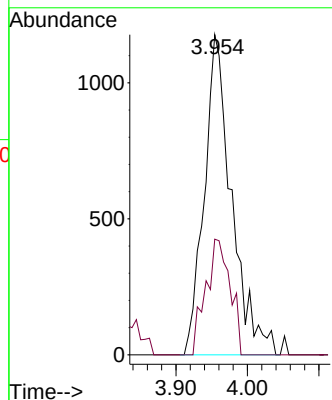
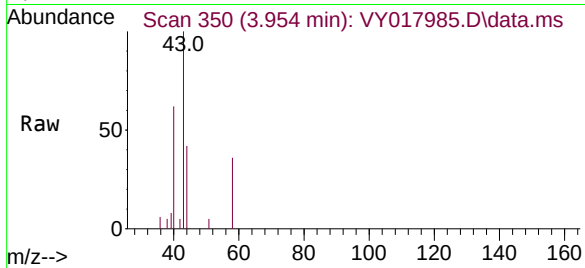
ClientSampleId :

Tgt Ion: 43 Resp: 3117

Ion Ratio Lower Upper

43 100

58 36.1 31.7 47.5



#20

Methylene Chloride

Concen: 3.35 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Tgt Ion: 84 Resp: 13318

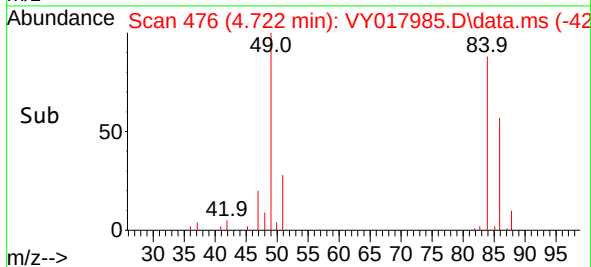
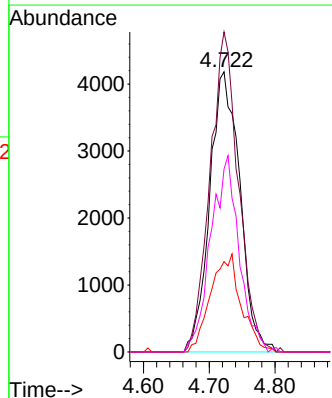
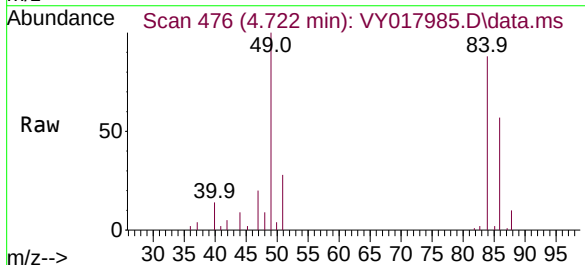
Ion Ratio Lower Upper

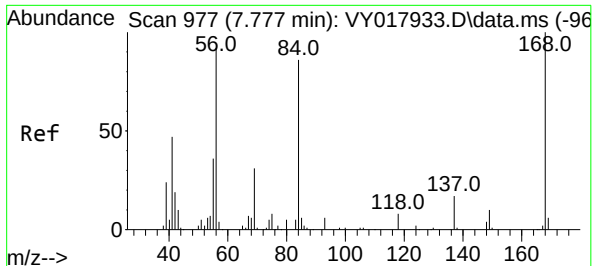
84 100

49 114.2 84.4 126.6

51 32.3 26.0 39.0

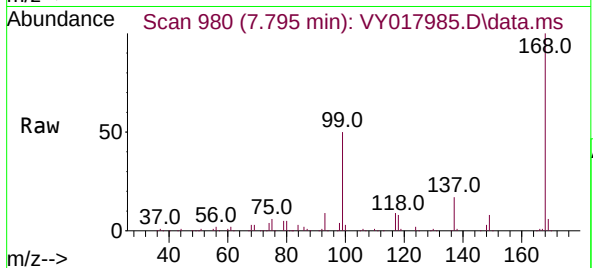
86 65.3 49.5 74.3



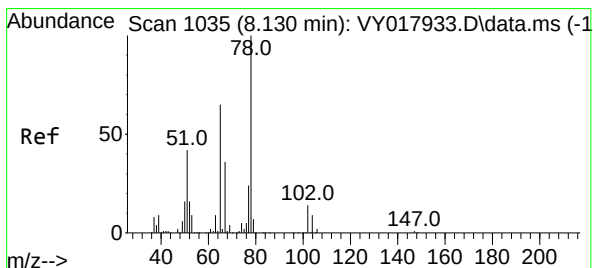
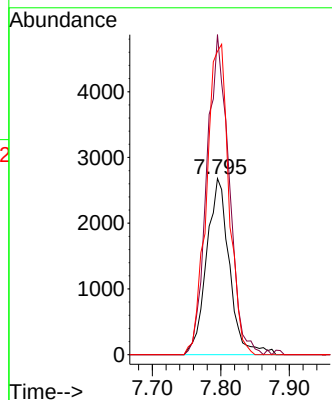
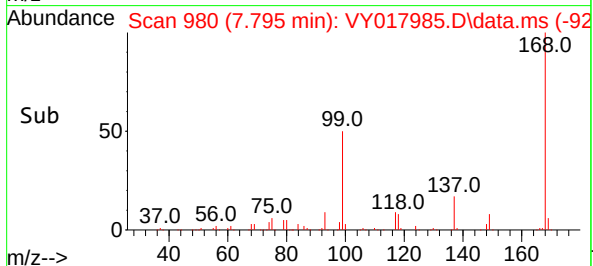


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

Instrument :
MSVOA_Y
ClientSampleId :

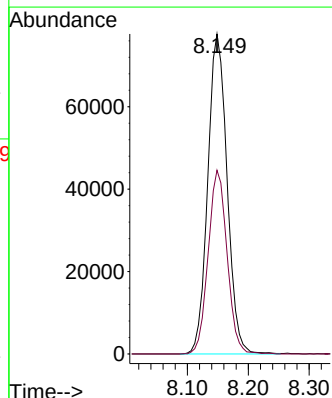
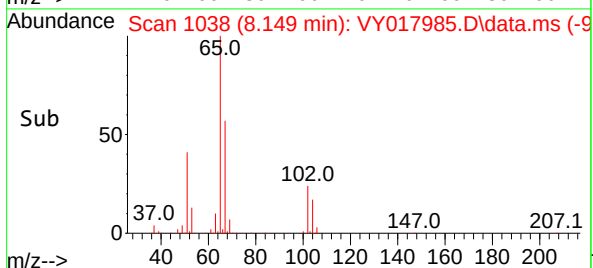
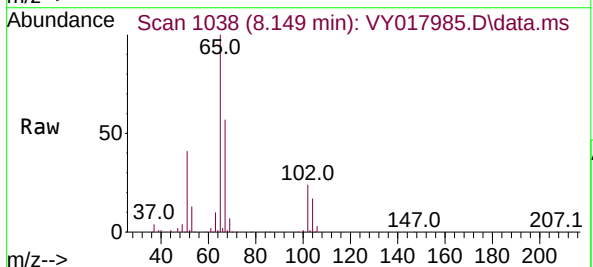


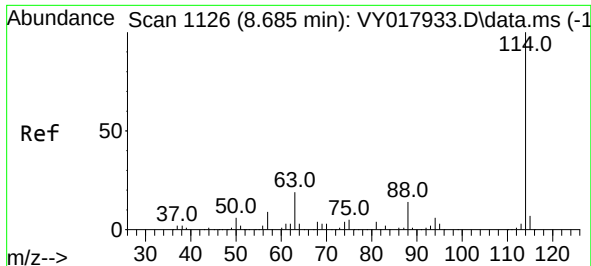
Tgt Ion: 56 Resp: 6217
Ion Ratio Lower Upper
56 100
69 181.6 28.7 43.1#
84 172.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.63 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

Tgt Ion: 65 Resp: 171147
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Instrument :

MSVOA_Y

ClientSampleId :

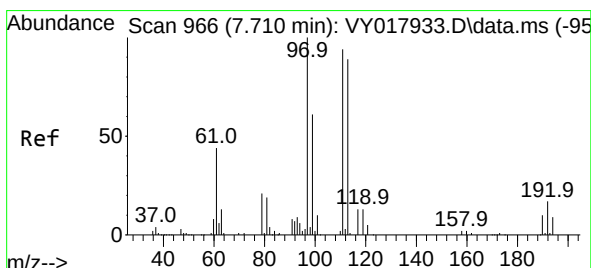
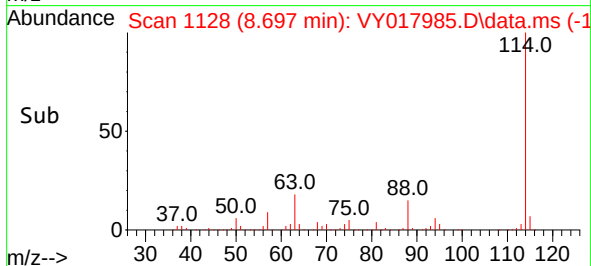
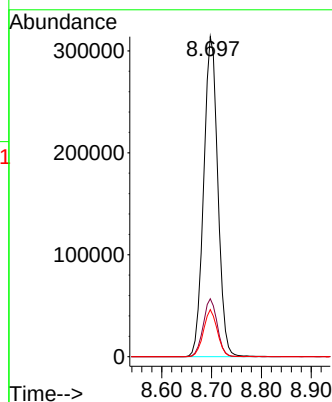
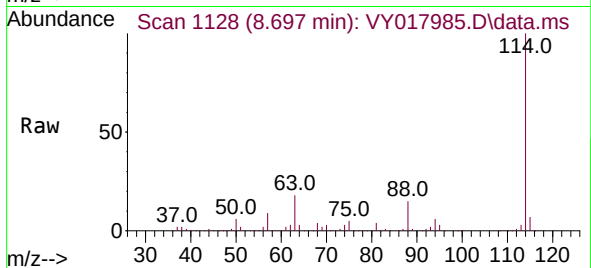
Tgt Ion:114 Resp: 617034

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.44 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

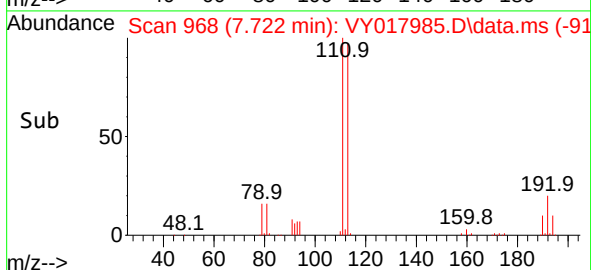
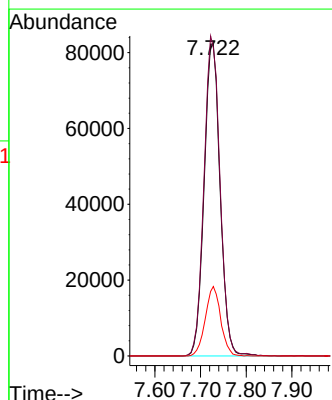
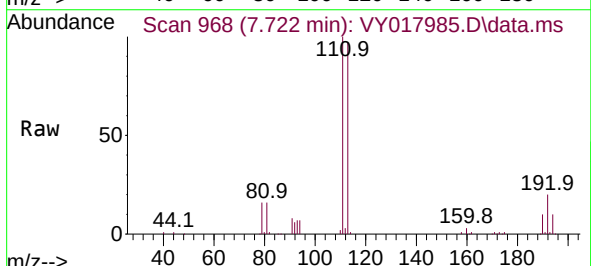
Tgt Ion:113 Resp: 199620

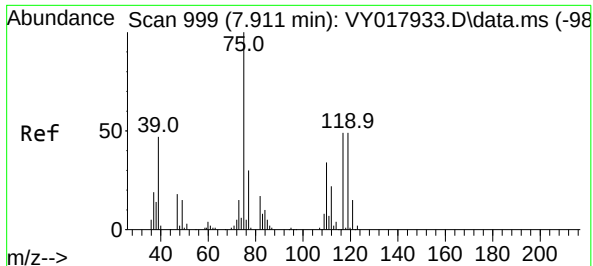
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.24 ug/l

RT: 7.801 min Scan# 99

Delta R.T. -0.116 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Instrument :

MSVOA_Y

ClientSampleId :

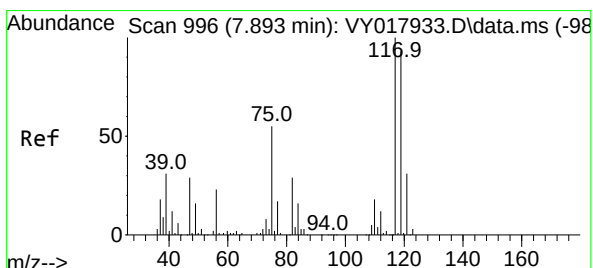
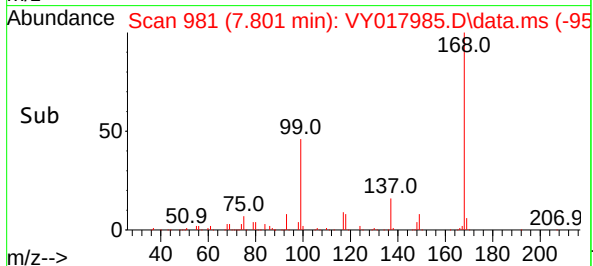
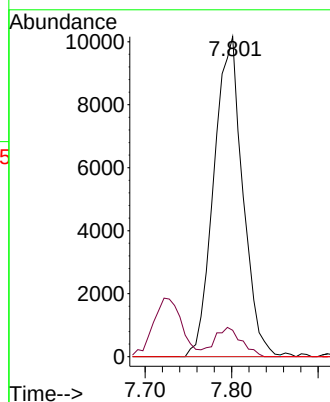
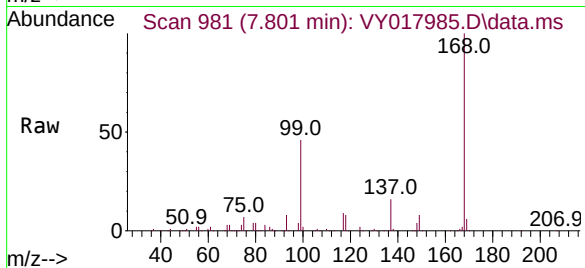
Tgt Ion: 75 Resp: 23487

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.51 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

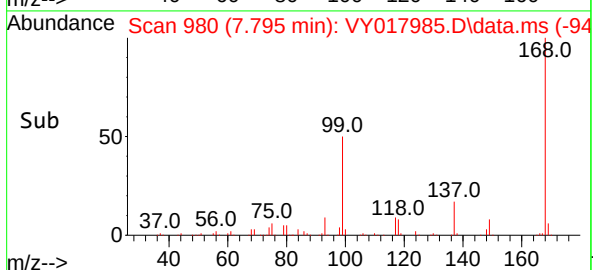
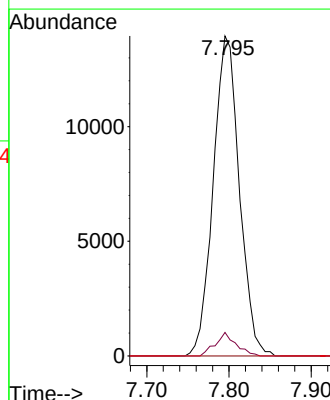
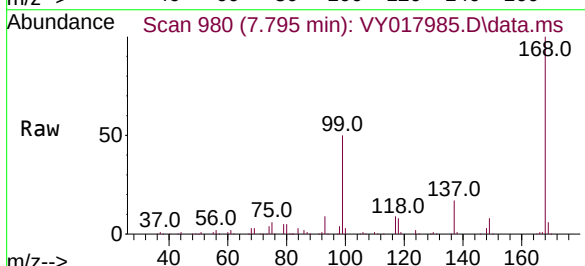
Tgt Ion: 117 Resp: 30808

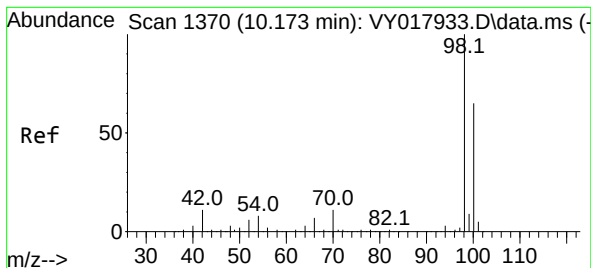
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.65 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Instrument :

MSVOA_Y

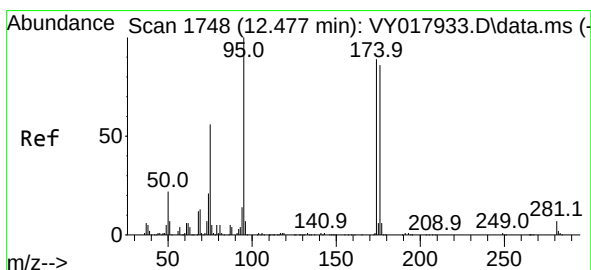
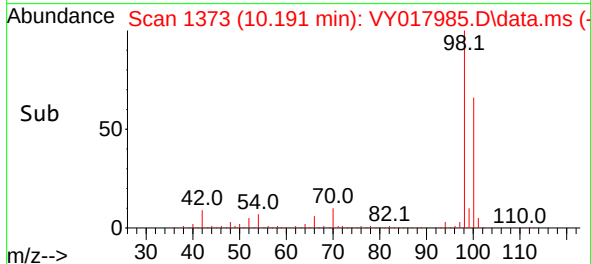
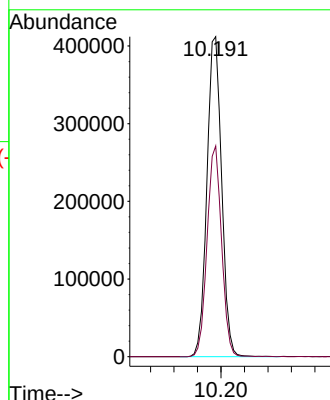
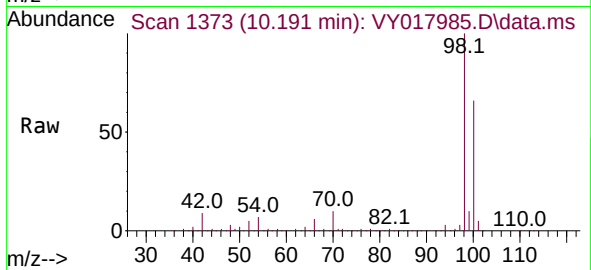
ClientSampleId :

Tgt Ion: 98 Resp: 717143

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.05 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

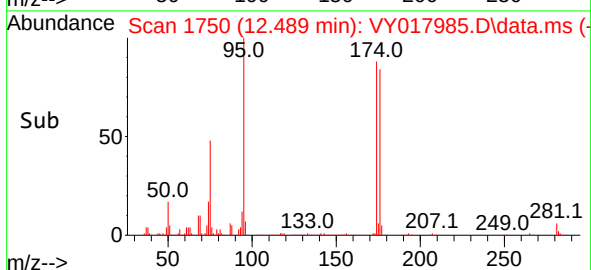
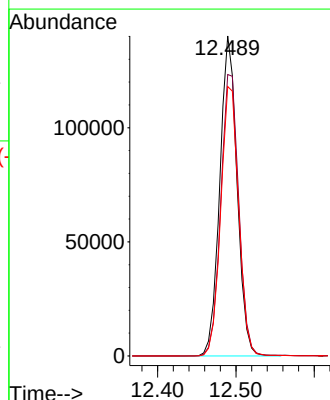
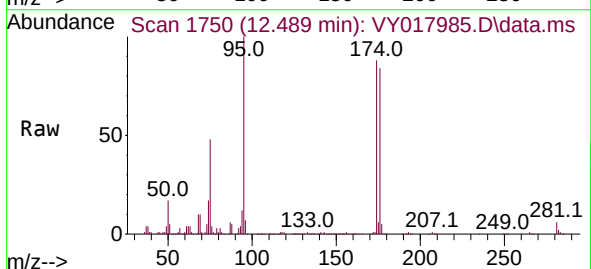
Tgt Ion: 95 Resp: 214964

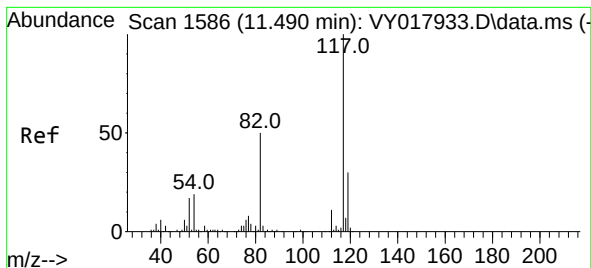
Ion Ratio Lower Upper

95 100

174 91.9 0.0 175.6

176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

Instrument :

MSVOA_Y

ClientSampleId :

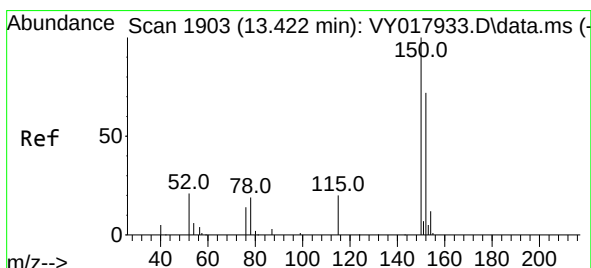
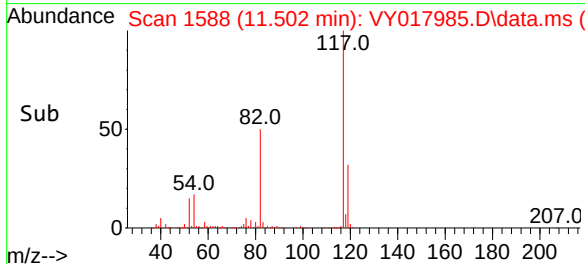
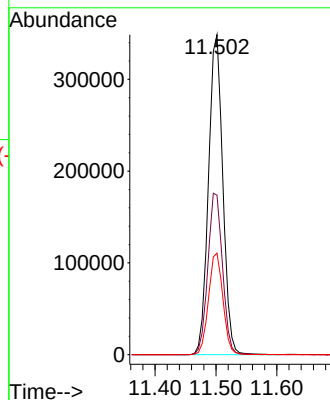
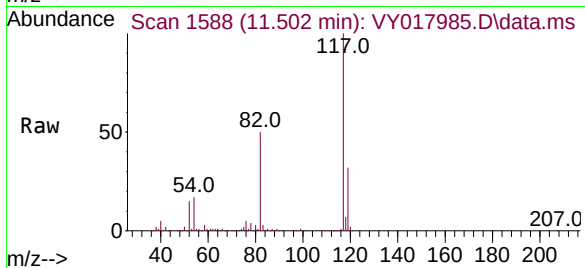
Tgt Ion:117 Resp: 570143

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017985.D

Acq: 18 Apr 2024 18:49

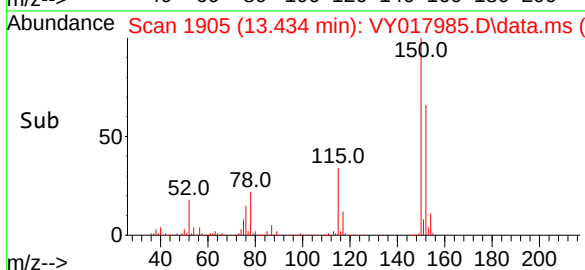
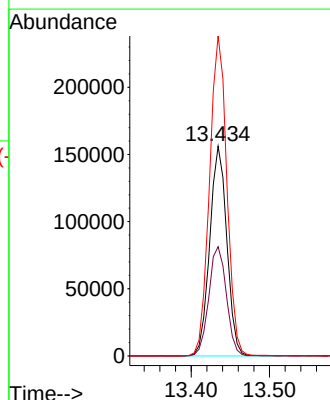
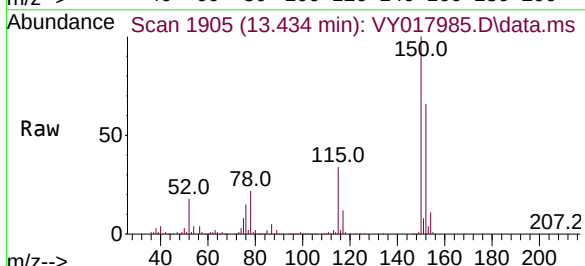
Tgt Ion:152 Resp: 236629

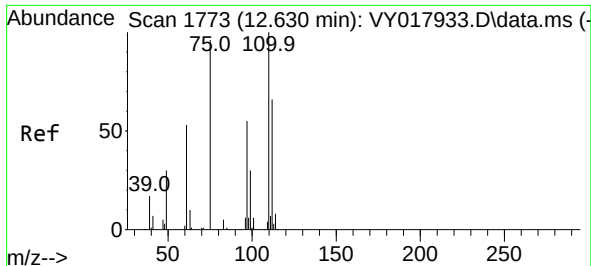
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 154.6 0.0 345.6

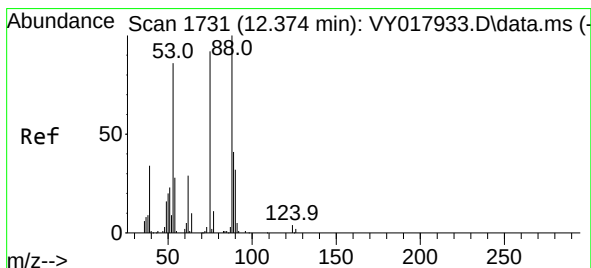
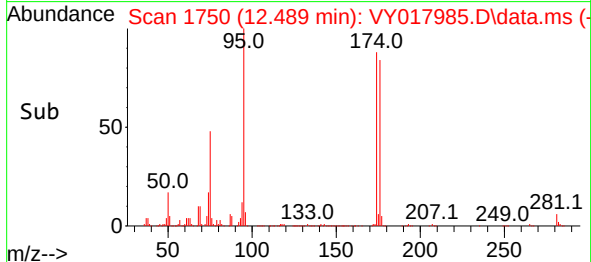
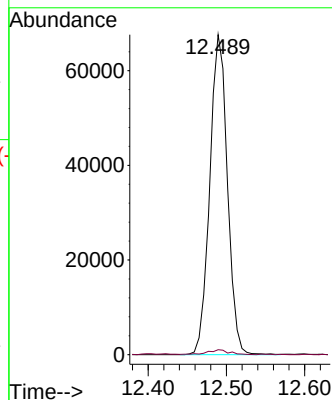
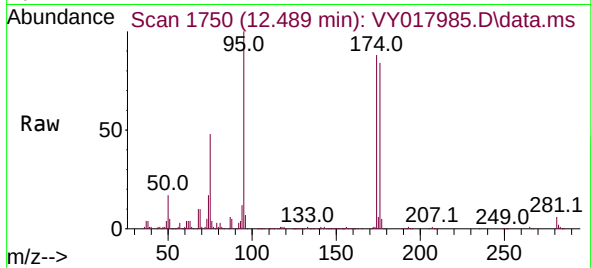




#76
1,2,3-Trichloropropane
Concen: 47.54 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 105559
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.02 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY017985.D
Acq: 18 Apr 2024 18:49

Tgt Ion: 75 Resp: 105559
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

