

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017725.D
 Acq On : 20 Mar 2024 14:43
 Operator : SY/MD
 Sample : P1817-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:14:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

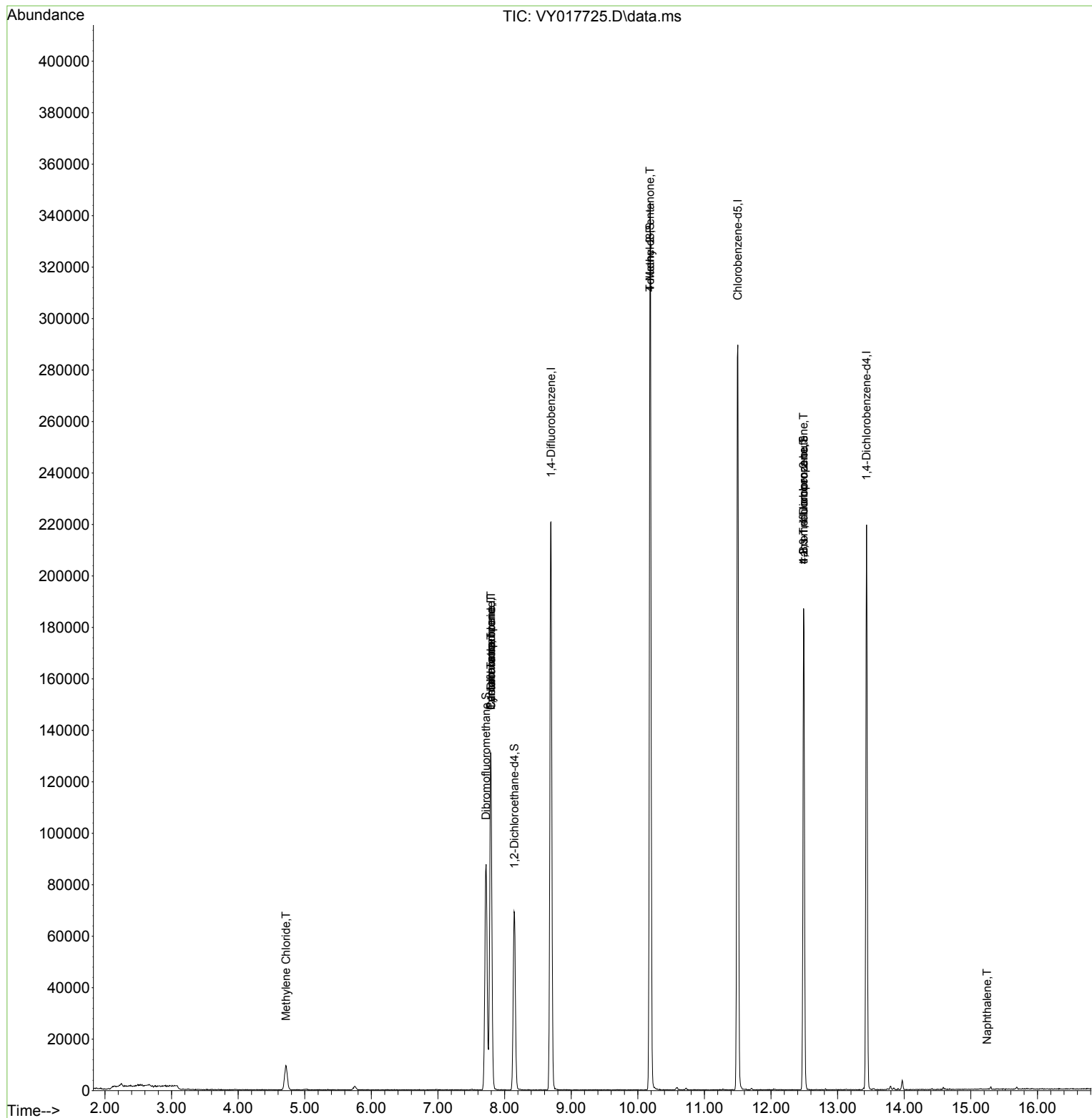
Internal Standards						
1) Pentafluorobenzene	7.795	168	105885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	56491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53931	53.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.480%	
35) Dibromofluoromethane	7.722	113	65074	46.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.060%	
50) Toluene-d8	10.185	98	232682	47.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.489	95	56541	36.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.800%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	7469	1.183	ug/l	97
31) Cyclohexane	7.795	56	2081	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7974	4.180	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10366	5.422	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	835	1.132	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	28066	52.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	28066	120.148	ug/l #	16
95) Naphthalene	15.245	128	160	3.998	ug/l #	69

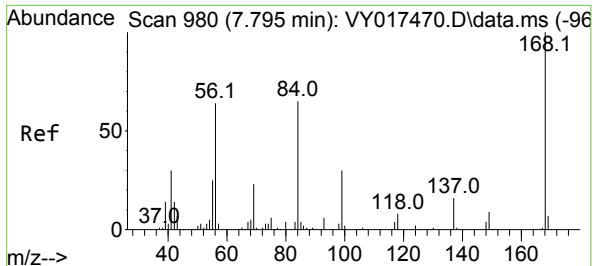
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017725.D
Acq On : 20 Mar 2024 14:43
Operator : SY/MD
Sample : P1817-01
Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

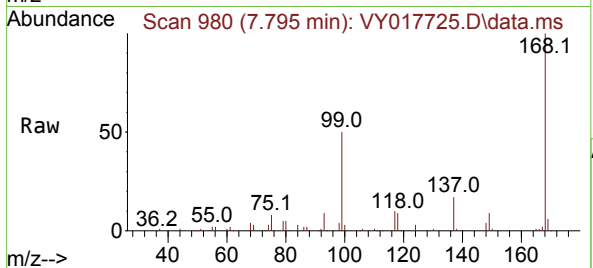
Quant Time: Mar 21 03:14:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



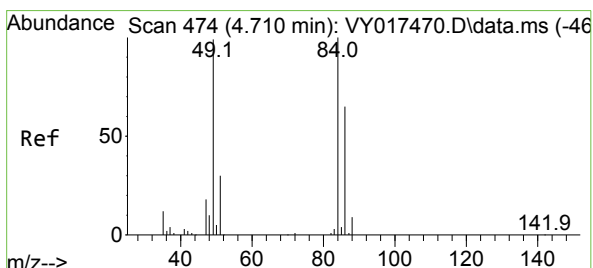
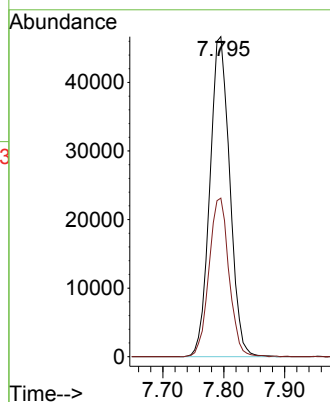
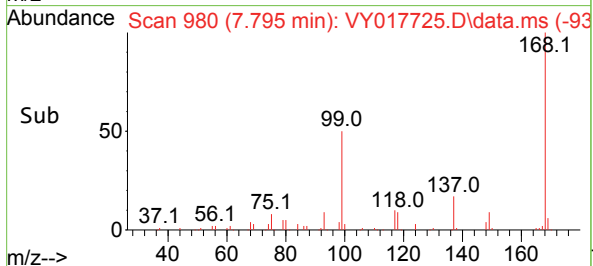


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Instrument :
MSVOA_Y
ClientSampleId :

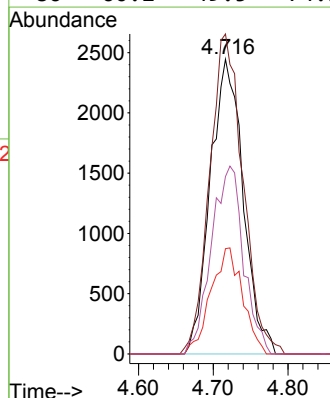
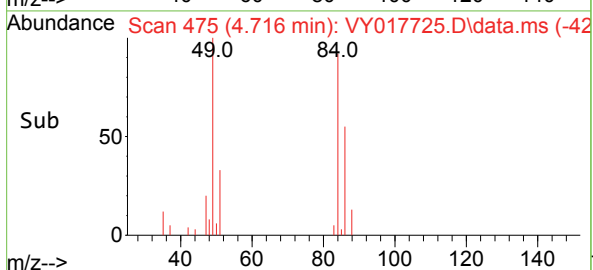
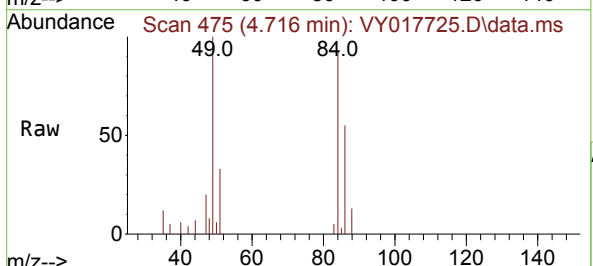


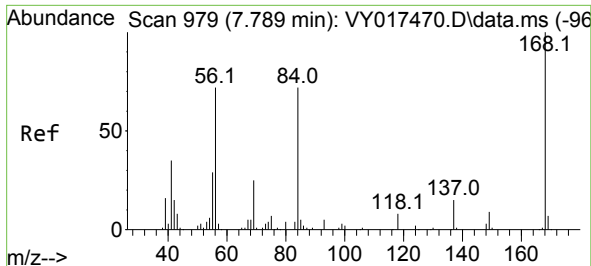
Tgt Ion:168 Resp: 105885
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#20
Methylene Chloride
Concen: 1.183 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 84 Resp: 7469
Ion Ratio Lower Upper
84 100
49 108.6 84.4 126.6
51 35.7 26.0 39.0
86 60.2 49.5 74.3

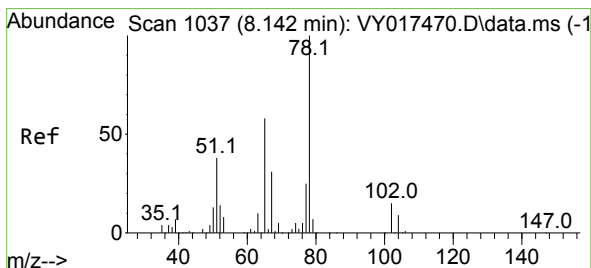
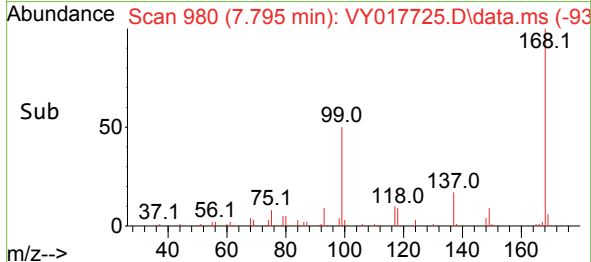
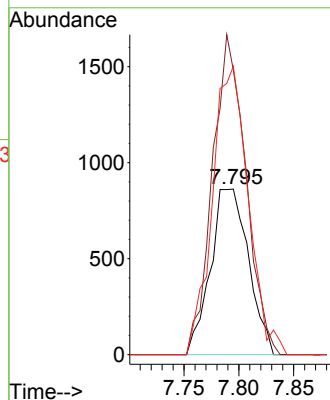
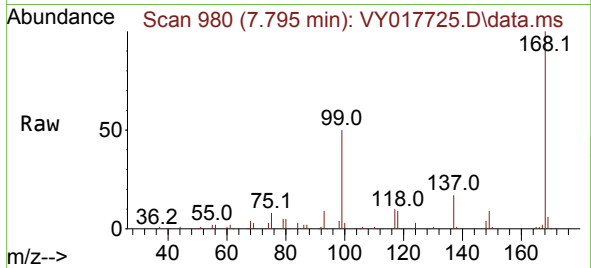




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

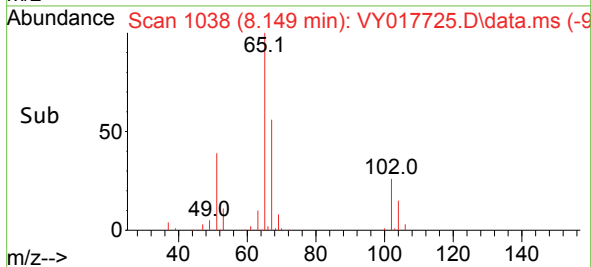
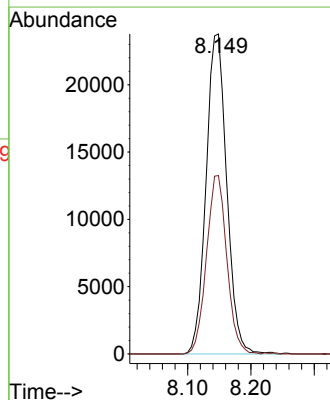
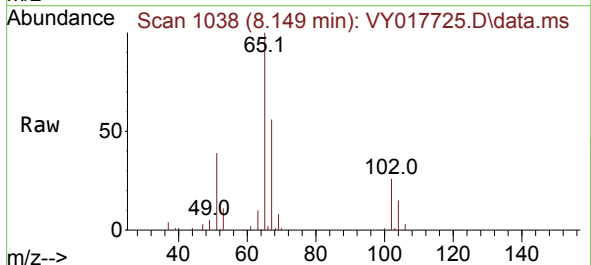
Instrument :
MSVOA_Y
ClientSampleId :

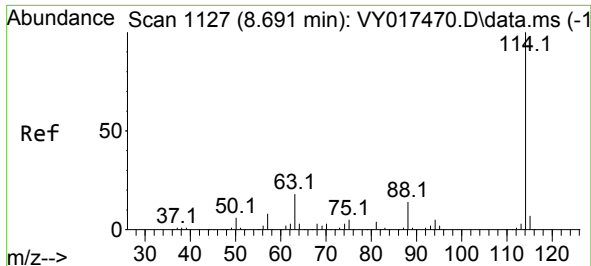
Tgt Ion: 56 Resp: 2081
Ion Ratio Lower Upper
56 100
69 171.8 28.7 43.1#
84 174.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.743 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 65 Resp: 53931
Ion Ratio Lower Upper
65 100
67 55.0 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: VY017725.D

Acq: 20 Mar 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

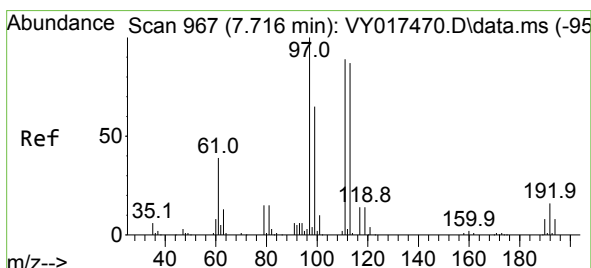
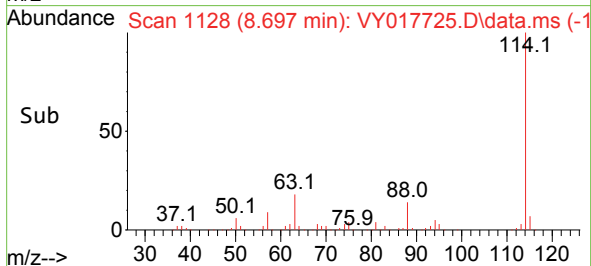
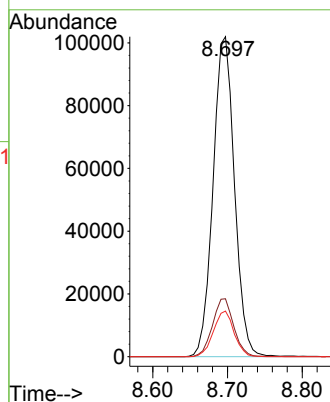
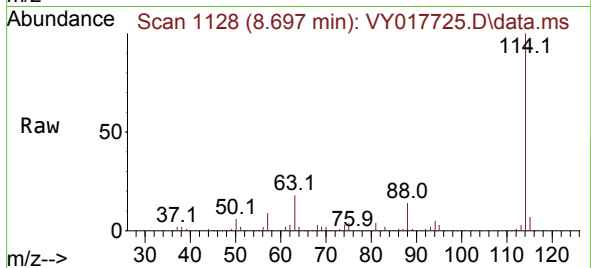
Tgt Ion:114 Resp: 202883

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.029 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017725.D

Acq: 20 Mar 2024 14:43

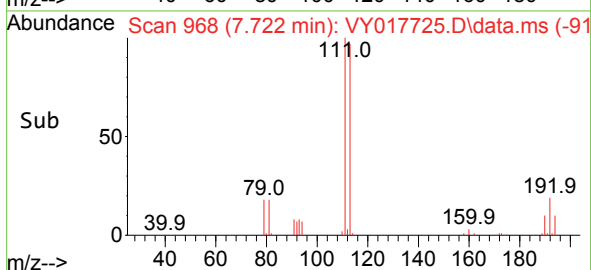
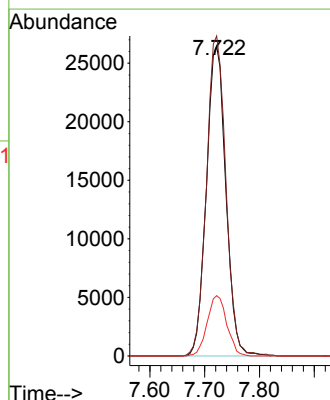
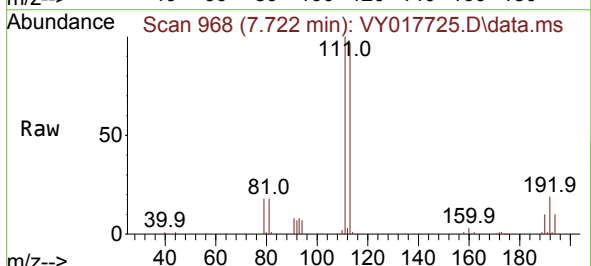
Tgt Ion:113 Resp: 65074

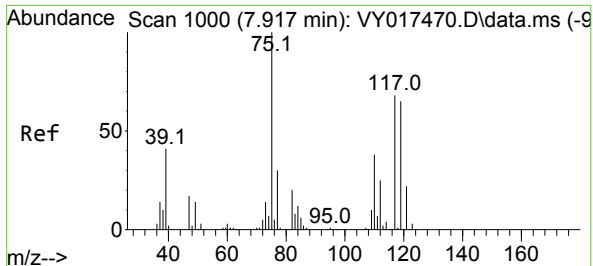
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.6 15.9 23.9

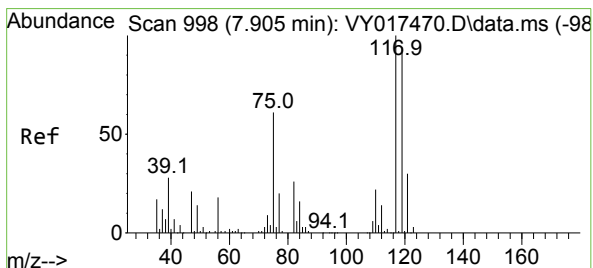
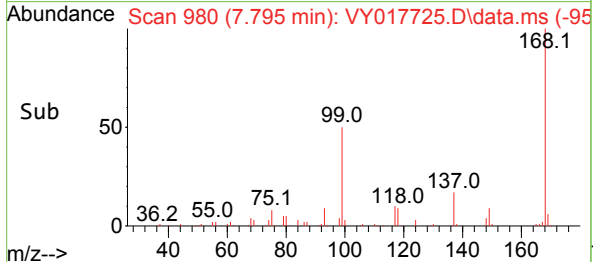
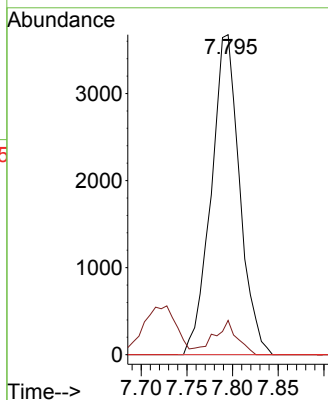
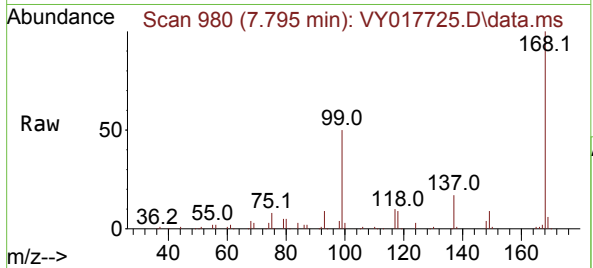




#36
1,1-Dichloropropene
Concen: 4.180 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

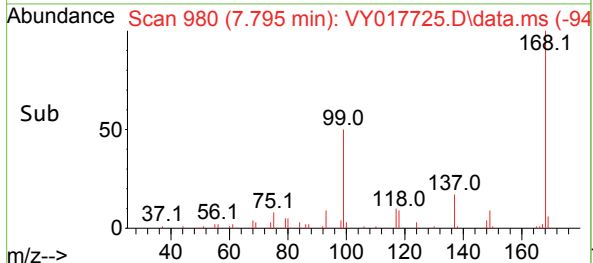
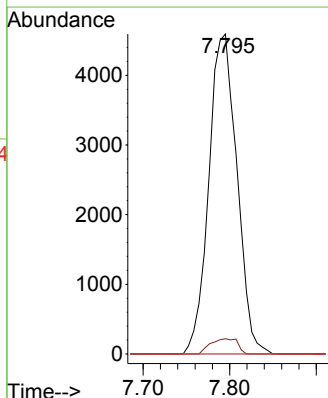
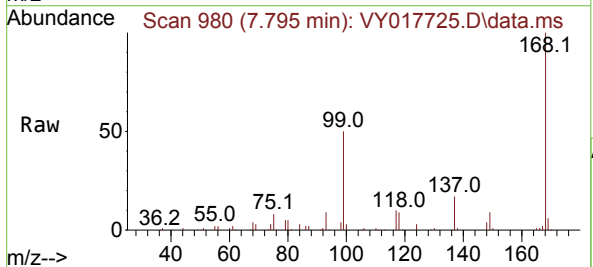
Instrument :
MSVOA_Y
ClientSampleId :

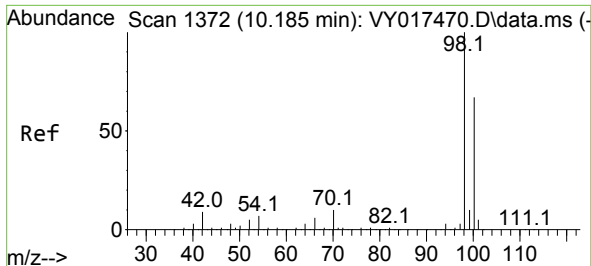
Tgt Ion: 75 Resp: 7974
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 117 Resp: 10366
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#

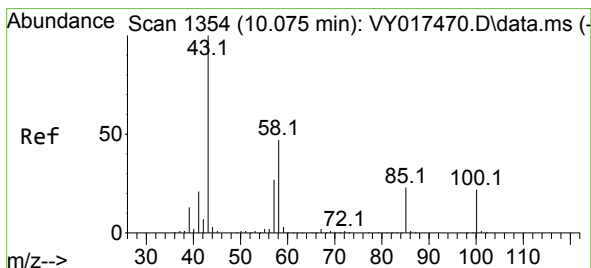
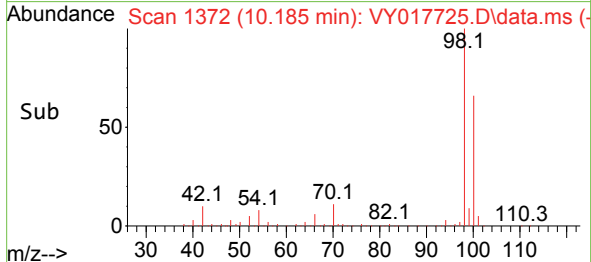
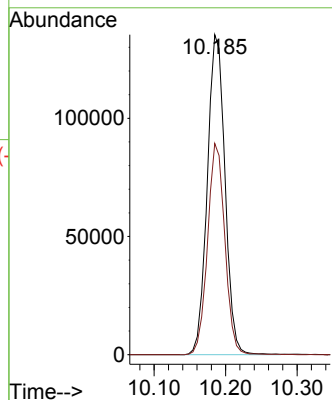
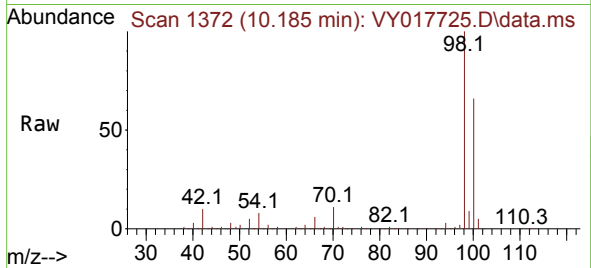




#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

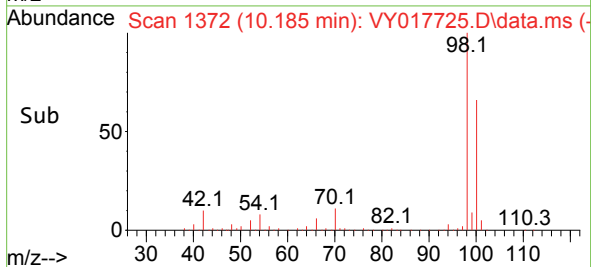
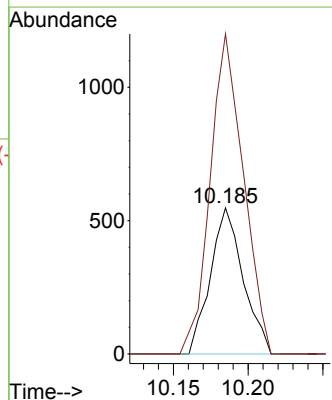
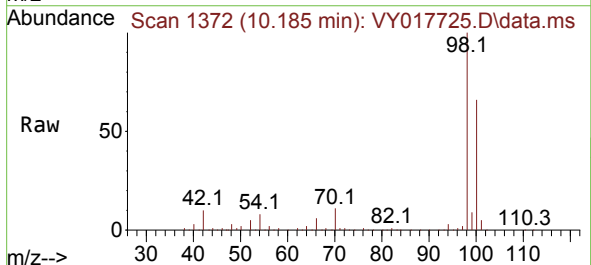
Instrument :
MSVOA_Y
ClientSampleId :

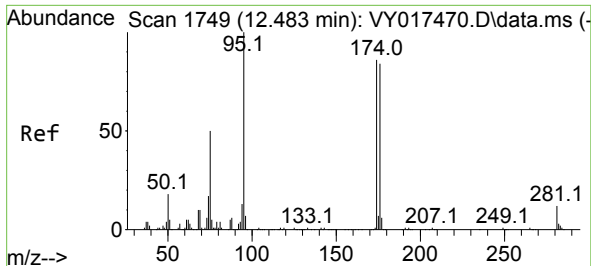
Tgt Ion: 98 Resp: 232682
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 221.9 35.7 53.5#

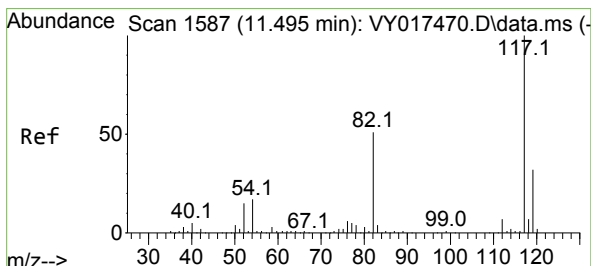
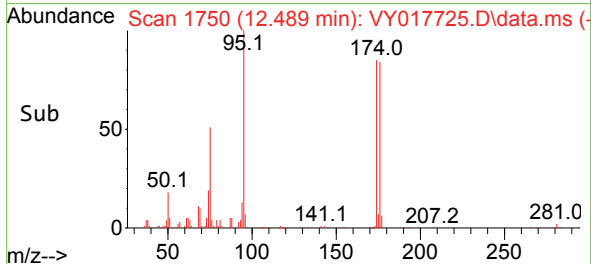
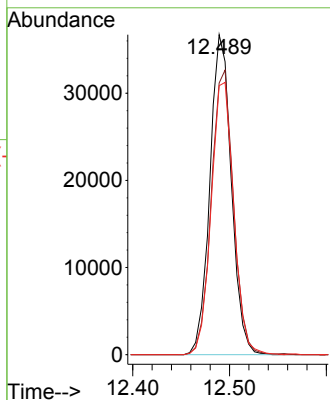
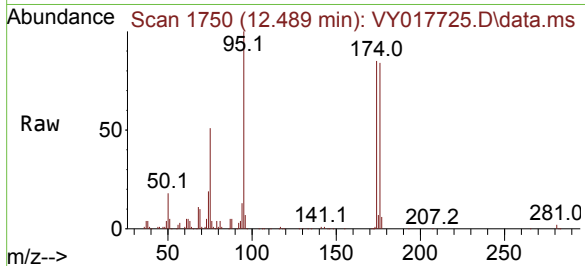




#62
4-Bromofluorobenzene
Concen: 36.397 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

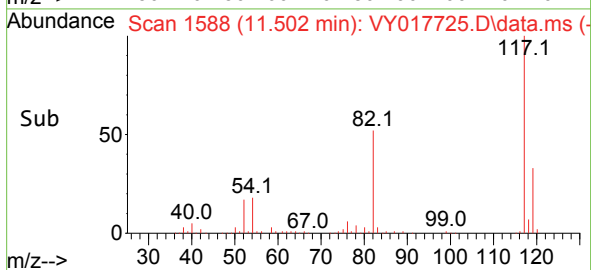
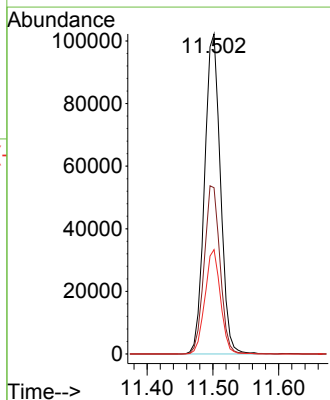
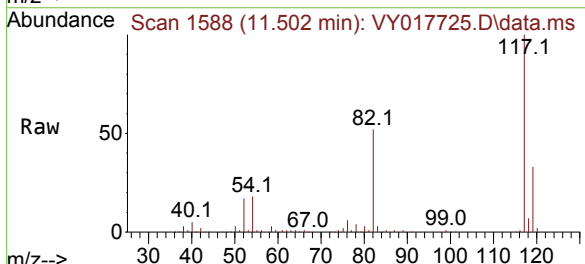
Instrument :
MSVOA_Y
ClientSampleId :

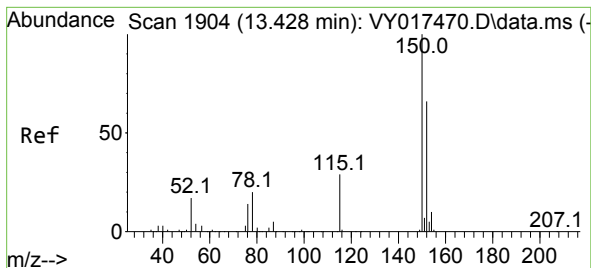
Tgt Ion: 95 Resp: 56541
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 89.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 117 Resp: 171359
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017725.D

Acq: 20 Mar 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

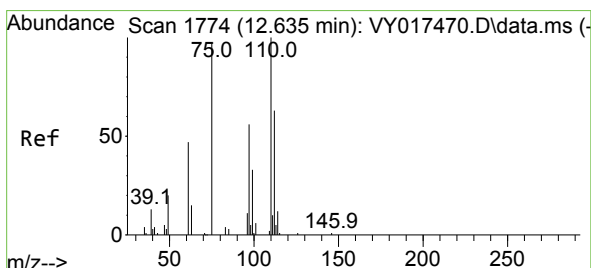
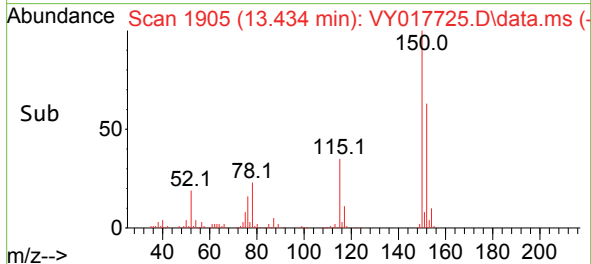
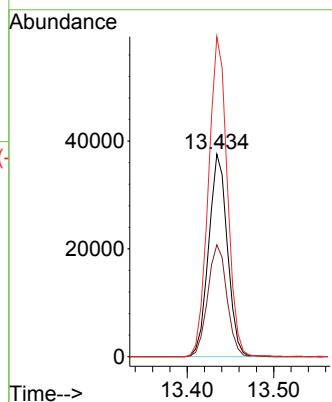
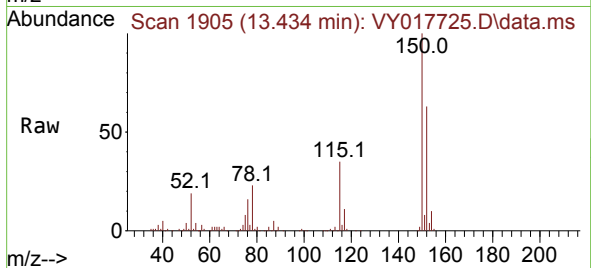
Tgt Ion:152 Resp: 56491

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.289 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017725.D

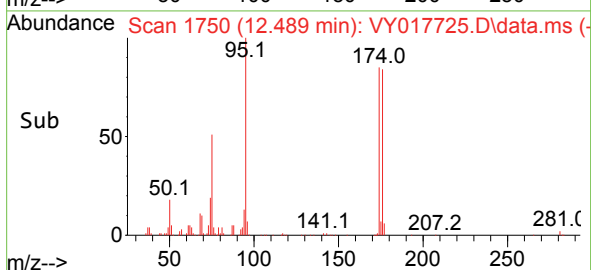
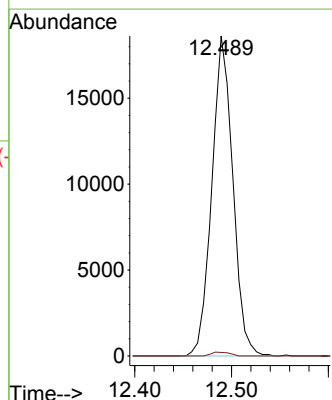
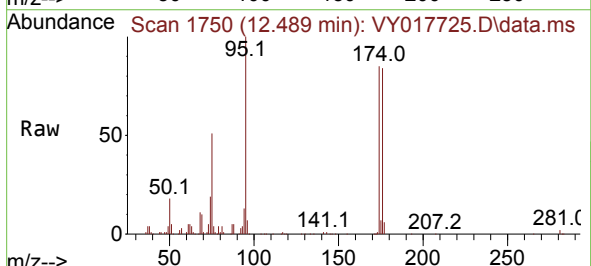
Acq: 20 Mar 2024 14:43

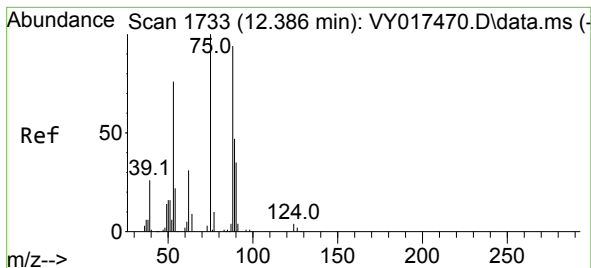
Tgt Ion: 75 Resp: 28066

Ion Ratio Lower Upper

75 100

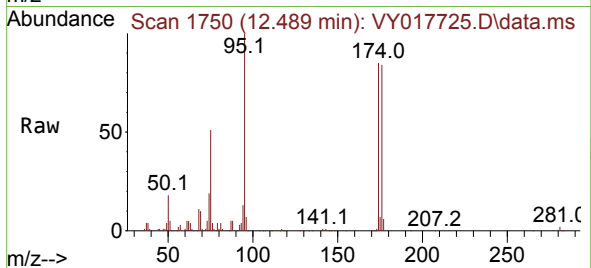
77 1.1 0.0 0.0#



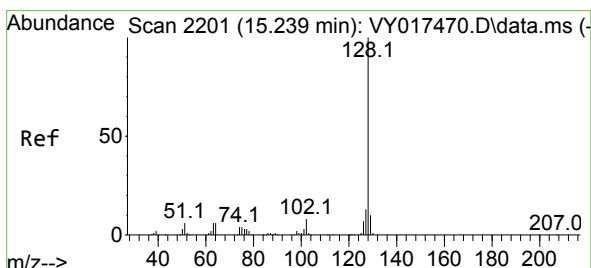
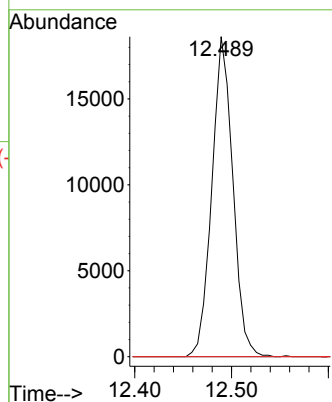
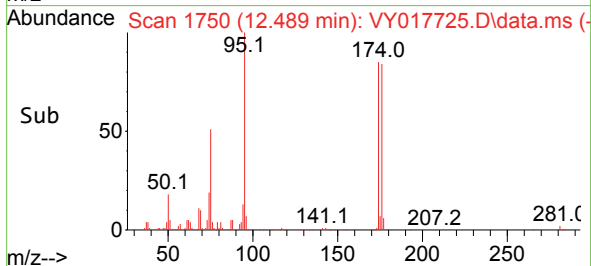


#81
trans-1,4-Dichloro-2-butene
Concen: 120.148 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

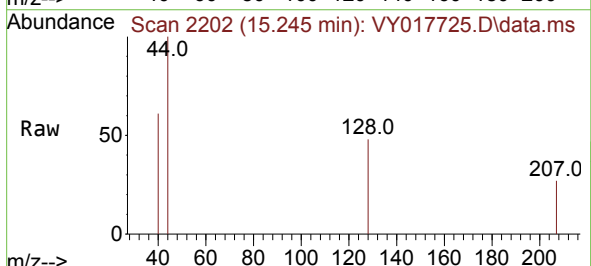
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 28066
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.998 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43



Tgt Ion: 128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

