

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018059.D
 Acq On : 26 Apr 2024 13:51
 Operator : SY/MD
 Sample : P2270-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:08:01 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)

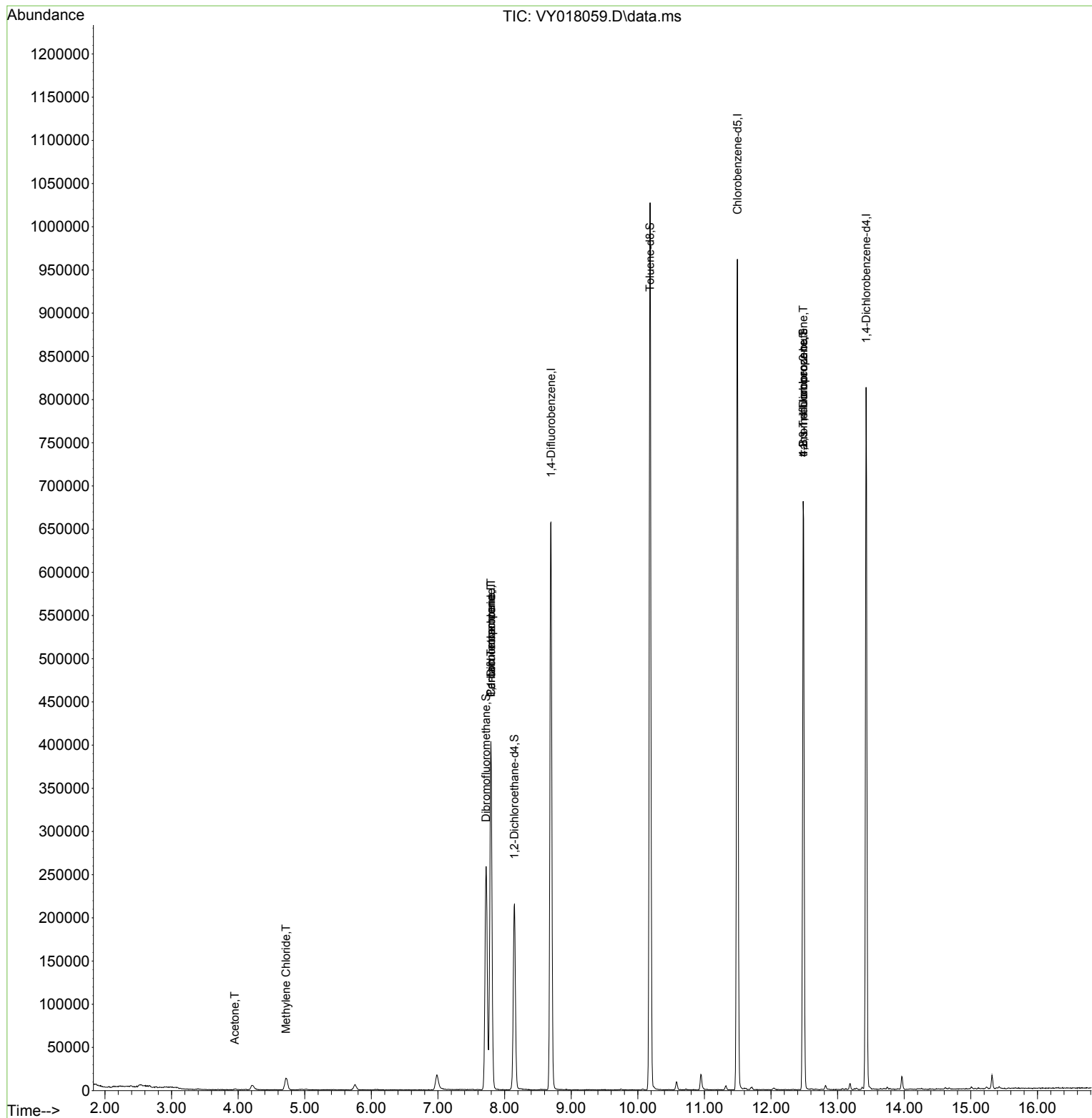
Internal Standards						
1) Pentafluorobenzene	7.795	168	344926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	613784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	563542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	224419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162195	54.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.680%	
35) Dibromofluoromethane	7.722	113	190794	50.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.185	98	709692	49.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.483	95	204762	46.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	294	Below Cal	#	88
16) Acetone	3.948	43	1485	2.518	ug/l #	81
20) Methylene Chloride	4.716	84	11175	2.797	ug/l	99
36) 1,1-Dichloropropene	7.795	75	23046	4.185	ug/l #	47
38) Carbon Tetrachloride	7.795	117	30268	5.440	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	98716	46.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	98716	96.649	ug/l #	16

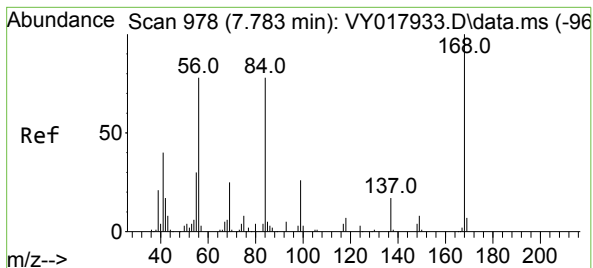
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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: VY018059.D

Acq: 26 Apr 2024 13:51

Instrument :

MSVOA_Y

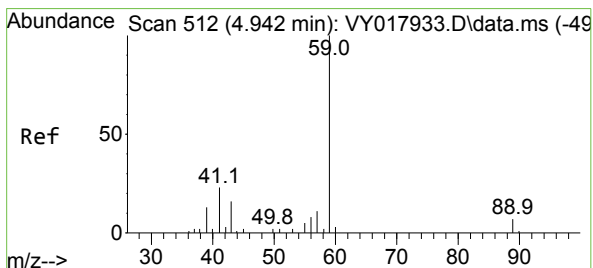
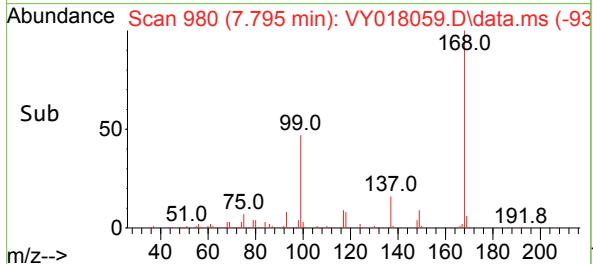
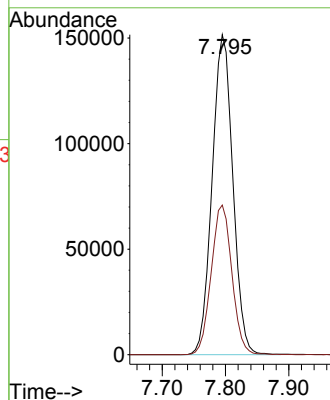
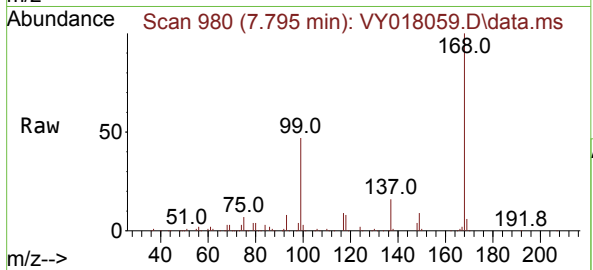
ClientSampleId :

Tgt Ion:168 Resp: 344926

Ion Ratio Lower Upper

168 100

99 46.8 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: VY018059.D

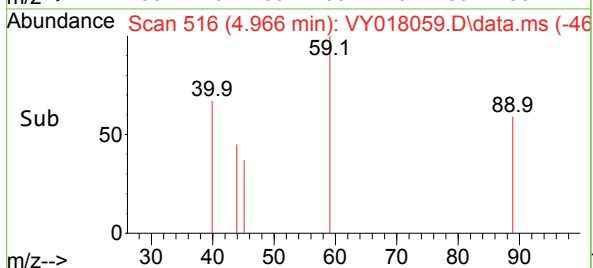
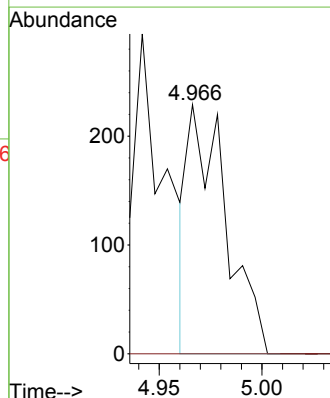
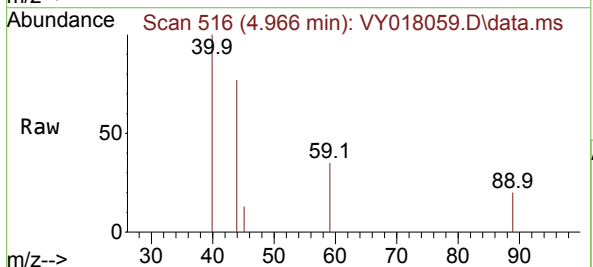
Acq: 26 Apr 2024 13:51

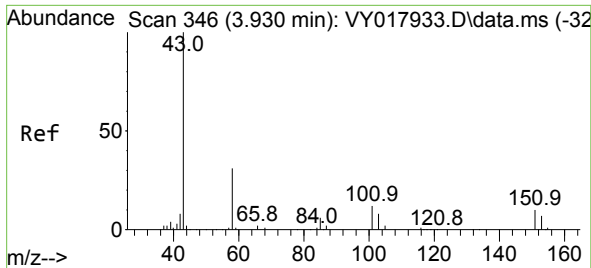
Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.518 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018059.D

Acq: 26 Apr 2024 13:51

Instrument :

MSVOA_Y

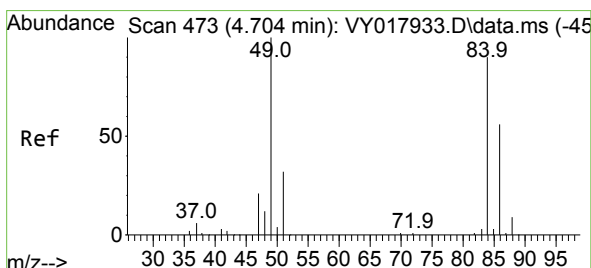
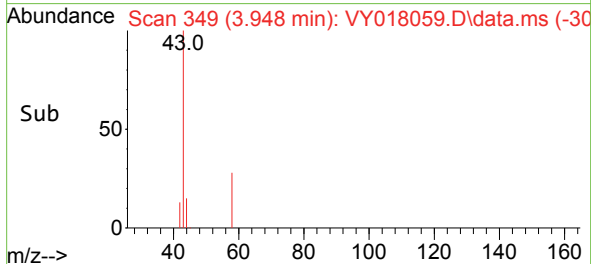
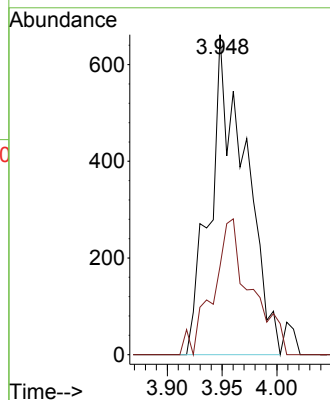
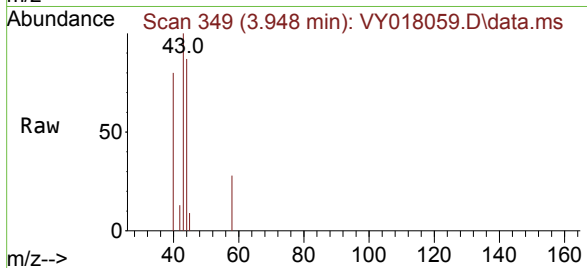
ClientSampleId :

Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 27.6 31.7 47.5#



#20

Methylene Chloride

Concen: 2.797 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018059.D

Acq: 26 Apr 2024 13:51

Tgt Ion: 84 Resp: 11175

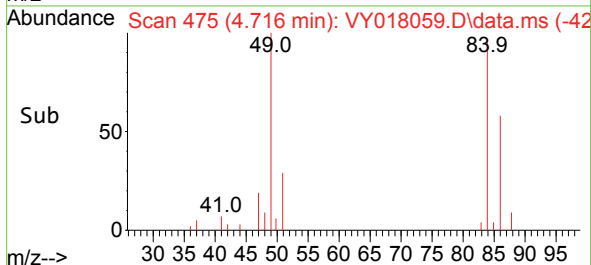
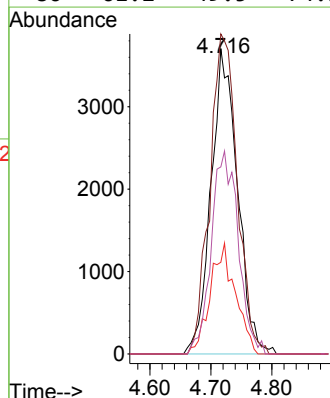
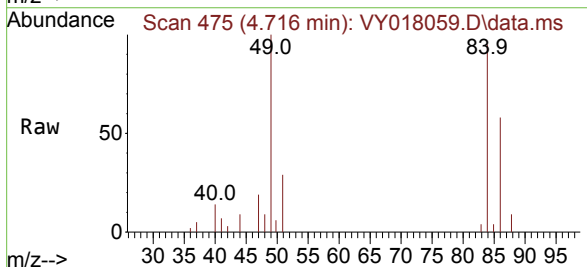
Ion Ratio Lower Upper

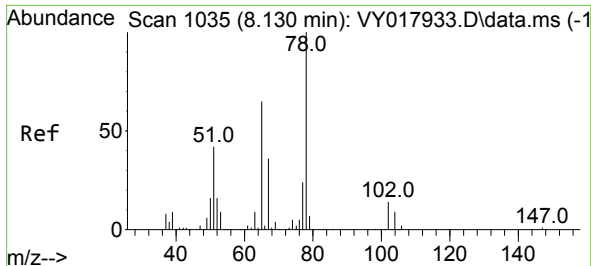
84 100

49 104.8 84.4 126.6

51 30.0 26.0 39.0

86 61.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.339 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018059.D

Acq: 26 Apr 2024 13:51

Instrument :

MSVOA_Y

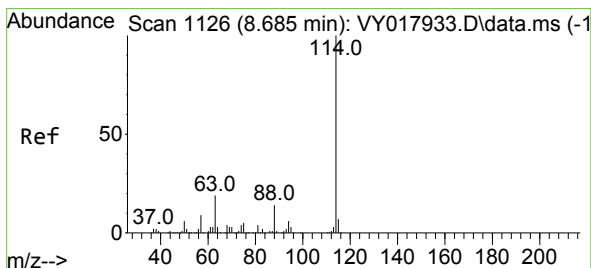
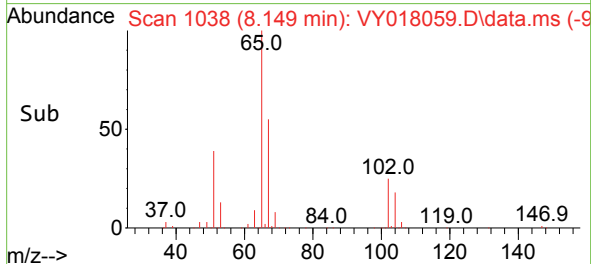
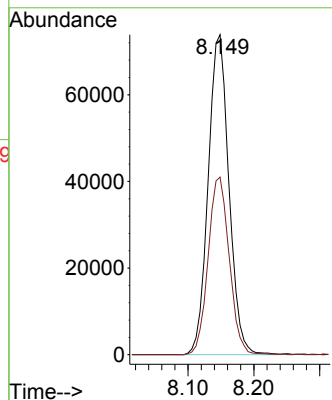
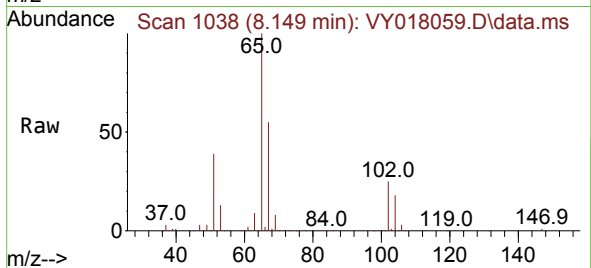
ClientSampleId :

Tgt Ion: 65 Resp: 162195

Ion Ratio Lower Upper

65 100

67 56.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY018059.D

Acq: 26 Apr 2024 13:51

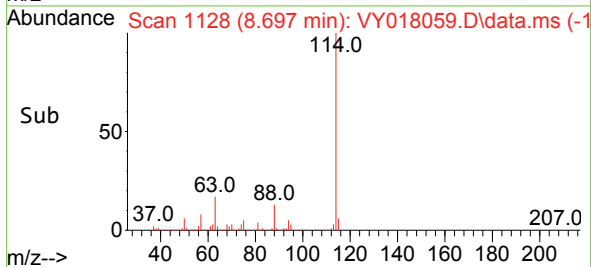
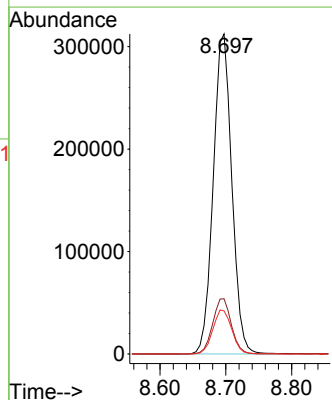
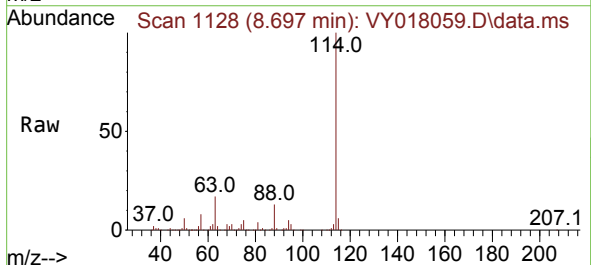
Tgt Ion:114 Resp: 613784

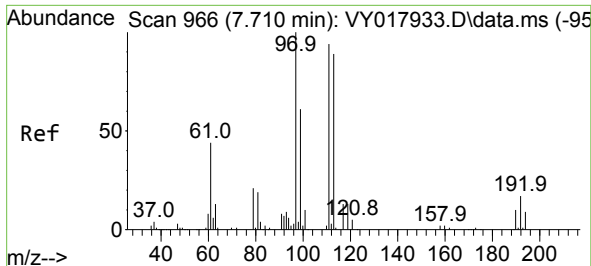
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

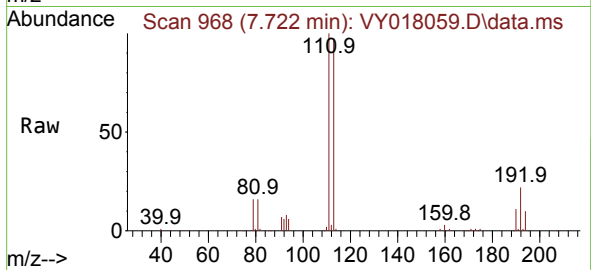
88 13.5 0.0 27.2



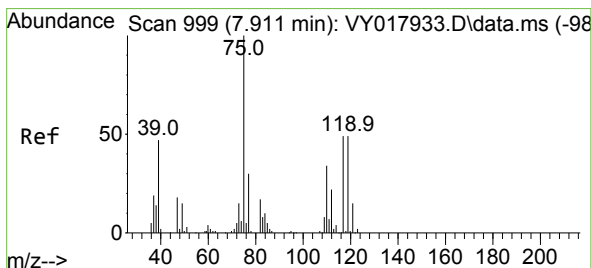
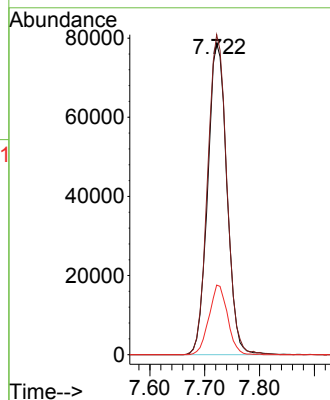
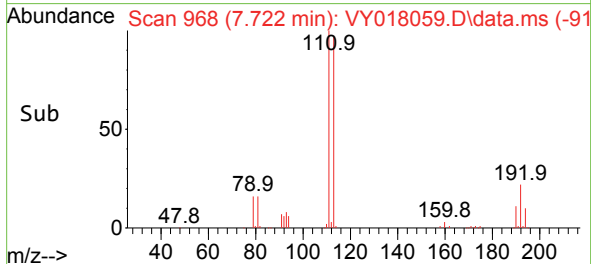


#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

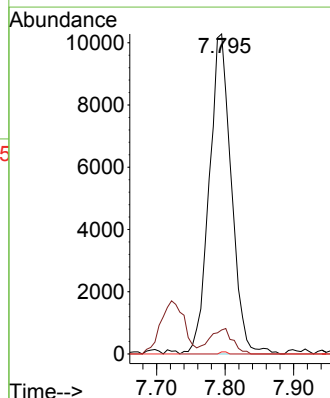
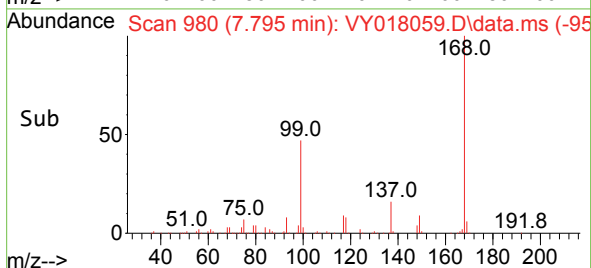
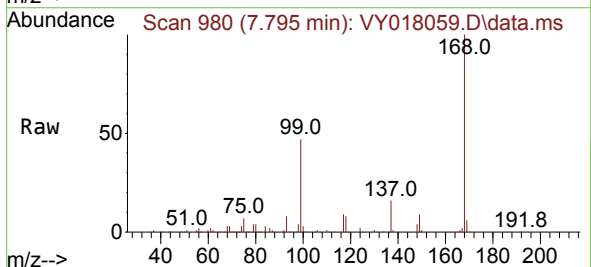


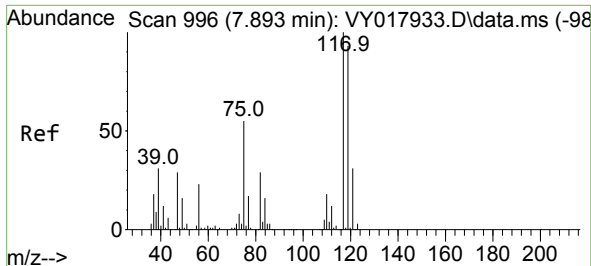
Tgt Ion:113 Resp: 190794
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.185 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

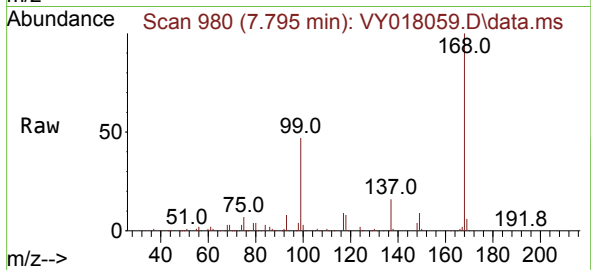
Tgt Ion: 75 Resp: 23046
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.2 25.3 37.9#



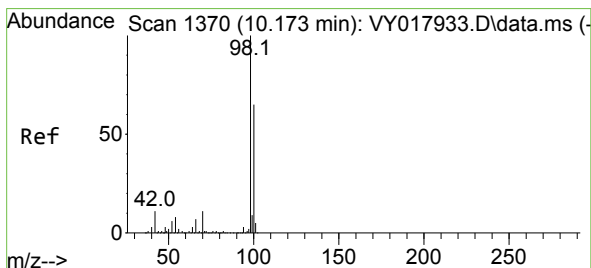
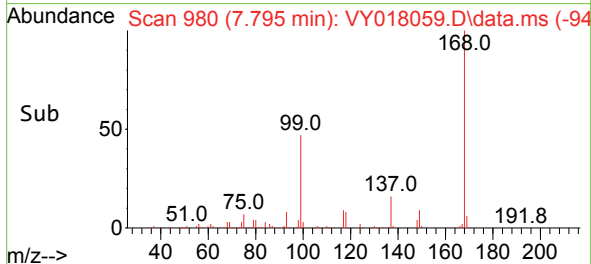
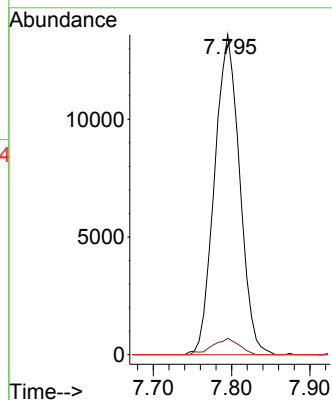


#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

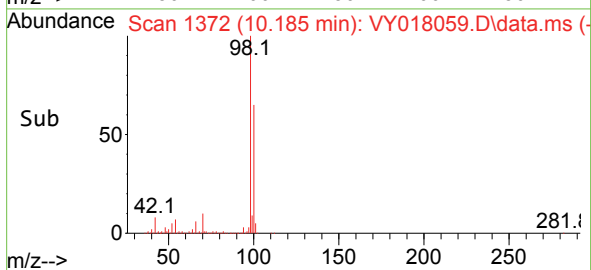
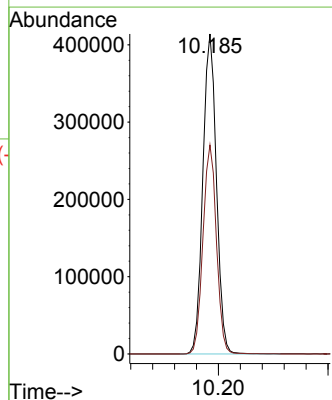
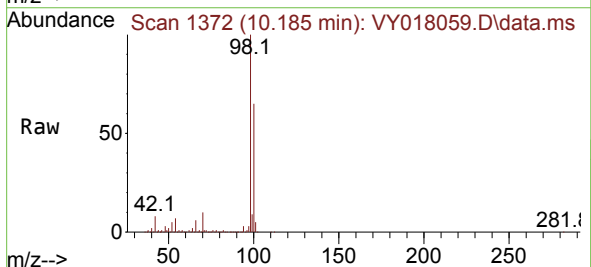


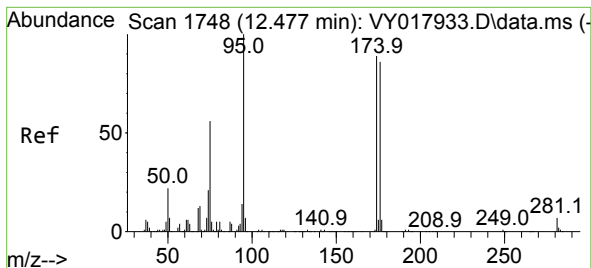
Tgt Ion:117 Resp: 30268
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.392 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

Tgt Ion: 98 Resp: 709692
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

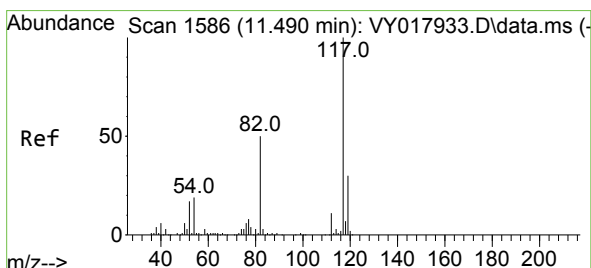
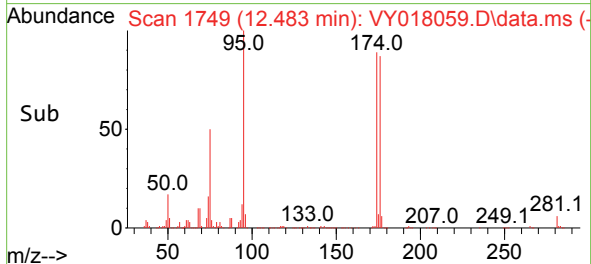
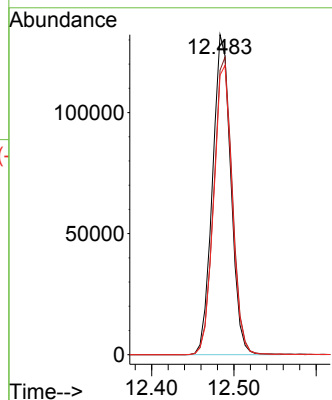
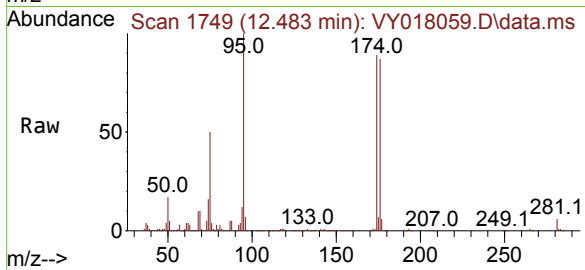




#62
4-Bromofluorobenzene
Concen: 46.014 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

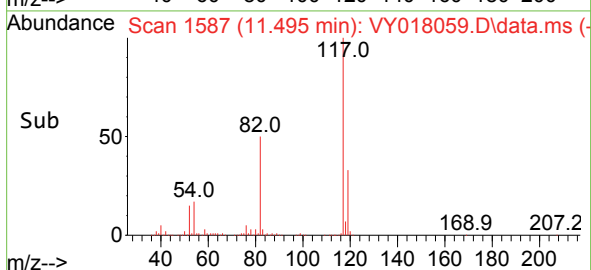
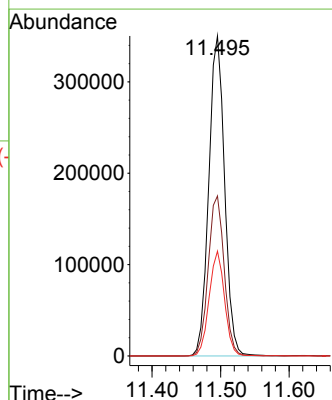
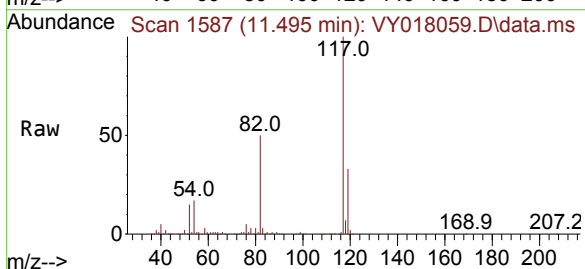
Instrument :
MSVOA_Y
ClientSampleId :

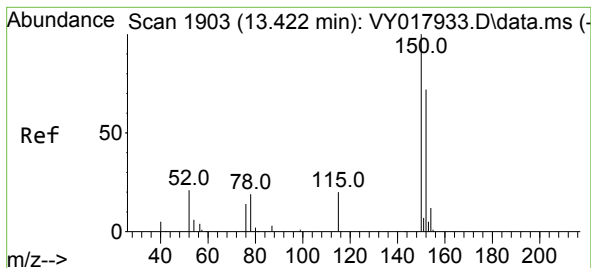
Tgt Ion: 95 Resp: 204762
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 91.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018059.D
Acq: 26 Apr 2024 13:51

Tgt Ion:117 Resp: 563542
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018059.D

Acq: 26 Apr 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

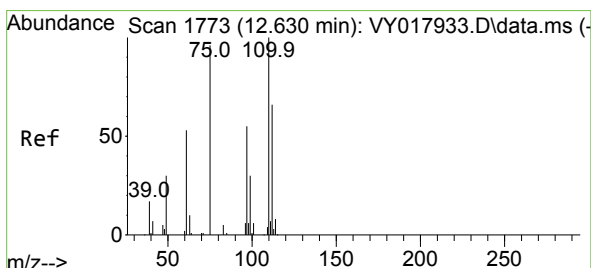
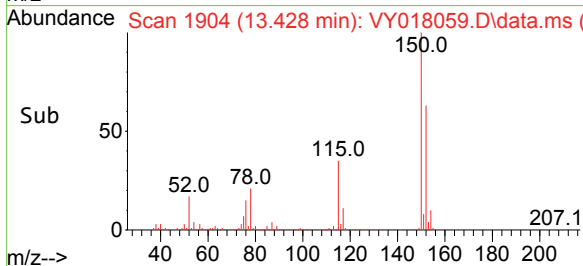
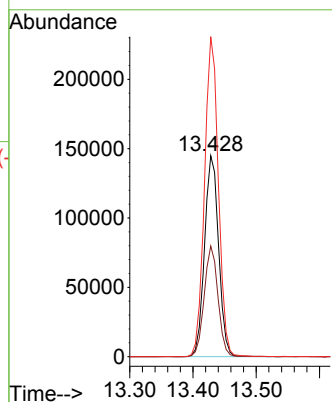
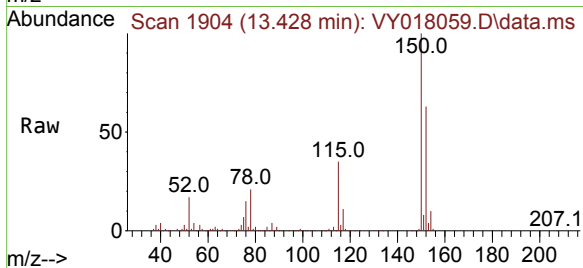
Tgt Ion:152 Resp: 224419

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 157.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.876 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018059.D

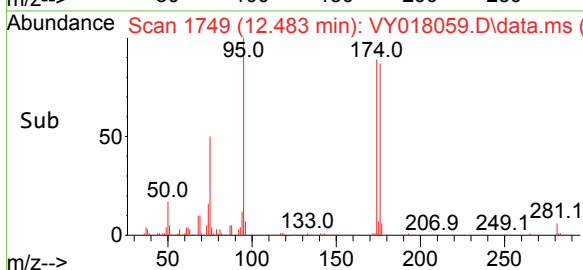
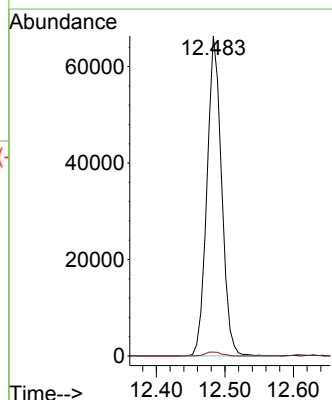
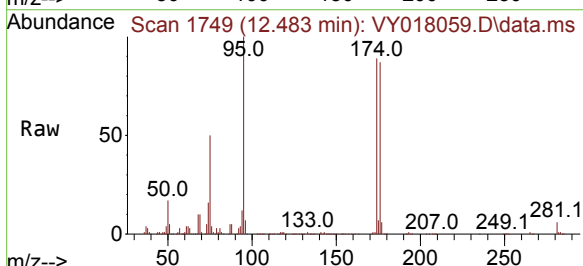
Acq: 26 Apr 2024 13:51

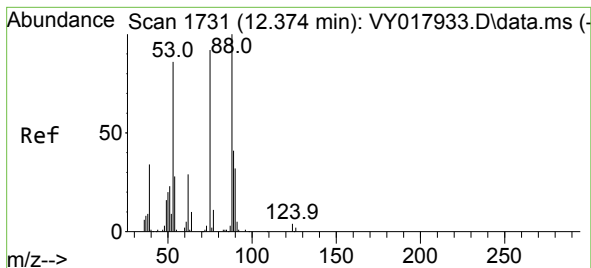
Tgt Ion: 75 Resp: 98716

Ion Ratio Lower Upper

75 100

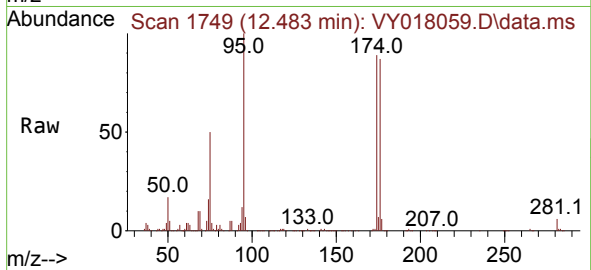
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.649 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018059.D
 Acq: 26 Apr 2024 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 98716
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

