

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018075.D
 Acq On : 29 Apr 2024 17:54
 Operator : SY/MD
 Sample : P2294-01
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:02:27 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)

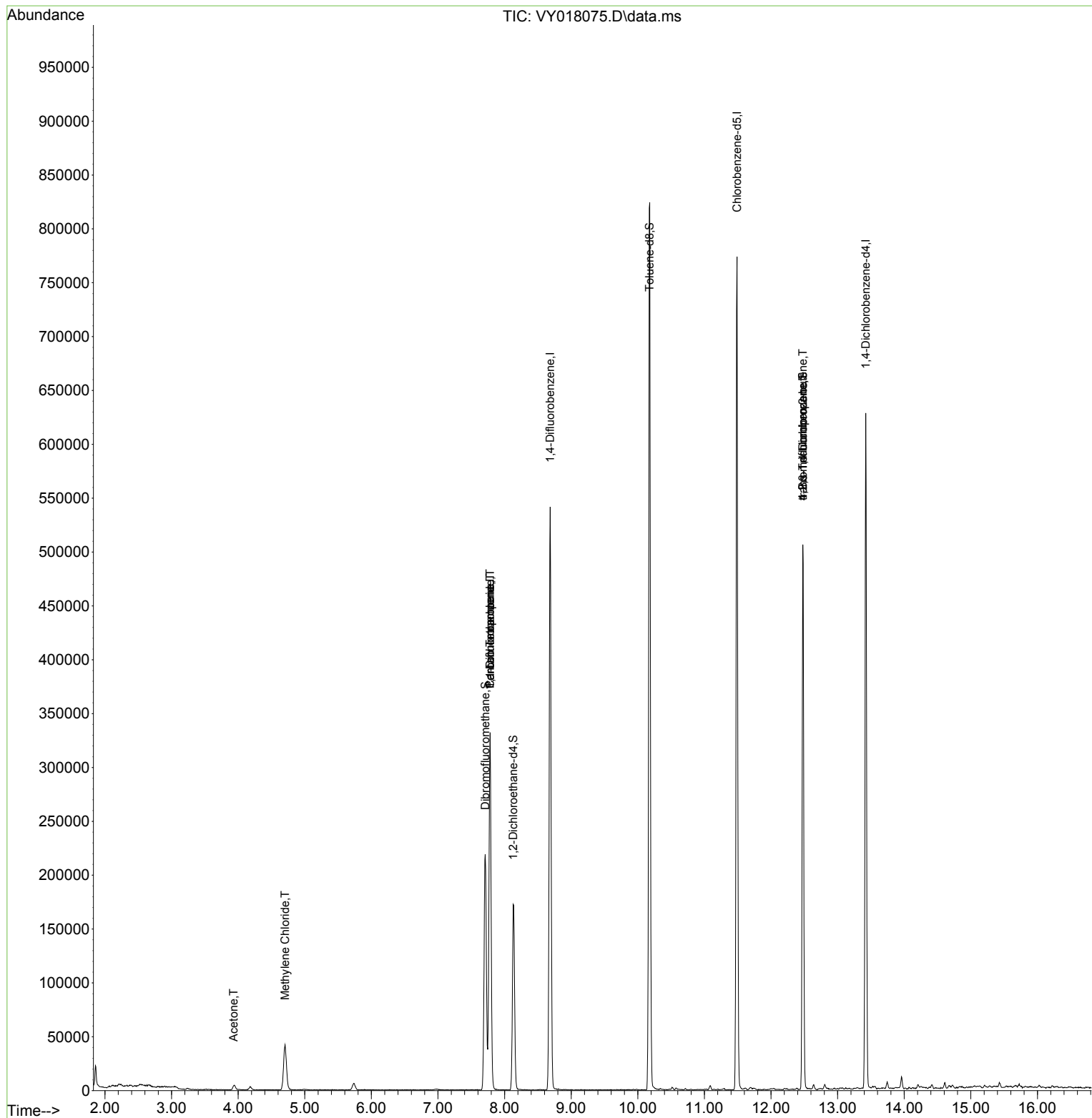
Internal Standards						
1) Pentafluorobenzene	7.783	168	275134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129045	54.199	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.710	113	165708	53.192	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.179	98	580613	49.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	12.477	95	157063	42.902	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	46	Below Cal	#	88
16) Acetone	3.930	43	7598	16.151	ug/l	96
20) Methylene Chloride	4.704	84	36974	11.601	ug/l #	91
36) 1,1-Dichloropropene	7.783	75	18400	4.061	ug/l #	48
38) Carbon Tetrachloride	7.783	117	24625	5.380	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	74355	44.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74355	92.126	ug/l #	16

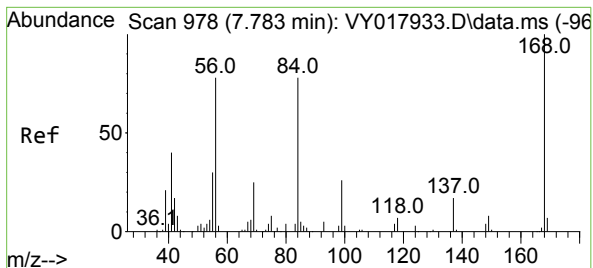
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Instrument :

MSVOA_Y

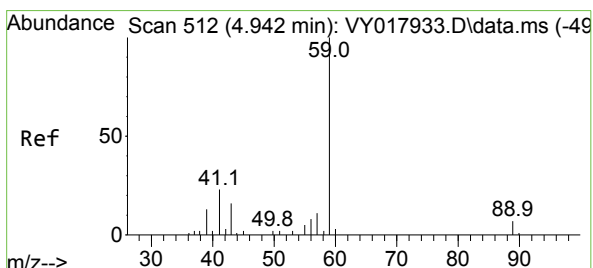
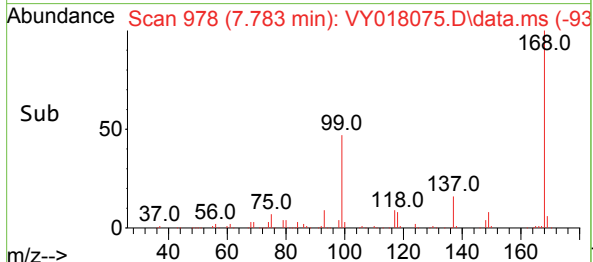
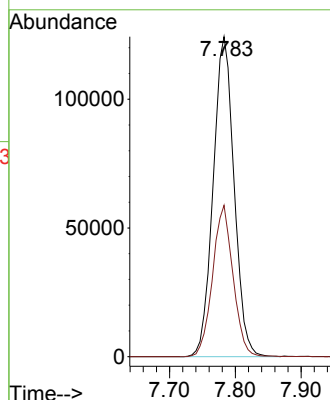
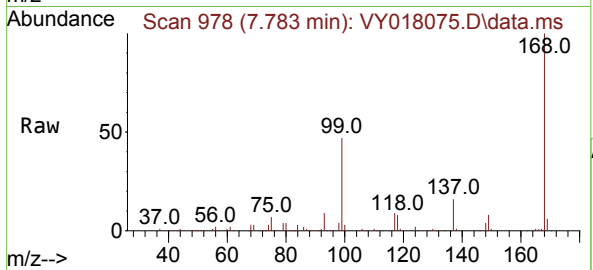
ClientSampleId :

Tgt Ion:168 Resp: 275134

Ion Ratio Lower Upper

168 100

99 47.3 39.1 58.7



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 510

Delta R.T. -0.024 min

Lab File: VY018075.D

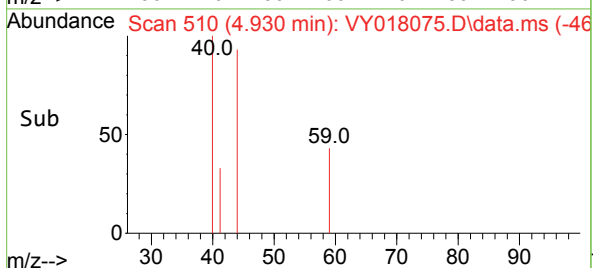
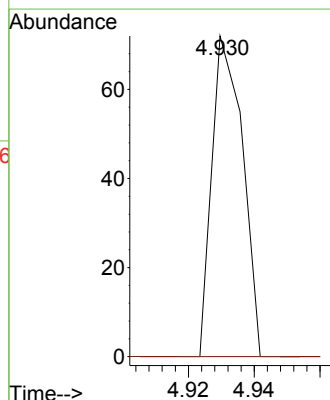
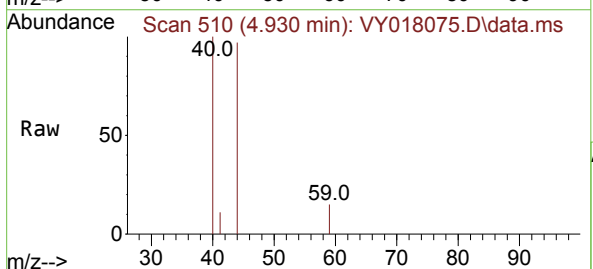
Acq: 29 Apr 2024 17:54

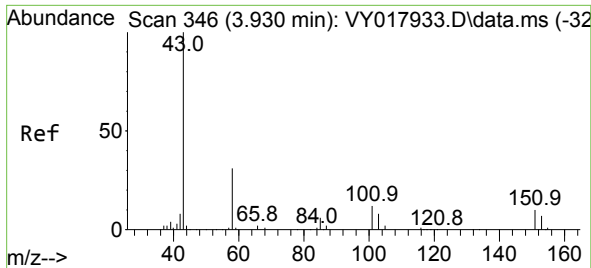
Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

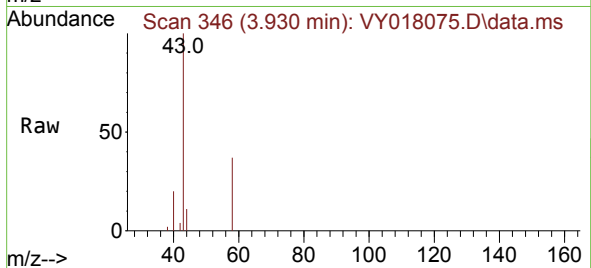
57 0.0 3.0 4.6#



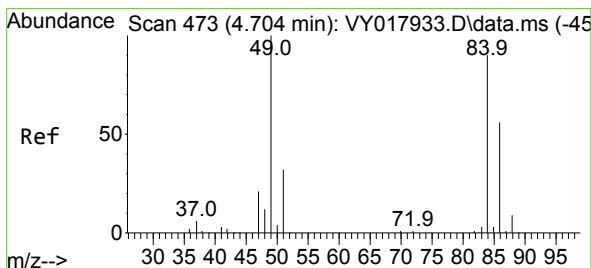
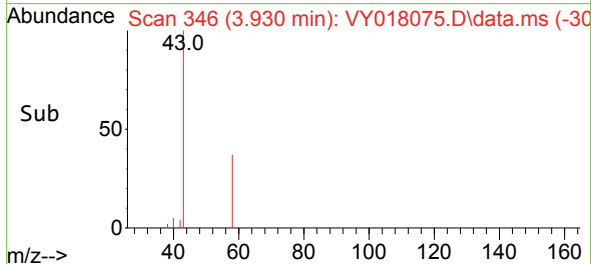
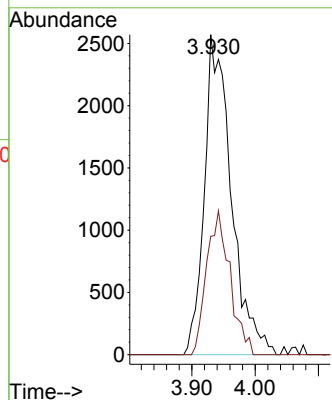


#16
Acetone
Concen: 16.151 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

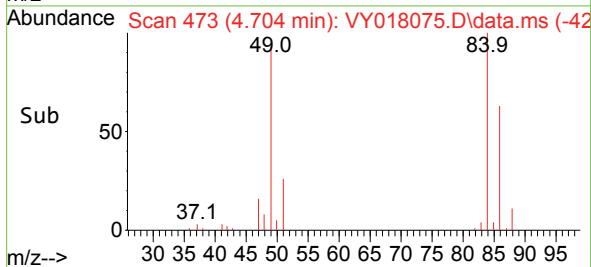
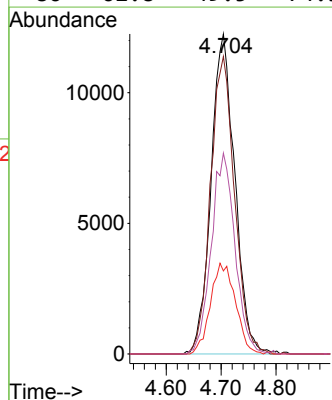
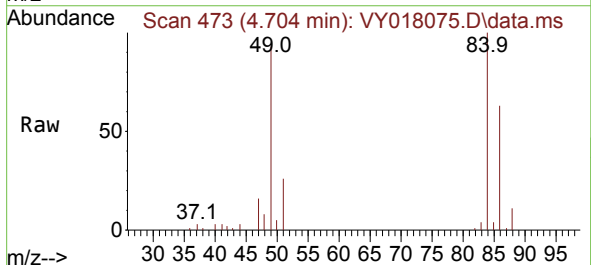


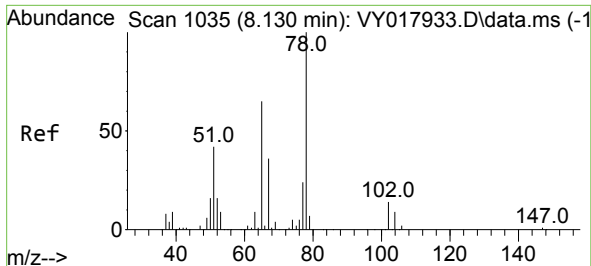
Tgt Ion: 43 Resp: 7598
Ion Ratio Lower Upper
43 100
58 37.0 31.7 47.5



#20
Methylene Chloride
Concen: 11.601 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

Tgt Ion: 84 Resp: 36974
Ion Ratio Lower Upper
84 100
49 92.9 84.4 126.6
51 26.0 26.0 39.0#
86 62.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.199 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Instrument :

MSVOA_Y

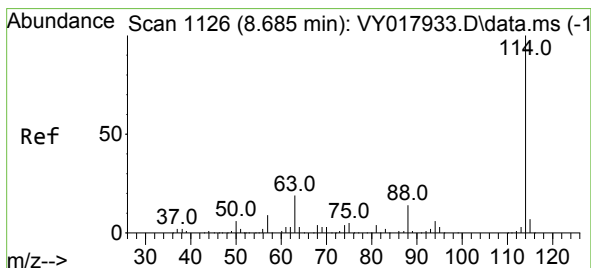
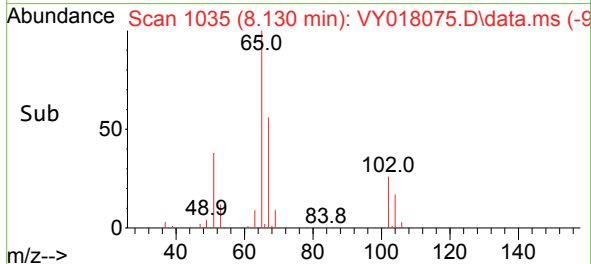
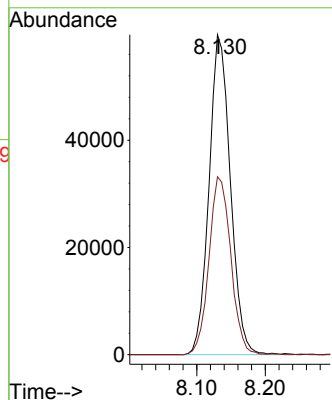
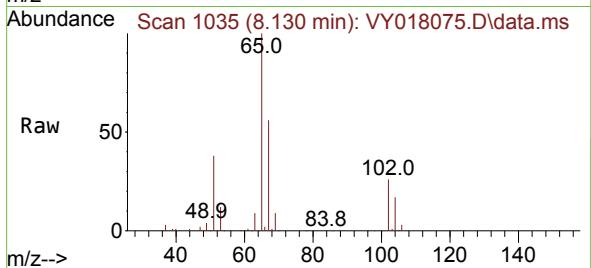
ClientSampleId :

Tgt Ion: 65 Resp: 129045

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

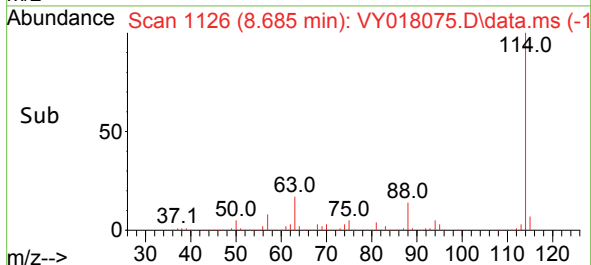
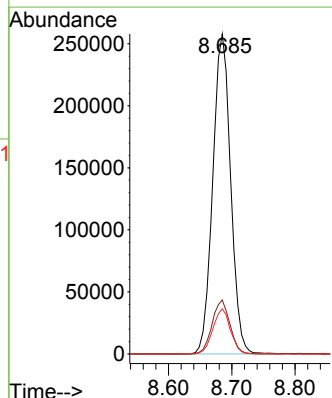
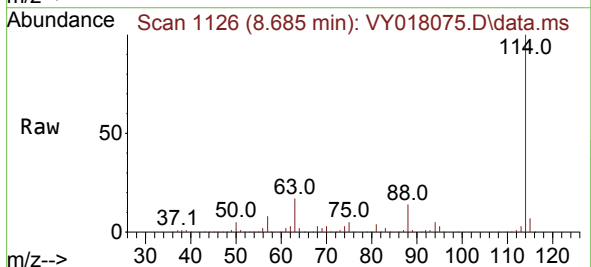
Tgt Ion: 114 Resp: 504958

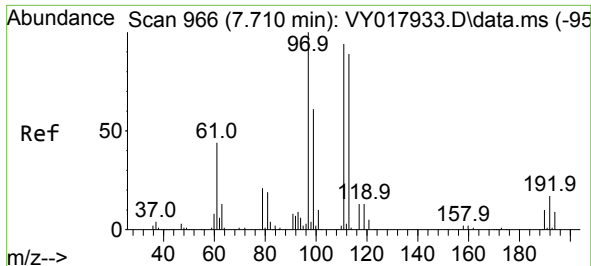
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.1 0.0 27.2

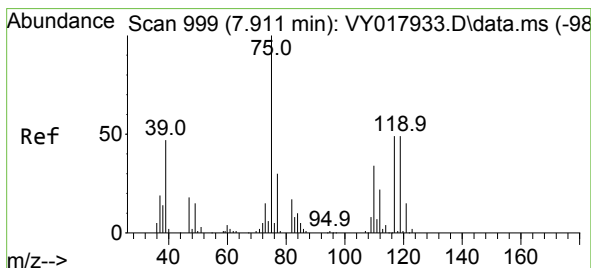
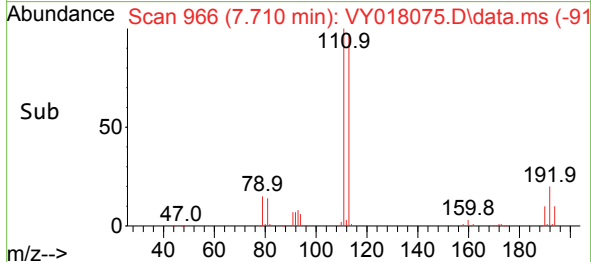
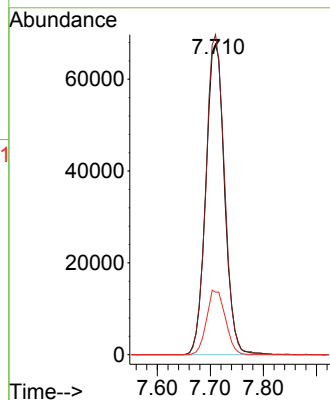
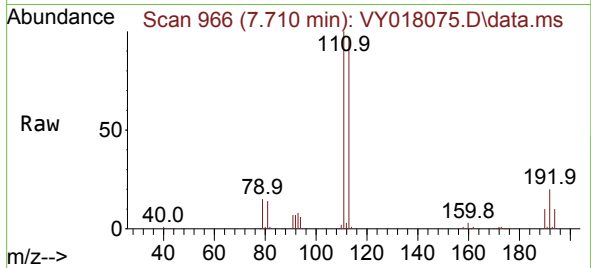




#35
Dibromofluoromethane
Concen: 53.192 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

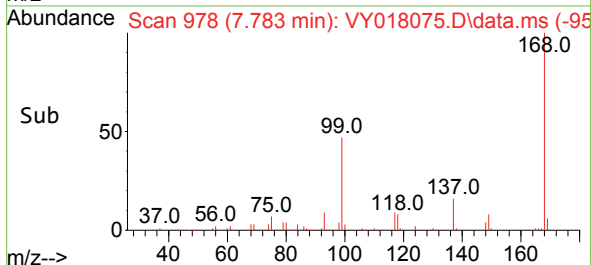
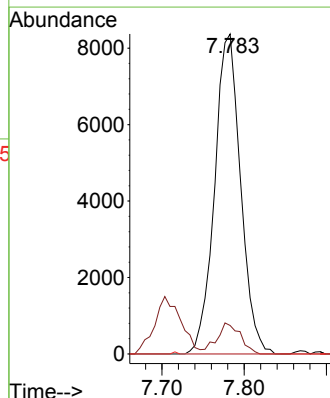
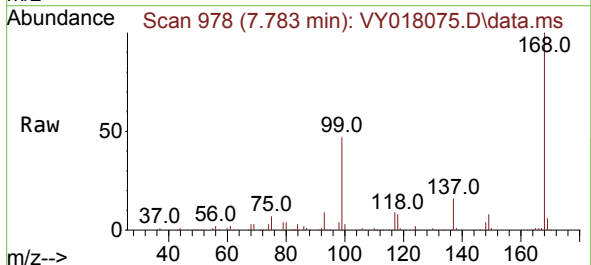
Instrument :
MSVOA_Y
ClientSampleId :

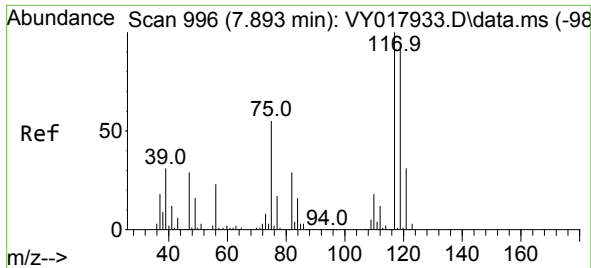
Tgt Ion:113 Resp: 165708
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.061 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

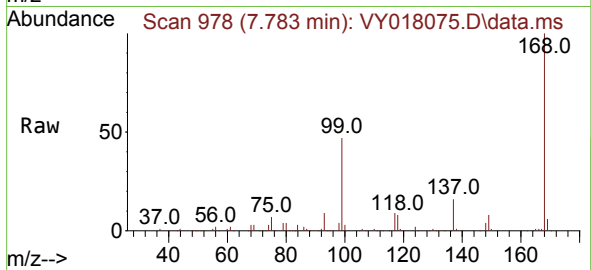
Tgt Ion: 75 Resp: 18400
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



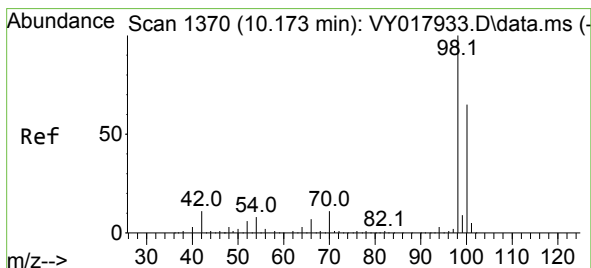
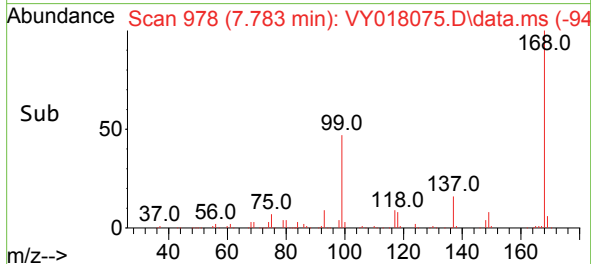
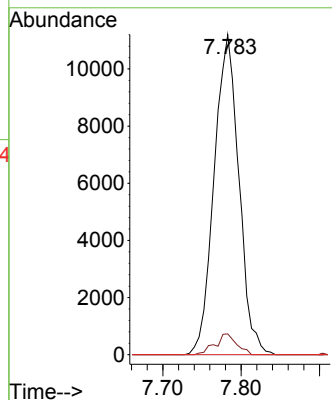


#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

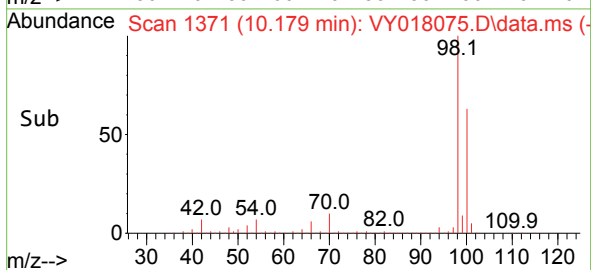
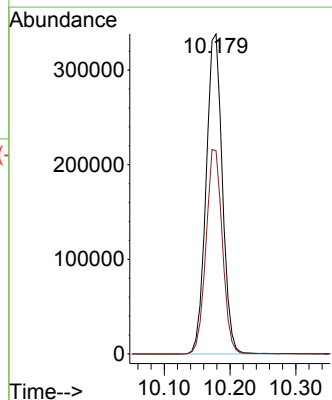
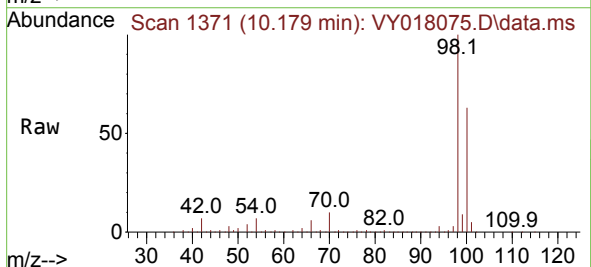


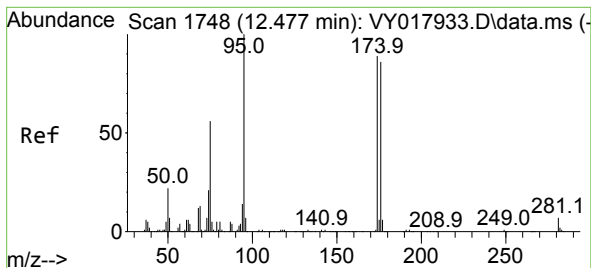
Tgt Ion:117 Resp: 24625
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

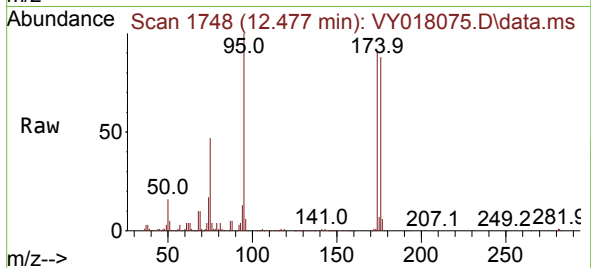
Tgt Ion: 98 Resp: 580613
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



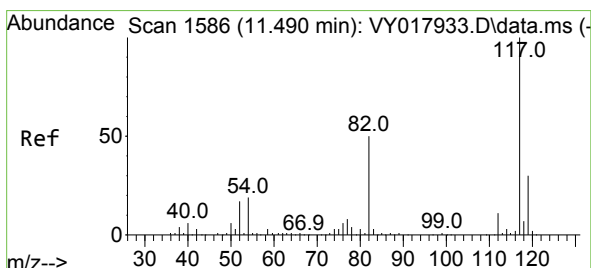
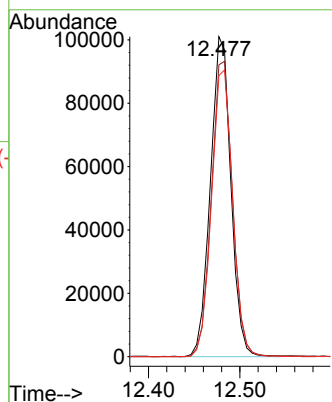
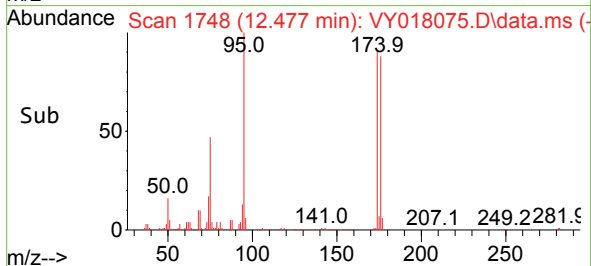


#62
4-Bromofluorobenzene
Concen: 42.902 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54

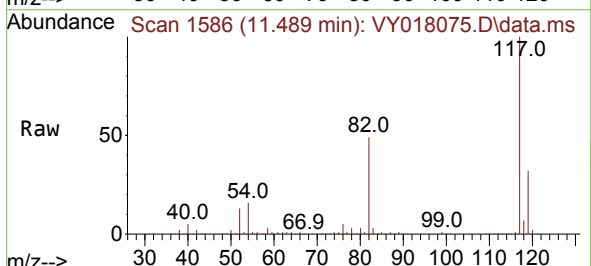
Instrument :
MSVOA_Y
ClientSampleId :



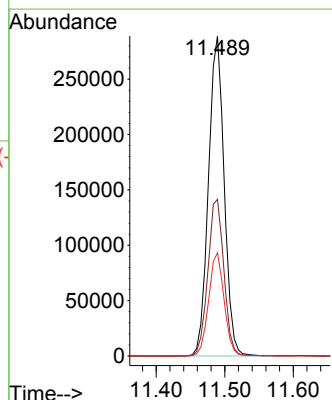
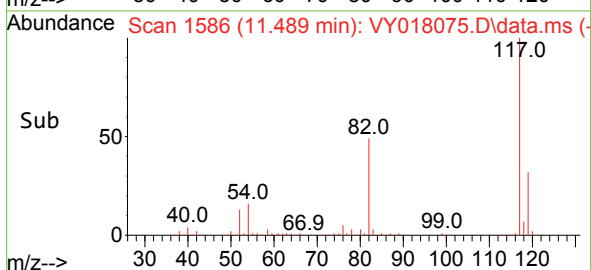
Tgt Ion: 95 Resp: 157063
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 92.4 0.0 171.4

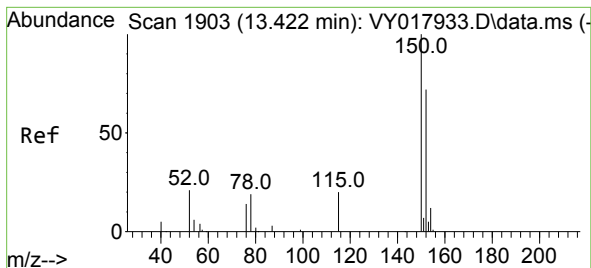


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018075.D
Acq: 29 Apr 2024 17:54



Tgt Ion: 117 Resp: 461714
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

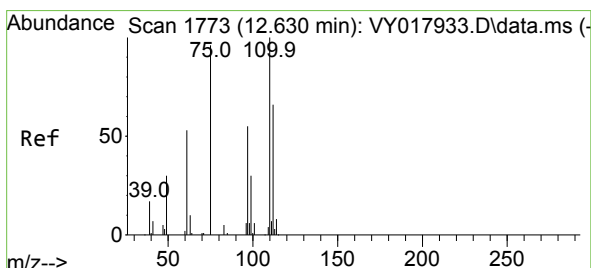
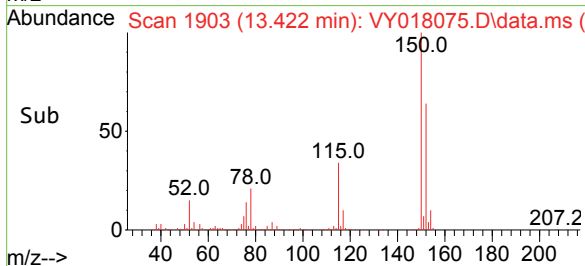
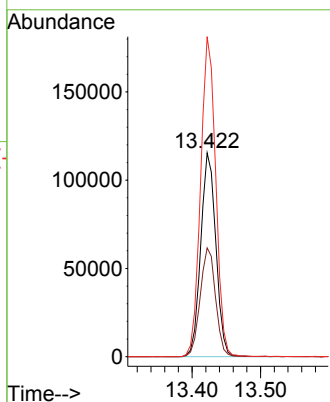
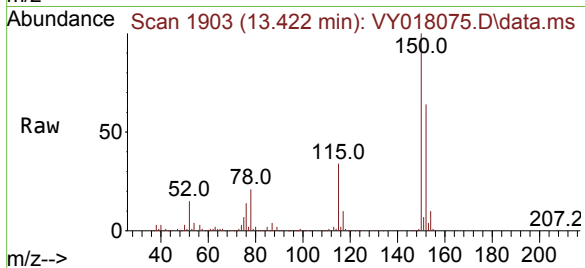
Tgt Ion:152 Resp: 177337

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 44.682 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018075.D

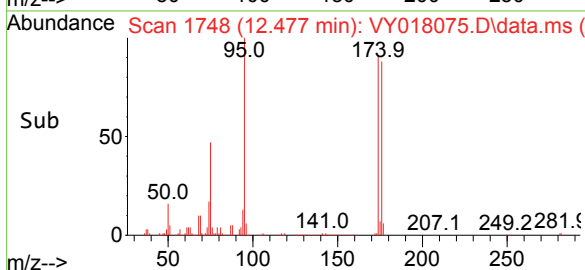
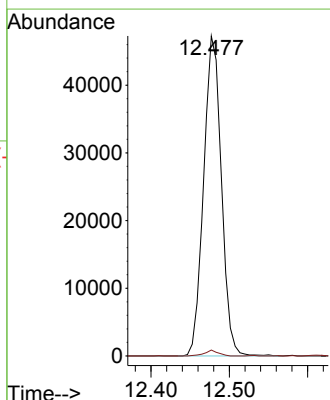
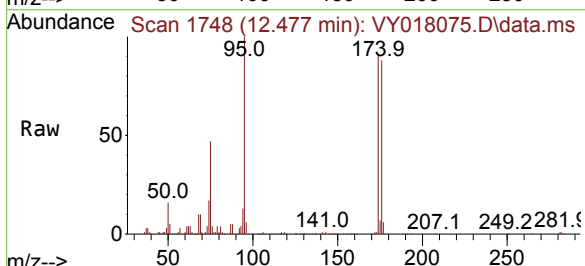
Acq: 29 Apr 2024 17:54

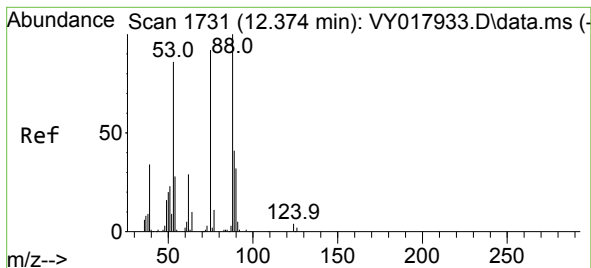
Tgt Ion: 75 Resp: 74355

Ion Ratio Lower Upper

75 100

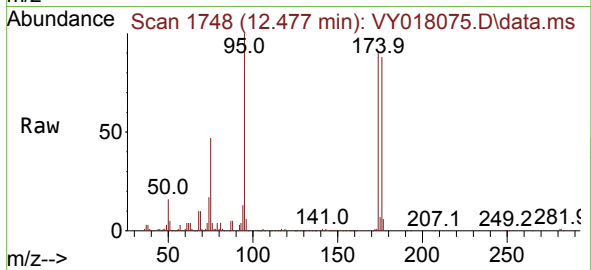
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.126 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018075.D
 Acq: 29 Apr 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



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

