

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018136.D
 Acq On : 03 May 2024 12:34
 Operator : SY/MD
 Sample : P2331-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:55:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

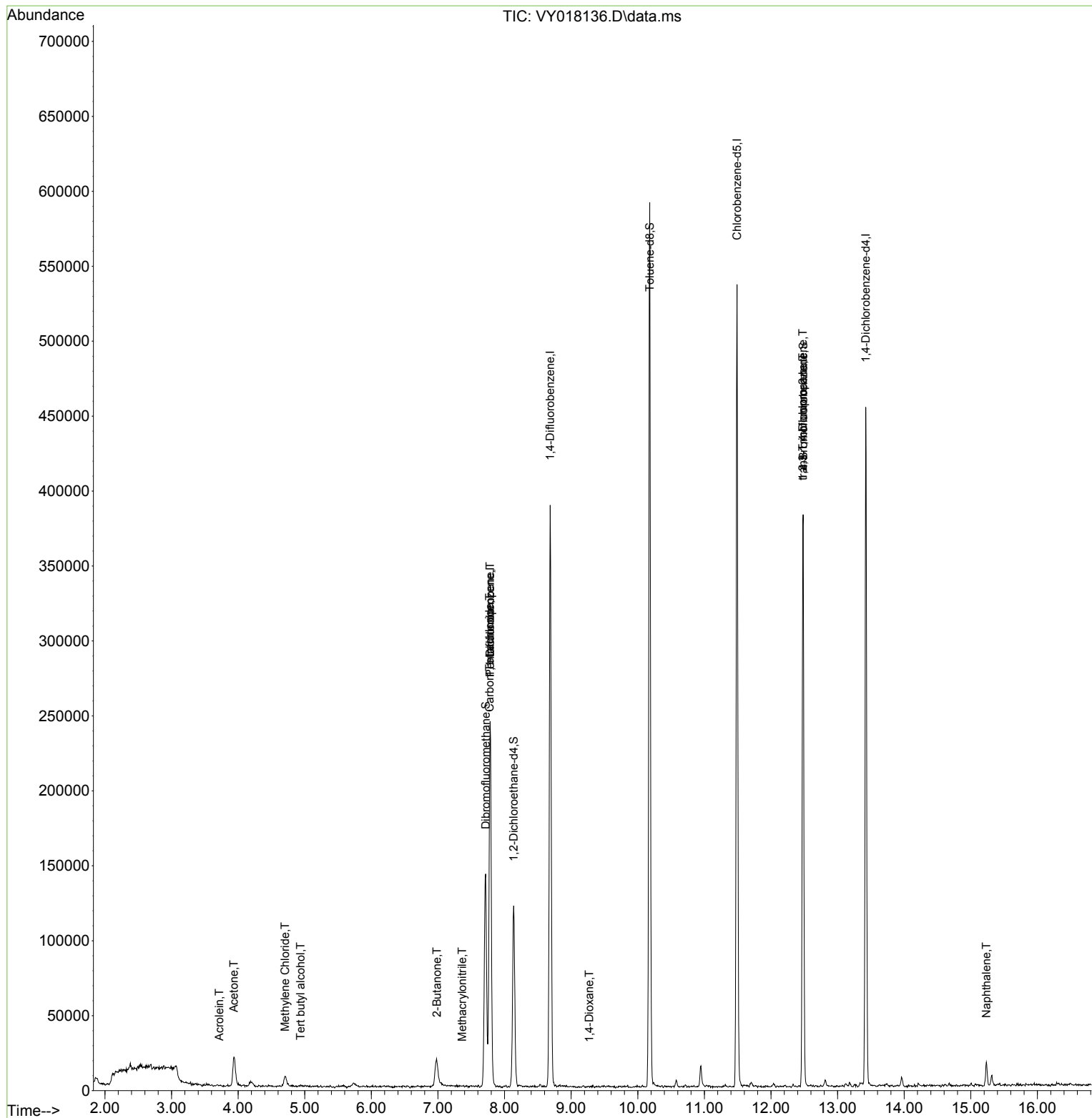
Internal Standards						
1) Pentafluorobenzene	7.783	168	205216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86445	53.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.880%			
35) Dibromofluoromethane	7.716	113	102835	50.515	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%			
50) Toluene-d8	10.179	98	393772	49.547	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.483	95	124037	45.351	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	329	2.496	ug/l #	1
13) Acrolein	3.717	56	699	3.562	ug/l #	37
16) Acetone	3.936	43	33980	110.268	ug/l	96
20) Methylene Chloride	4.704	84	5400	2.501	ug/l	93
25) 2-Butanone	6.984	43	10522	21.948	ug/l	97
36) 1,1-Dichloropropene	7.783	75	14426	5.309	ug/l #	49
38) Carbon Tetrachloride	7.777	117	19061	6.180	ug/l #	16
41) Methacrylonitrile	7.362	41	792	1.136	ug/l #	31
49) 1,4-Dioxane	9.270	88	23	1.790	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	58752	57.247	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58752	104.291	ug/l #	16
95) Naphthalene	15.233	128	12673	3.379	ug/l	99

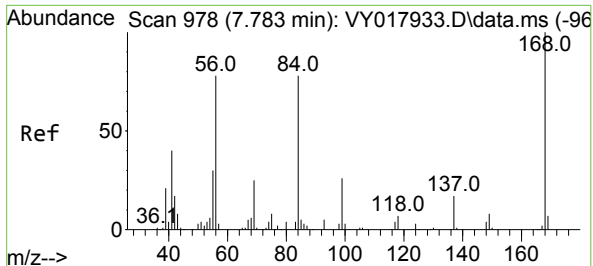
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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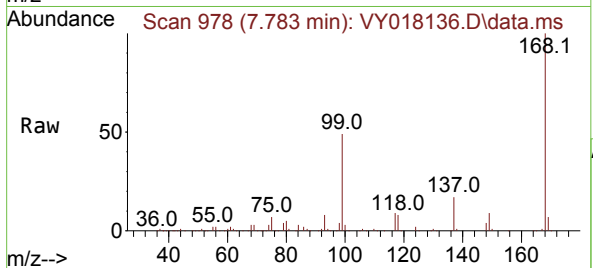
Quant Time: May 06 02:55:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
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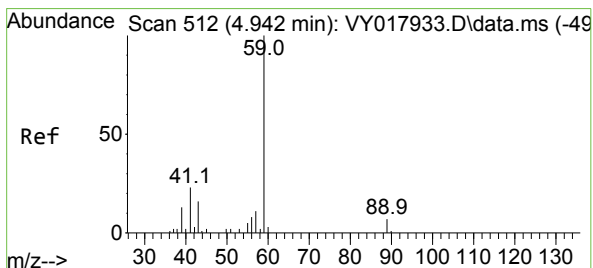
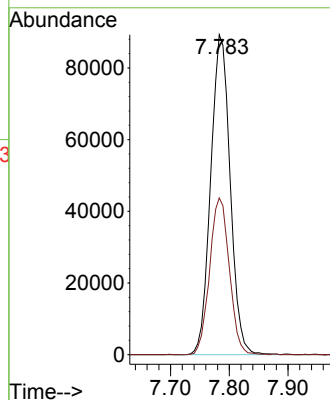
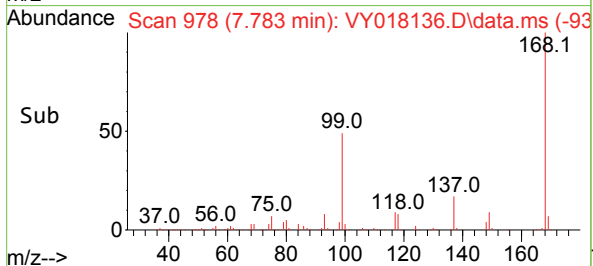


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

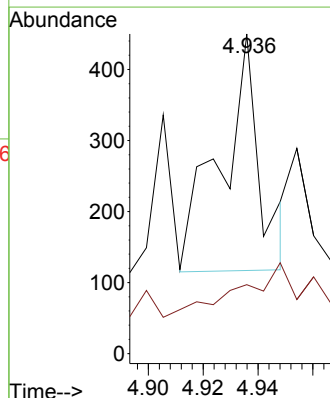
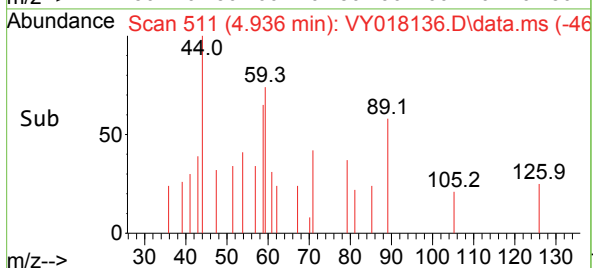
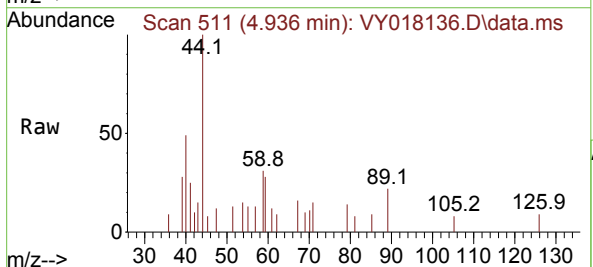


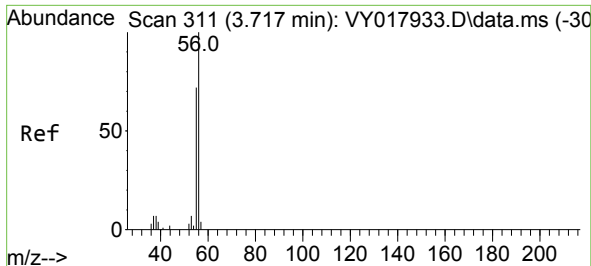
Tgt Ion:168 Resp: 205216
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.496 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

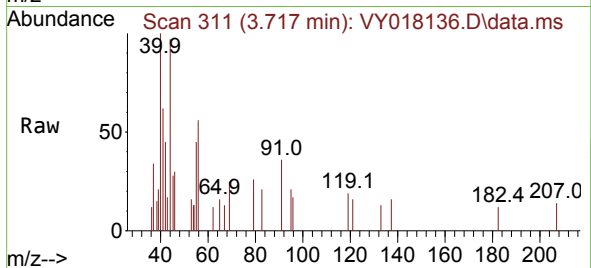
Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 95.4 3.0 4.6#



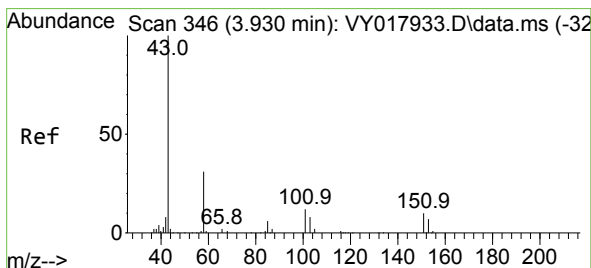
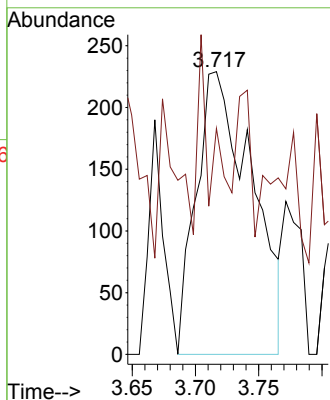
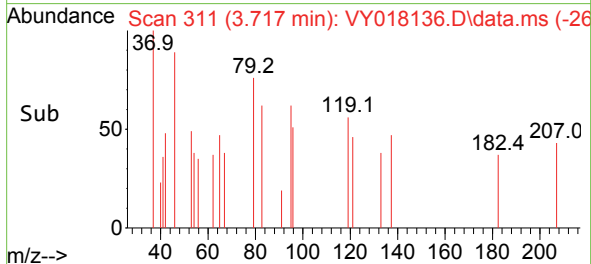


#13
Acrolein
Concen: 3.562 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

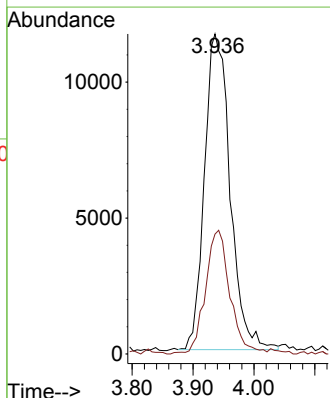
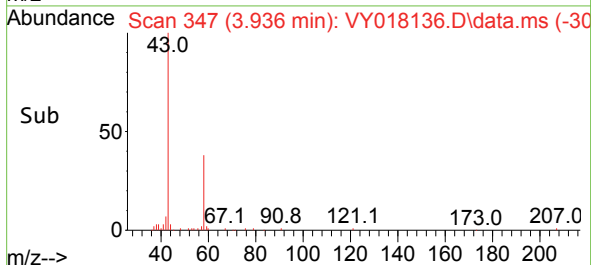
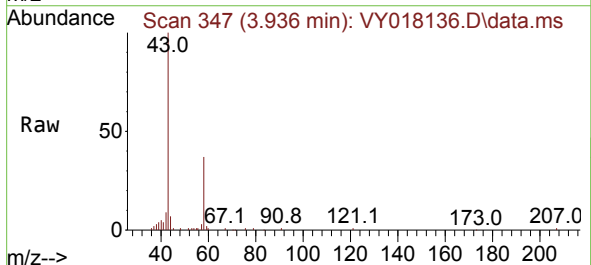


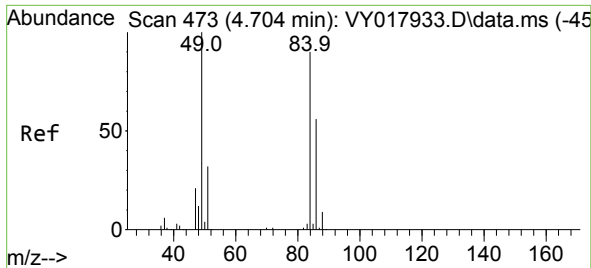
Tgt Ion: 56 Resp: 699
Ion Ratio Lower Upper
56 100
55 18.5 55.7 83.5#



#16
Acetone
Concen: 110.268 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

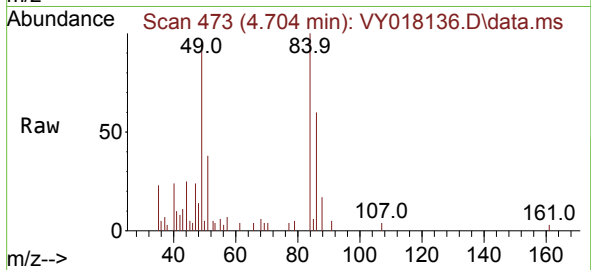
Tgt Ion: 43 Resp: 33980
Ion Ratio Lower Upper
43 100
58 37.4 31.7 47.5



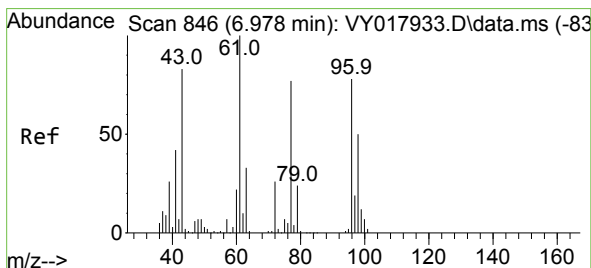
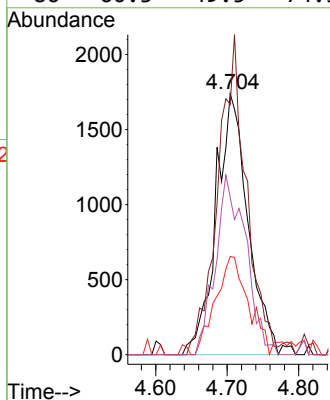
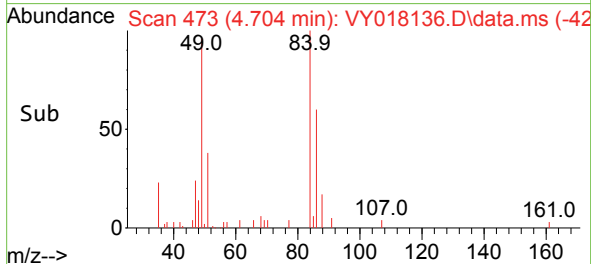


#20
Methylene Chloride
Concen: 2.501 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

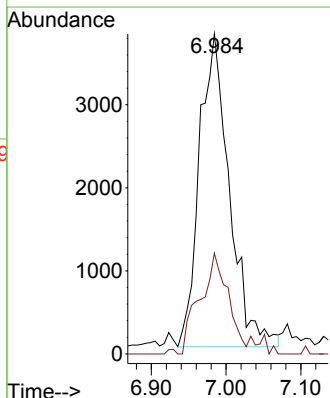
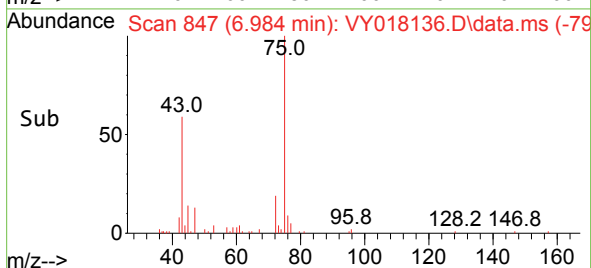
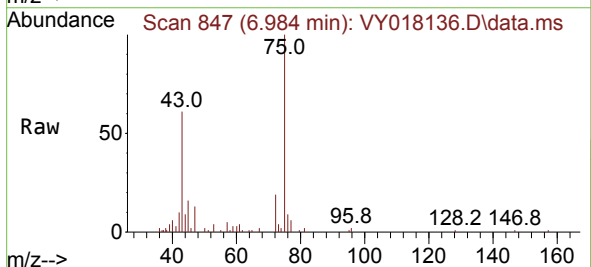


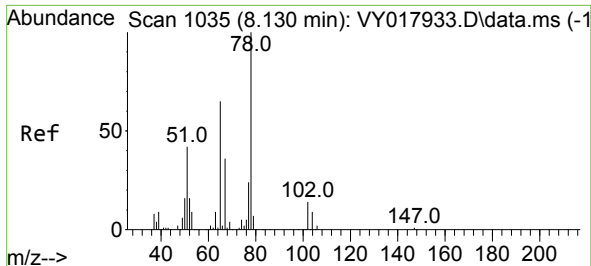
Tgt Ion:	84	Resp:	5400
Ion	Ratio	Lower	Upper
84	100		
49	95.8	84.4	126.6
51	37.6	26.0	39.0
86	60.3	49.5	74.3



#25
2-Butanone
Concen: 21.948 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Tgt Ion:	43	Resp:	10522
Ion	Ratio	Lower	Upper
43	100		
72	32.2	27.3	40.9





#33

1,2-Dichloroethane-d4

Concen: 53.441 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018136.D

Acq: 03 May 2024 12:34

Instrument :

MSVOA_Y

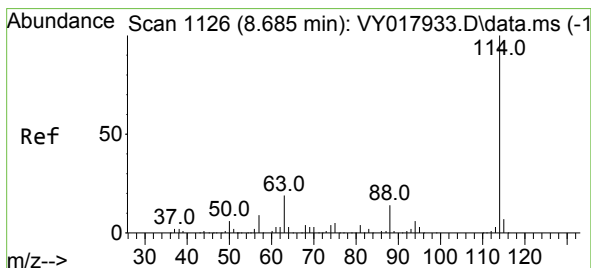
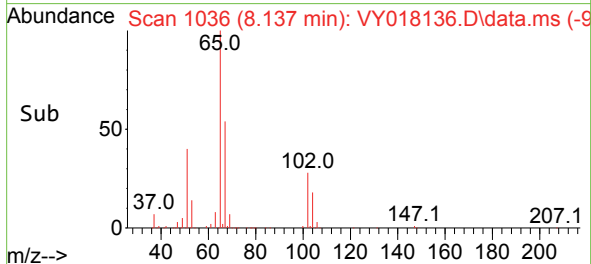
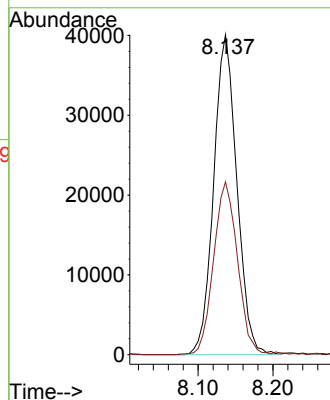
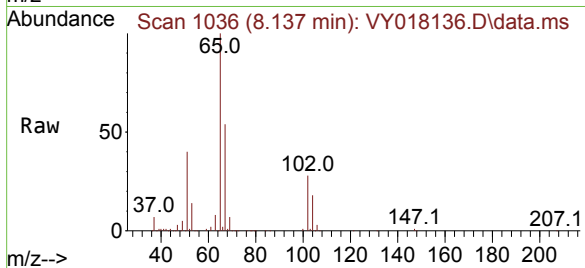
ClientSampleId :

Tgt Ion: 65 Resp: 86445

Ion Ratio Lower Upper

65 100

67 55.7 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: VY018136.D

Acq: 03 May 2024 12:34

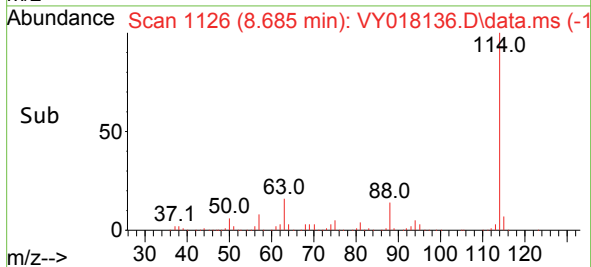
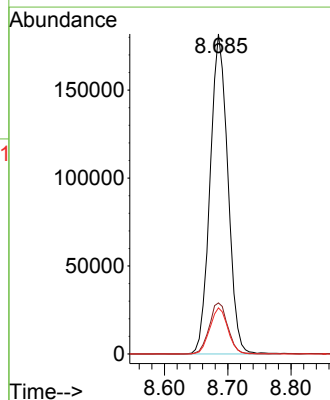
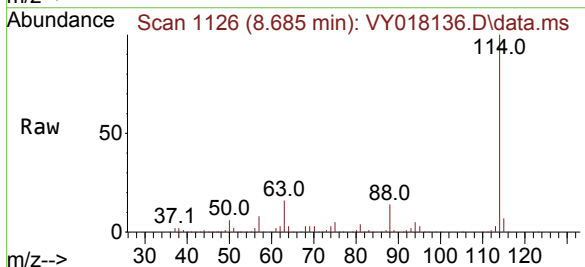
Tgt Ion: 114 Resp: 354246

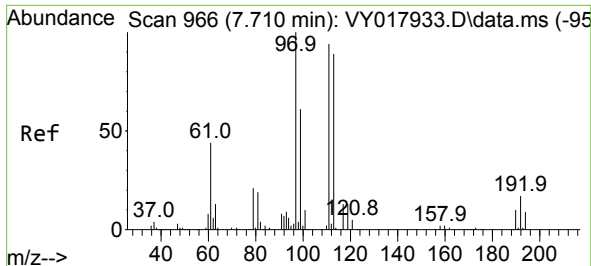
Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

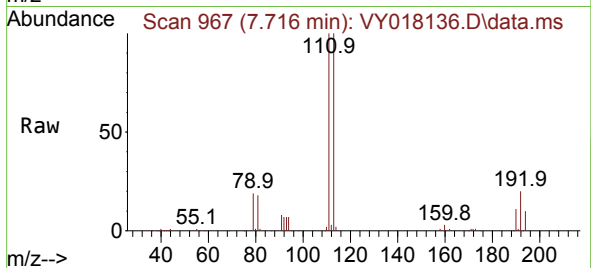
88 14.4 0.0 27.2



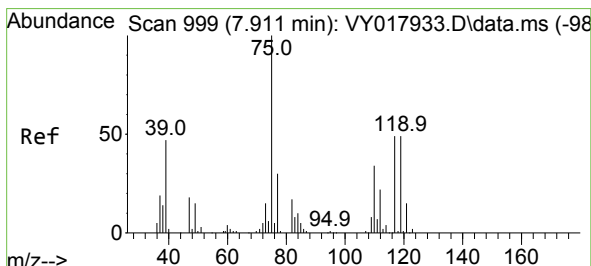
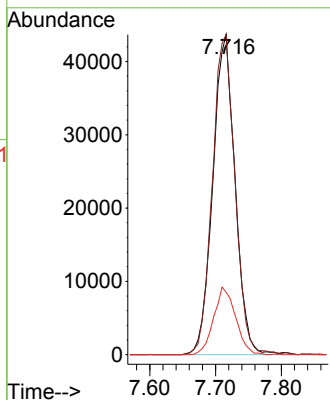
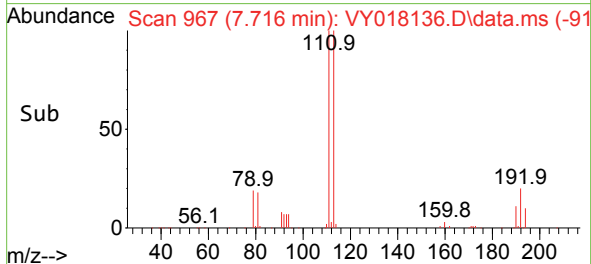


#35
Dibromofluoromethane
Concen: 50.515 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

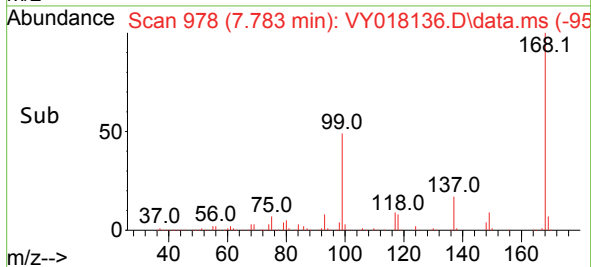
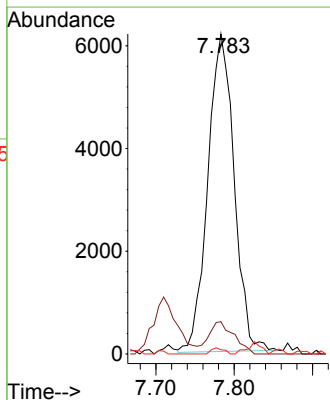
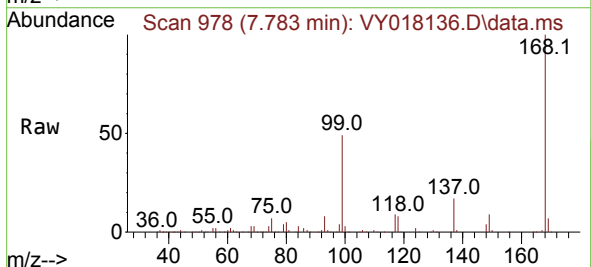


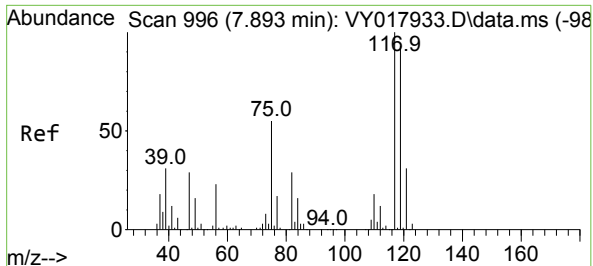
Tgt Ion:113 Resp: 102835
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

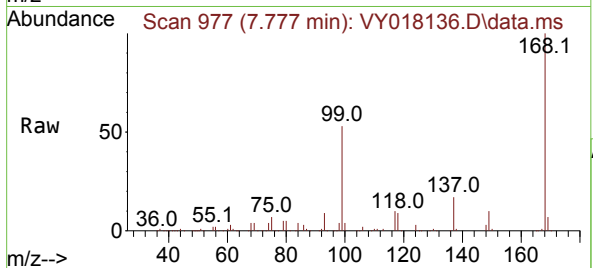
Tgt Ion: 75 Resp: 14426
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.9 25.3 37.9#



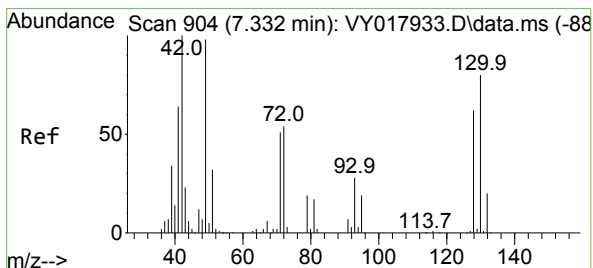
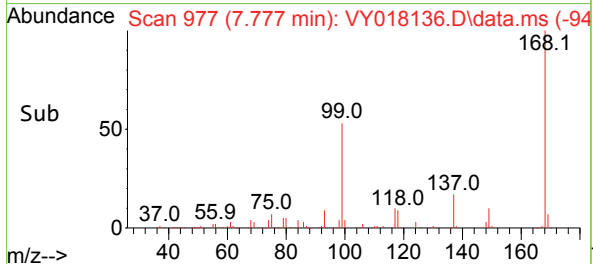
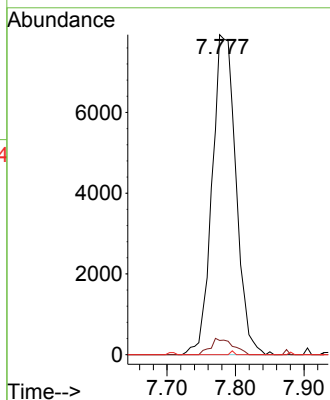


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

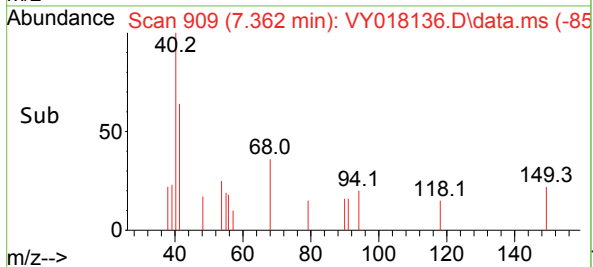
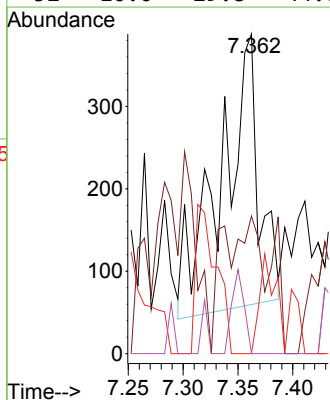
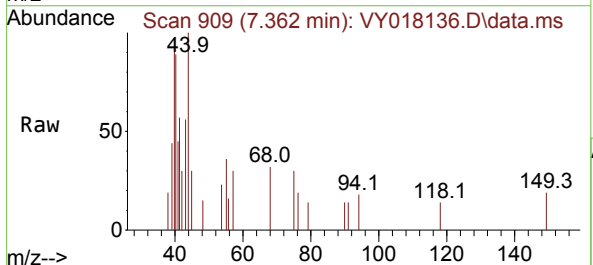


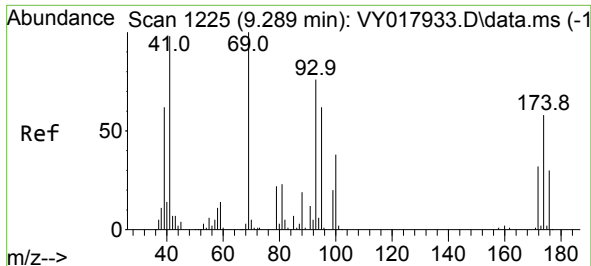
Tgt Ion: 117 Resp: 19061
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.136 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Tgt Ion: 41 Resp: 792
Ion Ratio Lower Upper
41 100
39 30.2 48.0 72.0#
67 0.0 75.1 112.7#
52 10.0 29.8 44.6#





#49

1,4-Dioxane

Concen: 1.790 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.031 min

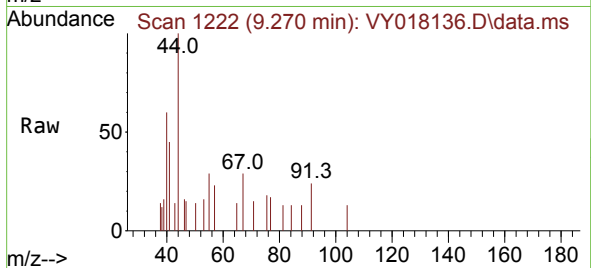
Lab File: VY018136.D

Acq: 03 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :



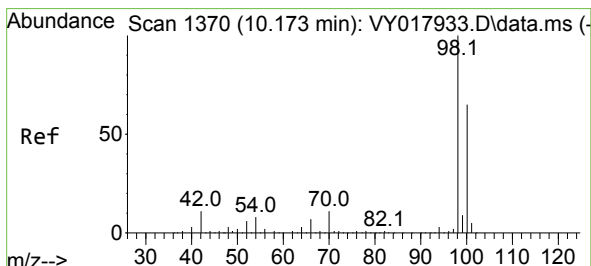
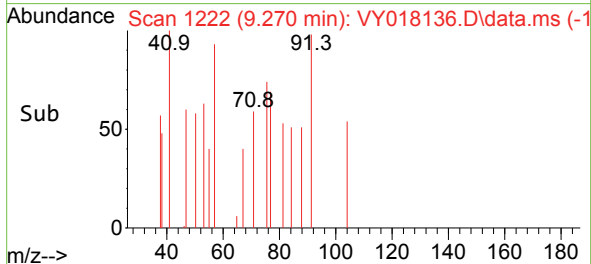
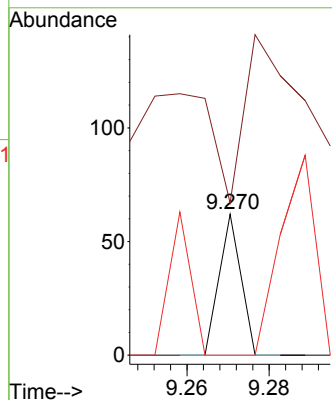
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 317.4 0.0 0.0#

58 226.1 49.3 73.9#



#50

Toluene-d8

Concen: 49.547 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018136.D

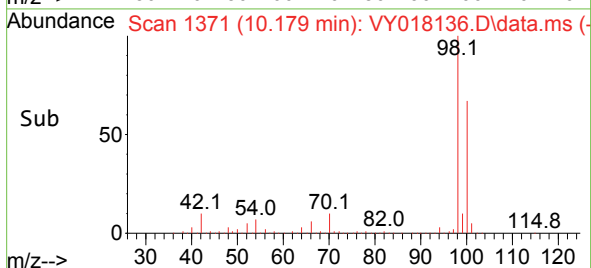
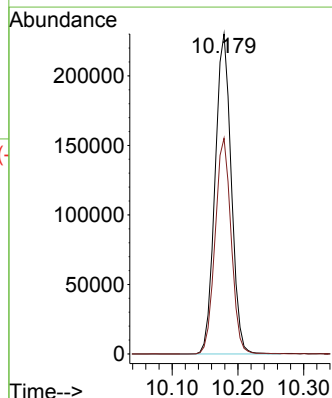
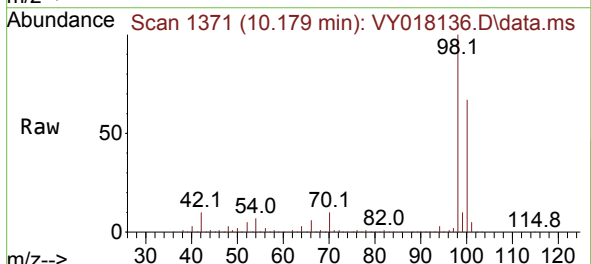
Acq: 03 May 2024 12:34

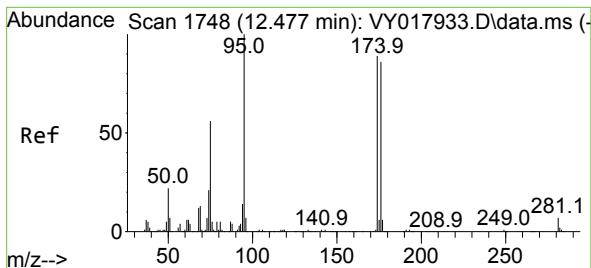
Tgt Ion: 98 Resp: 393772

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0

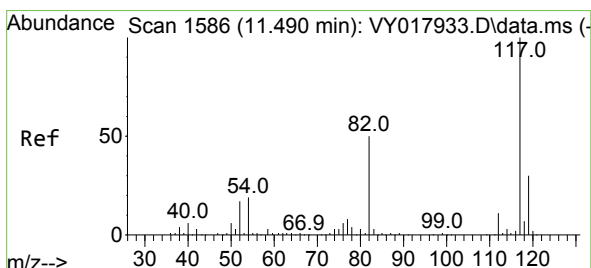
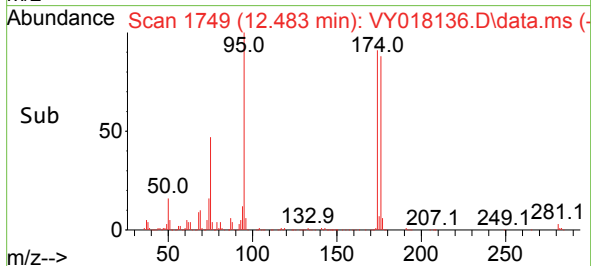
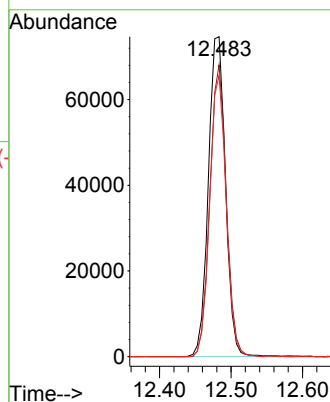
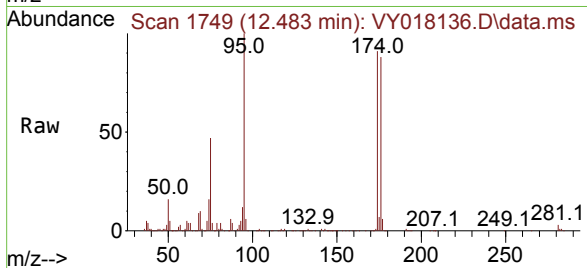




#62
4-Bromofluorobenzene
Concen: 45.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

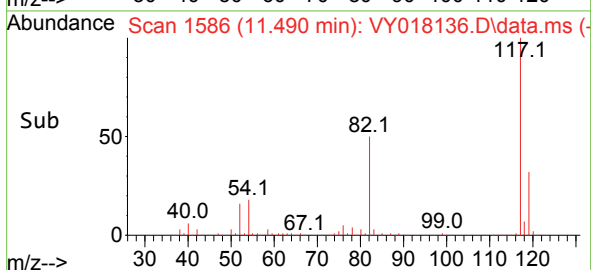
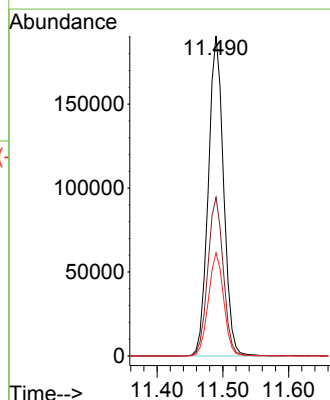
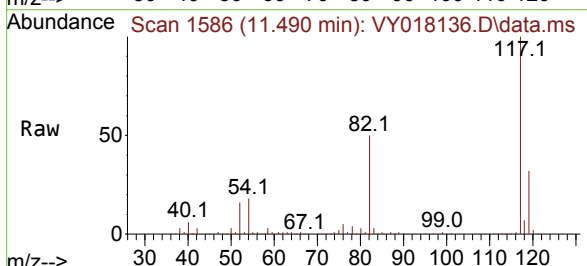
Instrument :
MSVOA_Y
ClientSampleId :

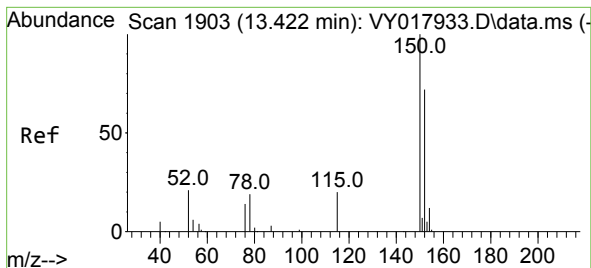
Tgt Ion: 95 Resp: 124037
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 84.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Tgt Ion: 117 Resp: 307928
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.2 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: VY018136.D

Acq: 03 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

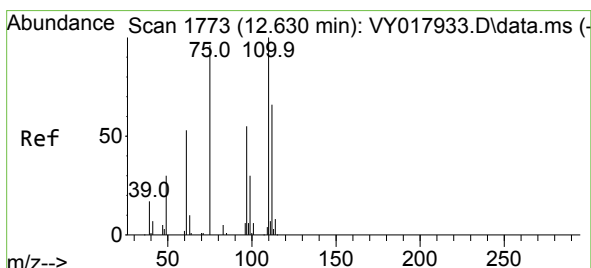
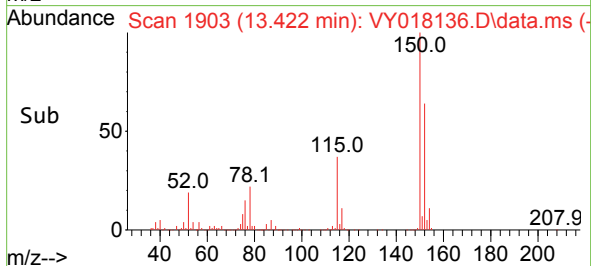
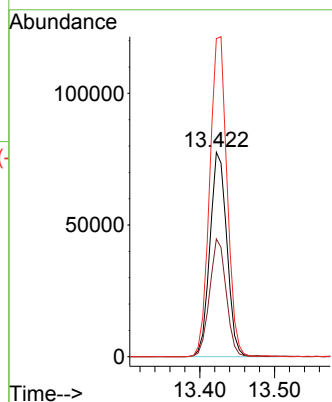
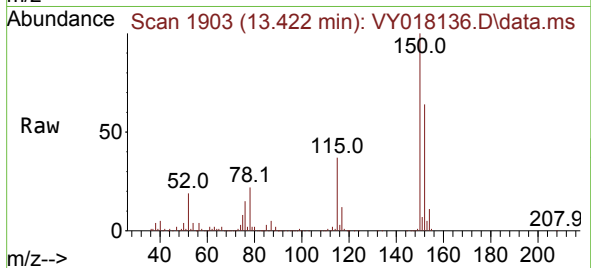
Tgt Ion:152 Resp: 122286

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 159.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.247 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018136.D

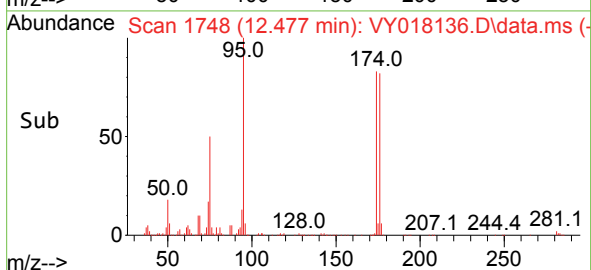
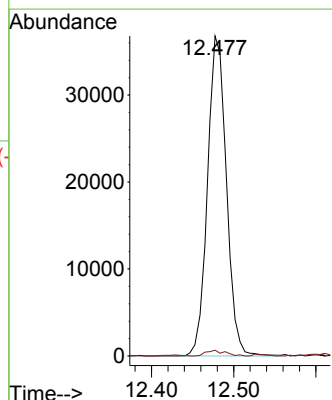
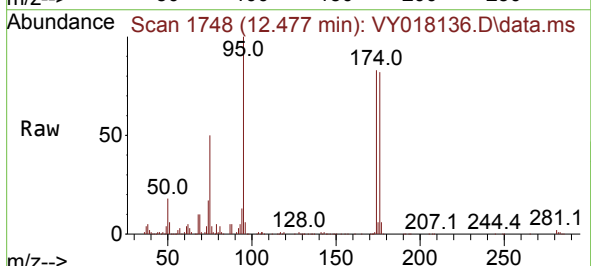
Acq: 03 May 2024 12:34

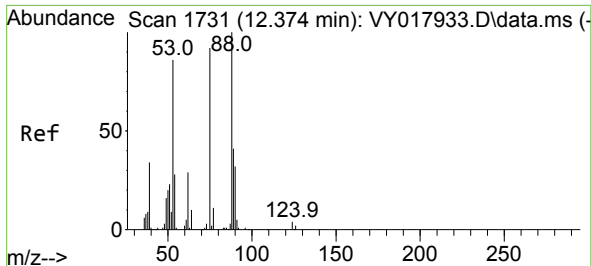
Tgt Ion: 75 Resp: 58752

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

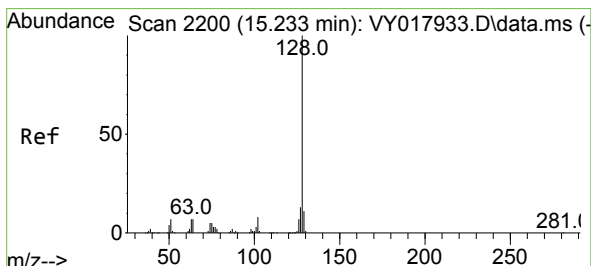
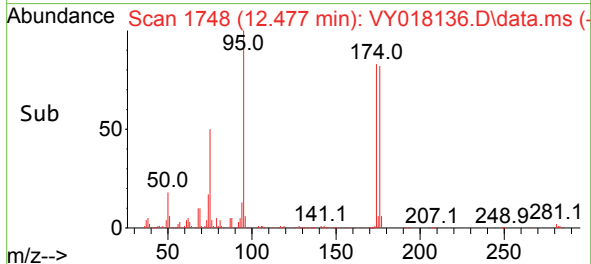
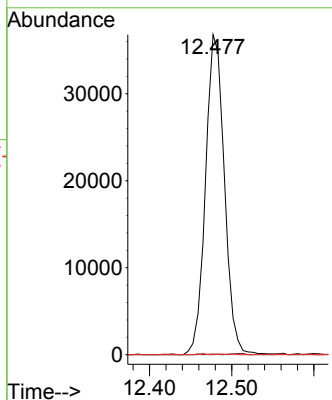
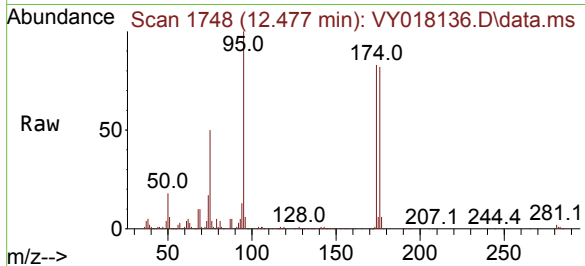




#81
trans-1,4-Dichloro-2-butene
Concen: 104.291 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58752
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.379 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018136.D
Acq: 03 May 2024 12:34

Tgt Ion:128 Resp: 12673
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 10.5 8.6 13.0

