

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018137.D
 Acq On : 03 May 2024 12:58
 Operator : SY/MD
 Sample : P2331-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:56:17 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)

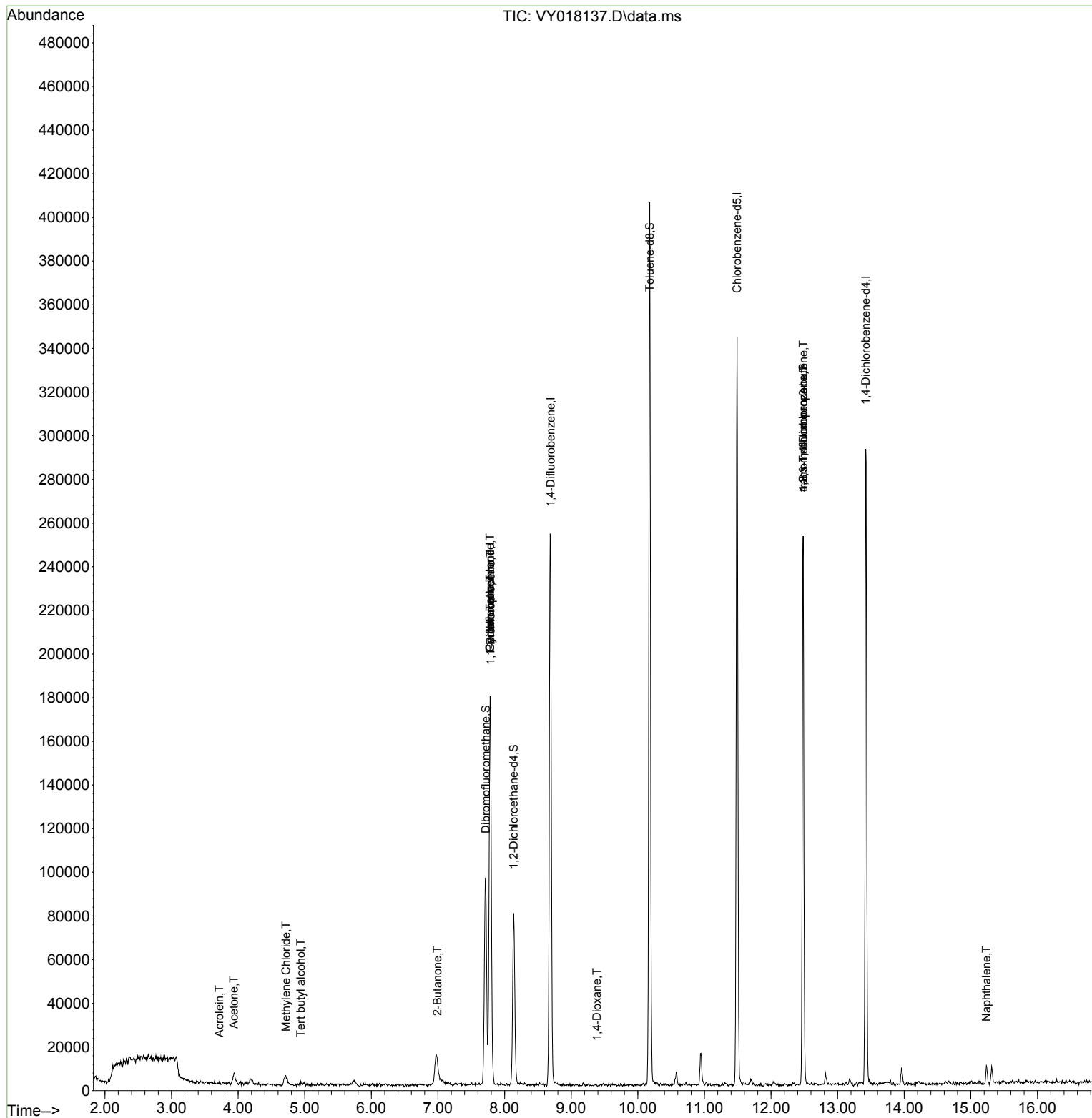
Internal Standards						
1) Pentafluorobenzene	7.783	168	147115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56047	48.332	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.660%		
35) Dibromofluoromethane	7.716	113	68789	48.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.460%		
50) Toluene-d8	10.179	98	270762	49.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.483	95	78262	41.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.540%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	165	1.746	ug/l #	1
13) Acrolein	3.717	56	447	3.178	ug/l #	55
16) Acetone	3.936	43	8430	38.160	ug/l	96
20) Methylene Chloride	4.716	84	3401	2.197	ug/l	98
25) 2-Butanone	6.990	43	2306	6.710	ug/l #	83
31) Cyclohexane	7.783	56	3121	1.405	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	10877	5.773	ug/l #	41
38) Carbon Tetrachloride	7.783	117	13104	6.127	ug/l #	20
49) 1,4-Dioxane	9.386	88	30	3.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38849	58.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38849	107.272	ug/l #	16
95) Naphthalene	15.233	128	6555	2.719	ug/l	98

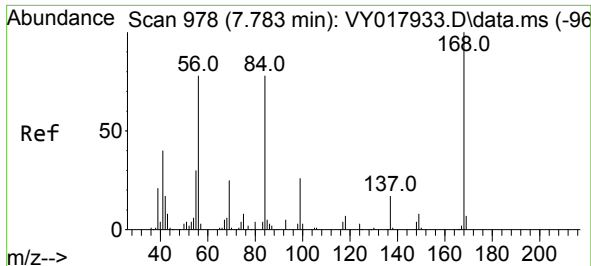
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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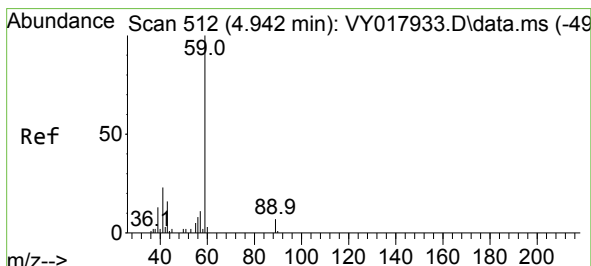
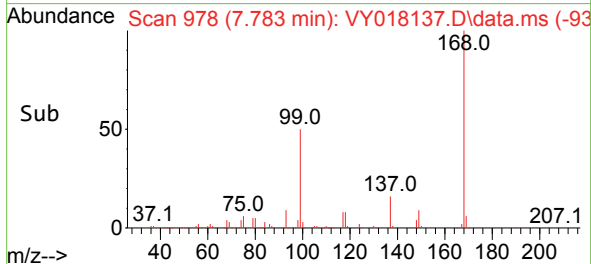
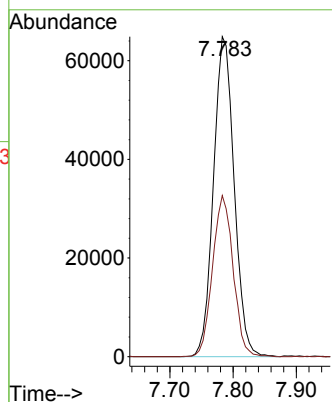
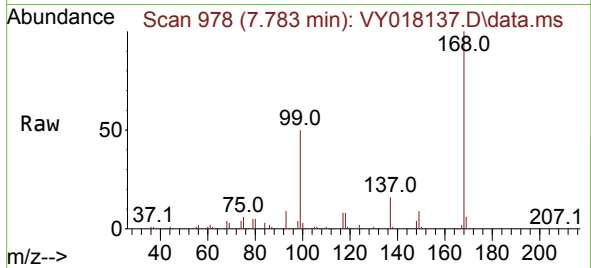




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

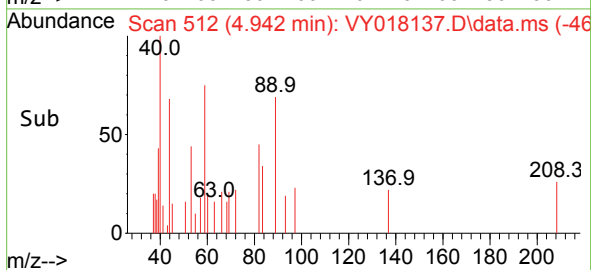
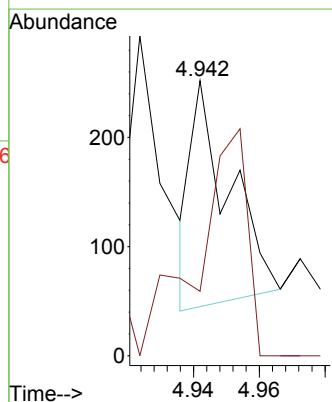
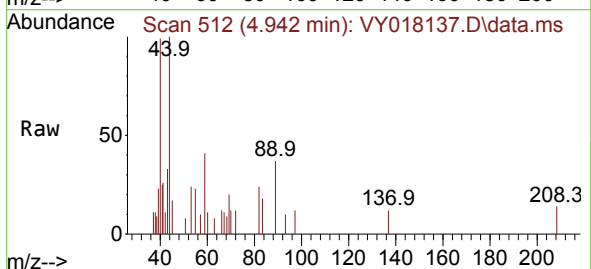
Instrument :
MSVOA_Y
ClientSampleId :

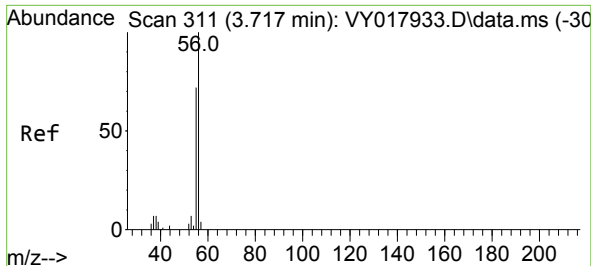
Tgt Ion:168 Resp: 147115
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.746 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 147.9 3.0 4.6#





#13

Acrolein

Concen: 3.178 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.012 min

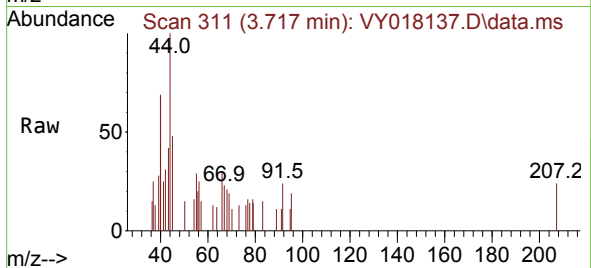
Lab File: VY018137.D

Acq: 03 May 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

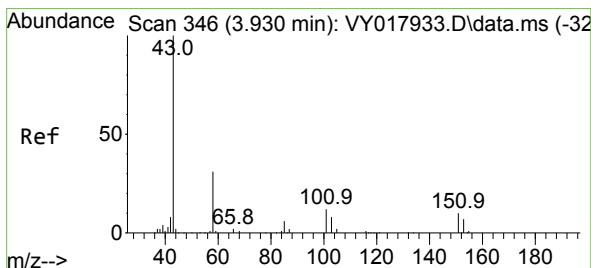
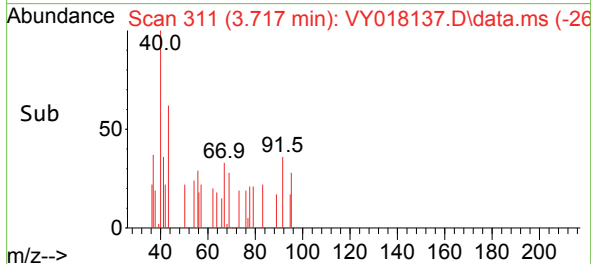
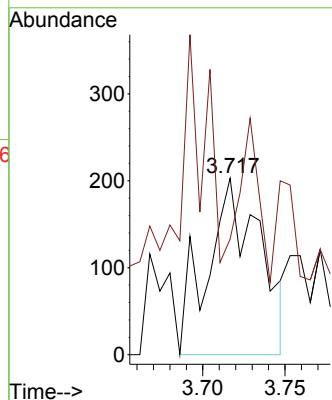


Tgt Ion: 56 Resp: 447

Ion Ratio Lower Upper

56 100

55 32.4 55.7 83.5#



#16

Acetone

Concen: 38.160 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY018137.D

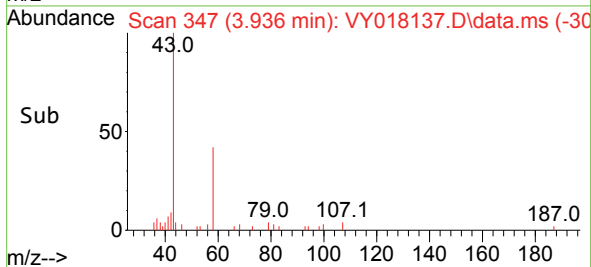
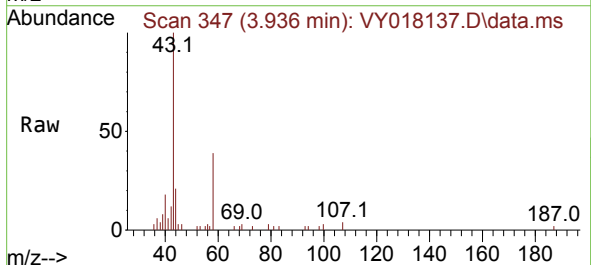
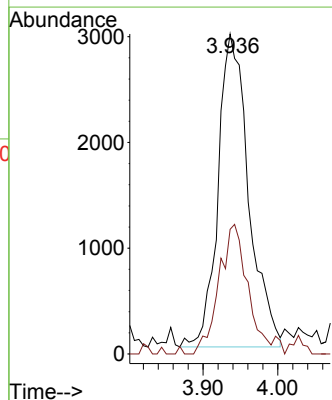
Acq: 03 May 2024 12:58

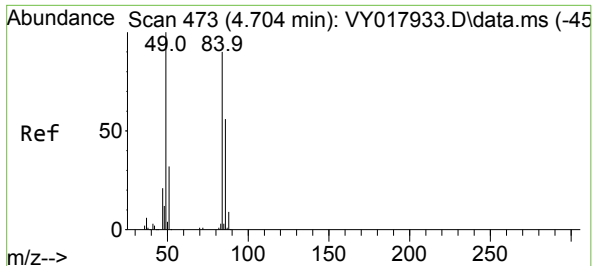
Tgt Ion: 43 Resp: 8430

Ion Ratio Lower Upper

43 100

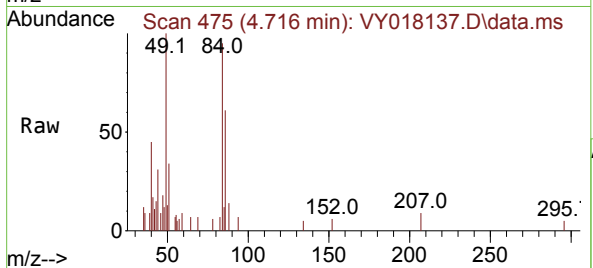
58 37.4 31.7 47.5



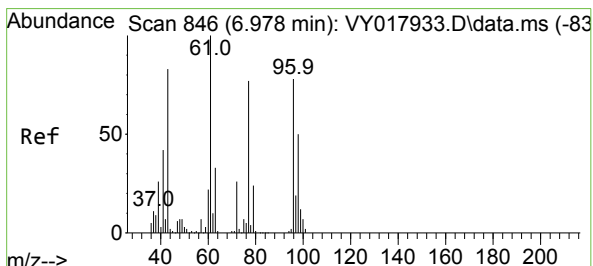
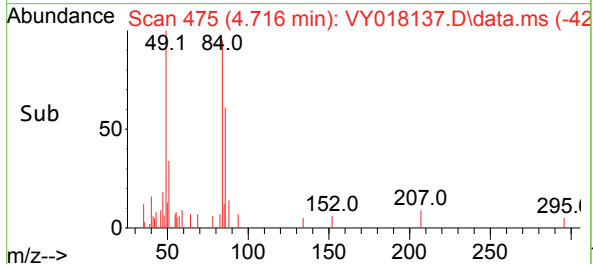
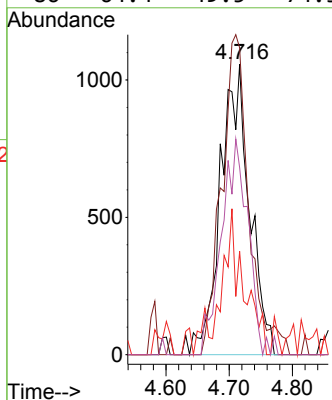


#20
Methylene Chloride
Concen: 2.197 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :

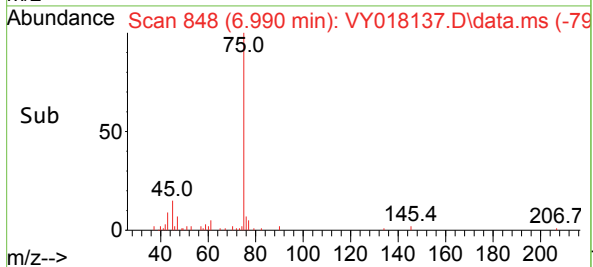
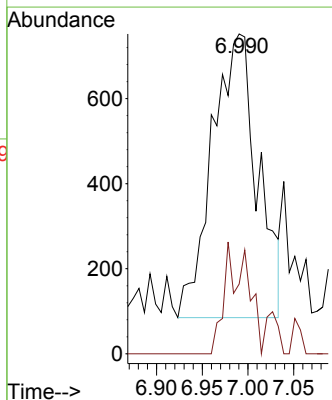
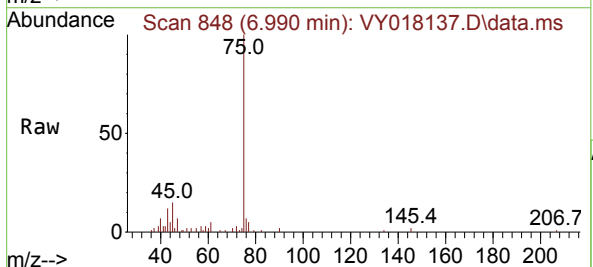


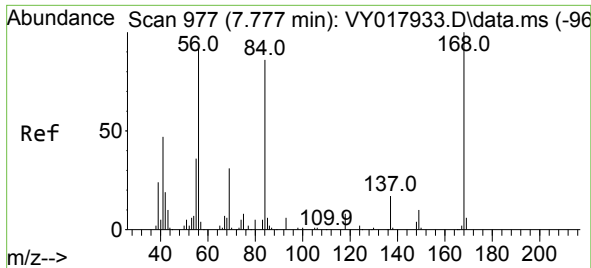
Tgt Ion: 84	Resp: 3401
Ion Ratio	Lower Upper
84 100	
49 105.7	84.4 126.6
51 35.6	26.0 39.0
86 64.4	49.5 74.3



#25
2-Butanone
Concen: 6.710 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 43	Resp: 2306		
Ion Ratio	Lower	Upper	
43 100			
72 24.6	27.3	40.9#	

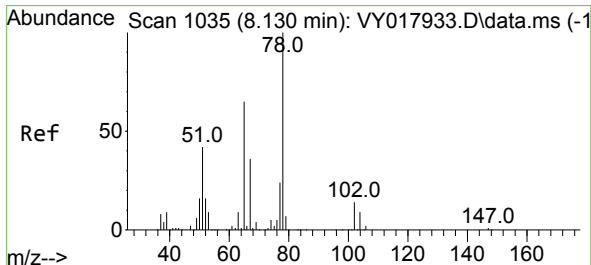
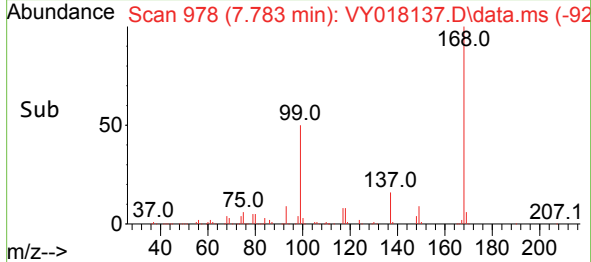
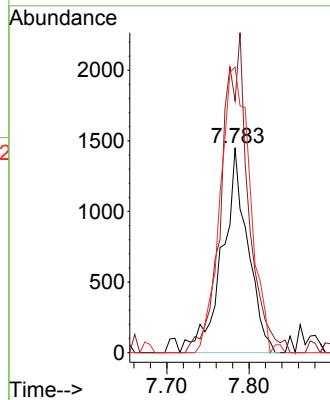
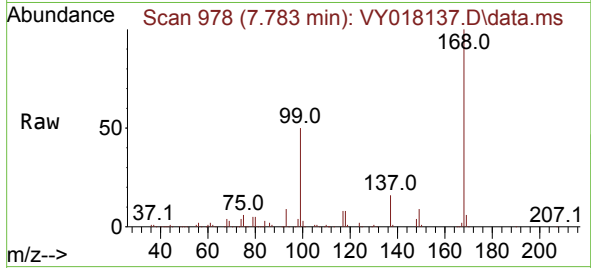




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

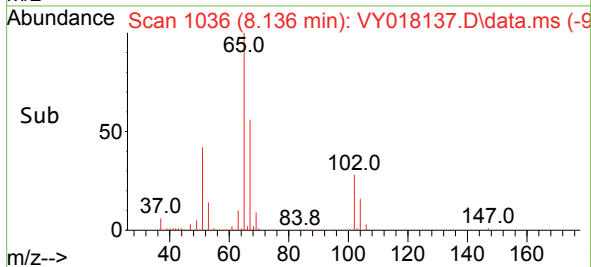
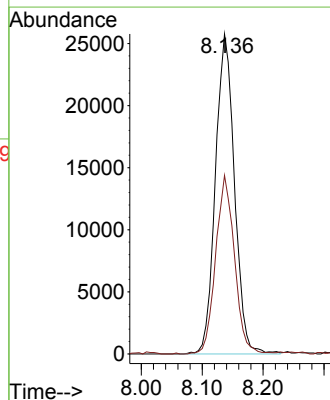
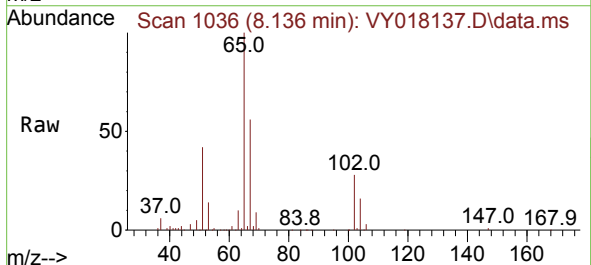
Instrument :
MSVOA_Y
ClientSampleId :

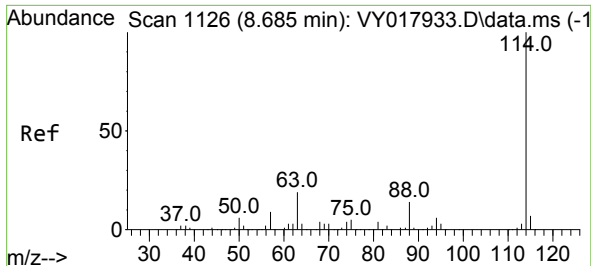
Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 122.9 28.7 43.1#
84 139.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.332 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 65 Resp: 56047
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018137.D

Acq: 03 May 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

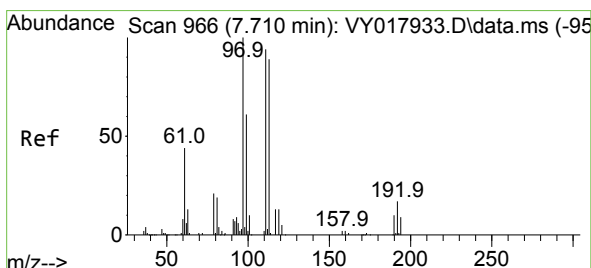
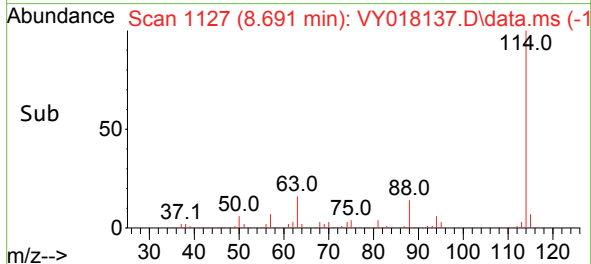
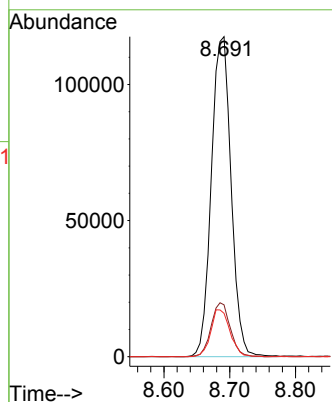
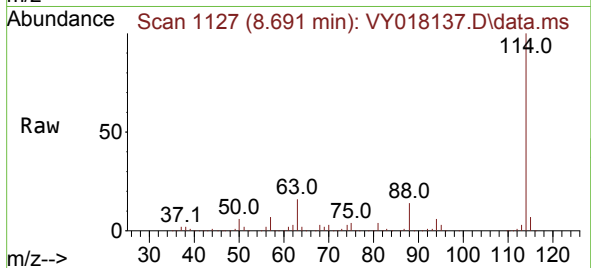
Tgt Ion:114 Resp: 245629

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018137.D

Acq: 03 May 2024 12:58

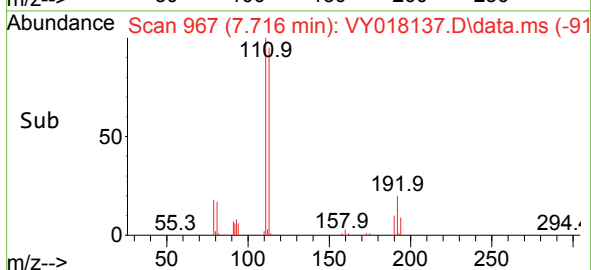
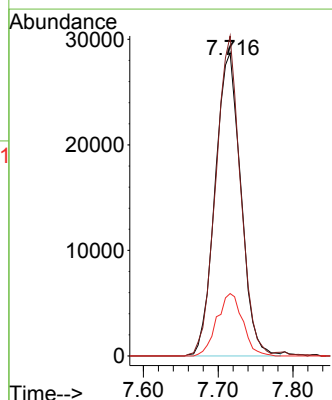
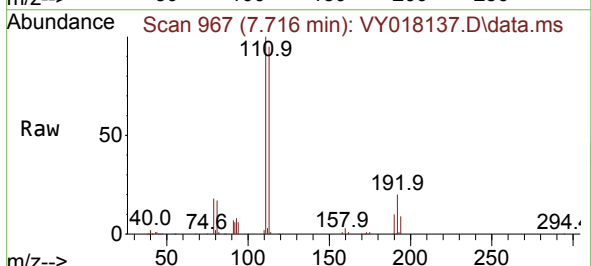
Tgt Ion:113 Resp: 68789

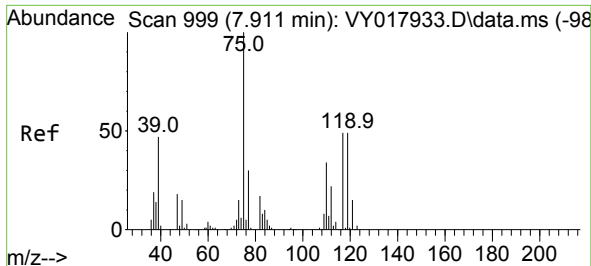
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

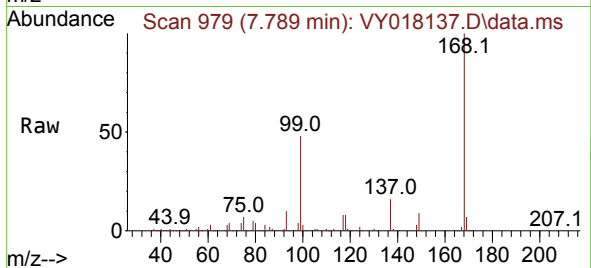
192 20.7 15.9 23.9



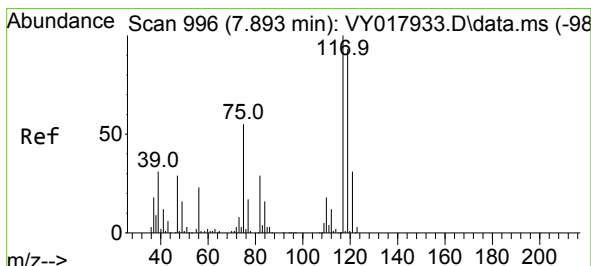
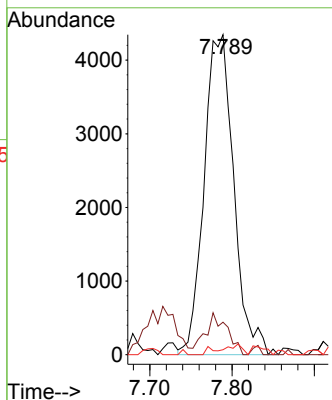
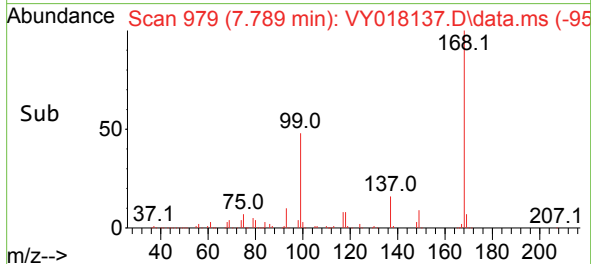


#36
 1,1-Dichloropropene
 Concen: 5.773 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018137.D
 Acq: 03 May 2024 12:58

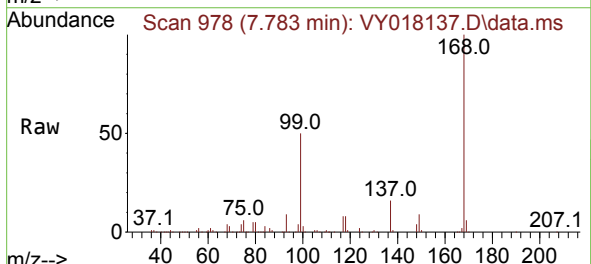
Instrument :
 MSVOA_Y
 ClientSampleId :



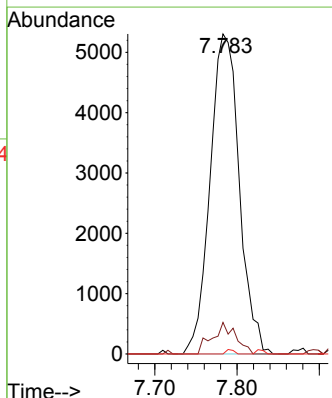
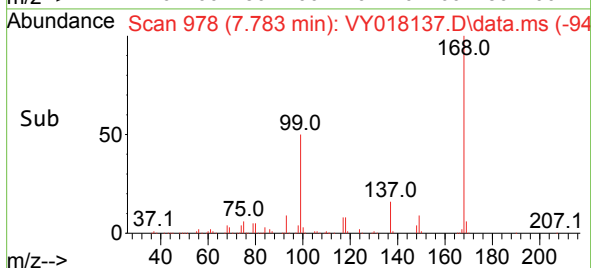
Tgt Ion: 75 Resp: 10877
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 1.6 25.3 37.9#

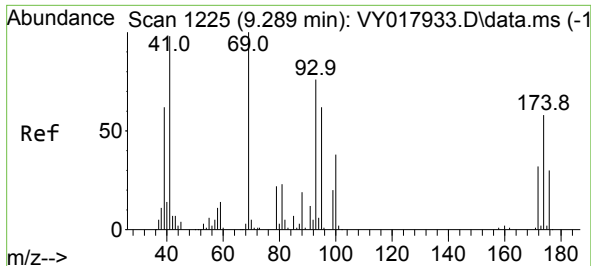


#38
 Carbon Tetrachloride
 Concen: 6.127 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.122 min
 Lab File: VY018137.D
 Acq: 03 May 2024 12:58



Tgt Ion: 117 Resp: 13104
 Ion Ratio Lower Upper
 117 100
 119 9.8 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.367 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.085 min

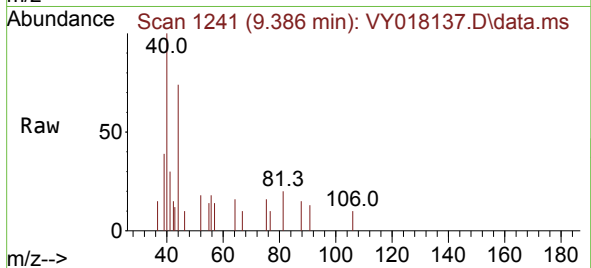
Lab File: VY018137.D

Acq: 03 May 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :



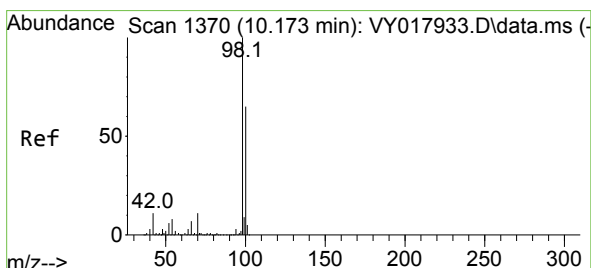
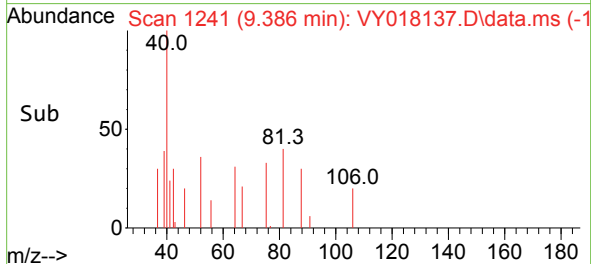
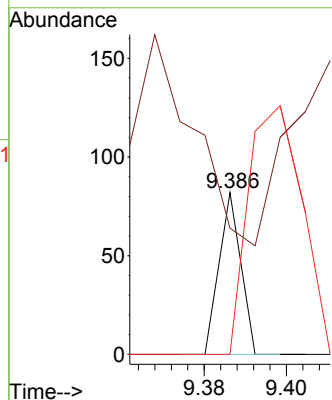
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 380.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.135 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018137.D

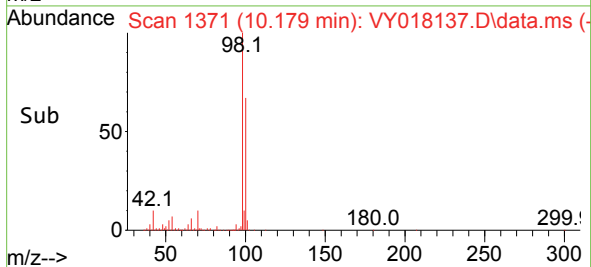
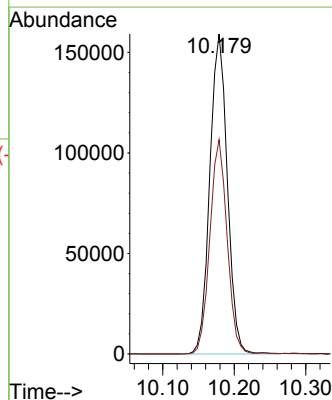
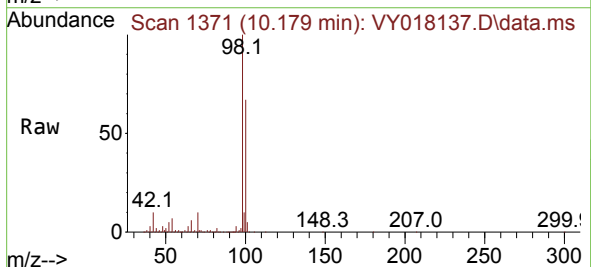
Acq: 03 May 2024 12:58

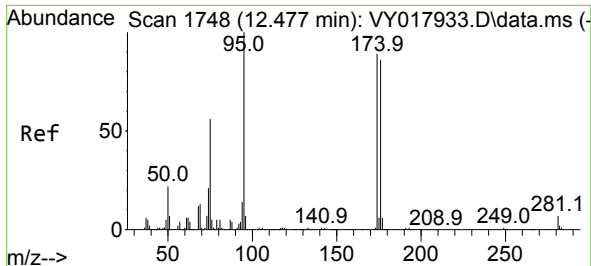
Tgt Ion: 98 Resp: 270762

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

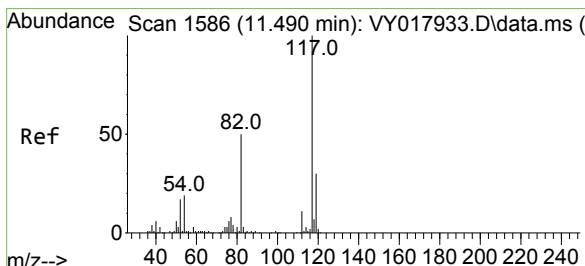
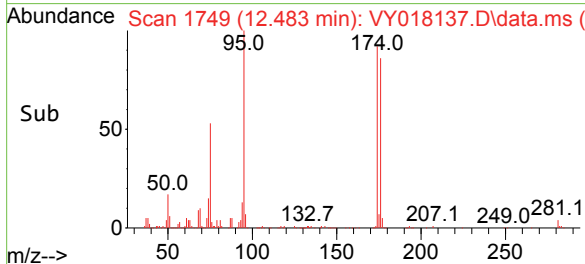
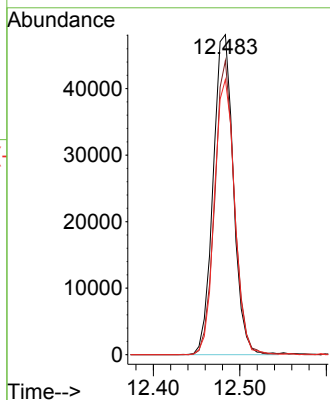
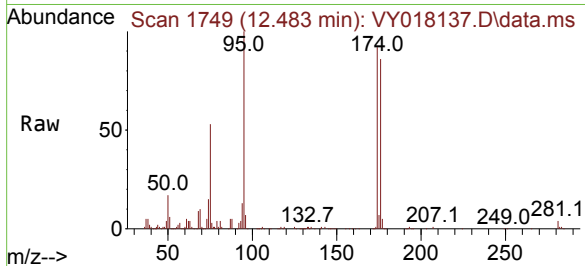




#62
4-Bromofluorobenzene
Concen: 41.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

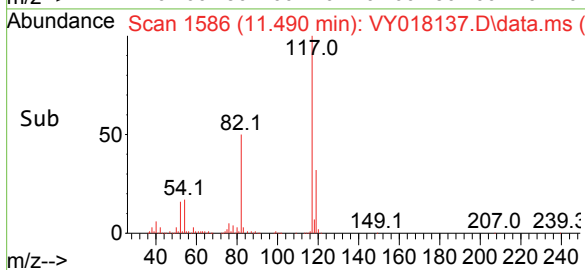
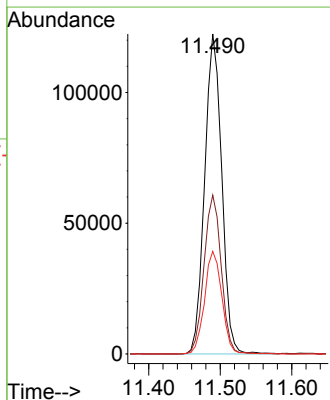
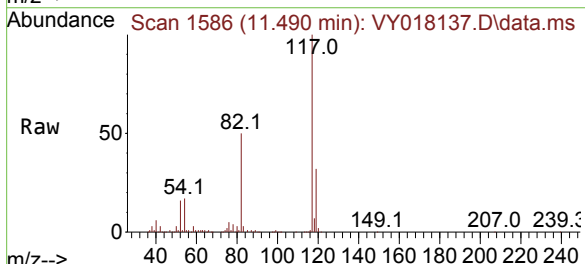
Instrument :
MSVOA_Y
ClientSampleId :

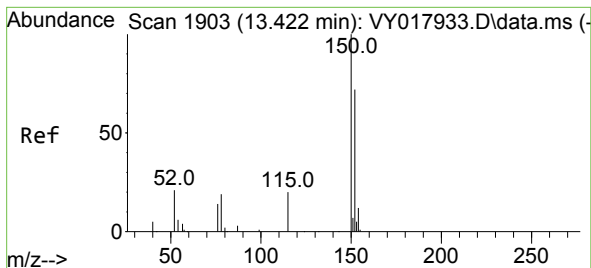
Tgt Ion: 95 Resp: 78262
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.6
176 86.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 117 Resp: 202969
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.0 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

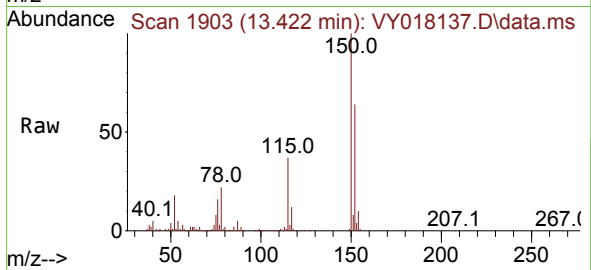
Lab File: VY018137.D

Acq: 03 May 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :



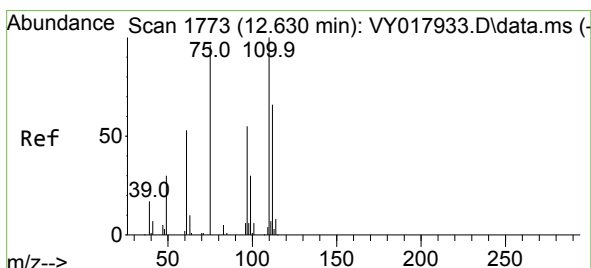
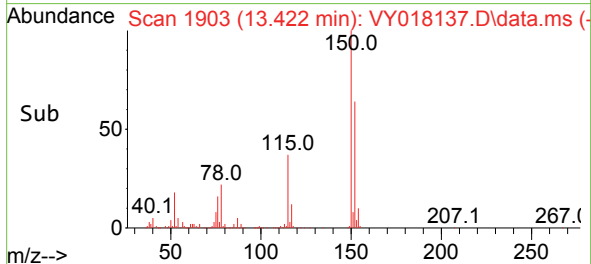
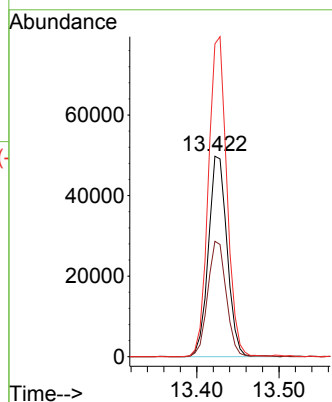
Tgt Ion:152 Resp: 78613

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.883 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018137.D

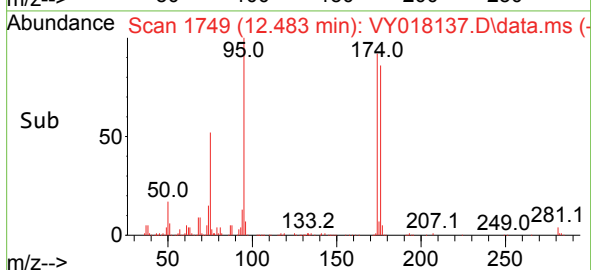
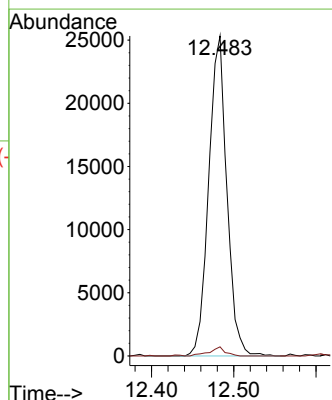
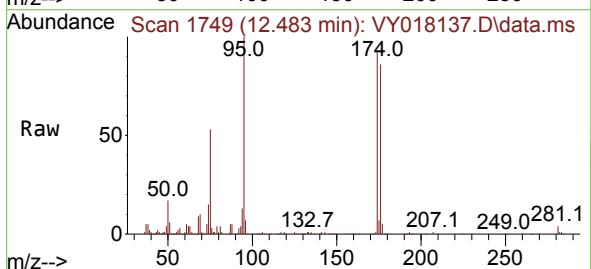
Acq: 03 May 2024 12:58

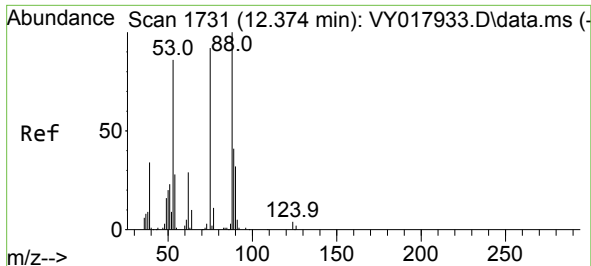
Tgt Ion: 75 Resp: 38849

Ion Ratio Lower Upper

75 100

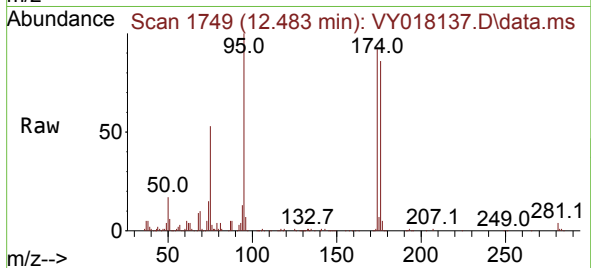
77 2.4 0.0 0.0#



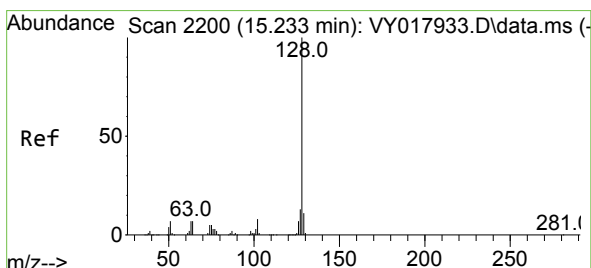
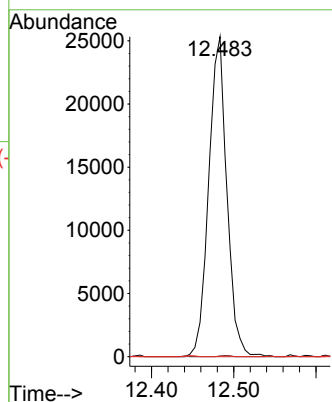
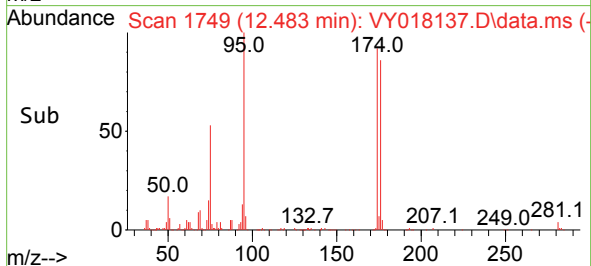


#81
trans-1,4-Dichloro-2-butene
Concen: 107.272 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

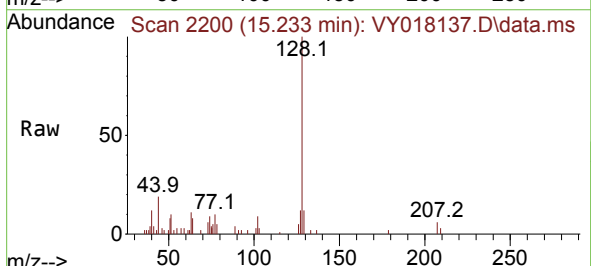
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 38849
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 2.719 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58



Tgt Ion: 128 Resp: 6555
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 12.2 8.6 13.0

