

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018234.D
 Acq On : 10 May 2024 15:20
 Operator : SY/MD
 Sample : P2437-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:02:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

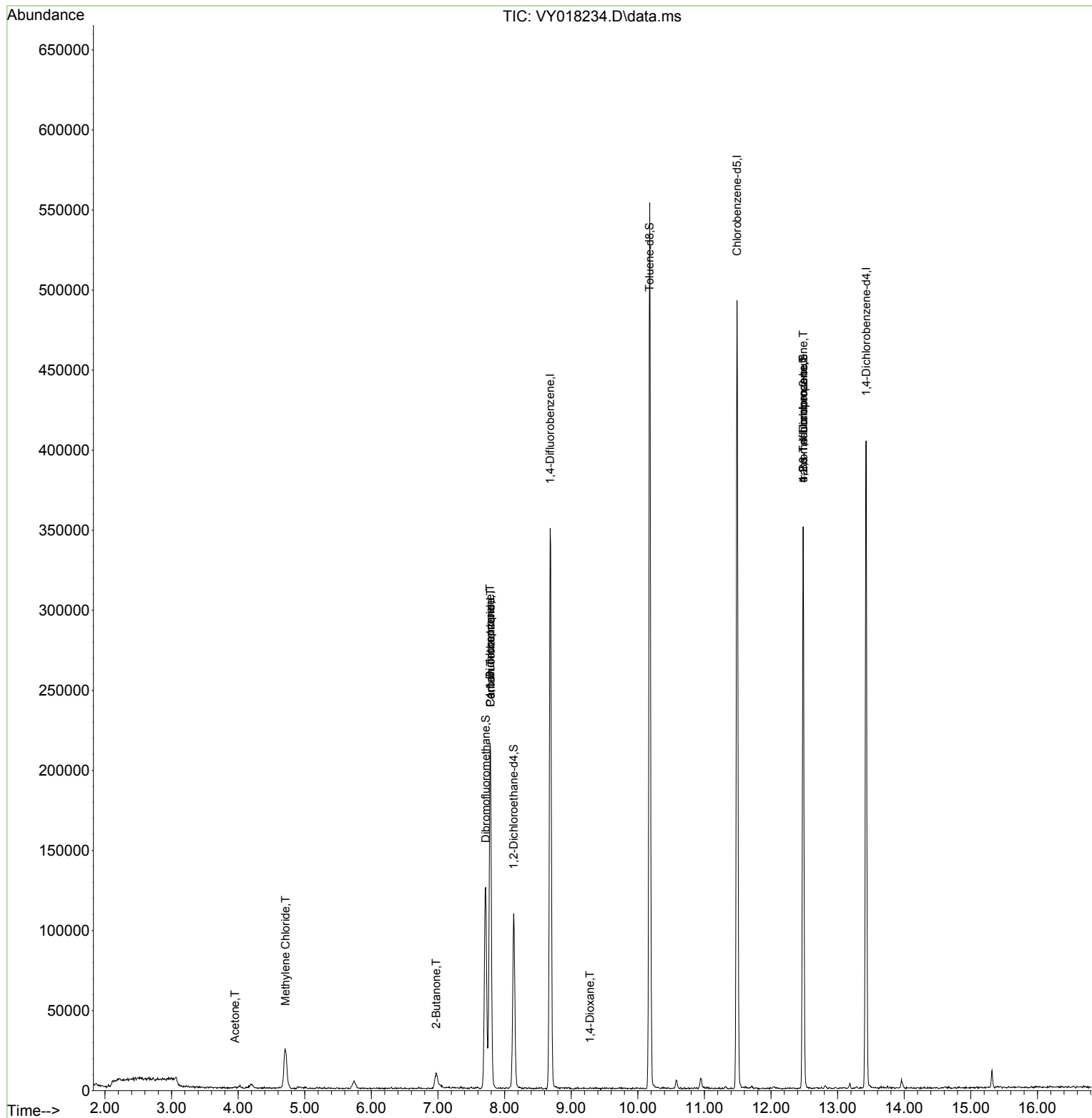
Internal Standards						
1) Pentafluorobenzene	7.789	168	171776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77873	61.623	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.240%		
35) Dibromofluoromethane	7.715	113	91836	54.290	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.580%		
50) Toluene-d8	10.178	98	365539	54.838	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 109.680%		
62) 4-Bromofluorobenzene	12.483	95	108224	50.274	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 100.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	906	Below Cal	#	72
13) Acrolein	3.722	56	150	Below Cal	#	69
16) Acetone	3.954	43	1449	5.746	ug/l #	75
20) Methylene Chloride	4.710	84	20432	11.463	ug/l	98
25) 2-Butanone	6.972	43	872	2.163	ug/l #	84
31) Cyclohexane	7.783	56	3673	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	12639	5.212	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16916	6.384	ug/l #	18
49) 1,4-Dioxane	9.282	88	22	1.691	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	53423	63.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53423	122.965	ug/l #	16

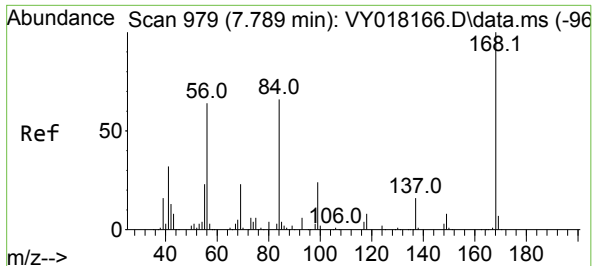
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
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ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
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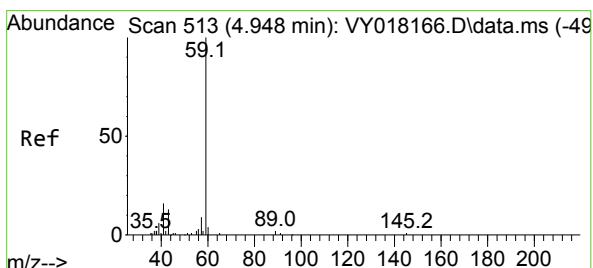
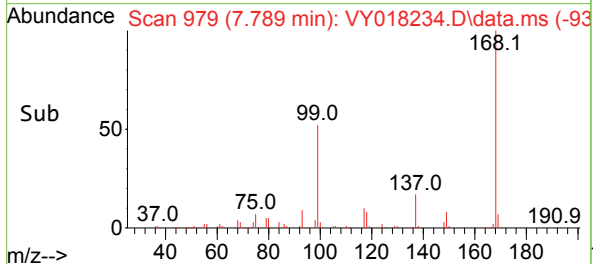
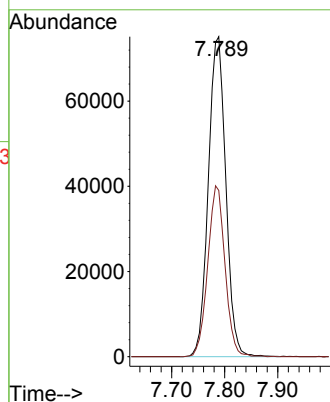
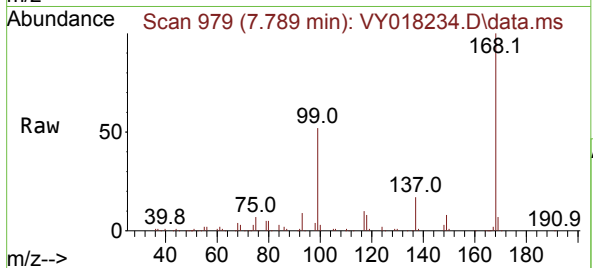




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

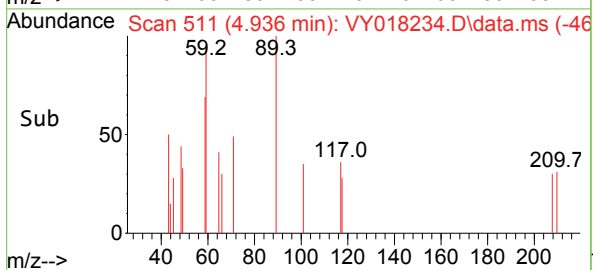
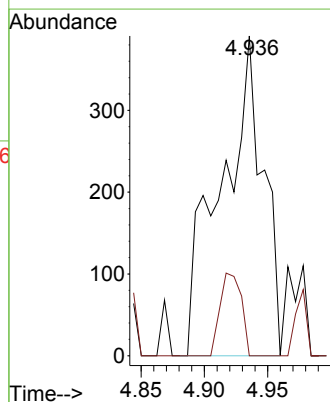
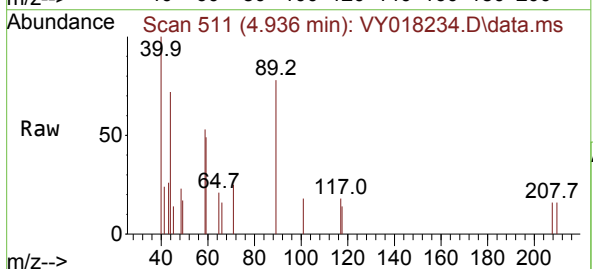
Instrument :
MSVOA_Y
ClientSampleId :

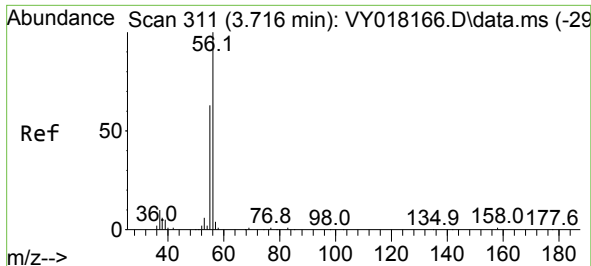
Tgt Ion:168 Resp: 171776
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 12.9 3.0 4.6#

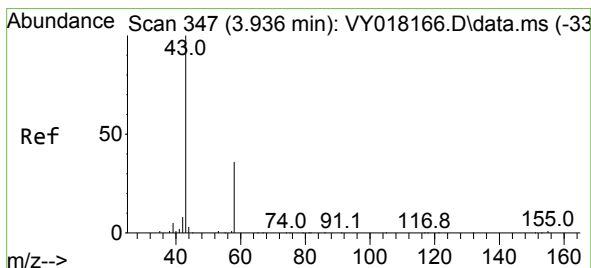
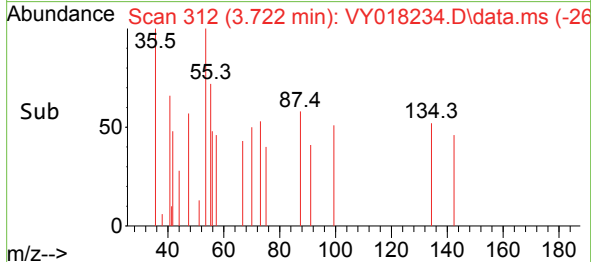
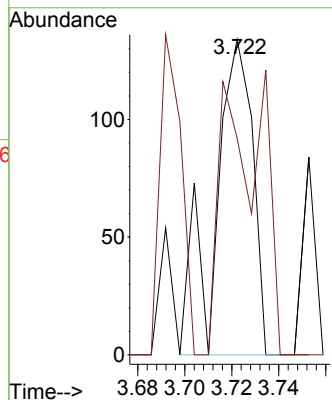
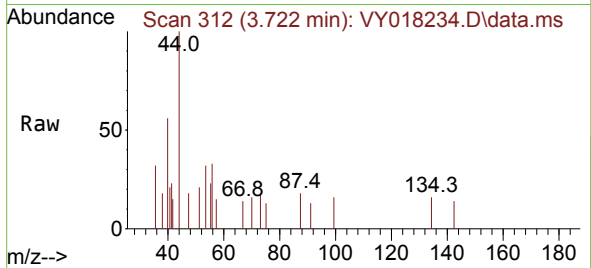




#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

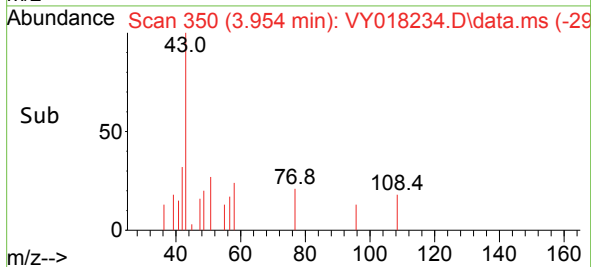
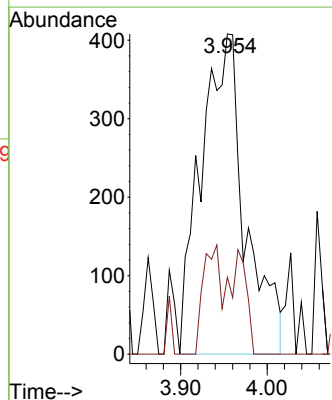
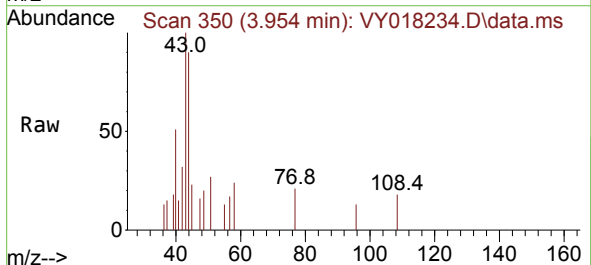
Instrument :
MSVOA_Y
ClientSampleId :

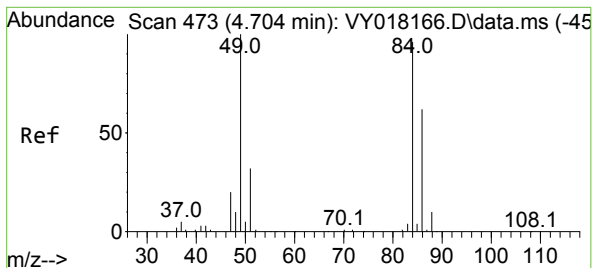
Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 94.7 55.7 83.5#



#16
Acetone
Concen: 5.746 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 24.0 31.7 47.5#





#20

Methylene Chloride

Concen: 11.463 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 20432

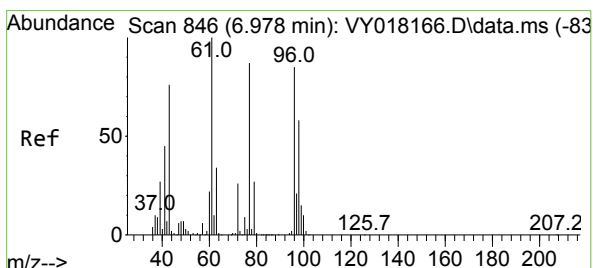
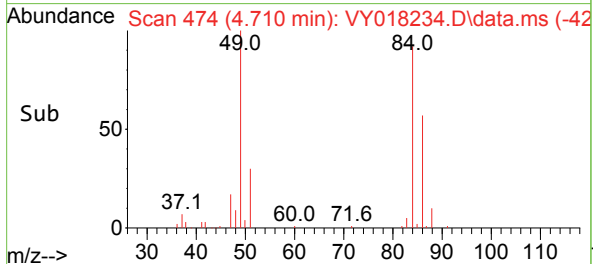
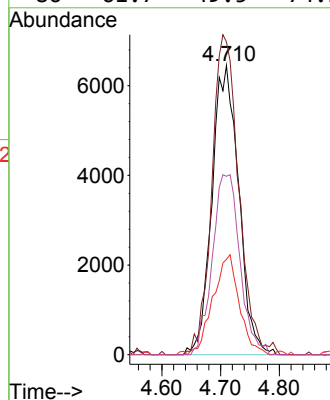
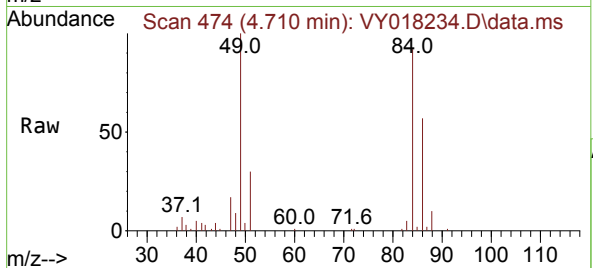
Ion Ratio Lower Upper

84 100

49 108.2 84.4 126.6

51 32.0 26.0 39.0

86 61.7 49.5 74.3



#25

2-Butanone

Concen: 2.163 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018234.D

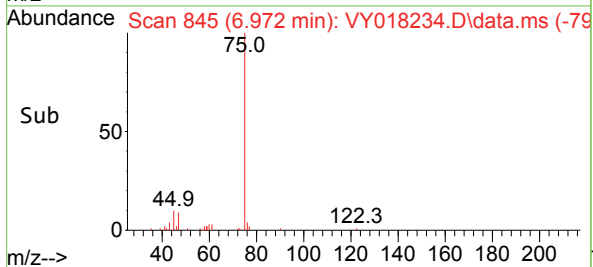
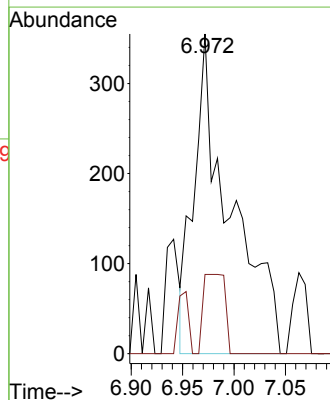
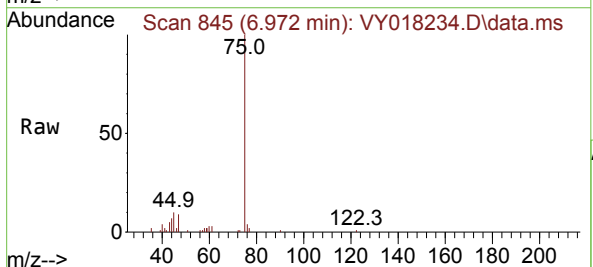
Acq: 10 May 2024 15:20

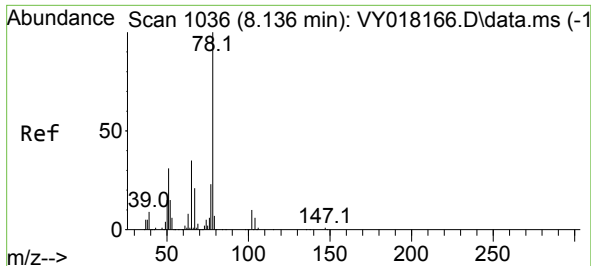
Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

72 24.8 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 61.623 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

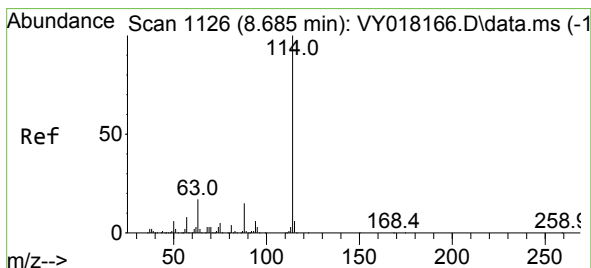
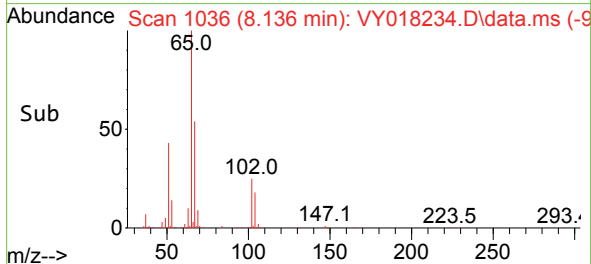
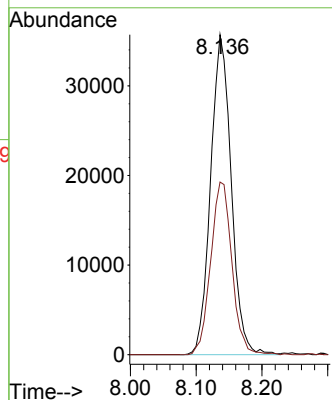
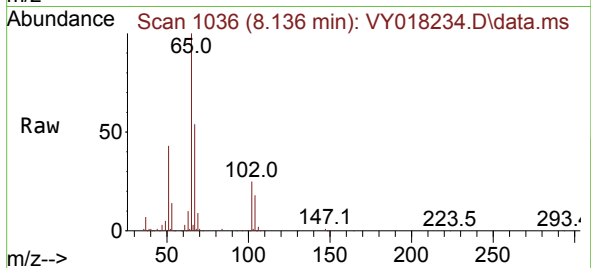
ClientSampleId :

Tgt Ion: 65 Resp: 77873

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

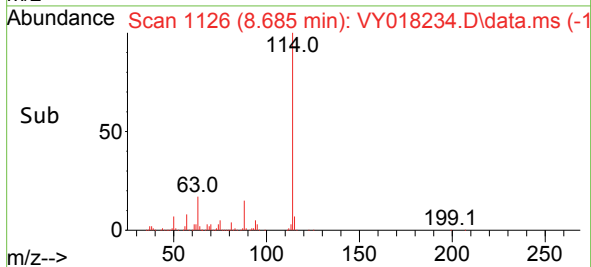
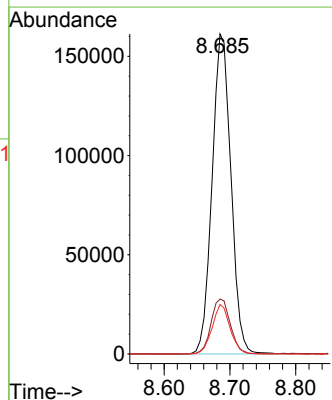
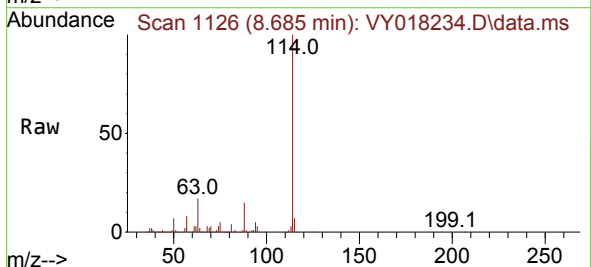
Tgt Ion: 114 Resp: 321869

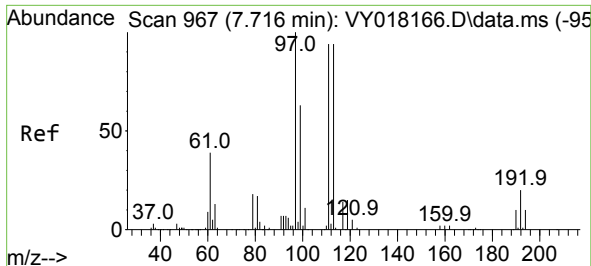
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.290 ug/l

RT: 7.715 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

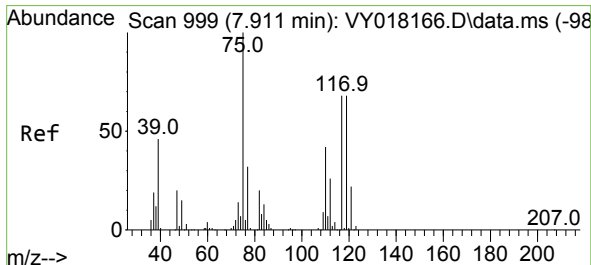
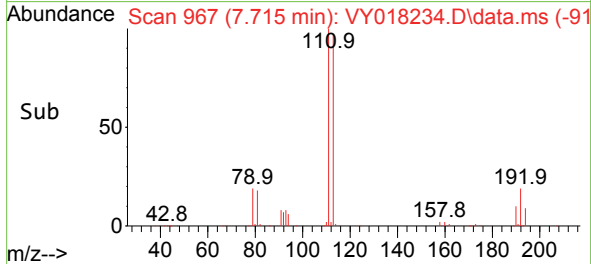
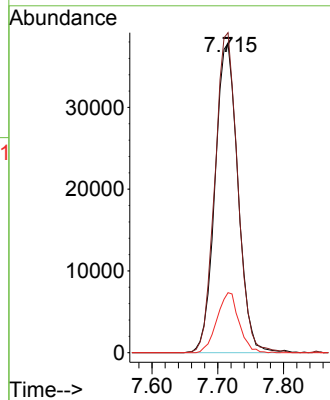
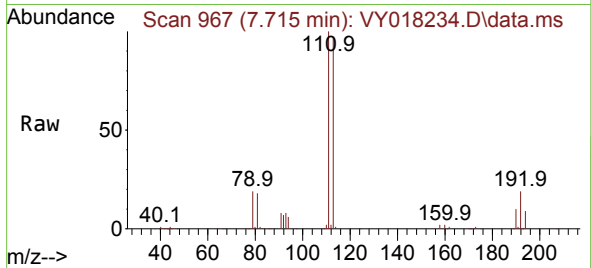
Tgt Ion:113 Resp: 91836

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.212 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

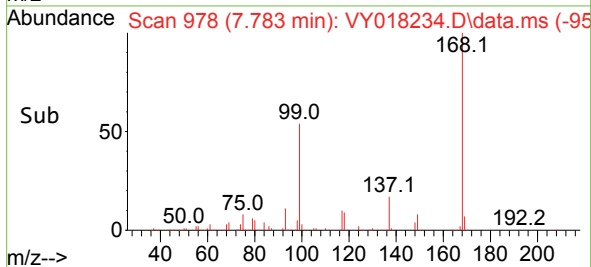
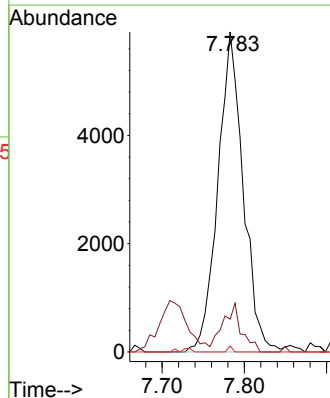
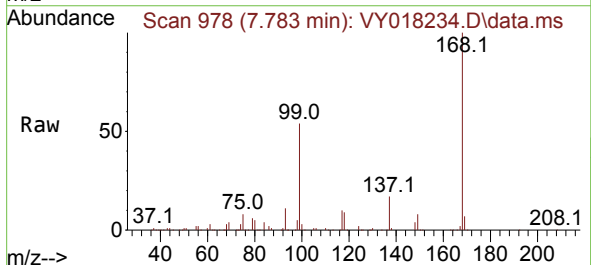
Tgt Ion: 75 Resp: 12639

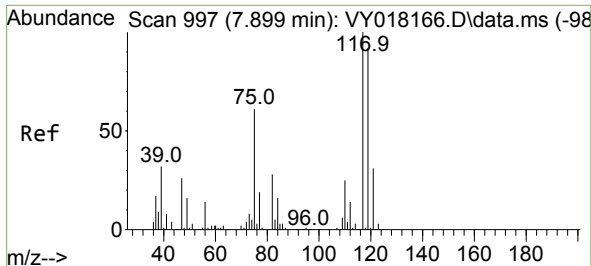
Ion Ratio Lower Upper

75 100

110 11.3 19.0 57.0#

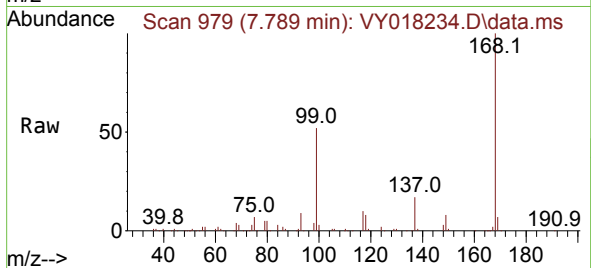
77 0.3 25.3 37.9#



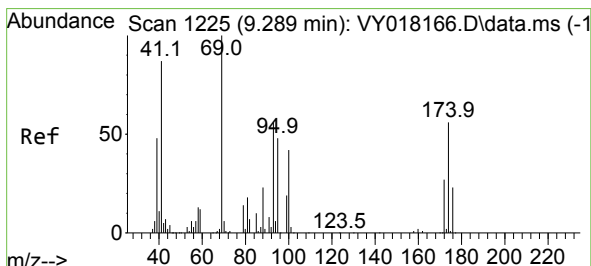
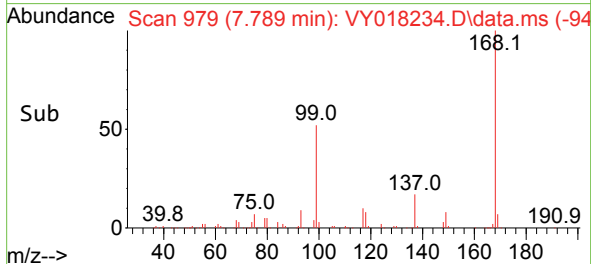
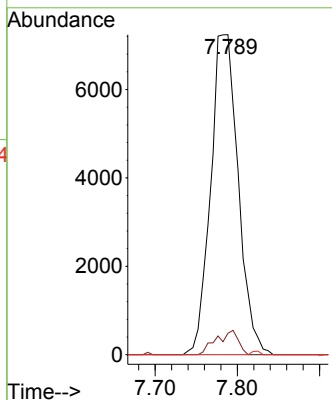


#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

Instrument :
MSVOA_Y
ClientSampleId :

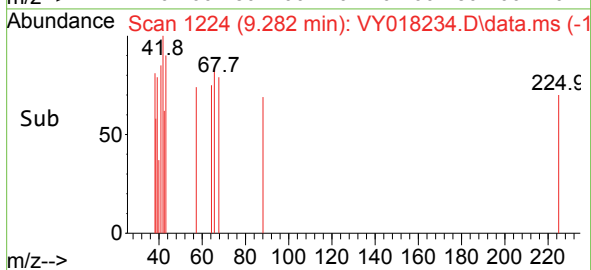
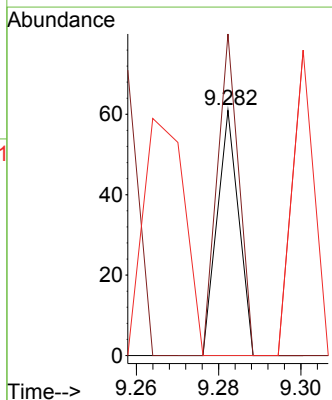
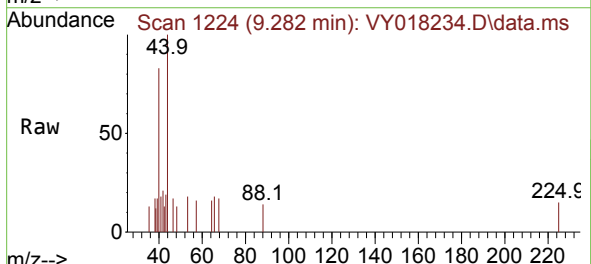


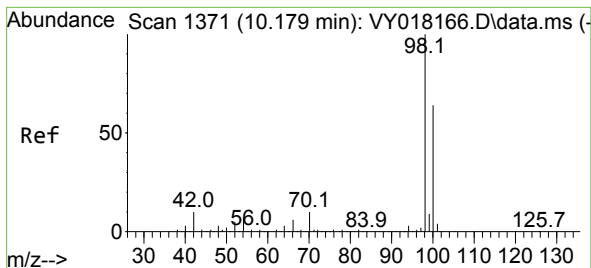
Tgt Ion:117 Resp: 16916
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.691 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018234.D
Acq: 10 May 2024 15:20

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 131.8 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.838 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

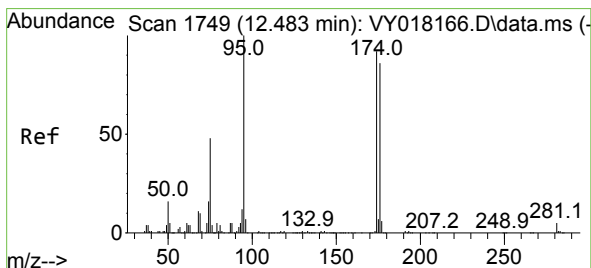
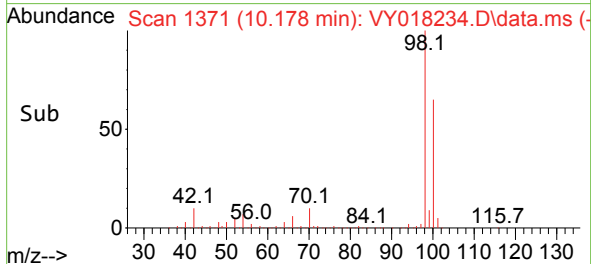
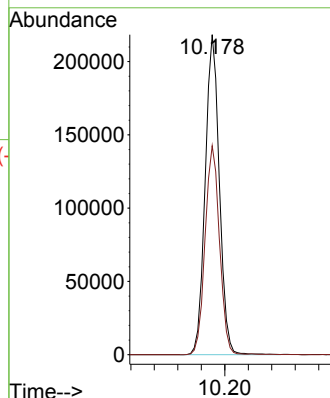
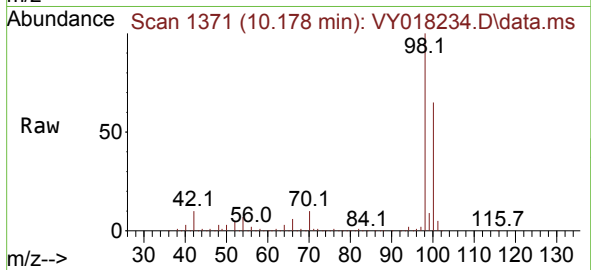
ClientSampleId :

Tgt Ion: 98 Resp: 365539

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.274 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

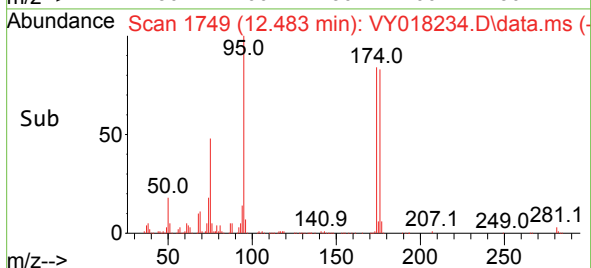
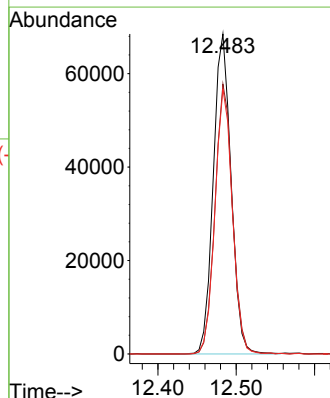
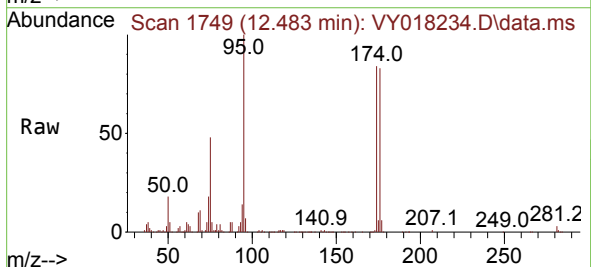
Tgt Ion: 95 Resp: 108224

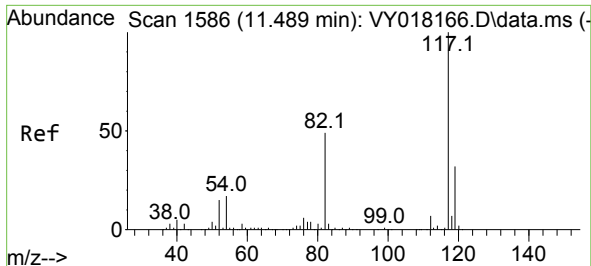
Ion Ratio Lower Upper

95 100

174 83.1 0.0 175.6

176 81.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018234.D

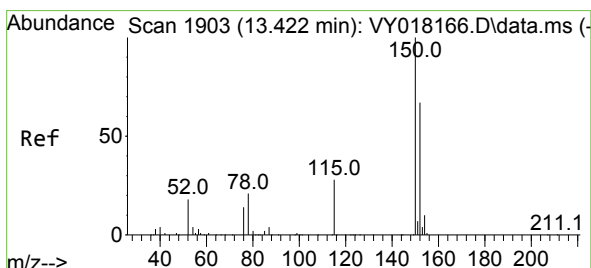
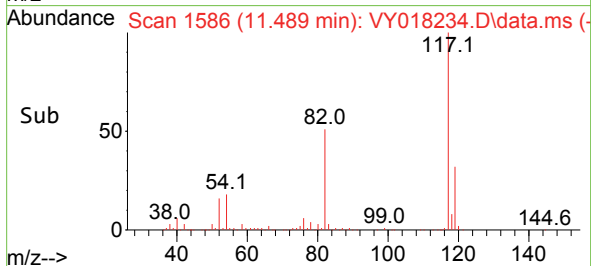
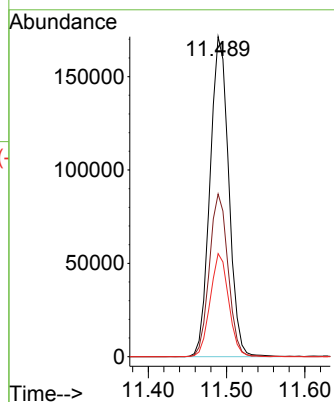
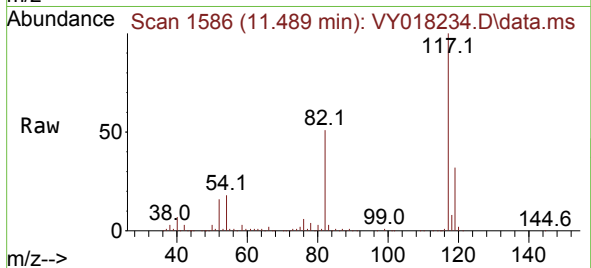
Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	284335
Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	32.2	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

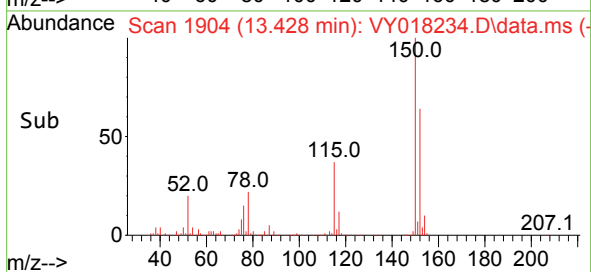
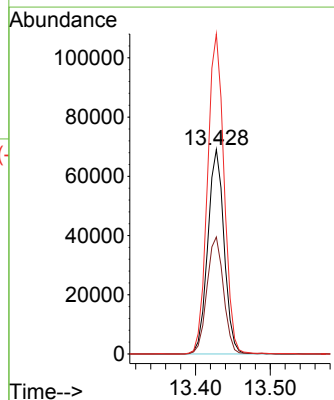
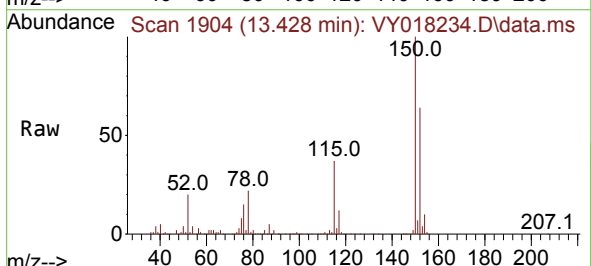
RT: 13.428 min Scan# 1904

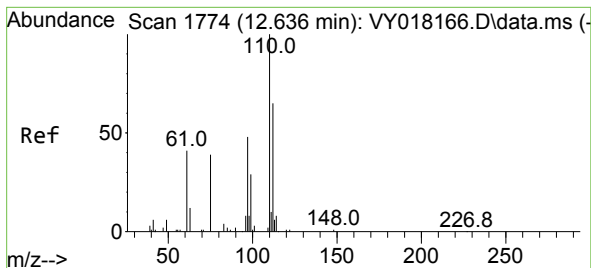
Delta R.T. 0.006 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Tgt Ion:	152	Resp:	104575
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	158.9	0.0	345.6





#76

1,2,3-Trichloropropane

Concen: 63.823 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

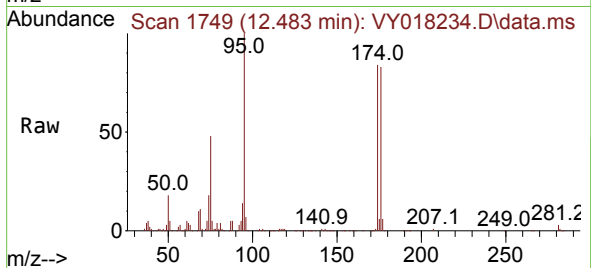
Lab File: VY018234.D

Acq: 10 May 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

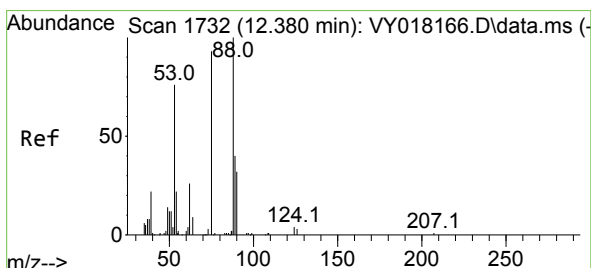
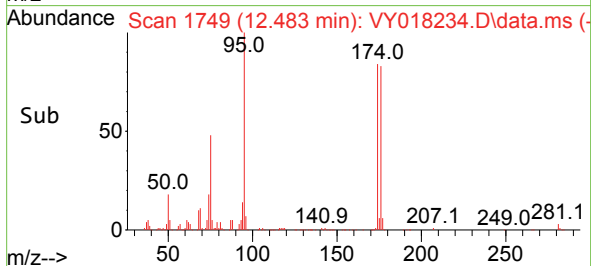
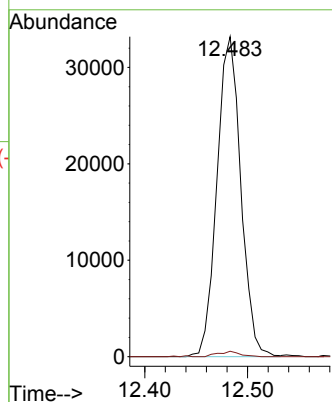


Tgt Ion: 75 Resp: 53423

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.965 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY018234.D

Acq: 10 May 2024 15:20

Tgt Ion: 75 Resp: 53423

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

