

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018334.D
 Acq On : 20 May 2024 14:51
 Operator : SY/MD
 Sample : P2511-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 510-D

Quant Time: May 21 01:25:22 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	7.783	168	43345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	73931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	49394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	17461	54.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.710	113	19084	49.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.179	98	77576	50.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.477	95	17902	36.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	488	1.061	ug/l	96
11) Tert butyl alcohol	4.948	59	935	22.592	ug/l #	89
13) Acrolein	3.686	56	45	Below Cal	#	1
16) Acetone	3.936	43	97740	1535.952	ug/l	92
17) Carbon Disulfide	4.186	76	4452	3.901	ug/l	96
18) Methyl Acetate	4.448	43	243	1.341	ug/l #	46
20) Methylene Chloride	4.704	84	3408	7.577	ug/l	86
25) 2-Butanone	6.990	43	7601	74.725	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	882	1.399	ug/l #	51
29) Tetrahydrofuran	7.313	42	133	1.981	ug/l #	48
30) Chloroform	7.496	83	956	1.314	ug/l #	32
31) Cyclohexane	7.758	56	18306	28.587	ug/l #	45
37) Ethyl Acetate	6.990	43	7601	32.423	ug/l #	77
38) Carbon Tetrachloride	7.783	117	4584	7.532	ug/l #	13
39) Methylcyclohexane	9.179	83	7952	9.896	ug/l	90
40) Benzene	8.155	78	1941	1.083	ug/l	99
41) Methacrylonitrile	7.295	41	244	1.802	ug/l #	36
43) Isopropyl Acetate	8.264	43	10105	21.029	ug/l #	48
48) Methyl methacrylate	9.240	41	1740	7.901	ug/l #	17
49) 1,4-Dioxane	9.325	88	22	7.360	ug/l #	20
51) 4-Methyl-2-Pentanone	10.063	43	5117	21.187	ug/l	88
52) Toluene	10.240	92	218906	189.787	ug/l	100
53) t-1,3-Dichloropropene	10.240	75	2704	5.200	ug/l #	1
59) 2-Hexanone	10.837	43	769	4.554	ug/l	85
67) Ethyl Benzene	11.593	91	5318	3.131	ug/l	95
68) m/p-Xylenes	11.697	106	8631	12.849	ug/l	93
69) o-Xylene	12.032	106	2991	4.640	ug/l	84
70) Styrene	12.044	104	1199	1.114	ug/l #	66
73) Isopropylbenzene	12.337	105	4251	3.809	ug/l #	64
74) N-amyl acetate	12.117	43	1780	7.684	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.593	83	199	1.118	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	8919	74.864	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	1355	1.540	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.483	75	8919	144.237	ug/l #	18
83) tert-Butylbenzene	13.123	119	846	1.042	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.117	105	4349	5.045	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

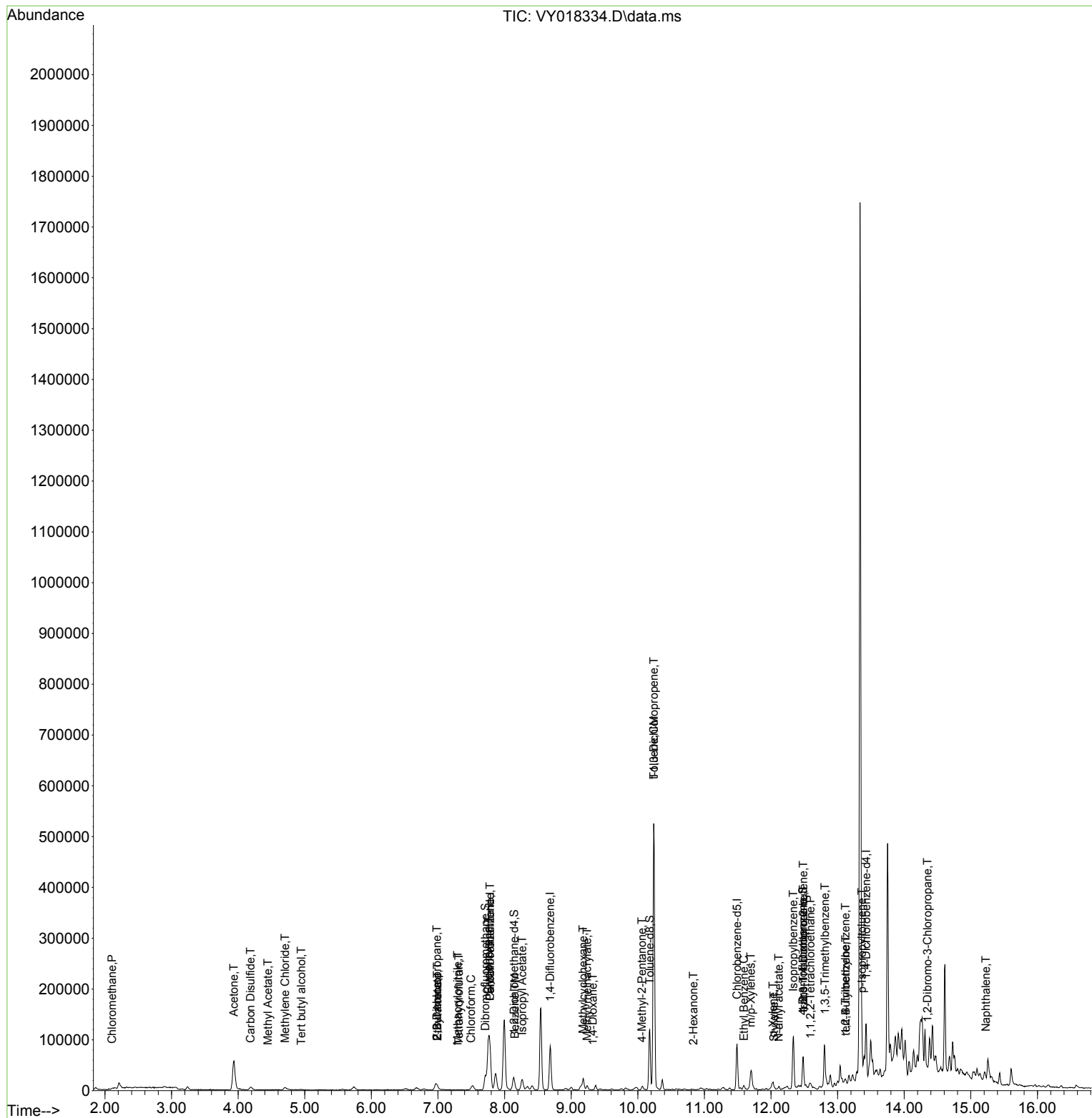
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.367	119	12874	13.145	ug/l #	78
92) 1,2-Dibromo-3-Chloropr...	14.349	75	34	1.403	ug/l #	1
95) Naphthalene	15.227	128	1639	3.739	ug/l #	73

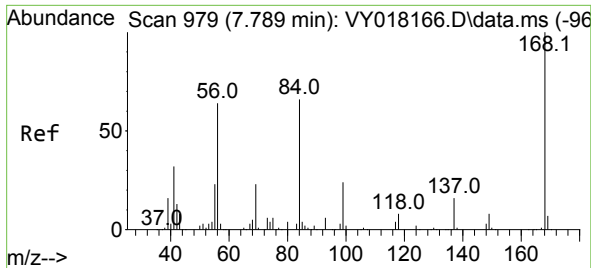
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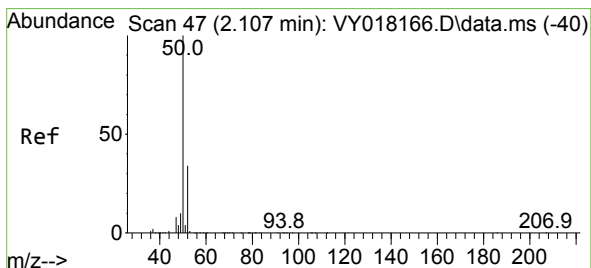
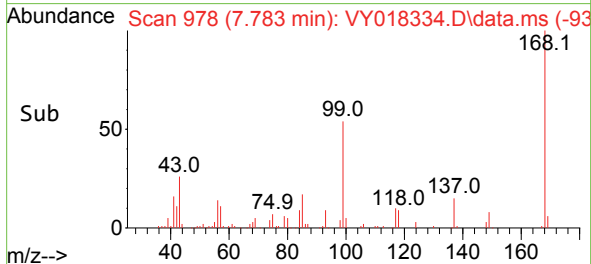
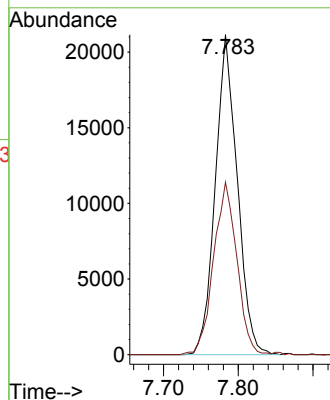
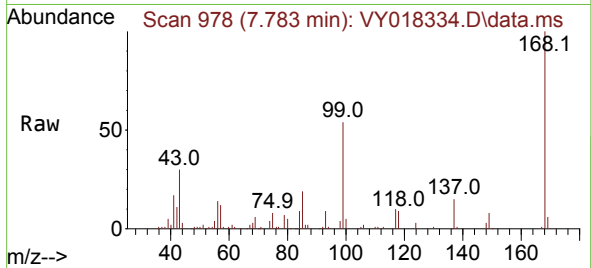




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018334.D
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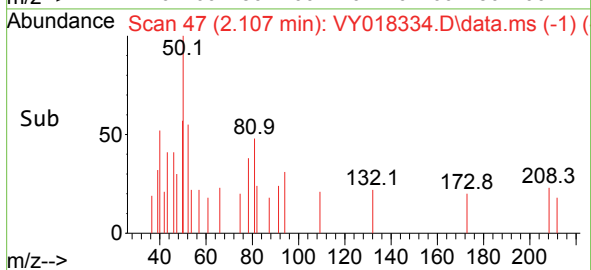
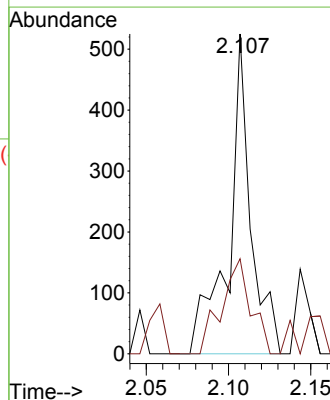
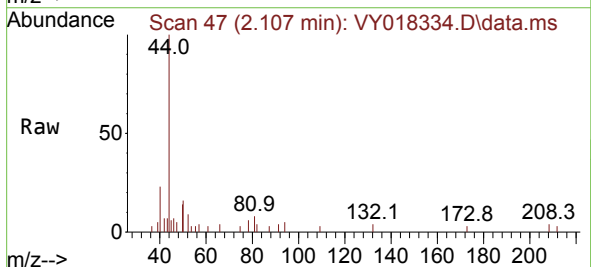
Instrument :
MSVOA_Y
ClientSampleId :
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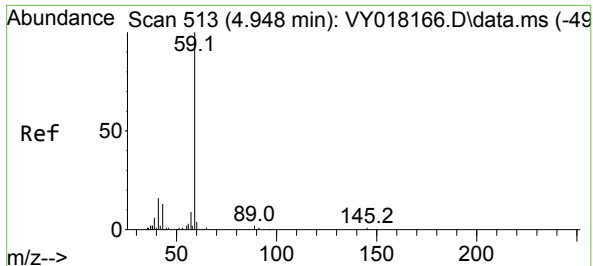
Tgt Ion:168 Resp: 43345
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#3
Chloromethane
Concen: 1.061 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 29.7 25.6 38.4

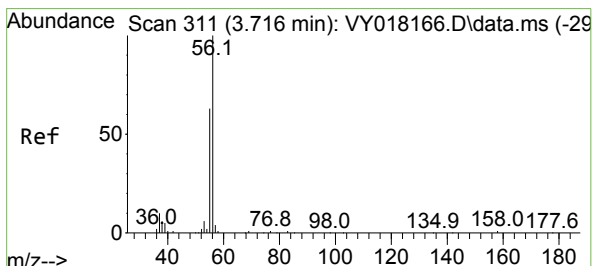
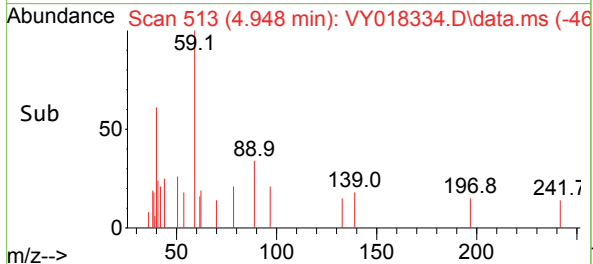
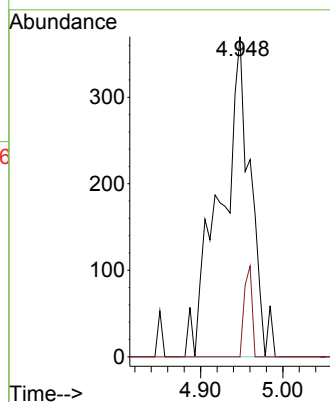
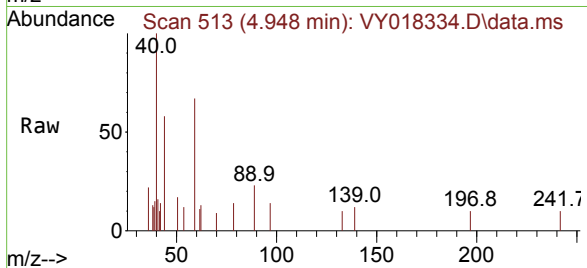




#11
Tert butyl alcohol
Concen: 22.592 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

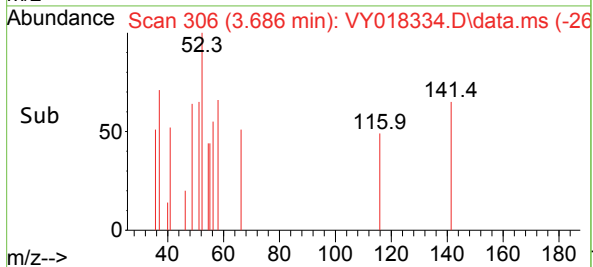
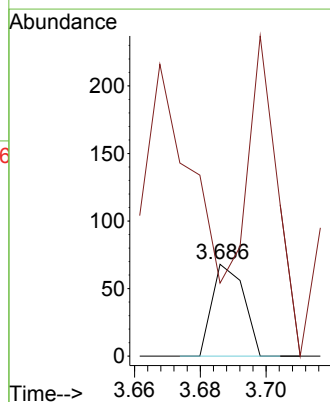
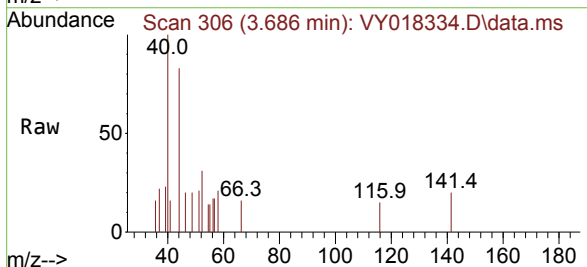
Instrument :
MSVOA_Y
ClientSampleId :
510-D

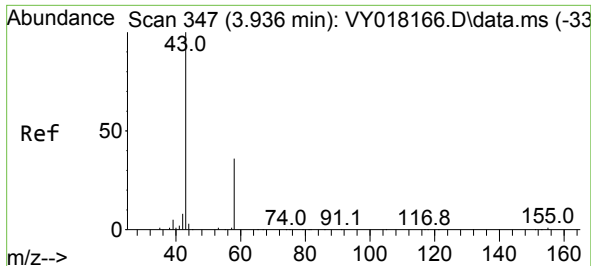
Tgt Ion: 59 Resp: 935
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.030 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 426.7 55.7 83.5#

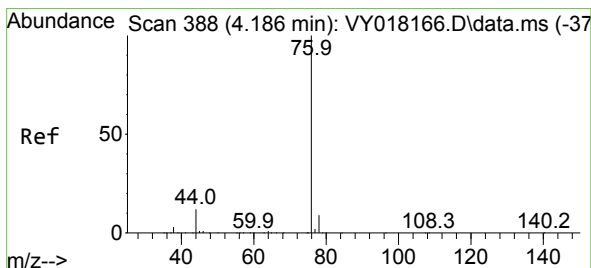
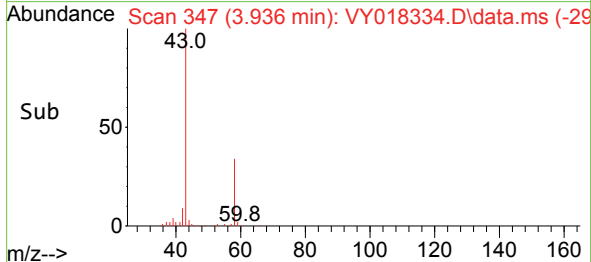
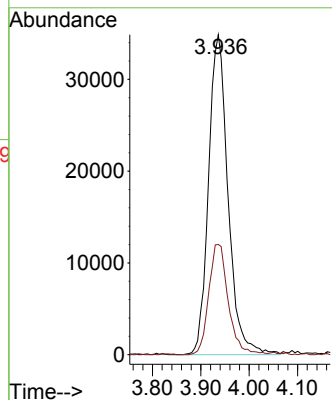
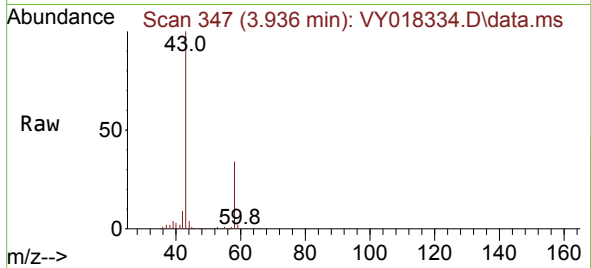




#16
Acetone
Concen: 1535.952 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

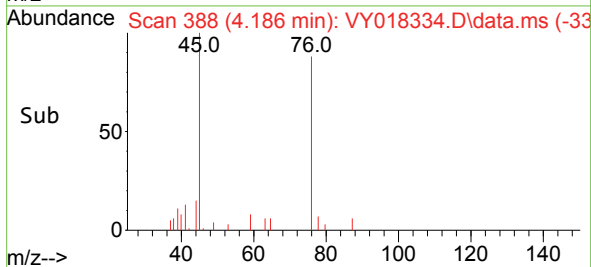
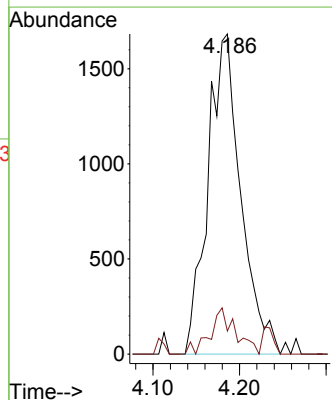
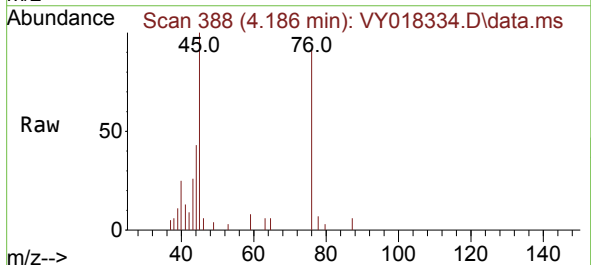
Instrument :
MSVOA_Y
ClientSampleId :
510-D

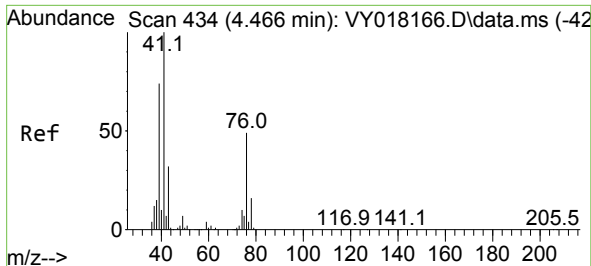
Tgt Ion: 43 Resp: 97740
Ion Ratio Lower Upper
43 100
58 34.5 31.7 47.5



#17
Carbon Disulfide
Concen: 3.901 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 76 Resp: 4452
Ion Ratio Lower Upper
76 100
78 7.2 6.8 10.2

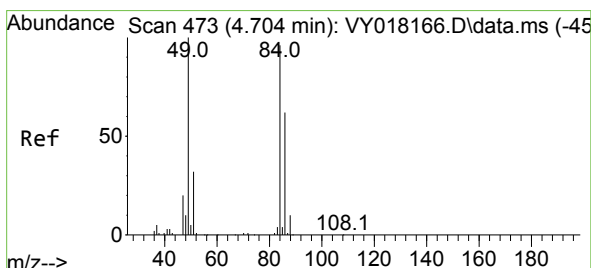
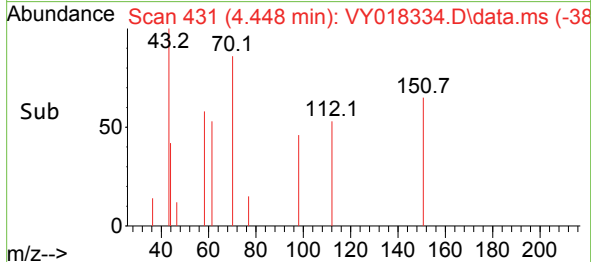
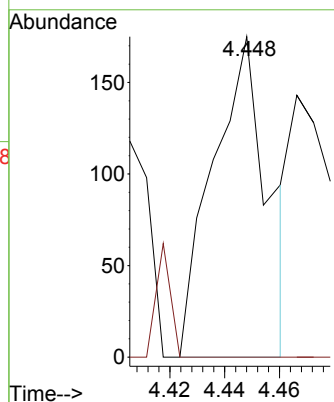
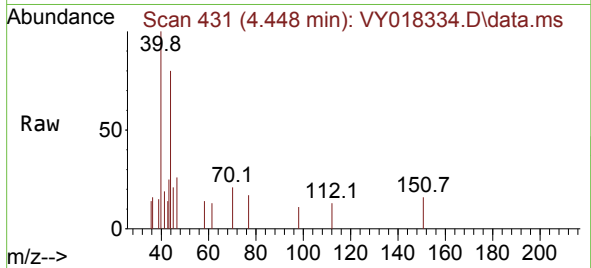




#18
Methyl Acetate
Concen: 1.341 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

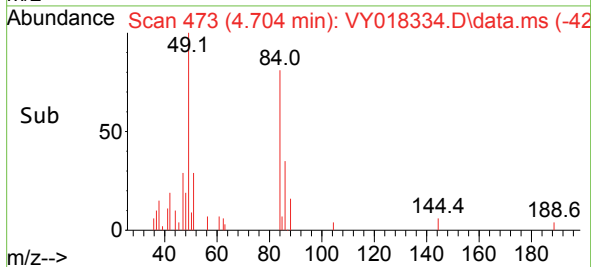
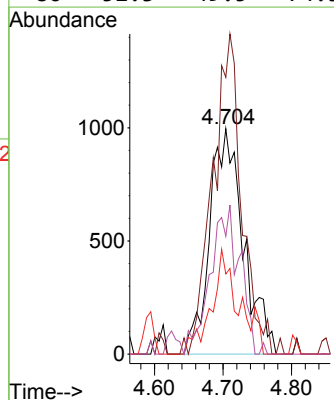
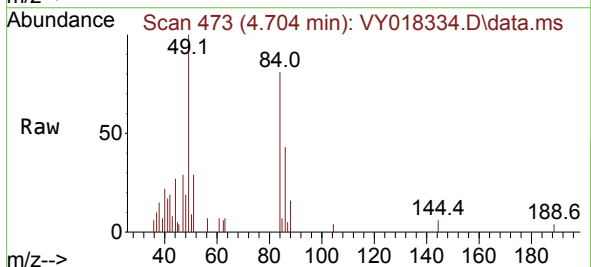
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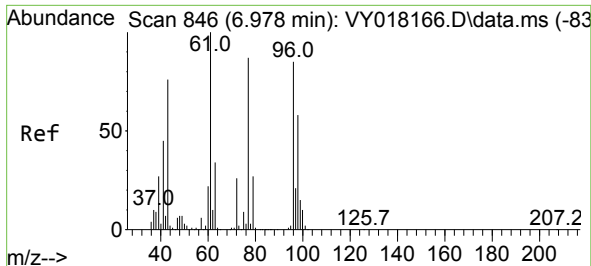
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 7.577 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 84 Resp: 3408
Ion Ratio Lower Upper
84 100
49 122.8 84.4 126.6
51 35.5 26.0 39.0
86 52.3 49.5 74.3

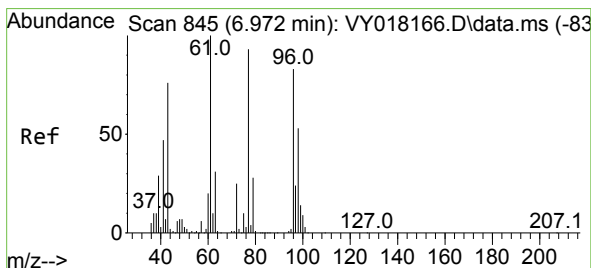
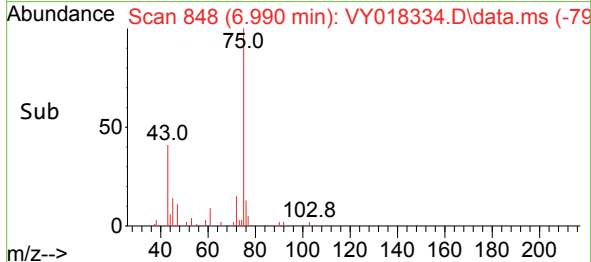
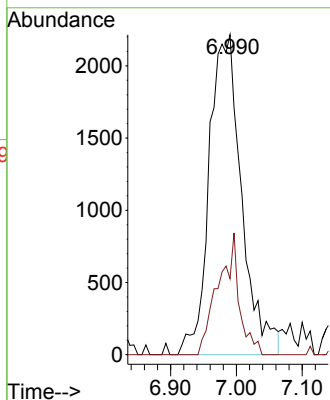
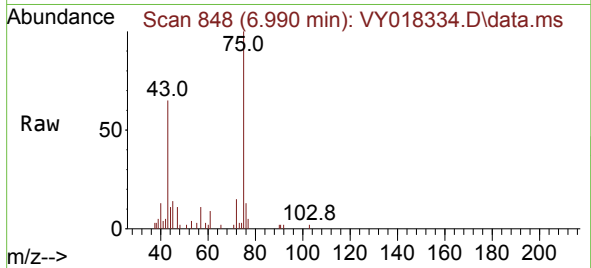




#25
2-Butanone
Concen: 74.725 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

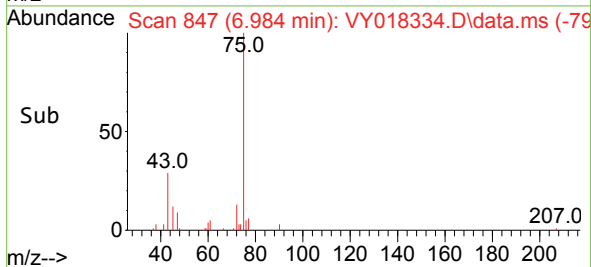
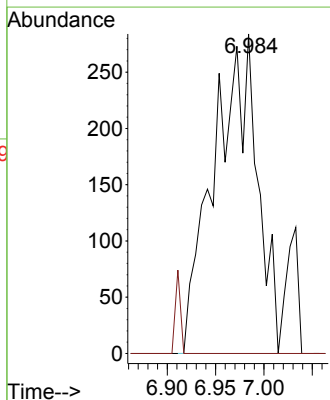
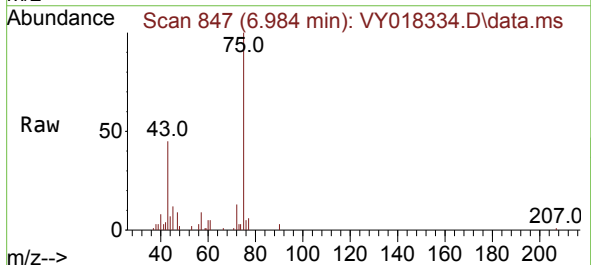
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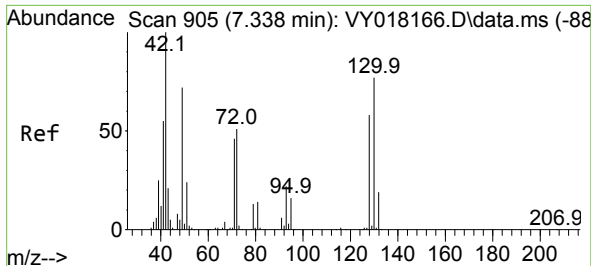
Tgt Ion: 43 Resp: 7601
Ion Ratio Lower Upper
43 100
72 23.8 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.399 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 77 Resp: 882
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#





#29

Tetrahydrofuran

Concen: 1.981 ug/l

RT: 7.313 min Scan# 905

Delta R.T. -0.024 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

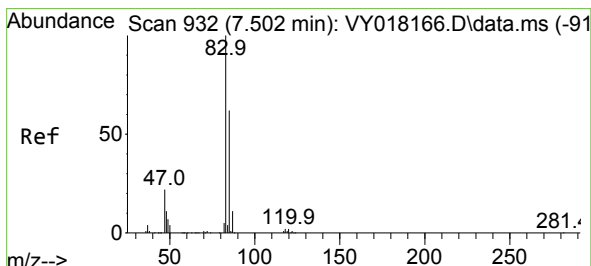
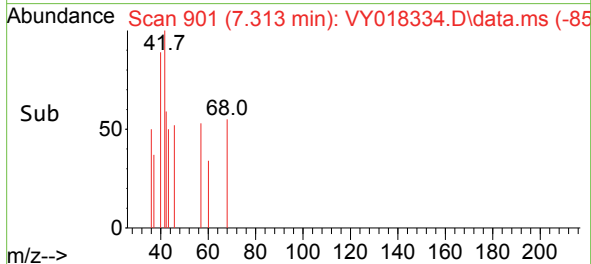
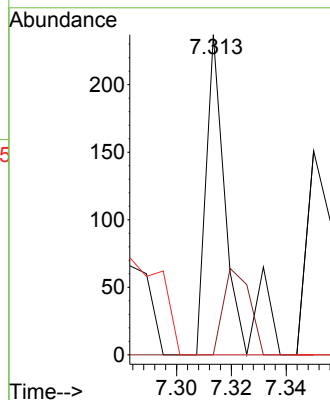
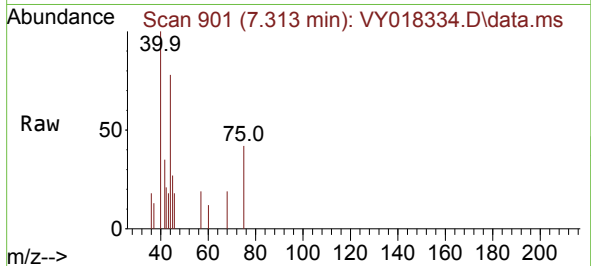
Tgt Ion: 42 Resp: 133

Ion Ratio Lower Upper

42 100

72 31.6 43.0 64.4#

71 0.0 40.8 61.2#



#30

Chloroform

Concen: 1.314 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018334.D

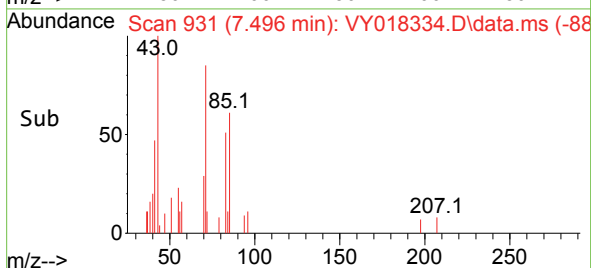
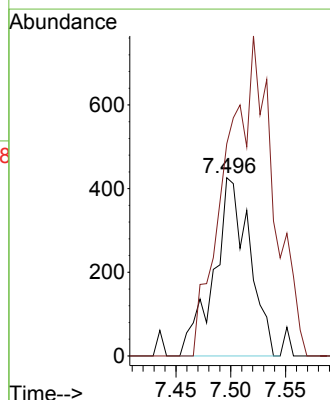
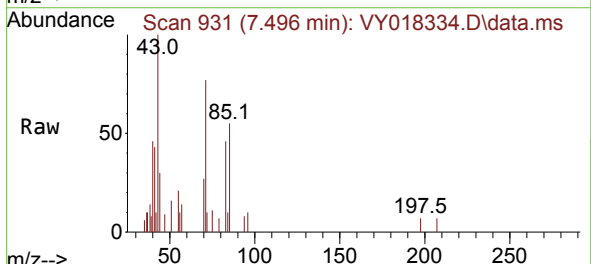
Acq: 20 May 2024 14:51

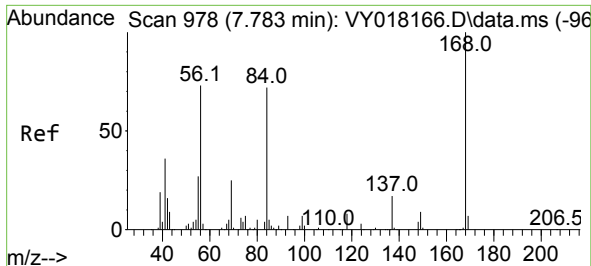
Tgt Ion: 83 Resp: 956

Ion Ratio Lower Upper

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85 119.0 52.2 78.4#

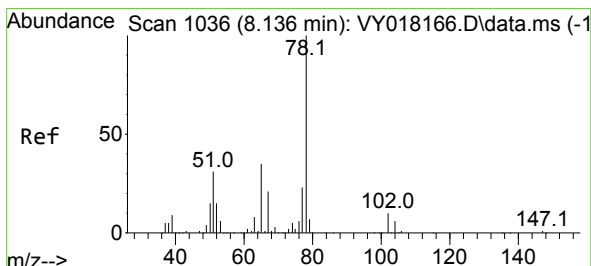
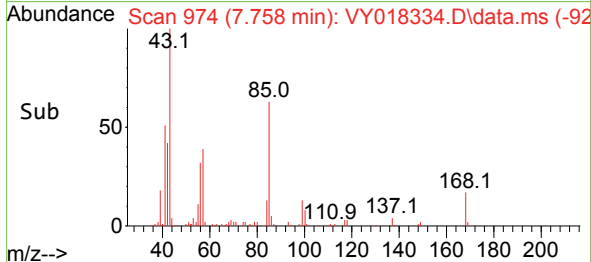
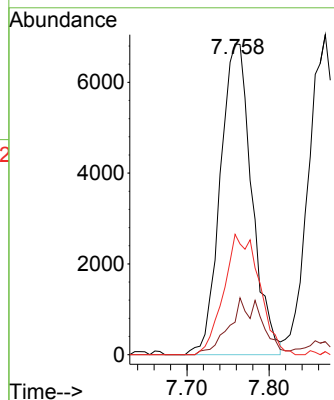
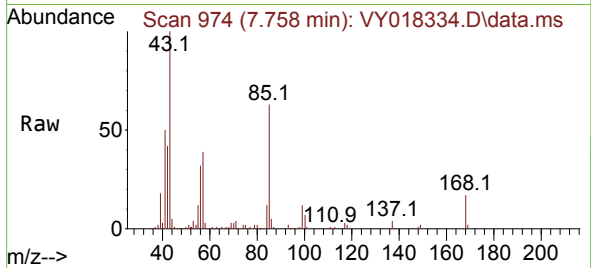




#31
Cyclohexane
Concen: 28.587 ug/l
RT: 7.758 min Scan# 91
Delta R.T. -0.025 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

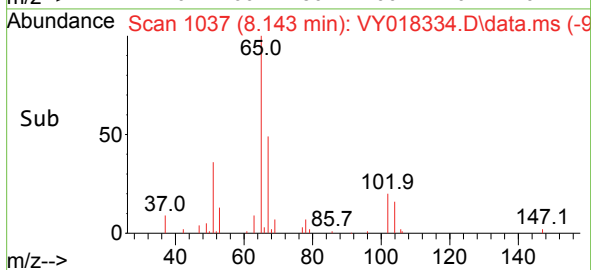
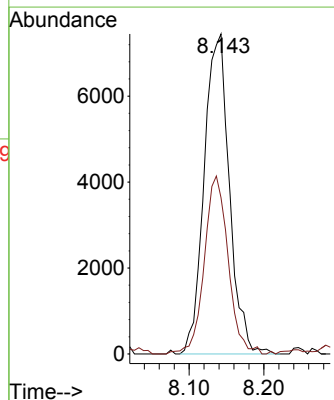
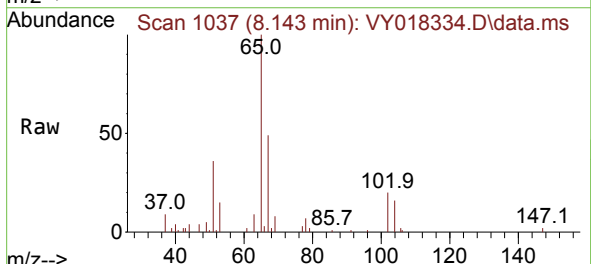
Instrument :
MSVOA_Y
ClientSampleId :
510-D

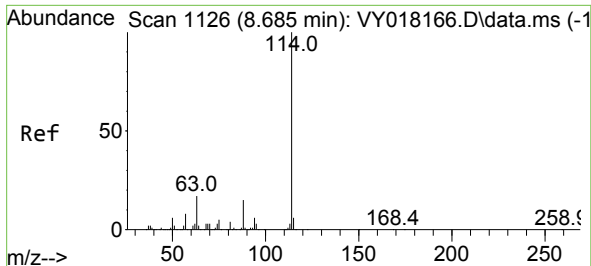
Tgt Ion: 56 Resp: 18306
Ion Ratio Lower Upper
56 100
69 10.5 28.7 43.1#
84 38.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.758 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 65 Resp: 17461
Ion Ratio Lower Upper
65 100
67 52.5 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: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

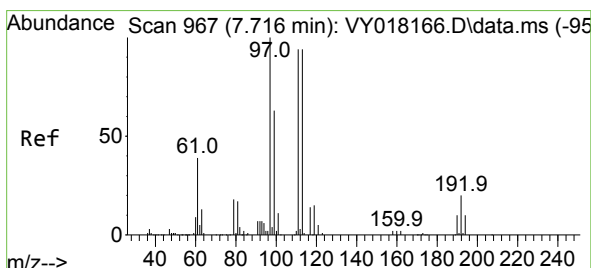
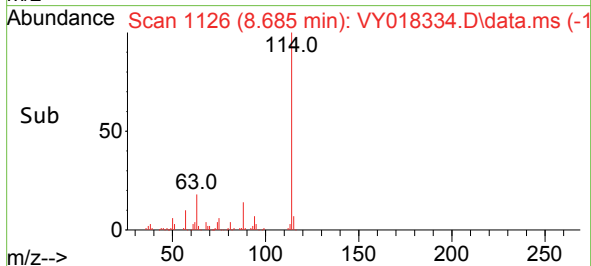
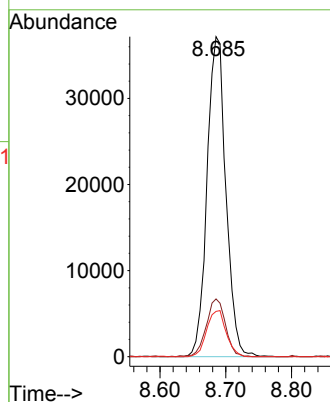
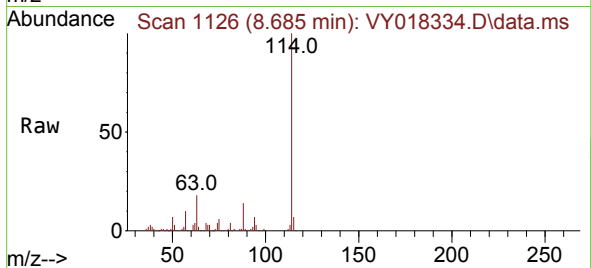
Tgt Ion:114 Resp: 73931

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.117 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

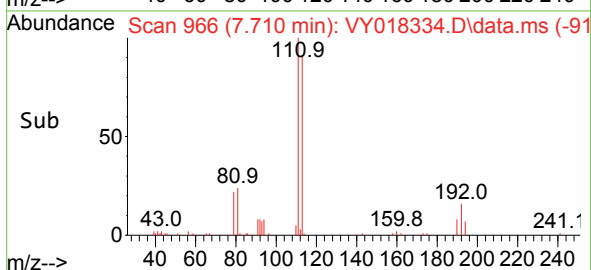
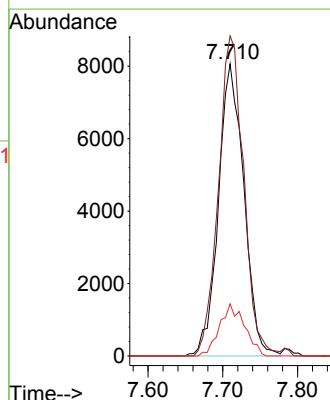
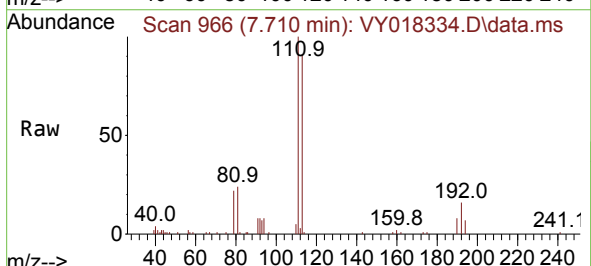
Tgt Ion:113 Resp: 19084

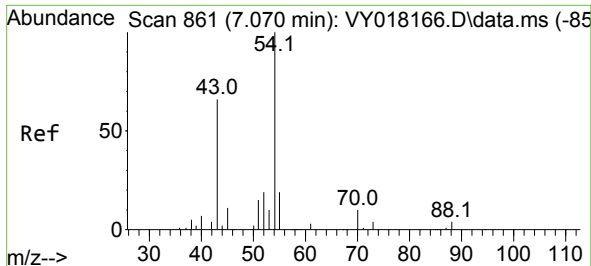
Ion Ratio Lower Upper

113 100

111 109.0 82.2 123.4

192 17.6 15.9 23.9





#37

Ethyl Acetate

Concen: 32.423 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

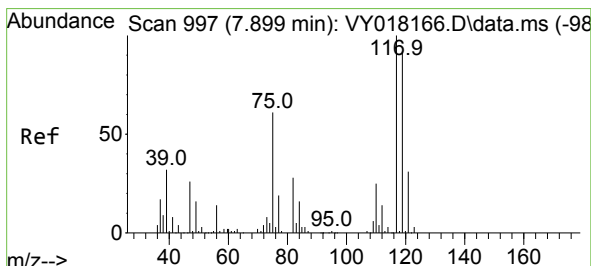
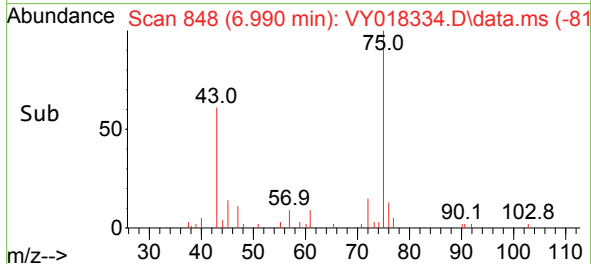
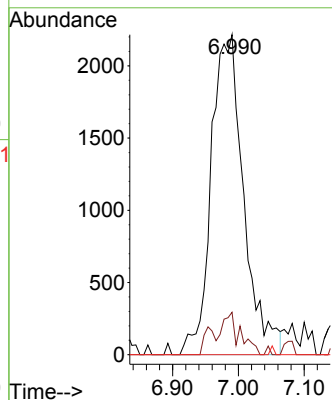
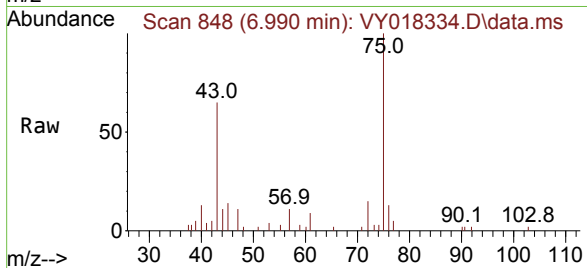
Tgt Ion: 43 Resp: 7601

Ion Ratio Lower Upper

43 100

61 7.3 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 7.532 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

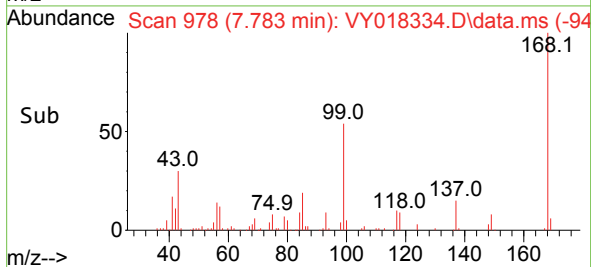
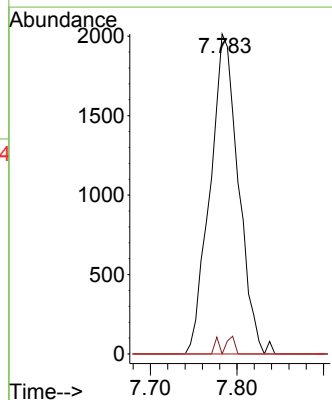
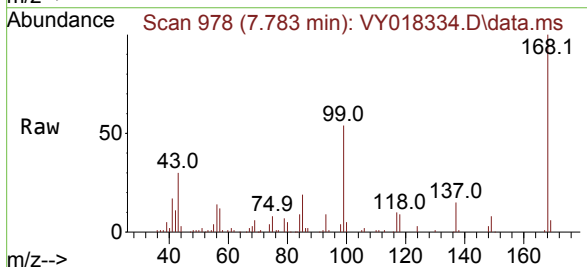
Tgt Ion: 117 Resp: 4584

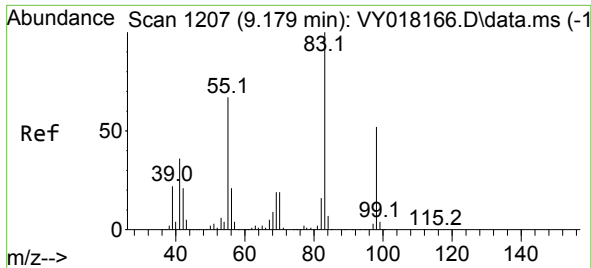
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#

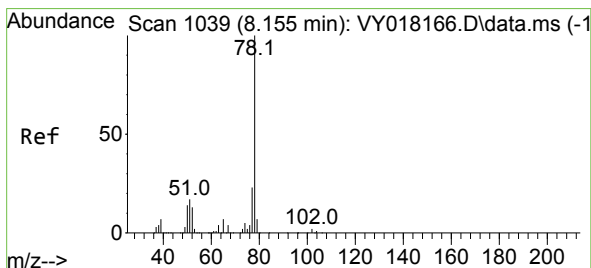
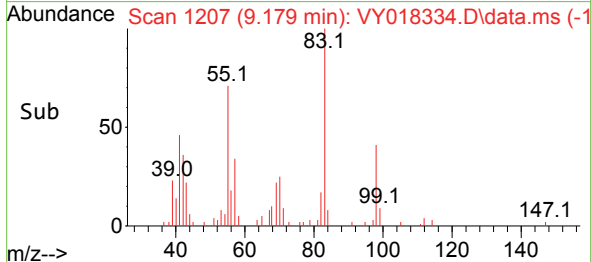
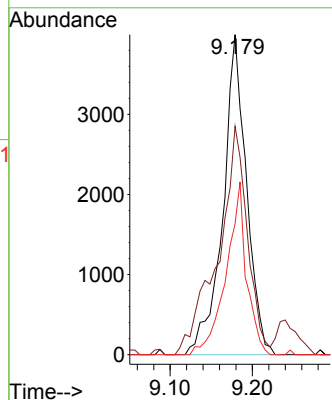
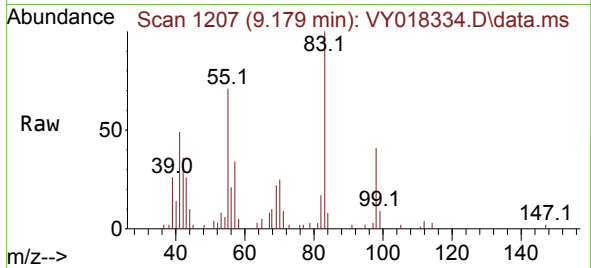




#39
Methylcyclohexane
Concen: 9.896 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

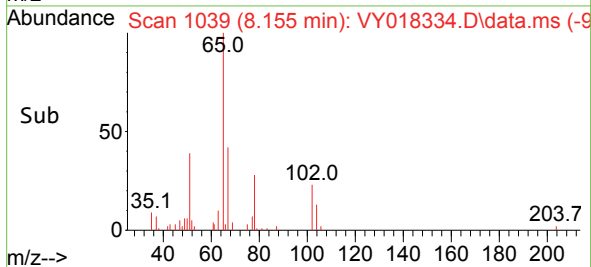
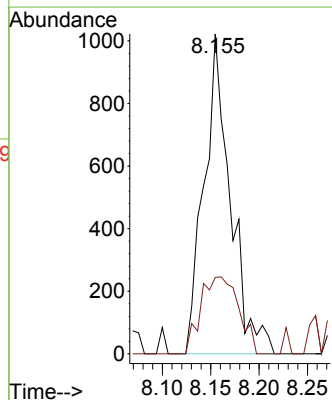
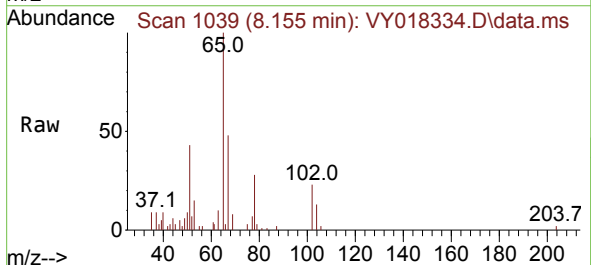
Instrument :
MSVOA_Y
ClientSampleId :
510-D

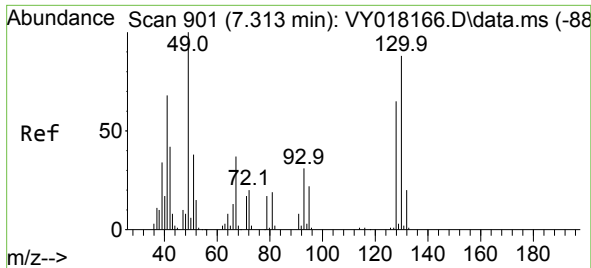
Tgt Ion:	83	Resp:	7952
Ion	Ratio	Lower	Upper
83	100		
55	69.2	51.5	77.3
98	40.9	40.5	60.7



#40
Benzene
Concen: 1.083 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

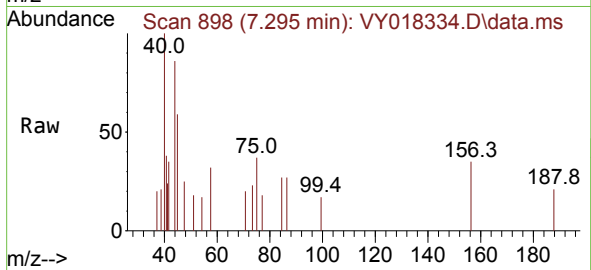
Tgt Ion:	78	Resp:	1941
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3



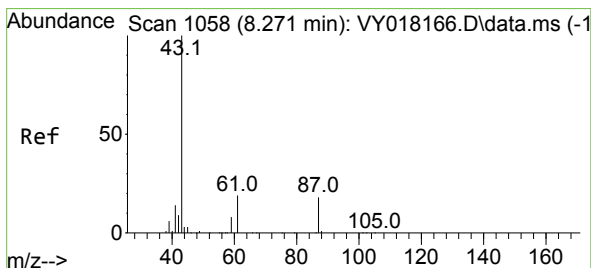
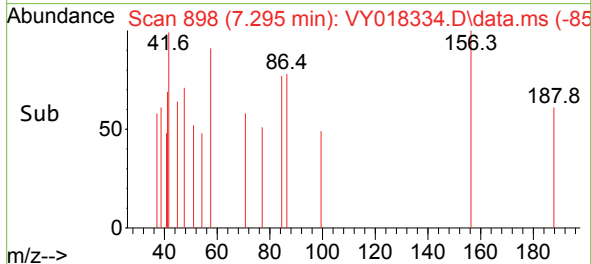
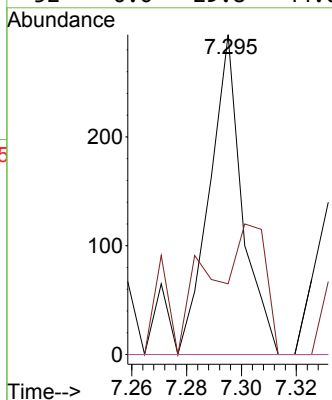


#41
Methacrylonitrile
Concen: 1.802 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :
510-D

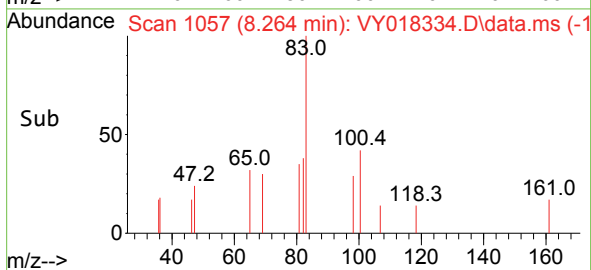
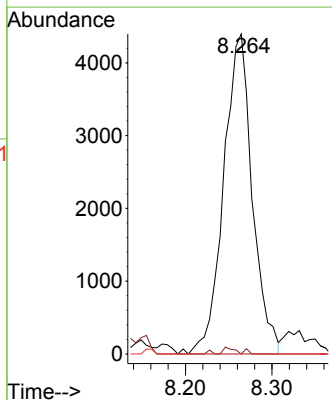
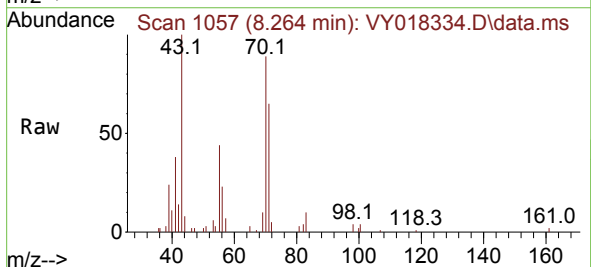


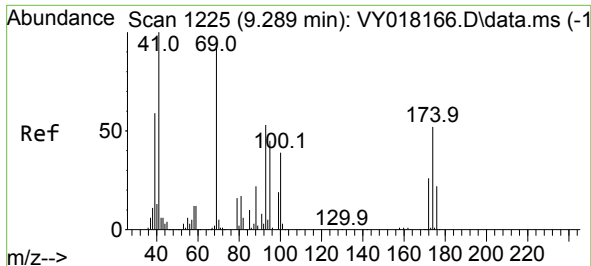
Tgt Ion:	41	Resp:	244
Ion	Ratio	Lower	Upper
41	100		
39	68.9	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#43
Isopropyl Acetate
Concen: 21.029 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion:	43	Resp:	10105
Ion	Ratio	Lower	Upper
43	100		
61	0.8	27.9	41.9#
87	0.0	13.1	19.7#





#48

Methyl methacrylate

Concen: 7.901 ug/l

RT: 9.240 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

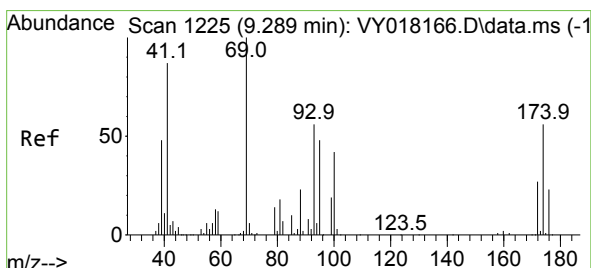
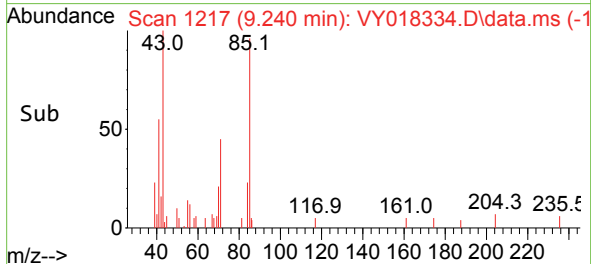
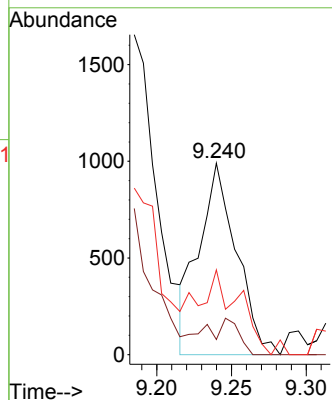
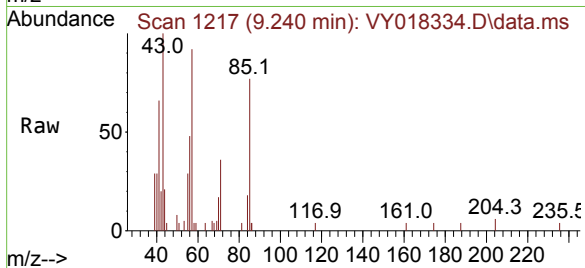
Tgt Ion: 41 Resp: 1740

Ion Ratio Lower Upper

41 100

69 15.8 84.1 126.1#

39 0.0 43.6 65.4#



#49

1,4-Dioxane

Concen: 7.360 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.037 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

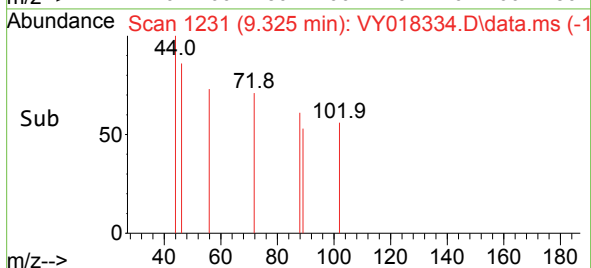
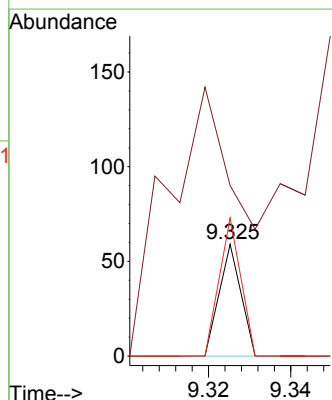
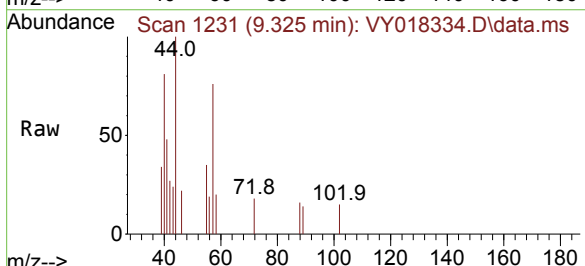
Tgt Ion: 88 Resp: 22

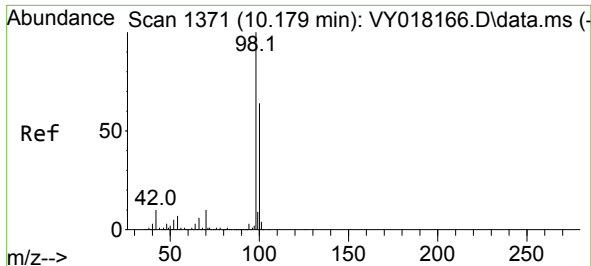
Ion Ratio Lower Upper

88 100

43 790.9 0.0 0.0#

58 122.7 49.3 73.9#

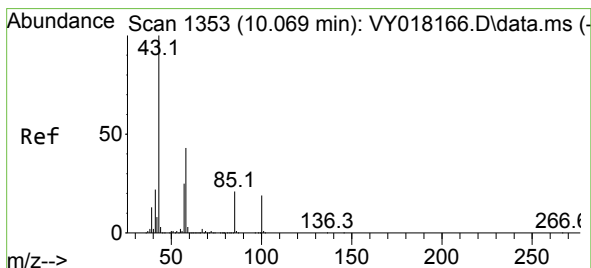
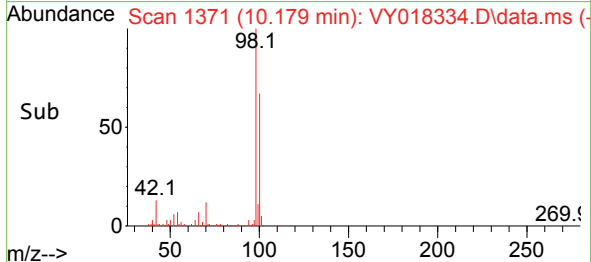
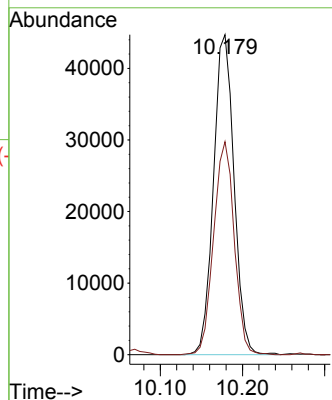
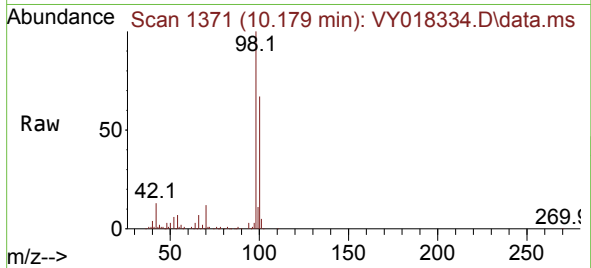




#50
Toluene-d8
Concen: 50.667 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

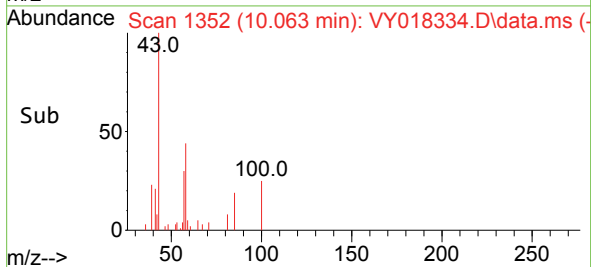
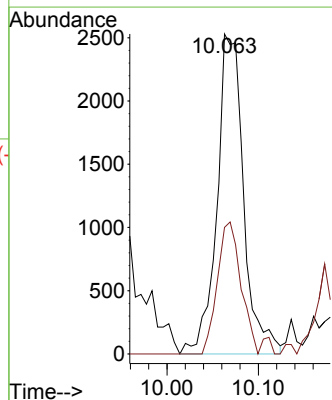
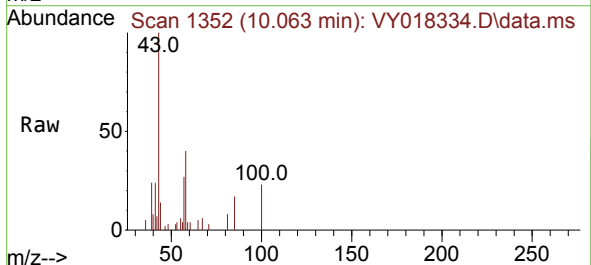
Instrument :
MSVOA_Y
ClientSampleId :
510-D

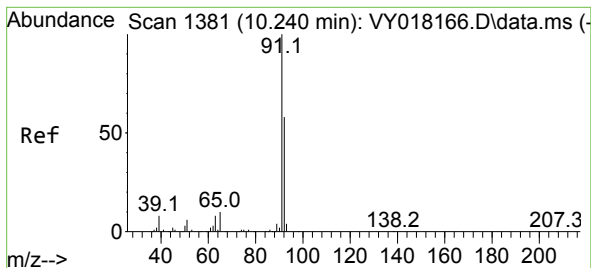
Tgt Ion: 98 Resp: 77576
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 21.187 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 43 Resp: 5117
Ion Ratio Lower Upper
43 100
58 36.5 35.7 53.5





#52

Toluene

Concen: 189.787 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

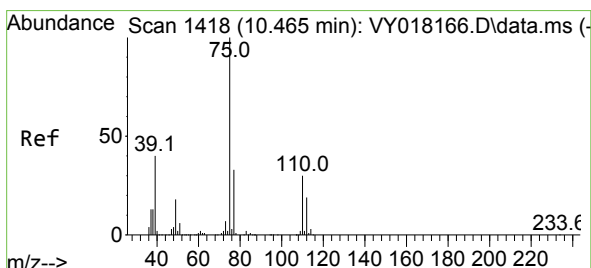
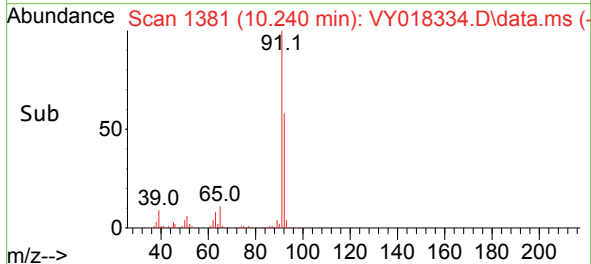
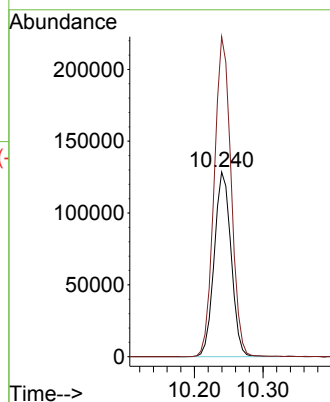
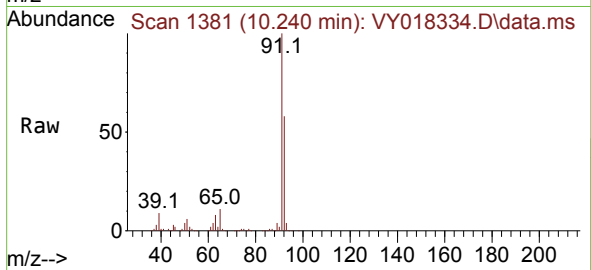
510-D

Tgt Ion: 92 Resp: 218906

Ion Ratio Lower Upper

92 100

91 173.9 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 5.200 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.226 min

Lab File: VY018334.D

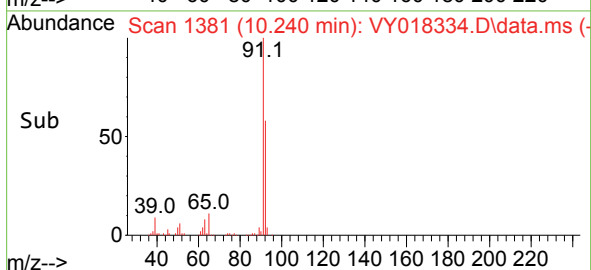
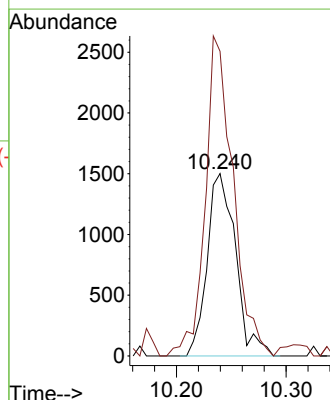
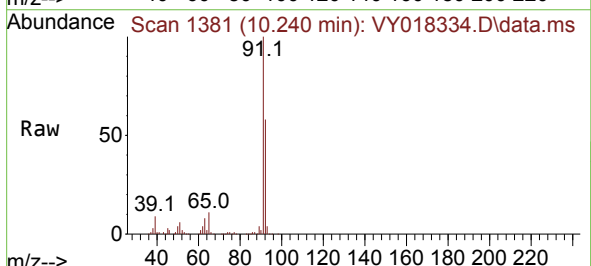
Acq: 20 May 2024 14:51

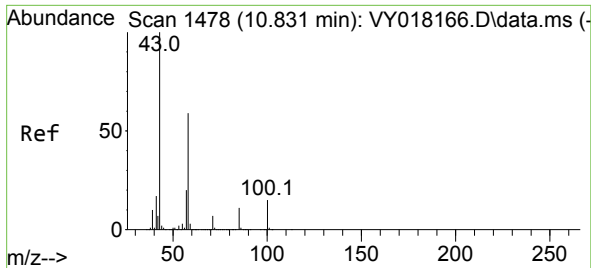
Tgt Ion: 75 Resp: 2704

Ion Ratio Lower Upper

75 100

77 162.3 24.1 36.1#

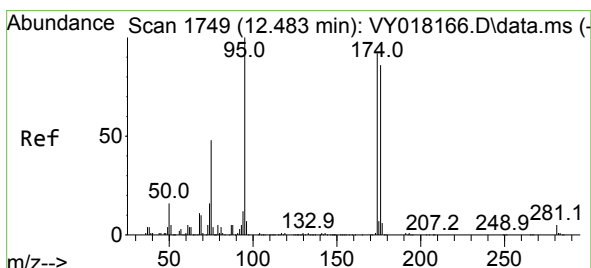
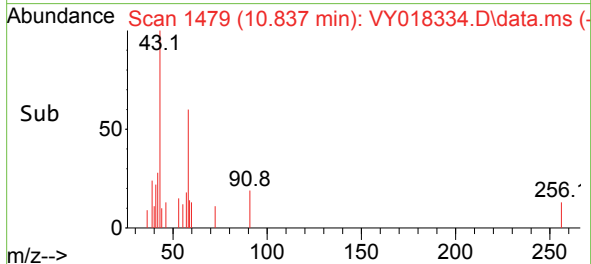
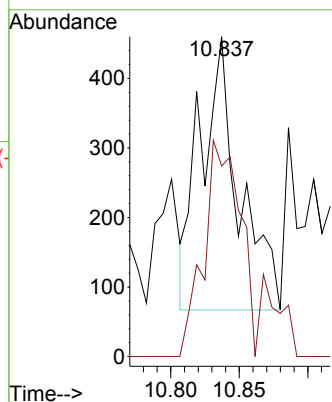
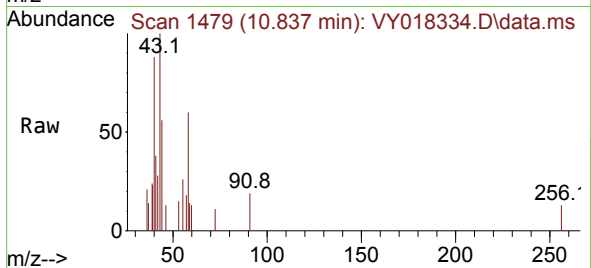




#59
2-Hexanone
Concen: 4.554 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

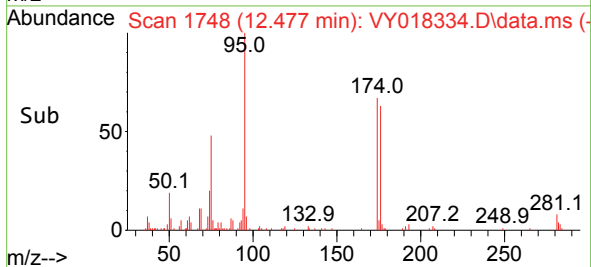
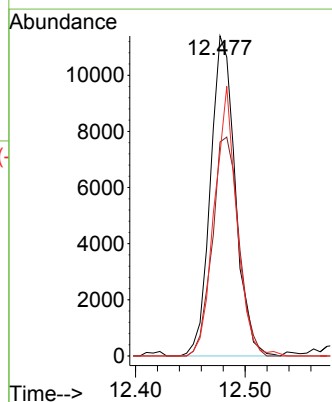
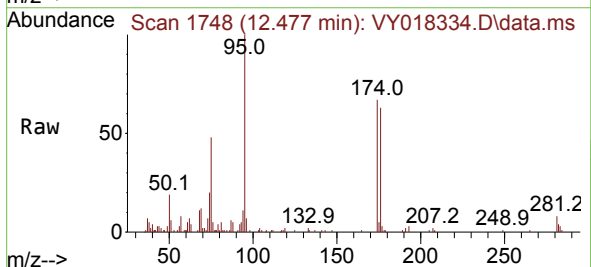
Instrument :
MSVOA_Y
ClientSampleId :
510-D

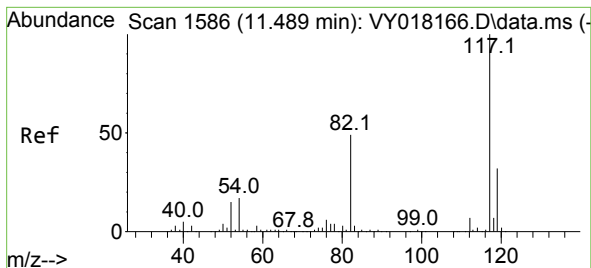
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 74.6 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 36.206 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 95 Resp: 17902
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 76.5 0.0 171.4

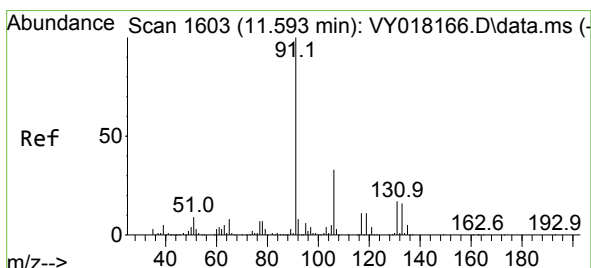
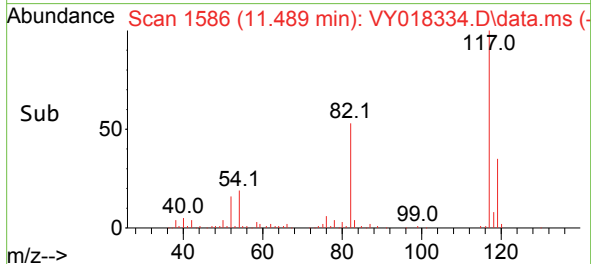
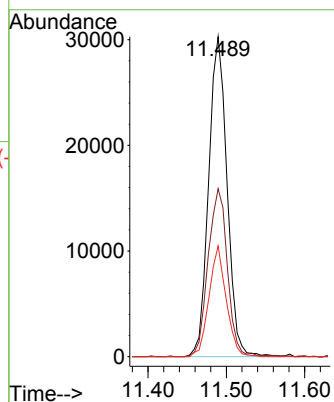
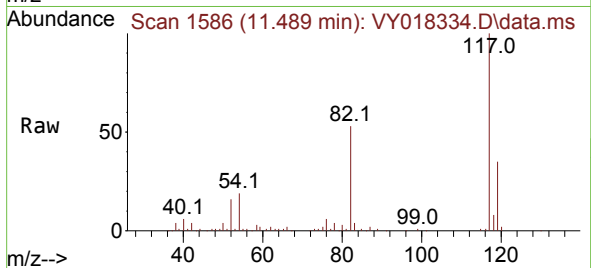




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

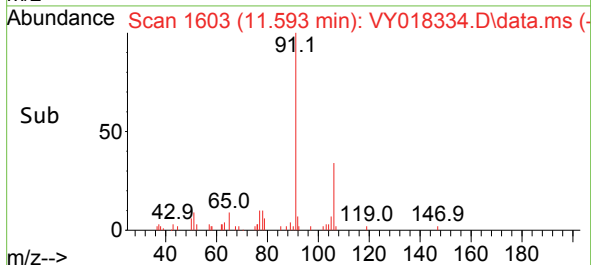
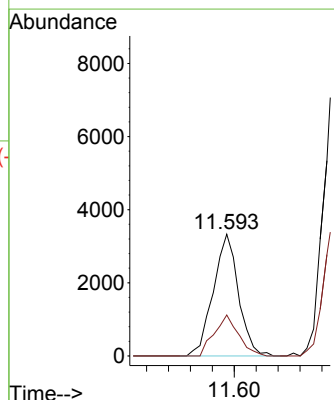
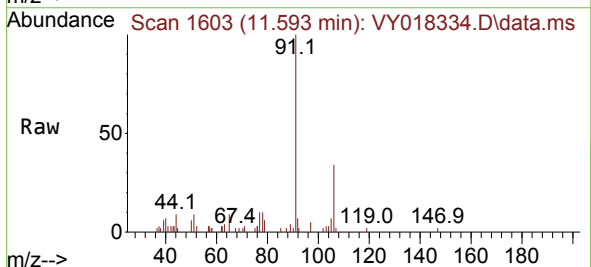
Instrument :
MSVOA_Y
ClientSampleId :
510-D

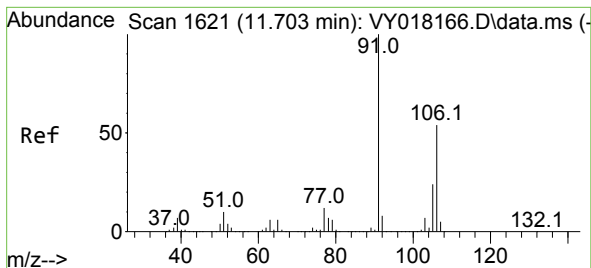
Tgt Ion:117 Resp: 49394
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 34.6 25.9 38.9



#67
Ethyl Benzene
Concen: 3.131 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 91 Resp: 5318
Ion Ratio Lower Upper
91 100
106 33.6 24.5 36.7

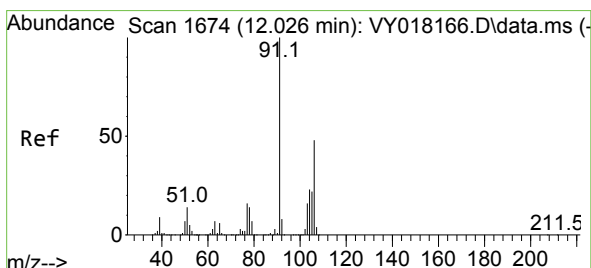
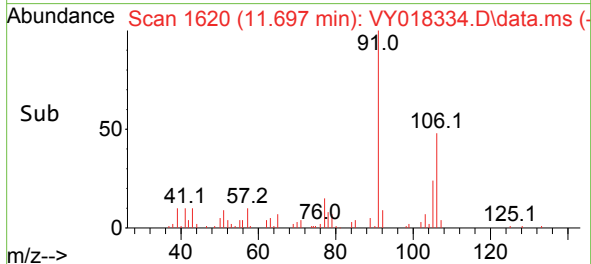
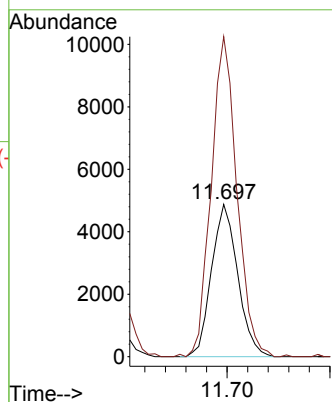
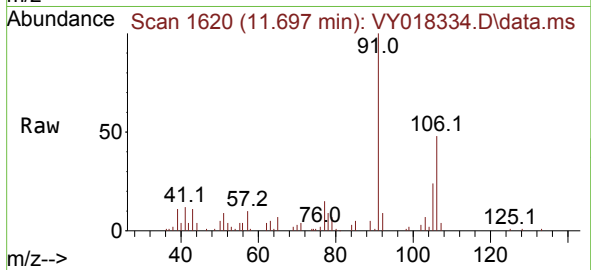




#68
m/p-Xylenes
Concen: 12.849 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

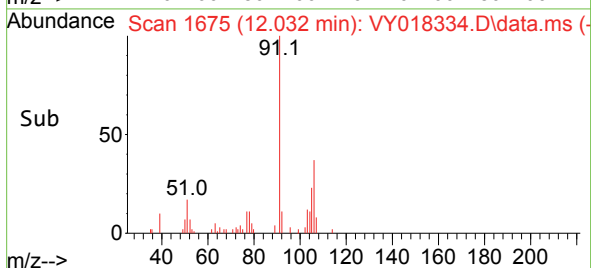
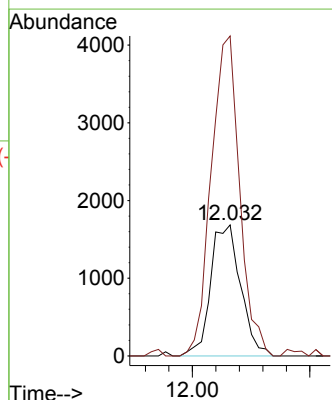
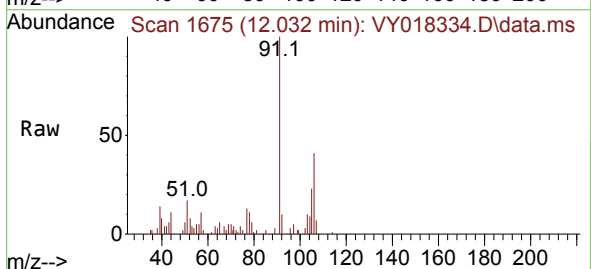
Instrument :
MSVOA_Y
ClientSampleId :
510-D

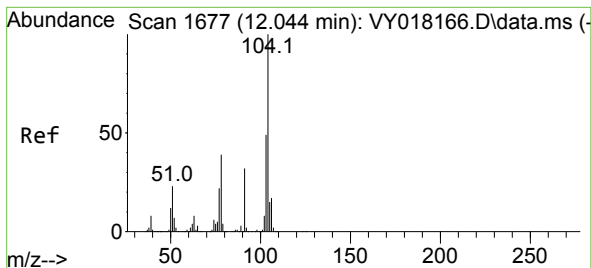
Tgt Ion:106 Resp: 8631
Ion Ratio Lower Upper
106 100
91 206.2 156.0 234.0



#69
o-Xylene
Concen: 4.640 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion:106 Resp: 2991
Ion Ratio Lower Upper
106 100
91 231.8 103.6 310.8





#70

Styrene

Concen: 1.114 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

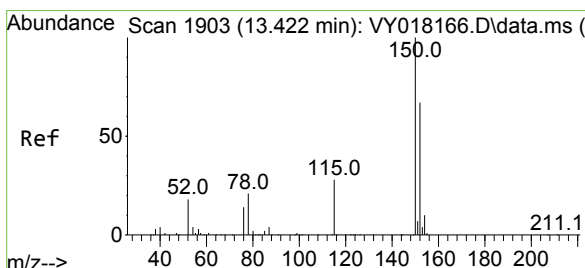
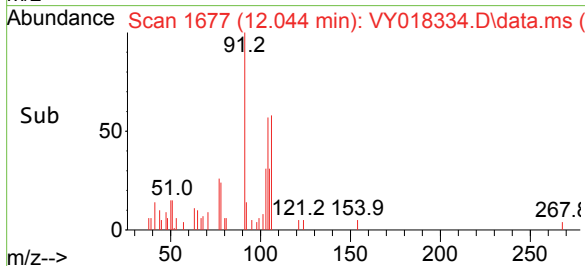
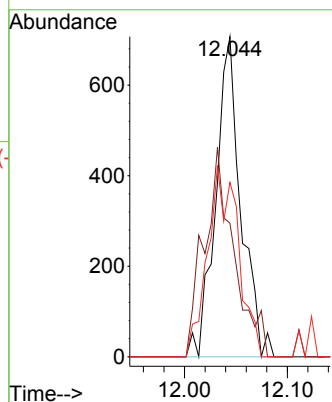
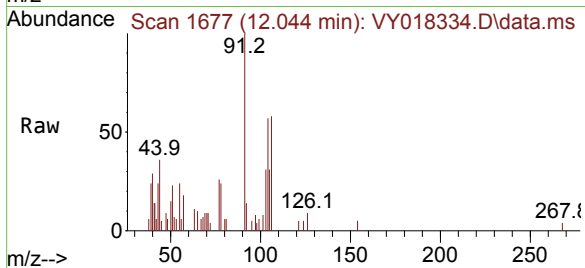
Tgt Ion:104 Resp: 1199

Ion Ratio Lower Upper

104 100

78 77.4 37.0 55.4#

103 72.3 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

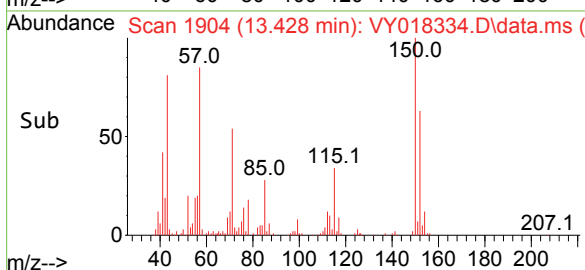
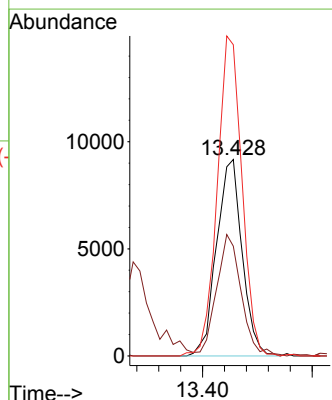
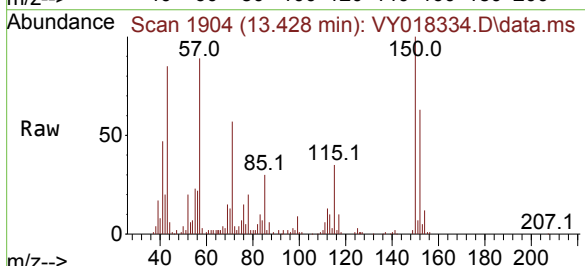
Tgt Ion:152 Resp: 14884

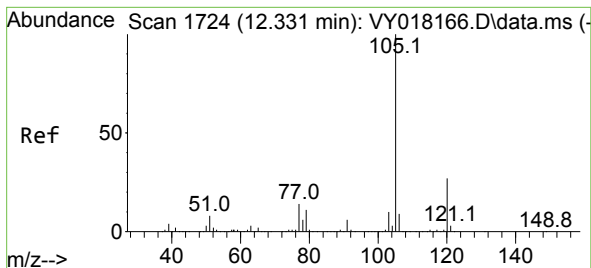
Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 156.6 0.0 345.6





#73

Isopropylbenzene

Concen: 3.809 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

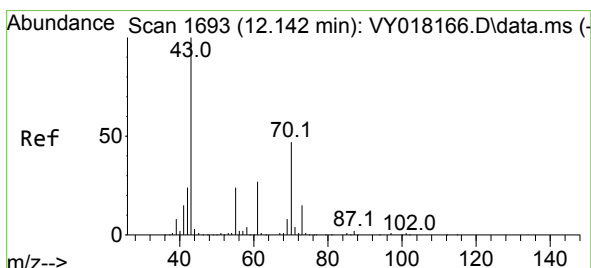
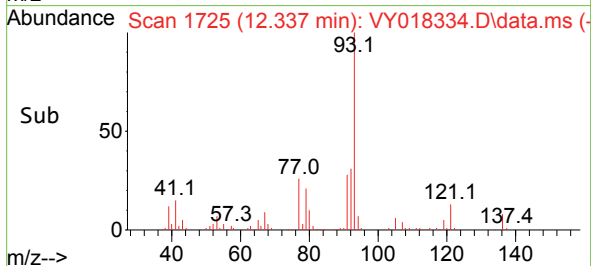
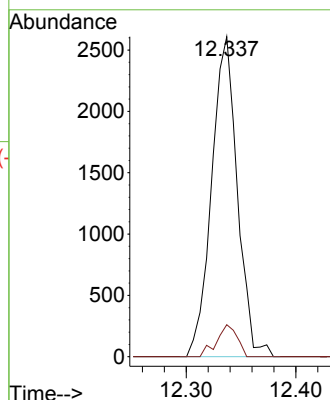
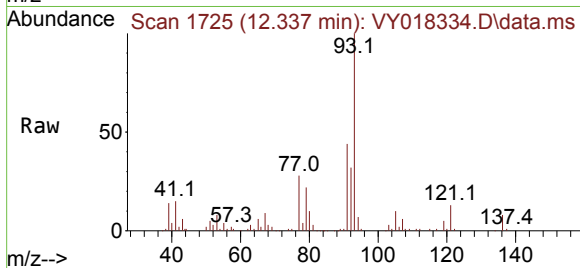
510-D

Tgt Ion:105 Resp: 4251

Ion Ratio Lower Upper

105 100

120 7.9 13.4 40.1#



#74

N-ethyl acetate

Concen: 7.684 ug/l

RT: 12.117 min Scan# 1689

Delta R.T. -0.024 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Tgt Ion: 43 Resp: 1780

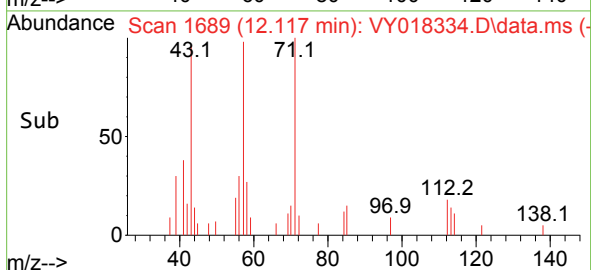
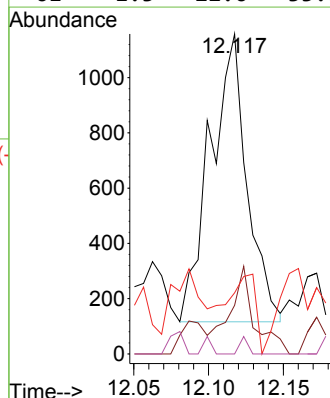
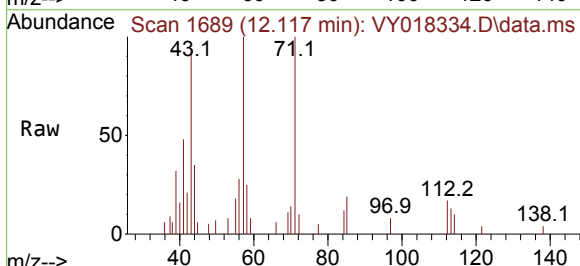
Ion Ratio Lower Upper

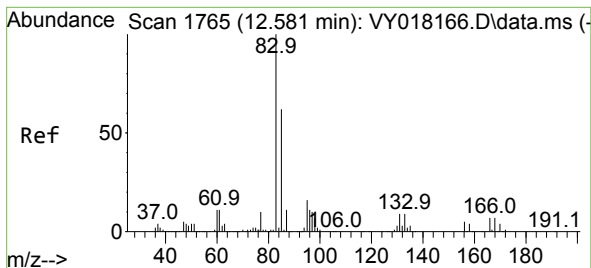
43 100

70 20.7 41.4 62.2#

55 19.9 23.3 34.9#

61 1.3 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.118 ug/l

RT: 12.593 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

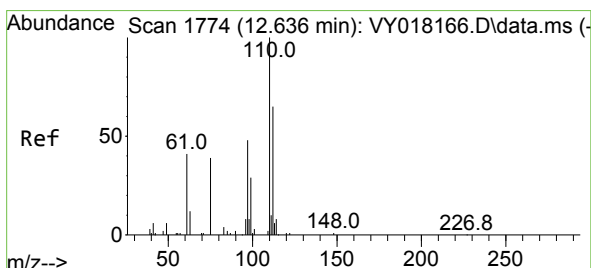
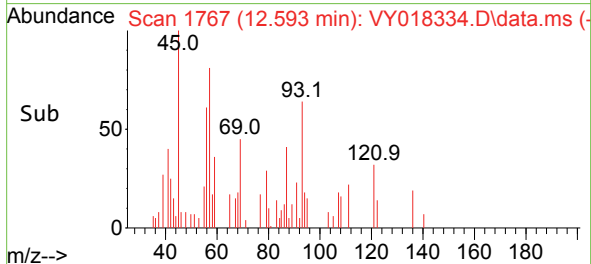
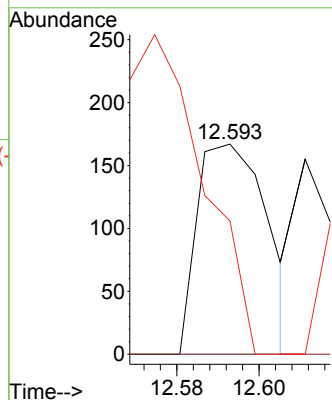
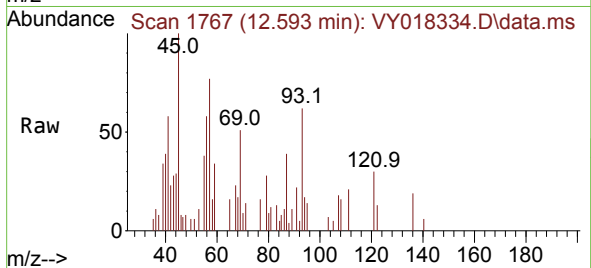
Tgt Ion: 83 Resp: 199

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 74.864 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018334.D

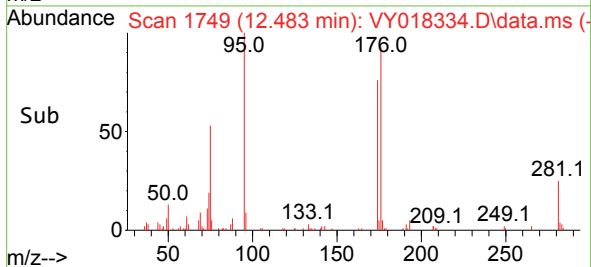
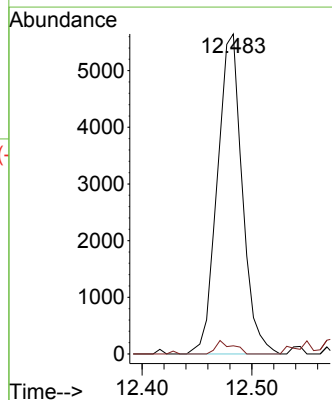
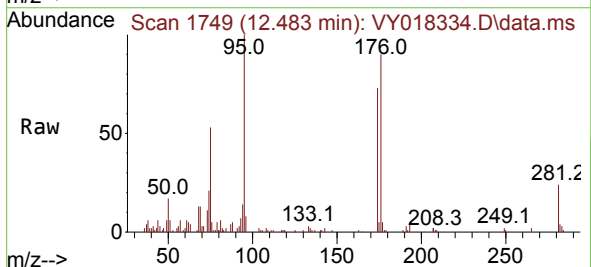
Acq: 20 May 2024 14:51

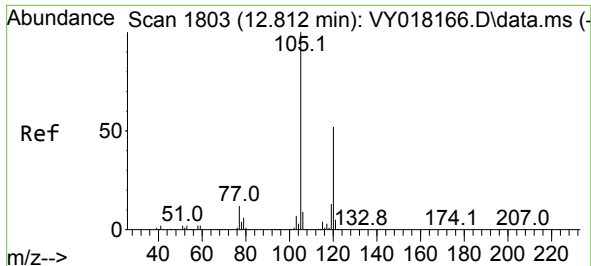
Tgt Ion: 75 Resp: 8919

Ion Ratio Lower Upper

75 100

77 2.9 0.0 0.0#

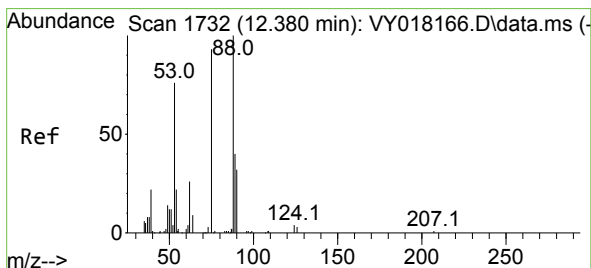
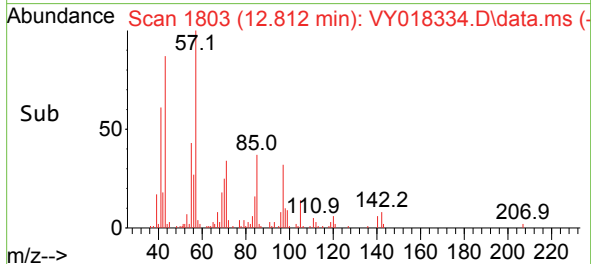
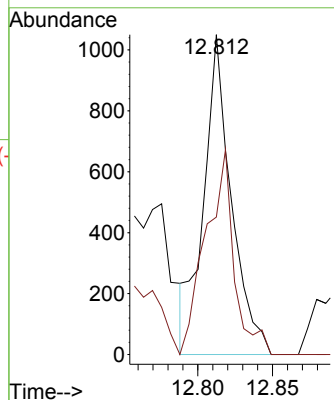
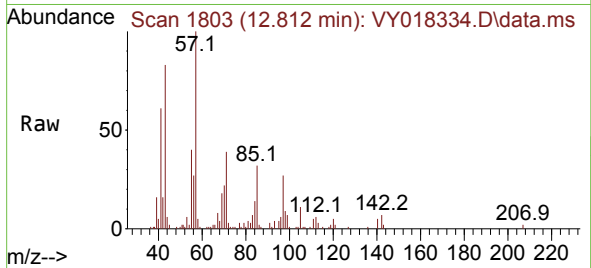




#80
 1,3,5-Trimethylbenzene
 Concen: 1.540 ug/l
 RT: 12.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY018334.D
 Acq: 20 May 2024 14:51

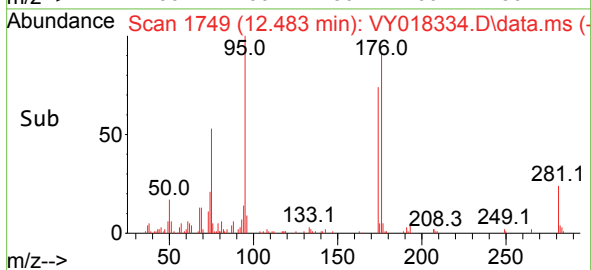
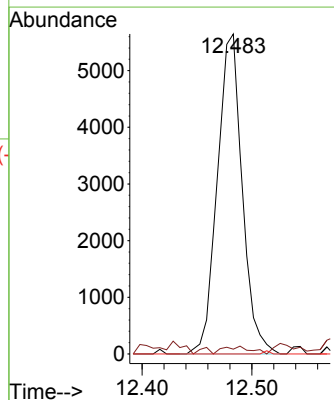
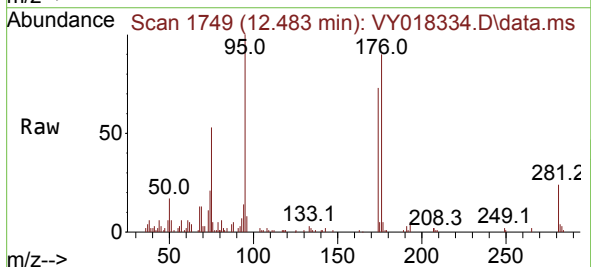
Instrument :
 MSVOA_Y
 ClientSampleId :
 510-D

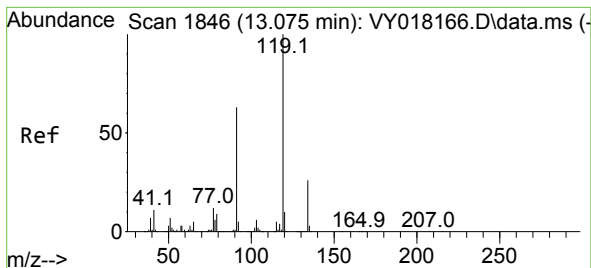
Tgt Ion:105 Resp: 1355
 Ion Ratio Lower Upper
 105 100
 120 65.4 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.237 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY018334.D
 Acq: 20 May 2024 14:51

Tgt Ion: 75 Resp: 8919
 Ion Ratio Lower Upper
 75 100
 53 2.6 66.8 100.2#
 89 0.0 35.8 53.6#





#83

tert-Butylbenzene

Concen: 1.042 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.049 min

Lab File: VY018334.D

Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D

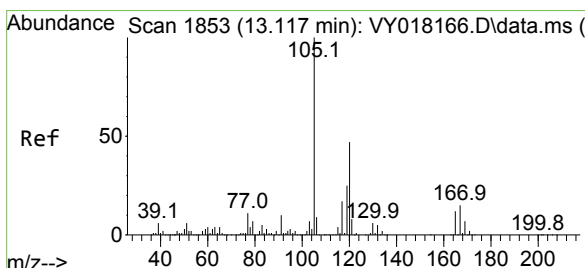
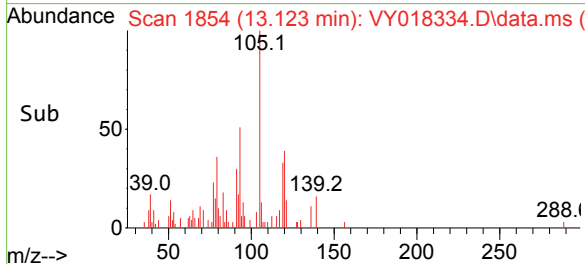
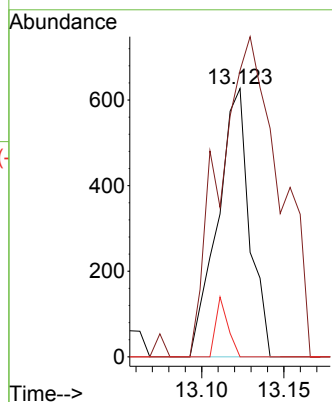
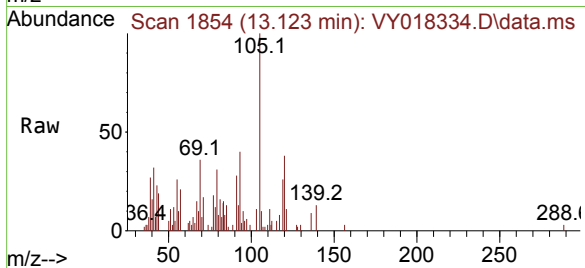
Tgt Ion:119 Resp: 846

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 5.045 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018334.D

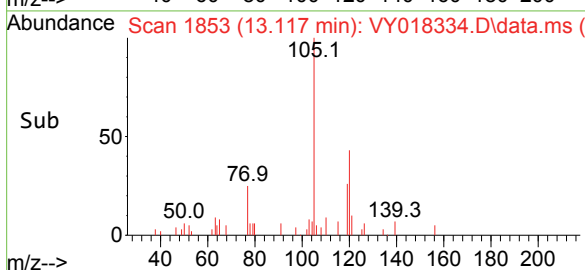
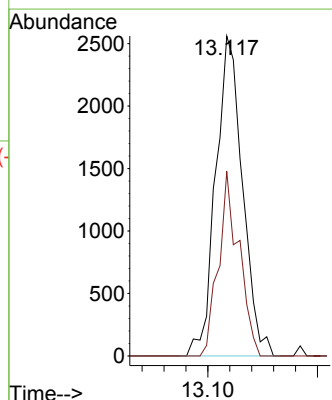
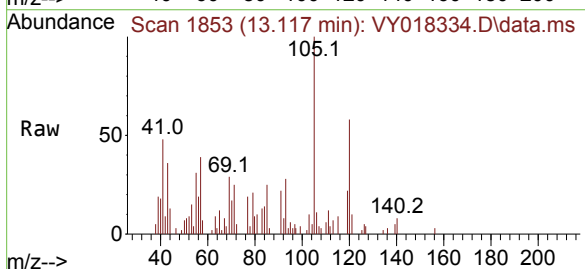
Acq: 20 May 2024 14:51

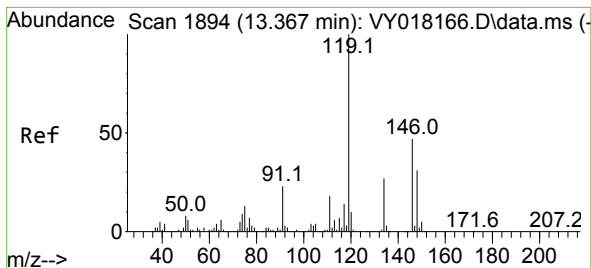
Tgt Ion:105 Resp: 4349

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6

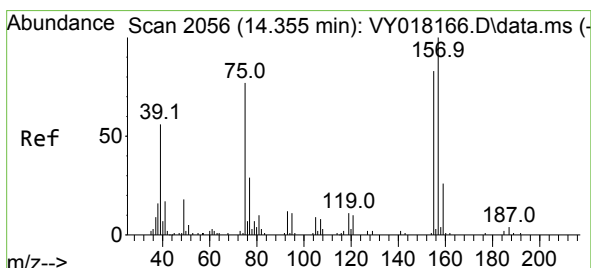
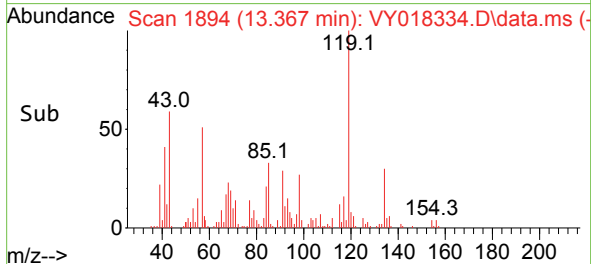
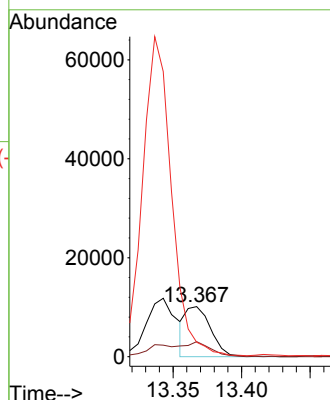
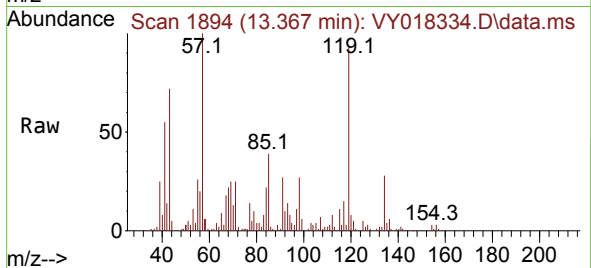




#86
p-Isopropyltoluene
Concen: 13.145 ug/l
RT: 13.367 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

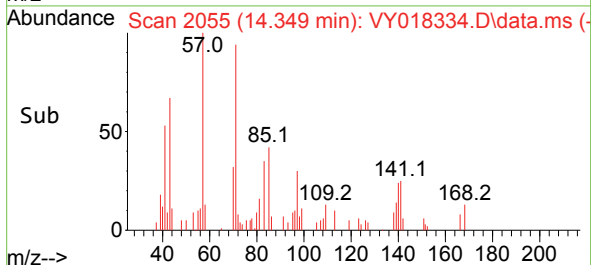
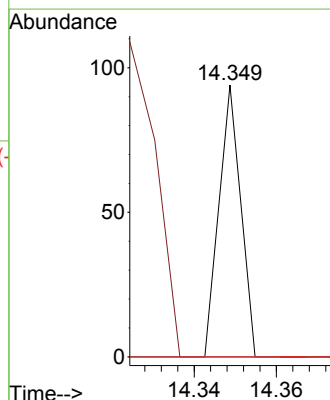
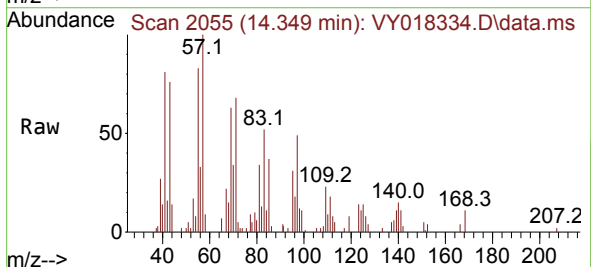
Instrument :
MSVOA_Y
ClientSampleId :
510-D

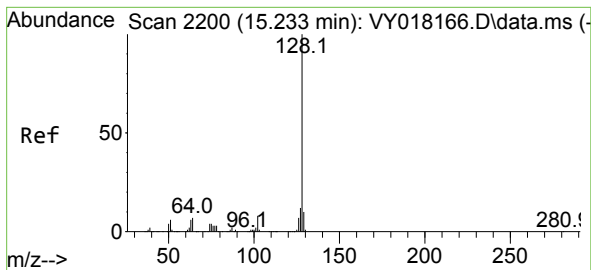
Tgt Ion:119 Resp: 12874
Ion Ratio Lower Upper
119 100
134 27.8 13.1 39.3
91 0.0 10.7 32.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.403 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY018334.D
Acq: 20 May 2024 14:51

Tgt Ion: 75 Resp: 34
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#95

Naphthalene

Concen: 3.739 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY018334.D

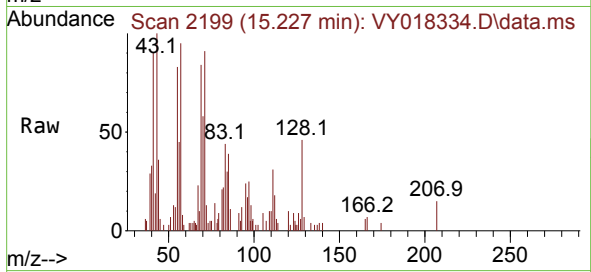
Acq: 20 May 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

510-D



Tgt Ion:128 Resp: 1639

Ion Ratio Lower Upper

128 100

127 31.6 10.6 16.0#

129 8.9 8.6 13.0

