

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019666.D
 Acq On : 23 Sep 2024 14:28
 Operator : SY/MD
 Sample : P4103-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	246121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	437830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	379397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137122	60.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.628	113	136307	54.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.103	98	520407	56.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.360%	
62) 4-Bromofluorobenzene	12.401	95	173803	49.229	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	233	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	2616	14.214	ug/l #	88
13) Acrolein	3.616	56	485	Below Cal	#	1
14) Allyl chloride	4.604	41	28593	7.302	ug/l #	56
15) Acrylonitrile	5.122	53	6586	12.397	ug/l #	36
16) Acetone	3.866	43	45559	83.911	ug/l #	74
20) Methylene Chloride	4.616	84	6436	2.599	ug/l #	57
25) 2-Butanone	6.884	43	25729	33.319	ug/l #	78
31) Cyclohexane	7.683	56	43821	10.744	ug/l #	50
36) 1,1-Dichloropropene	7.701	75	21087	6.243	ug/l #	50
37) Ethyl Acetate	6.884	43	25729	14.866	ug/l #	78
38) Carbon Tetrachloride	7.707	117	26440	6.941	ug/l #	16
39) Methylcyclohexane	9.103	83	70329	15.645	ug/l #	90
43) Isopropyl Acetate	8.183	43	11818	3.250	ug/l #	47
48) Methyl methacrylate	9.243	41	3293	1.918	ug/l #	27
51) 4-Methyl-2-Pentanone	10.103	43	9966	5.448	ug/l	97
55) 1,1,2-Trichloroethane	10.542	97	30986	16.132	ug/l #	21
56) Ethyl methacrylate	10.445	69	10640	3.647	ug/l #	1
59) 2-Hexanone	10.731	43	77648	57.898	ug/l #	24
68) m/p-Xylenes	11.627	106	11432	2.280	ug/l	84
69) o-Xylene	11.950	106	6250	1.275	ug/l	78
73) Isopropylbenzene	12.255	105	183799	16.093	ug/l	99
74) N-amyl acetate	12.048	43	126951	40.870	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.475	83	15287	7.541	ug/l #	26
76) 1,2,3-Trichloropropane	12.597	75	3989	2.703	ug/l #	100
78) n-propylbenzene	12.597	91	615598	45.474	ug/l	99
79) 2-Chlorotoluene	12.597	91	615598	78.030	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.895	105	72365	7.794	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.401	75	89747	116.758	ug/l #	18
82) 4-Chlorotoluene	12.597	91	617543	76.140	ug/l #	39
83) tert-Butylbenzene	12.999	119	15365	1.828	ug/l #	79
84) 1,2,4-Trimethylbenzene	12.895	105	72365	7.874	ug/l	77
85) sec-Butylbenzene	13.176	105	690467	56.544	ug/l	90
86) p-Isopropyltoluene	13.444	119	116315	11.642	ug/l	91
89) n-Butylbenzene	13.615	91	778069	81.465	ug/l	89
90) Hexachloroethane	13.889	117	213663	102.783	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

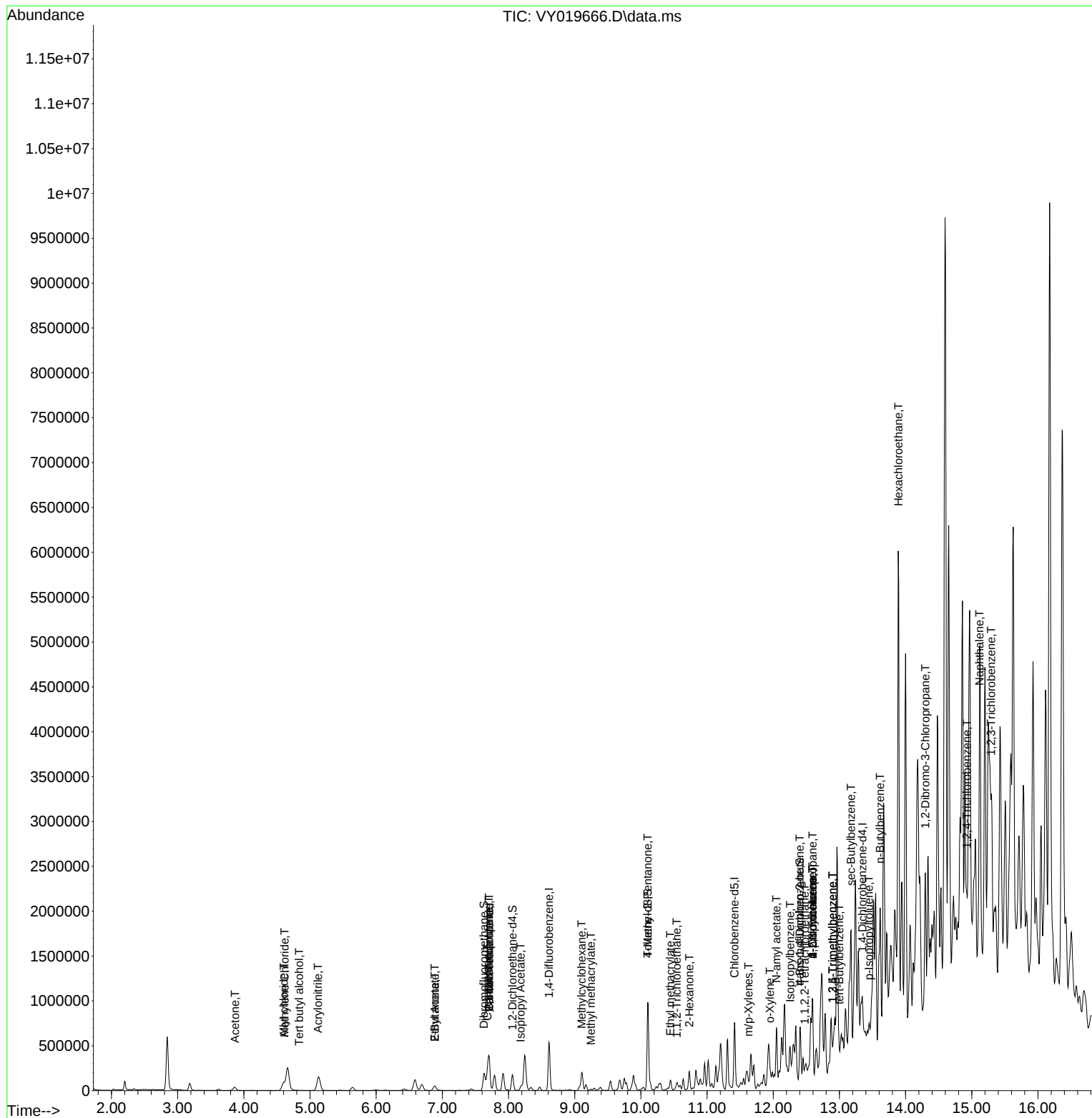
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.297	75	5503	16.288	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.925	180	2797	1.047	ug/l #	1
95) Naphthalene	15.114	128	48581	9.081	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.291	180	12394	5.424	ug/l #	1

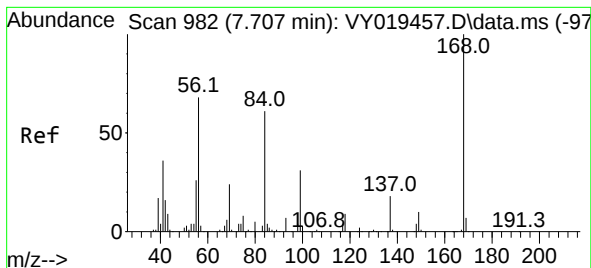
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

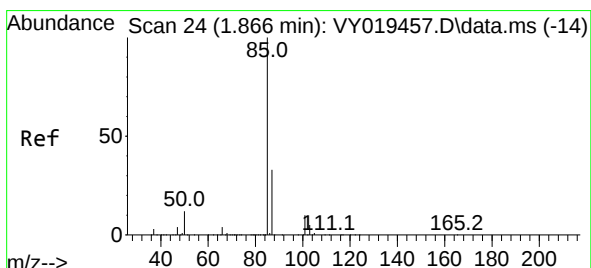
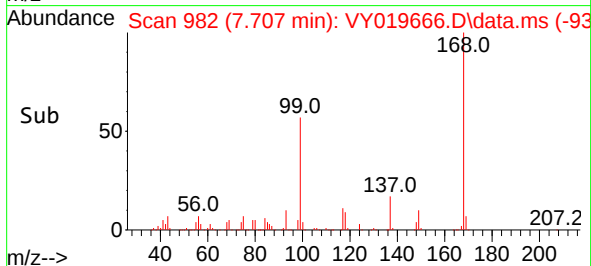
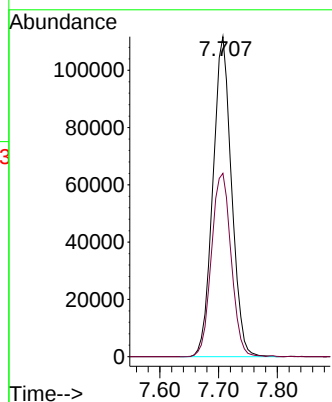
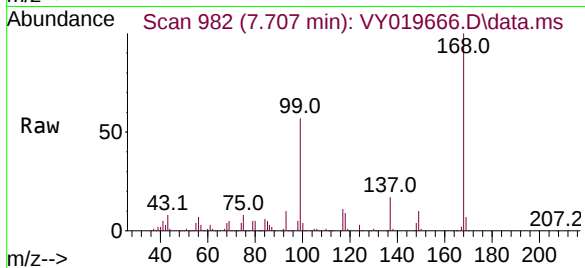
ClientSampleId :

Tgt Ion:168 Resp: 246121

Ion Ratio Lower Upper

168 100

99 57.3 39.1 58.7



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.873 min Scan# 25

Delta R.T. 0.007 min

Lab File: VY019666.D

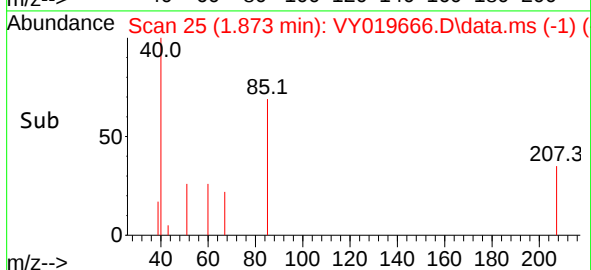
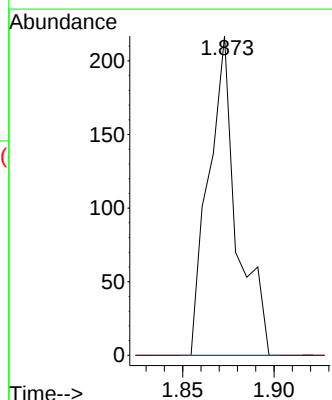
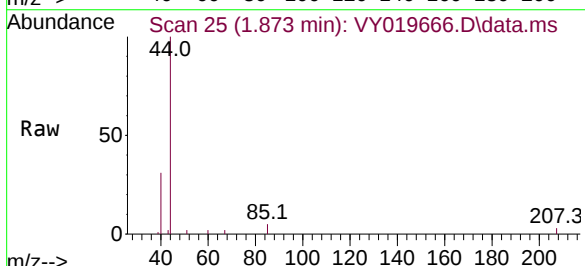
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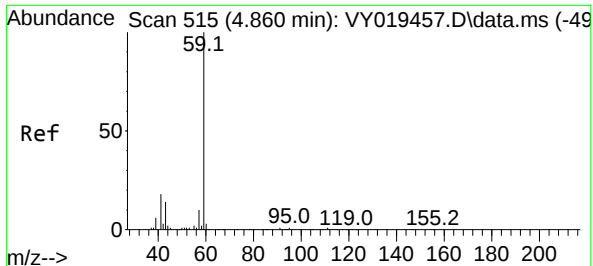
Tgt Ion: 85 Resp: 233

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#

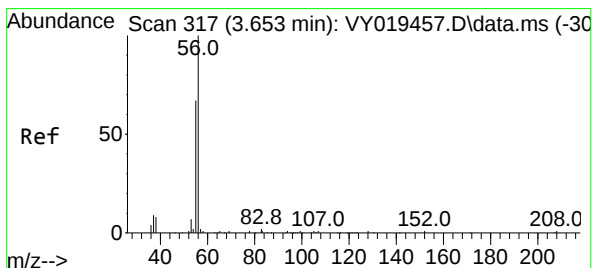
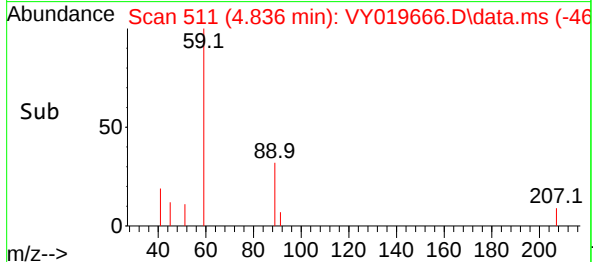
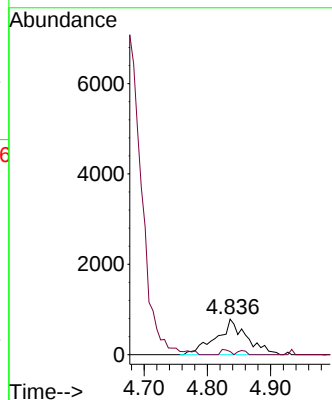
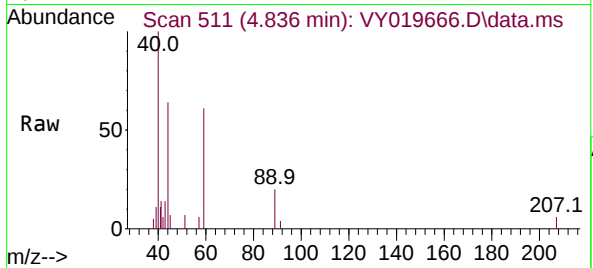




#11
Tert butyl alcohol
Concen: 14.214 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

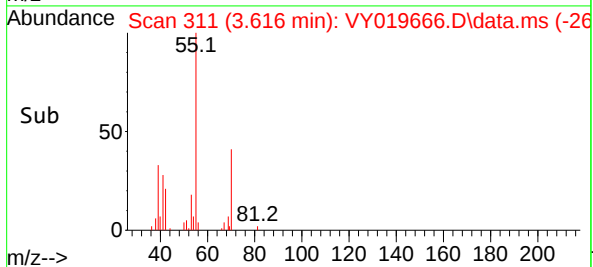
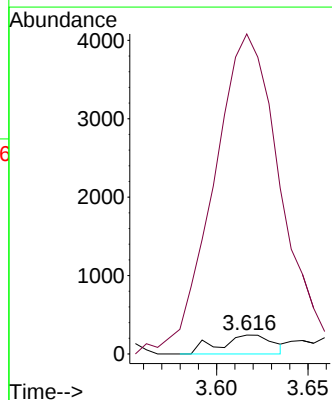
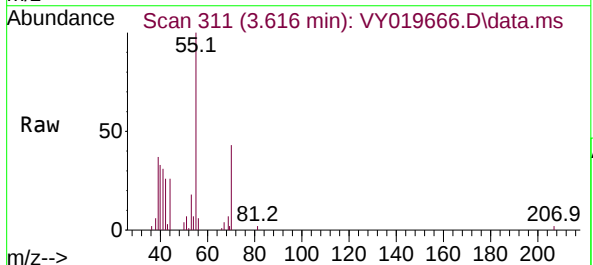
Instrument :
MSVOA_Y
ClientSampleId :

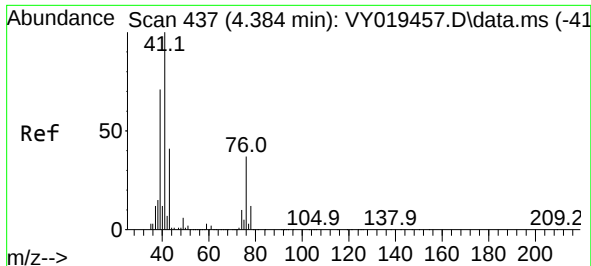
Tgt Ion: 59 Resp: 2616
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.616 min Scan# 311
Delta R.T. -0.037 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

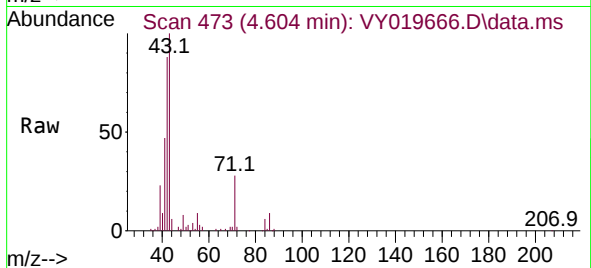
Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
55 2203.1 55.7 83.5#



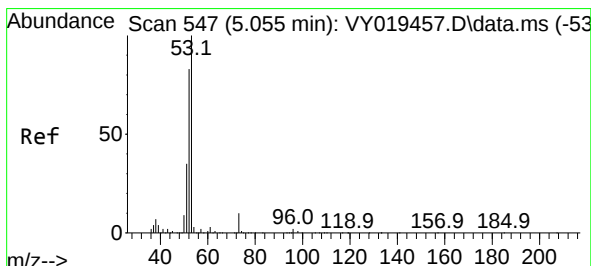
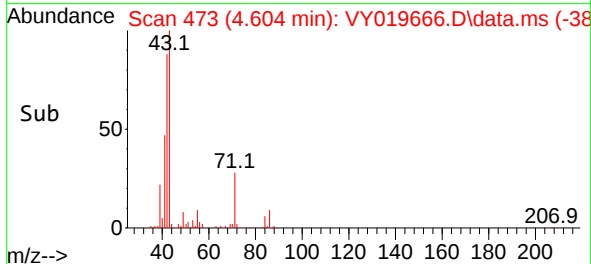
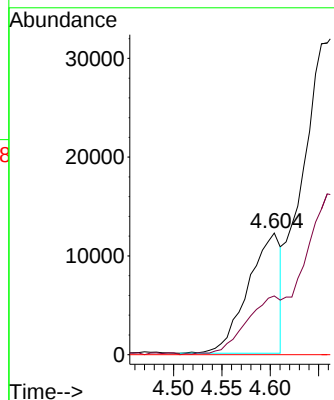


#14
Allyl chloride
Concen: 7.302 ug/l
RT: 4.604 min Scan# 41
Delta R.T. 0.220 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

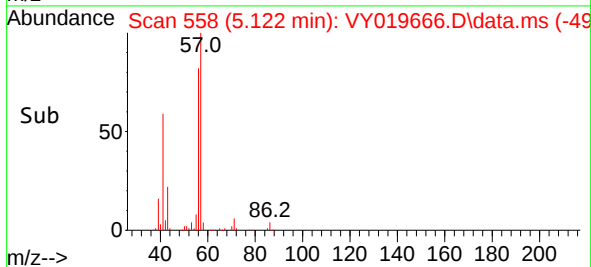
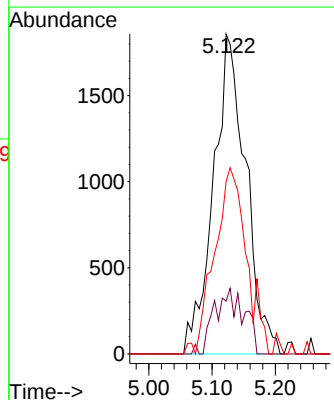
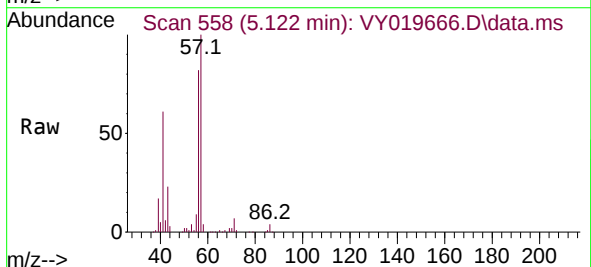


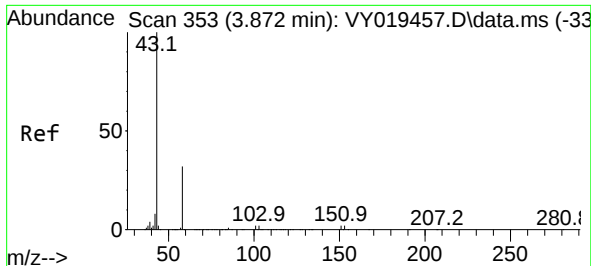
Tgt Ion: 41 Resp: 28593
Ion Ratio Lower Upper
41 100
39 51.8 58.3 87.5#
76 0.0 39.0 58.6#



#15
Acrylonitrile
Concen: 12.397 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.067 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 53 Resp: 6586
Ion Ratio Lower Upper
53 100
52 13.6 64.7 97.1#
51 57.6 28.4 42.6#

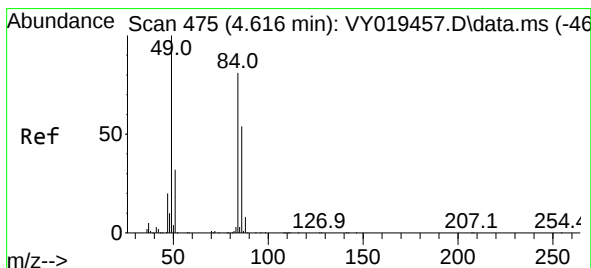
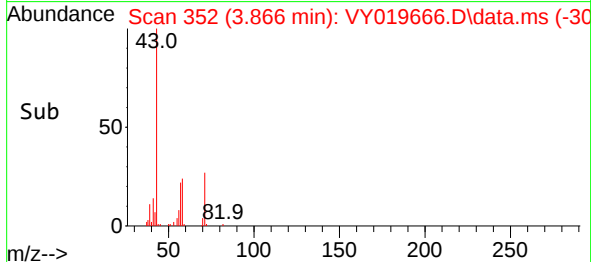
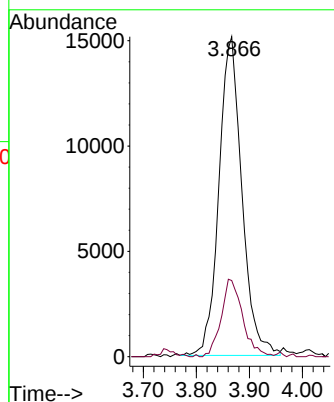
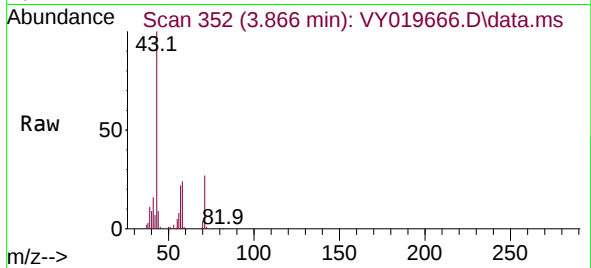




#16
Acetone
Concen: 83.911 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

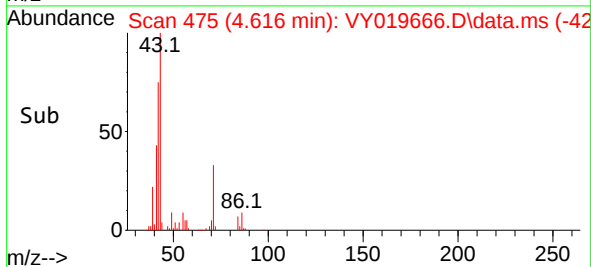
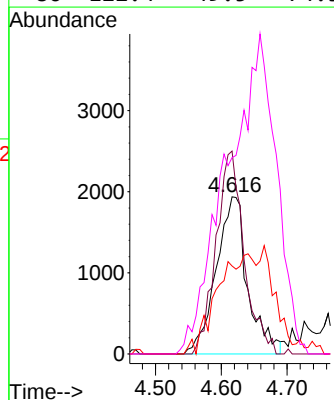
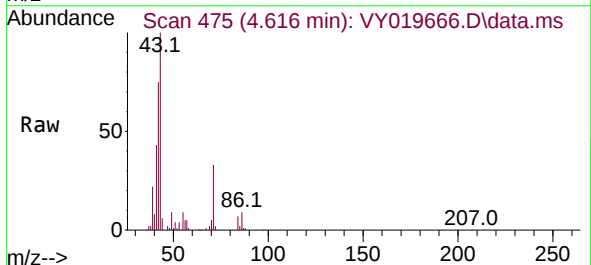
Instrument :
MSVOA_Y
ClientSampleId :

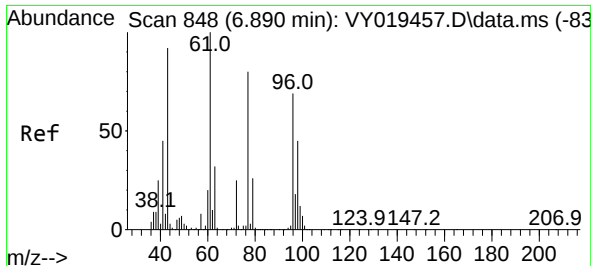
Tgt Ion: 43 Resp: 45559
Ion Ratio Lower Upper
43 100
58 23.4 31.7 47.5#



#20
Methylene Chloride
Concen: 2.599 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

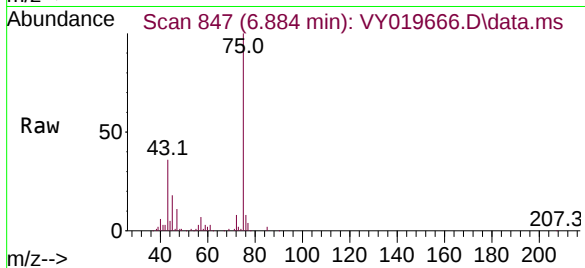
Tgt Ion: 84 Resp: 6436
Ion Ratio Lower Upper
84 100
49 129.2 84.4 126.6#
51 56.0 26.0 39.0#
86 122.4 49.5 74.3#



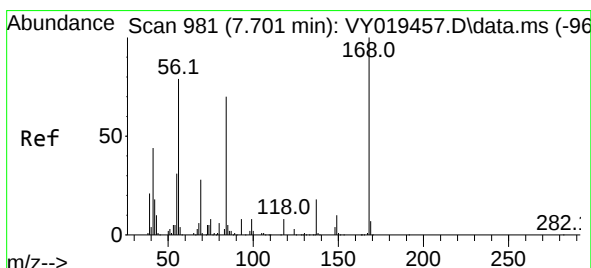
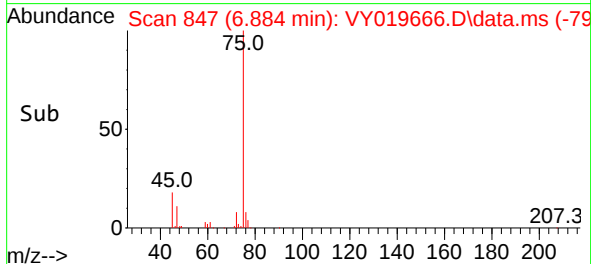
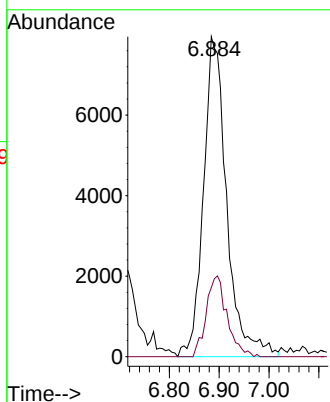


#25
2-Butanone
Concen: 33.319 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

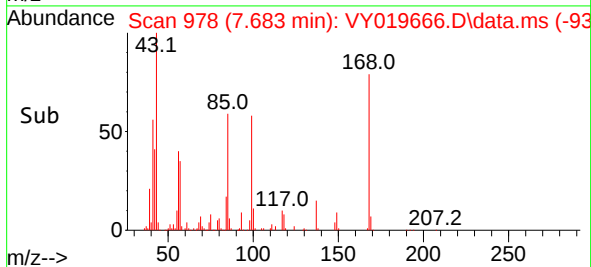
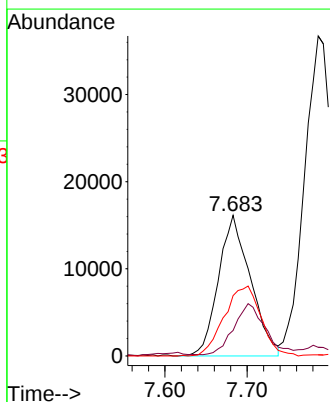
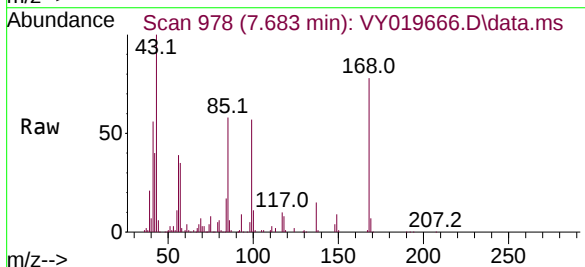


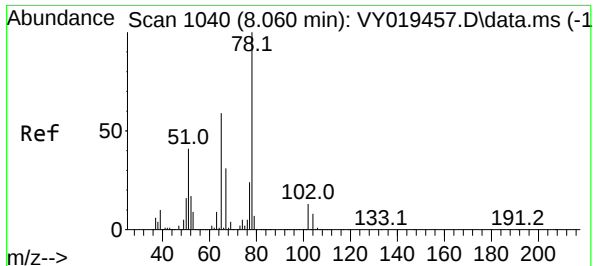
Tgt Ion: 43 Resp: 25729
Ion Ratio Lower Upper
43 100
72 21.6 27.3 40.9#



#31
Cyclohexane
Concen: 10.744 ug/l
RT: 7.683 min Scan# 978
Delta R.T. -0.018 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 56 Resp: 43821
Ion Ratio Lower Upper
56 100
69 15.5 28.7 43.1#
84 42.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.167 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

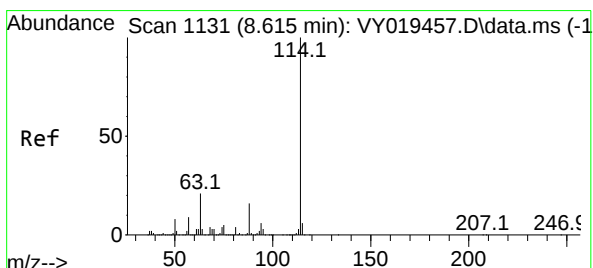
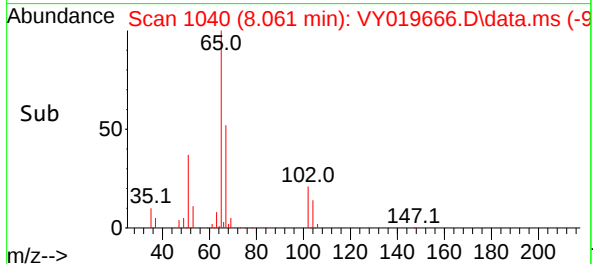
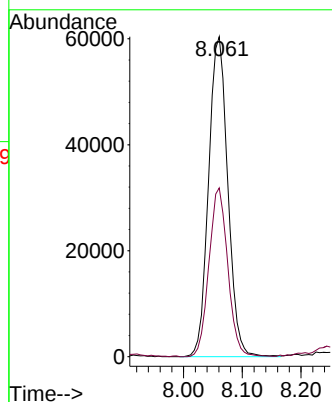
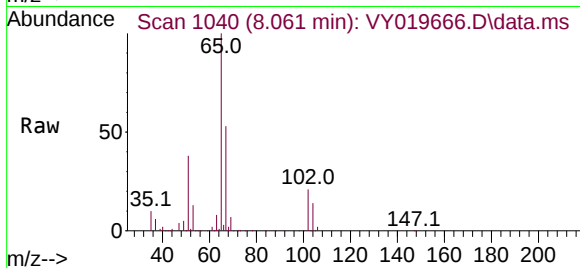
ClientSampleId :

Tgt Ion: 65 Resp: 137122

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

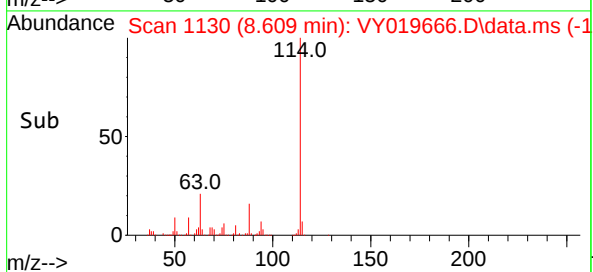
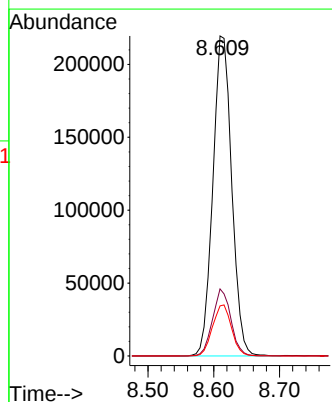
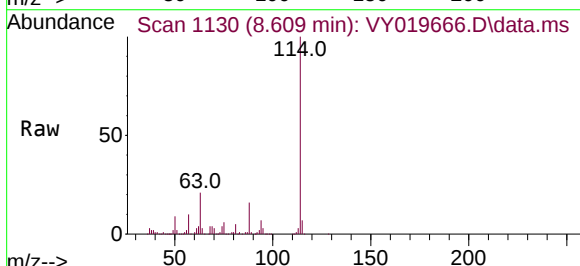
Tgt Ion: 114 Resp: 437830

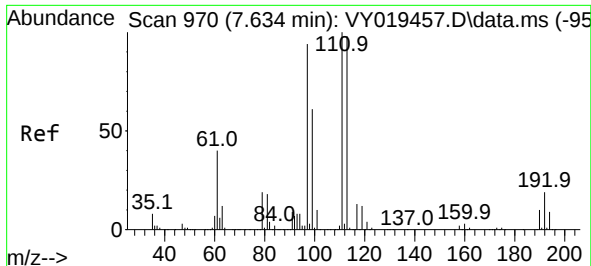
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

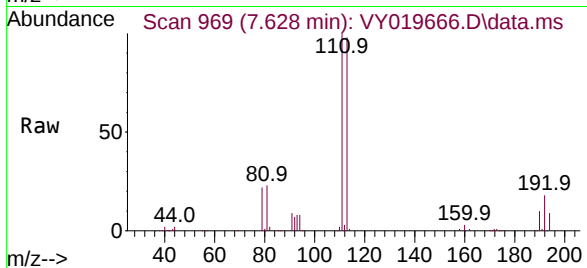
88 15.6 0.0 27.2



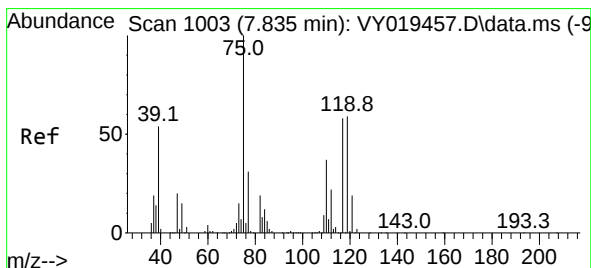
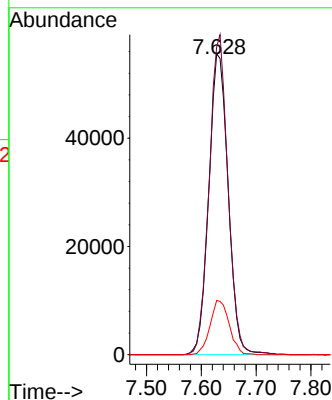
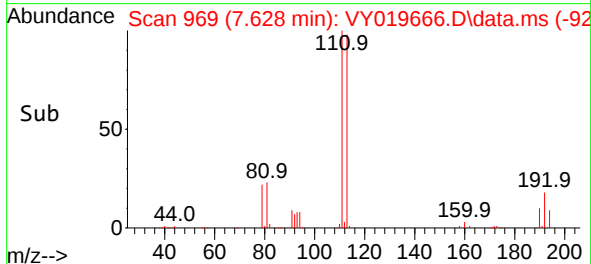


#35
Dibromofluoromethane
Concen: 54.909 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

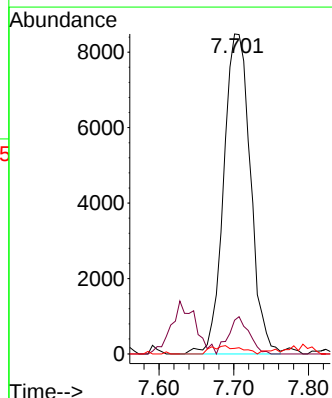
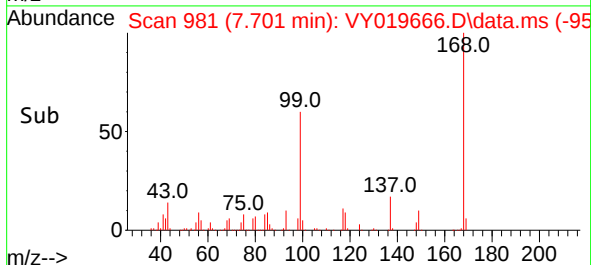
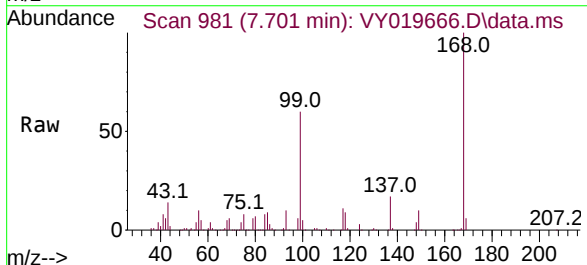


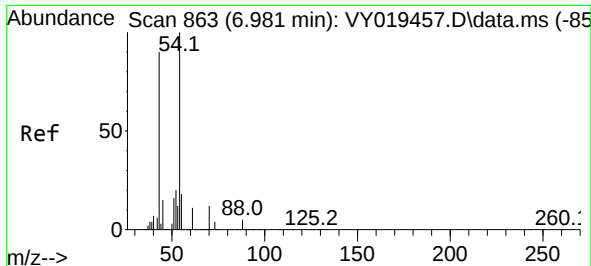
Tgt Ion:113 Resp: 136307
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.243 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 75 Resp: 21087
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 2.8 25.3 37.9#





#37

Ethyl Acetate

Concen: 14.866 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.097 min

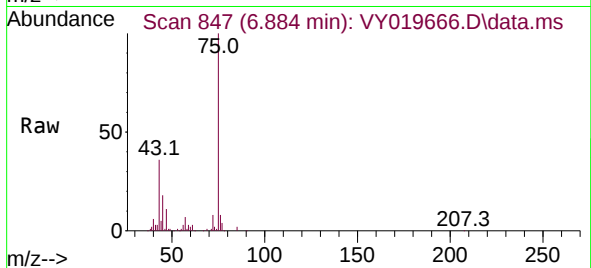
Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

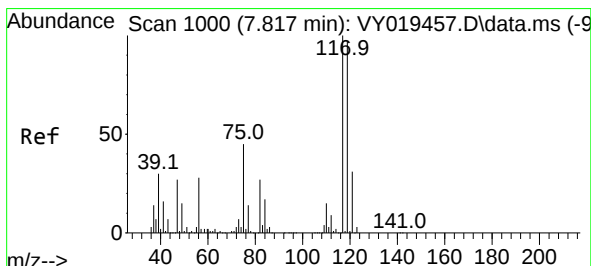
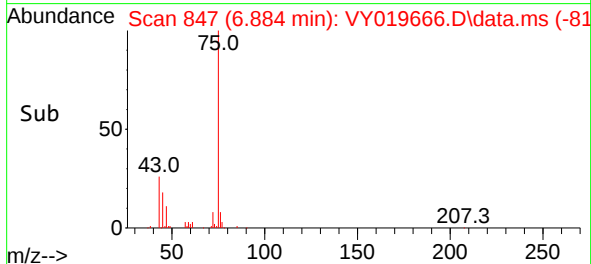
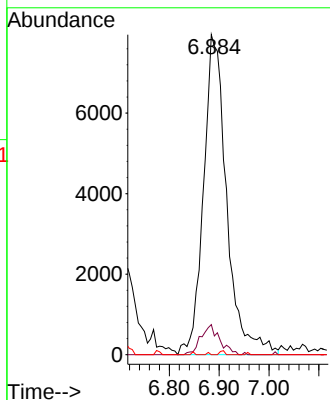
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	25729
Ion	Ratio	Lower	Upper
43	100		
61	7.6	12.6	19.0#
70	0.1	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.941 ug/l

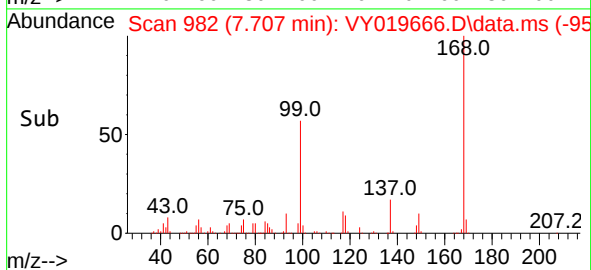
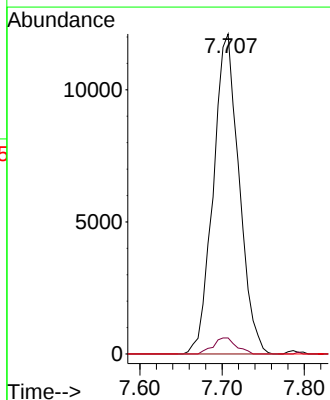
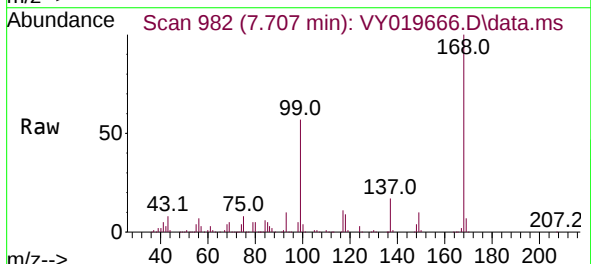
RT: 7.707 min Scan# 982

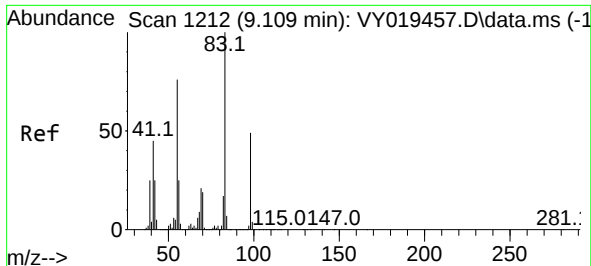
Delta R.T. -0.109 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Tgt Ion:	117	Resp:	26440
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.6#
121	0.0	24.0	36.0#





#39

Methylcyclohexane

Concen: 15.645 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

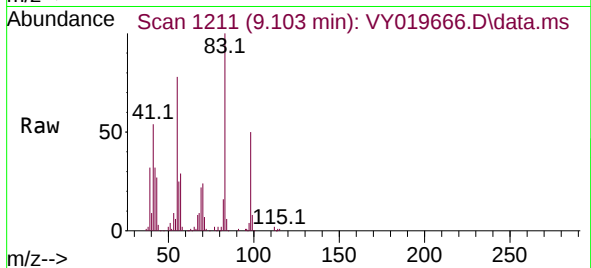
Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :



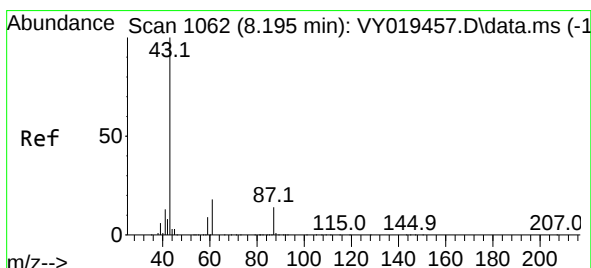
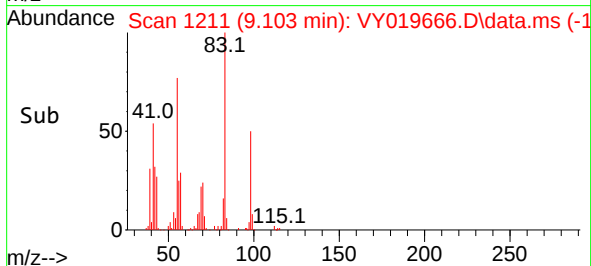
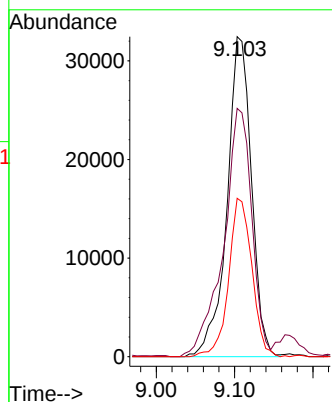
Tgt Ion: 83 Resp: 70329

Ion Ratio Lower Upper

83 100

55 77.6 51.5 77.3#

98 49.5 40.5 60.7



#43

Isopropyl Acetate

Concen: 3.250 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

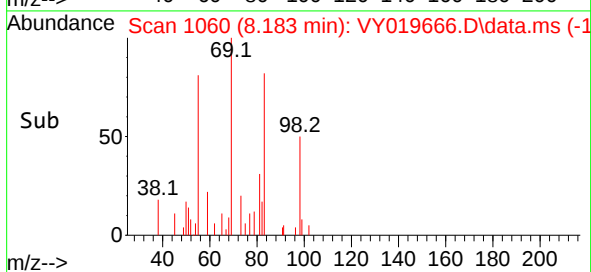
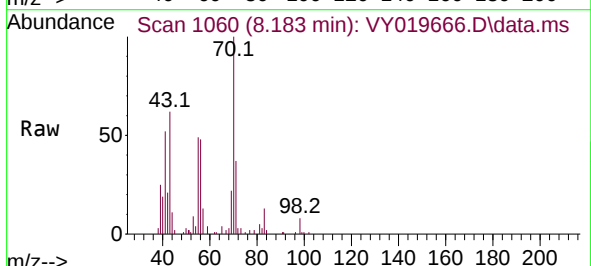
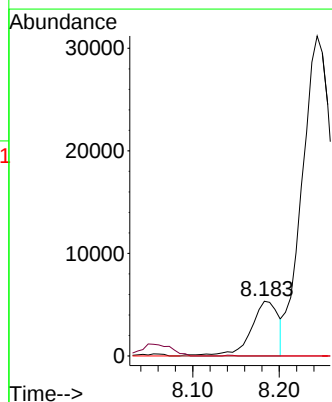
Tgt Ion: 43 Resp: 11818

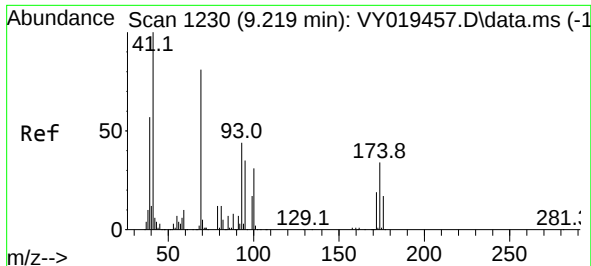
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#





#48

Methyl methacrylate

Concen: 1.918 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.025 min

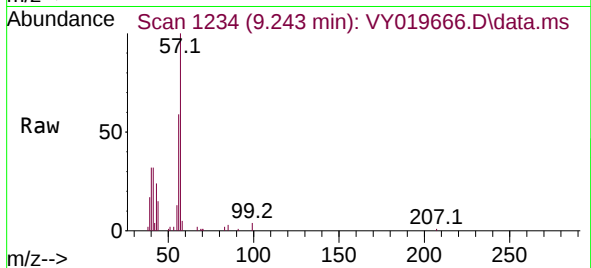
Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :



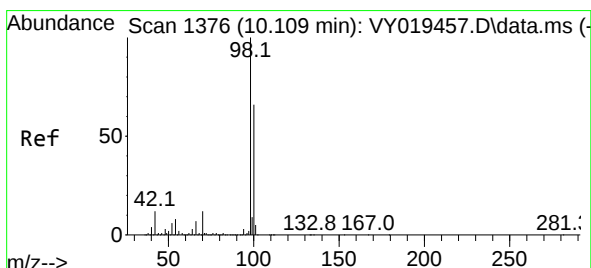
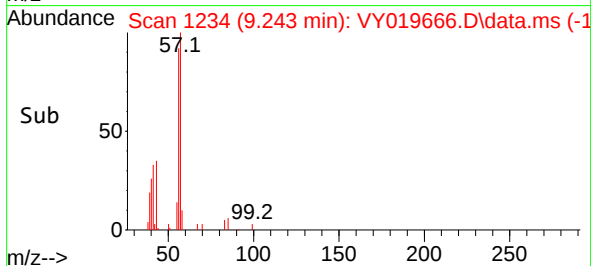
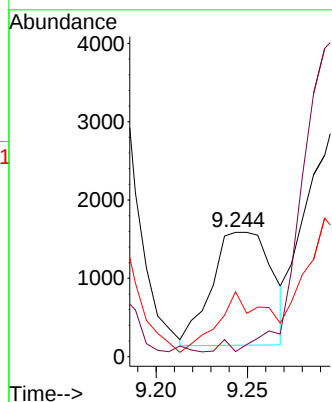
Tgt Ion: 41 Resp: 3293

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 43.4 43.6 65.4#



#50

Toluene-d8

Concen: 56.678 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019666.D

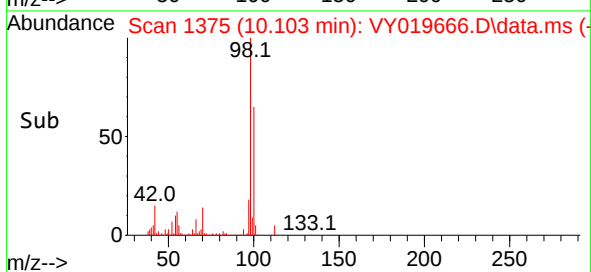
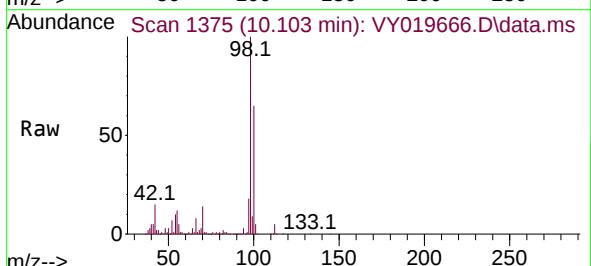
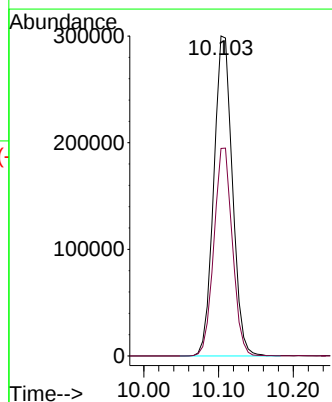
Acq: 23 Sep 2024 14:28

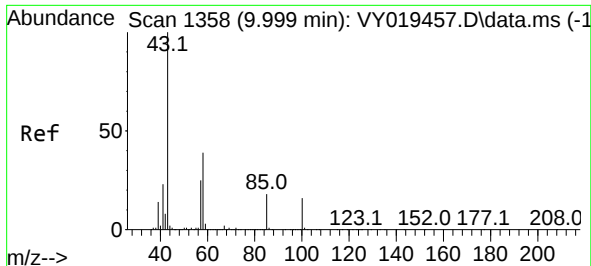
Tgt Ion: 98 Resp: 520407

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

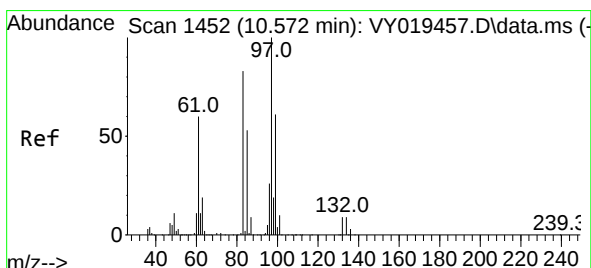
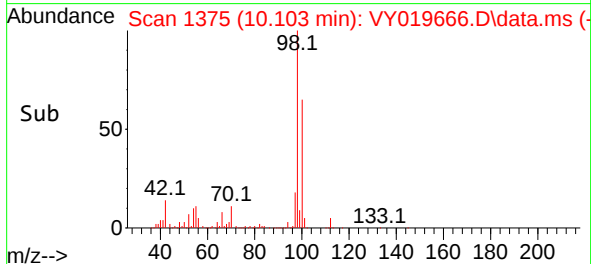
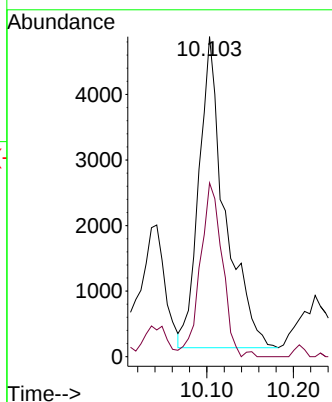
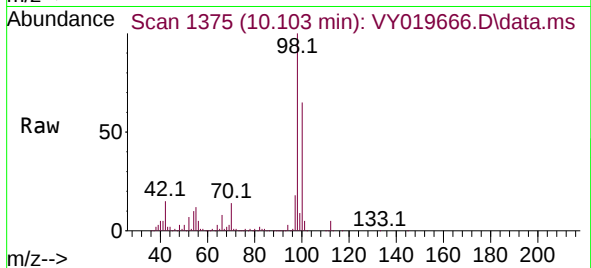




#51
4-Methyl-2-Pentanone
Concen: 5.448 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

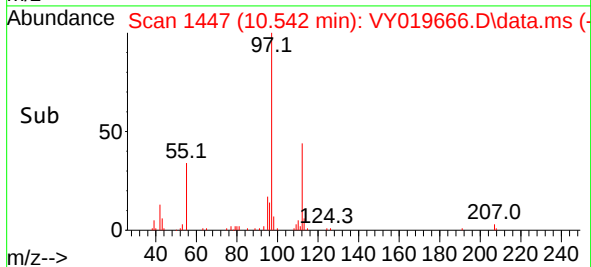
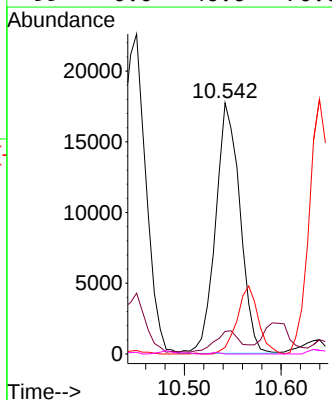
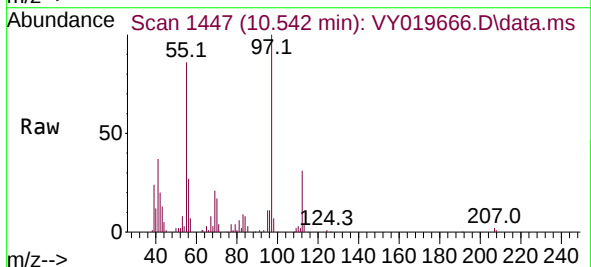
Instrument :
MSVOA_Y
ClientSampleId :

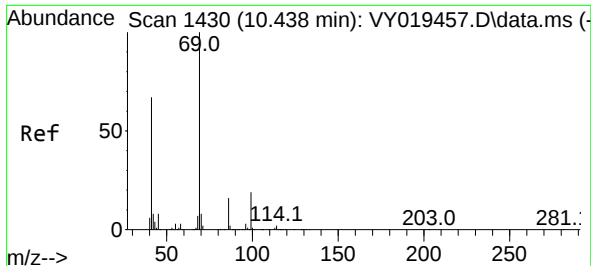
Tgt Ion: 43 Resp: 9966
Ion Ratio Lower Upper
43 100
58 46.9 35.7 53.5



#55
1,1,2-Trichloroethane
Concen: 16.132 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 97 Resp: 30986
Ion Ratio Lower Upper
97 100
83 8.1 67.5 101.3#
85 2.6 42.9 64.3#
99 0.0 46.6 70.0#

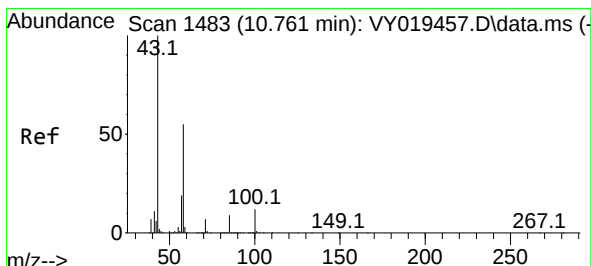
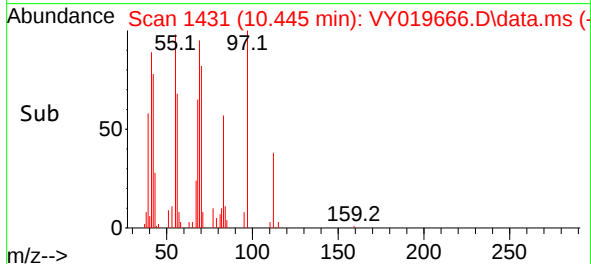
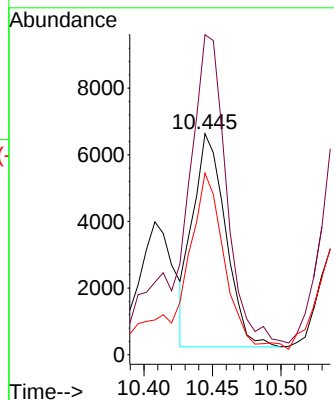
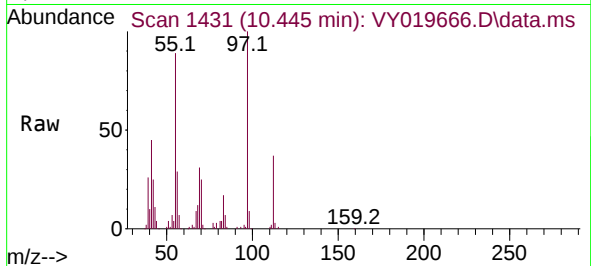




#56
Ethyl methacrylate
Concen: 3.647 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

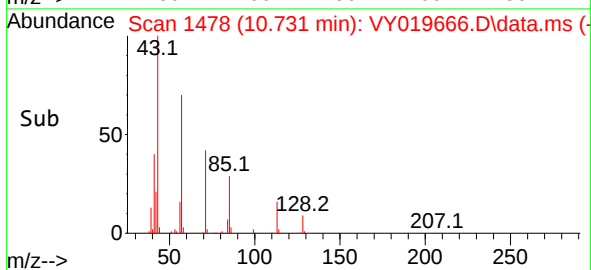
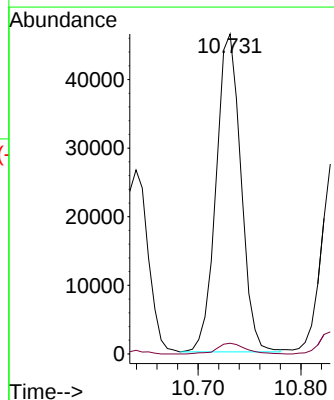
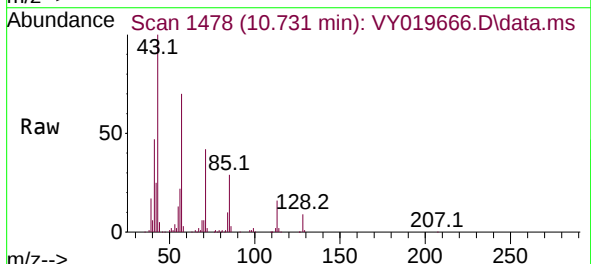
Instrument :
MSVOA_Y
ClientSampleId :

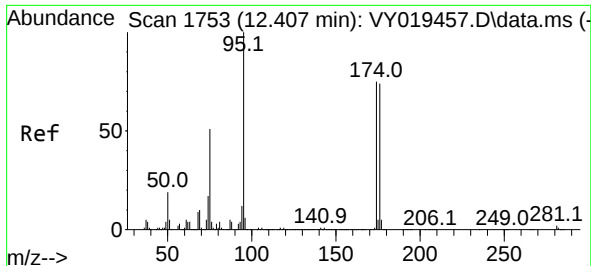
Tgt Ion: 69 Resp: 10640
Ion Ratio Lower Upper
69 100
41 189.2 42.3 63.5#
39 110.5 22.9 34.3#



#59
2-Hexanone
Concen: 57.898 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 43 Resp: 77648
Ion Ratio Lower Upper
43 100
58 3.9 31.4 94.0#

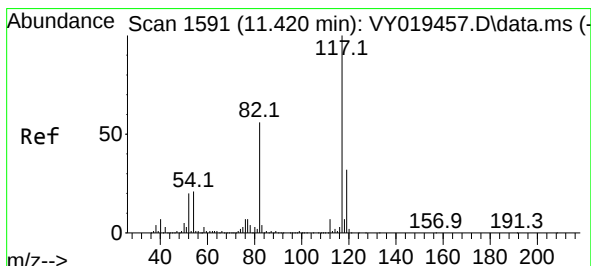
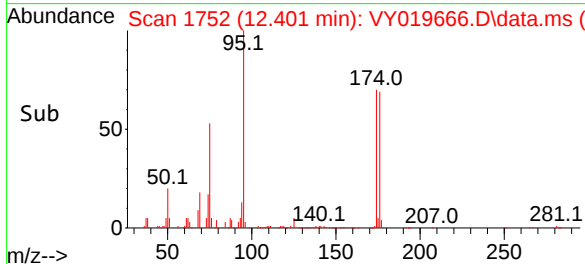
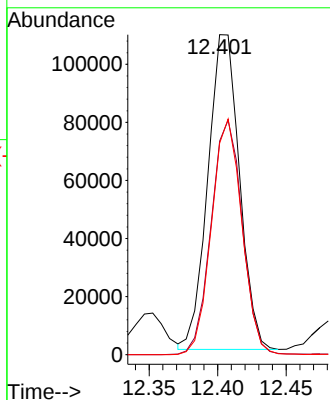
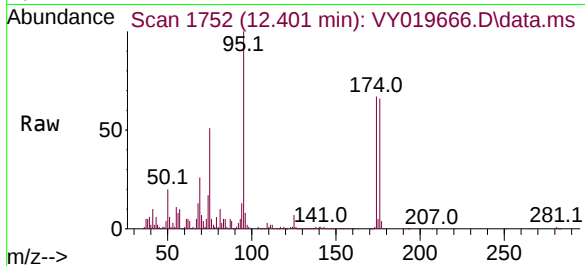




#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 12.401 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

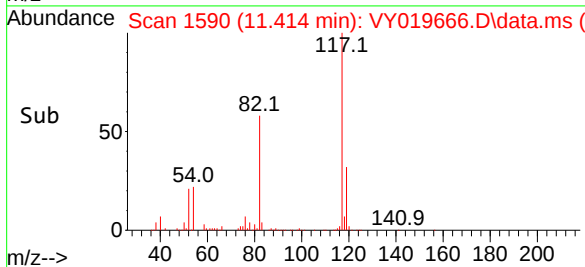
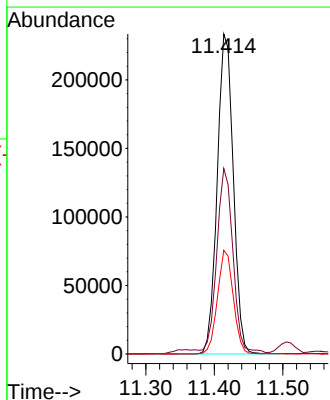
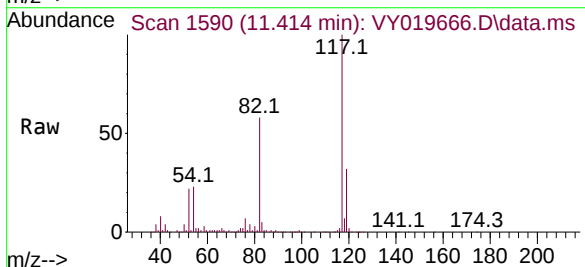
Instrument :
MSVOA_Y
ClientSampleId :

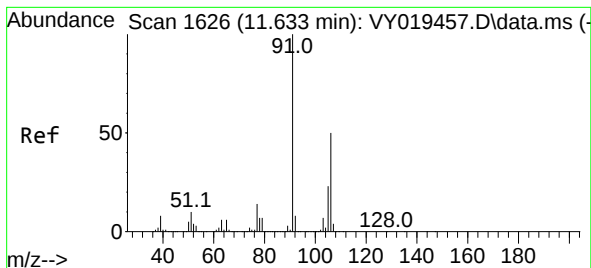
Tgt Ion: 95 Resp: 173803
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 117 Resp: 379397
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 32.4 25.9 38.9

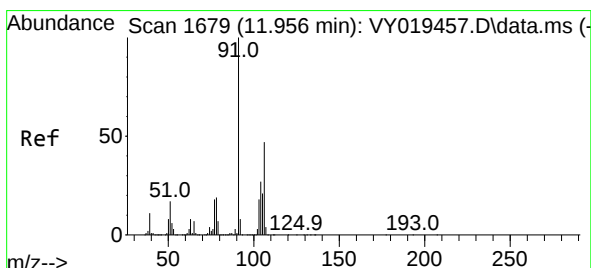
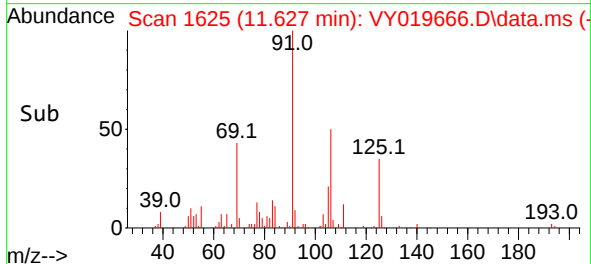
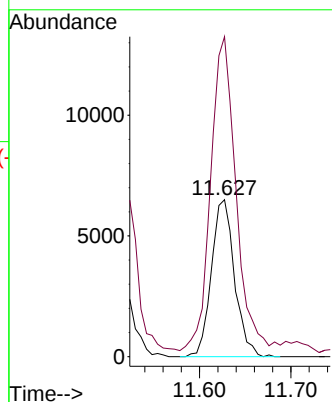
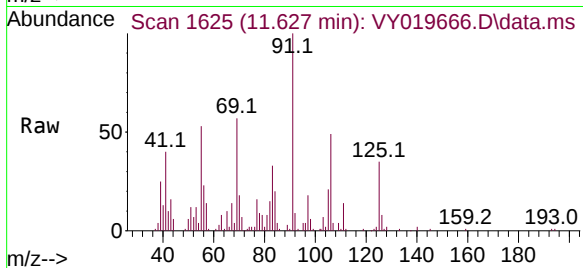




#68
m/p-Xylenes
Concen: 2.280 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

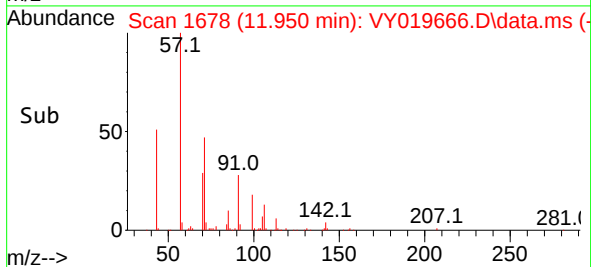
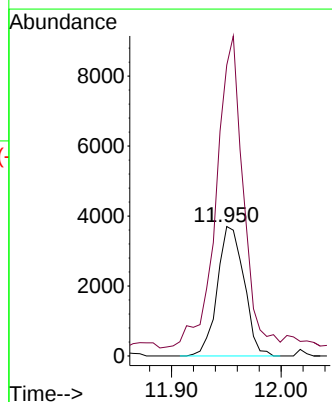
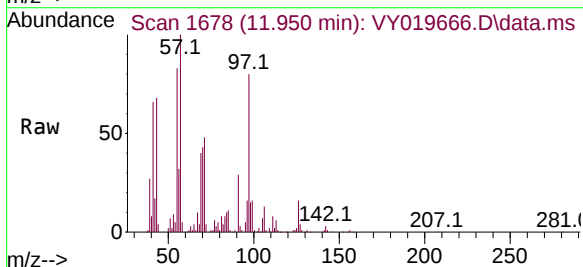
Instrument :
MSVOA_Y
ClientSampleId :

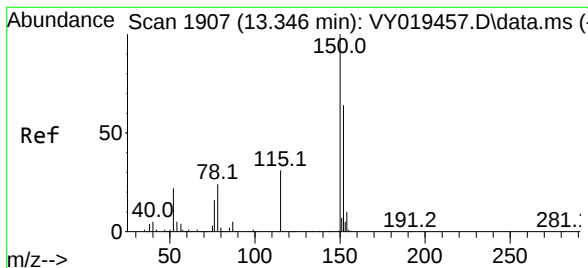
Tgt Ion:106 Resp: 11432
Ion Ratio Lower Upper
106 100
91 219.0 156.0 234.0



#69
o-Xylene
Concen: 1.275 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion:106 Resp: 6250
Ion Ratio Lower Upper
106 100
91 240.8 103.6 310.8

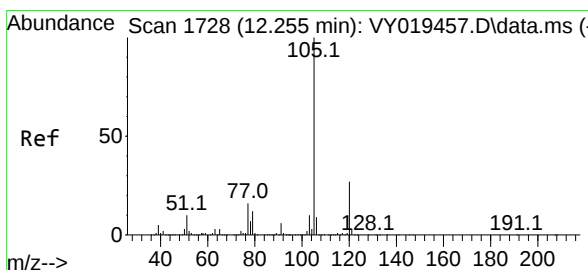
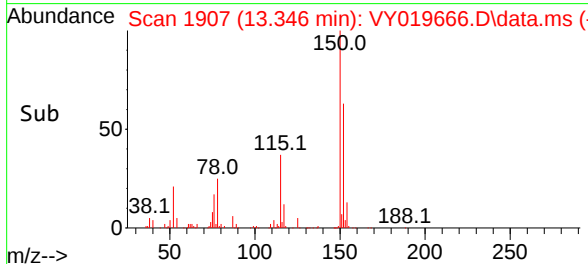
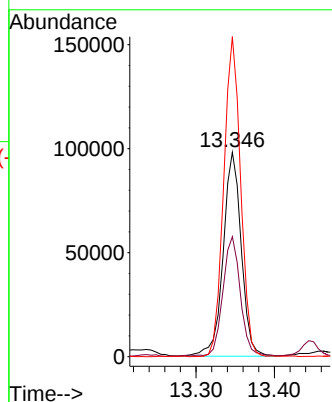
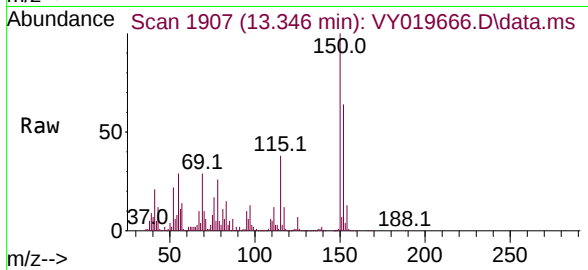




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019666.D
 Acq: 23 Sep 2024 14:28

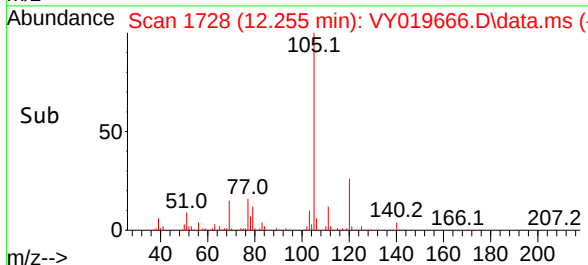
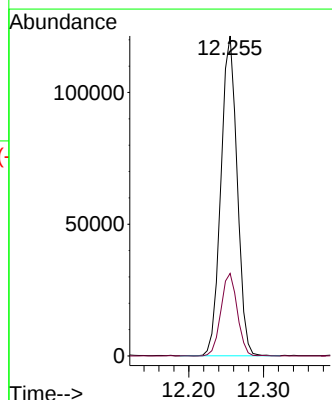
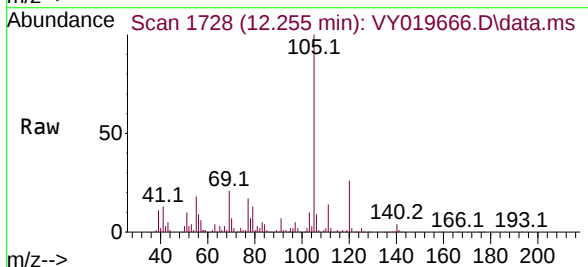
Instrument :
 MSVOA_Y
 ClientSampleId :

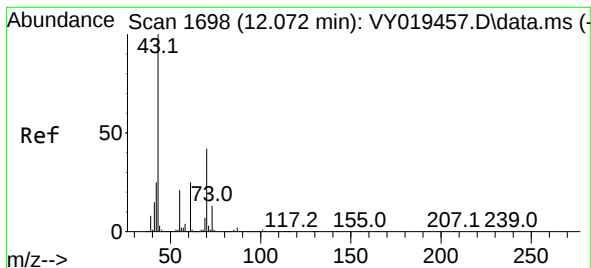
Tgt Ion:152 Resp: 157433
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 146.4 0.0 345.6



#73
 Isopropylbenzene
 Concen: 16.093 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. 0.000 min
 Lab File: VY019666.D
 Acq: 23 Sep 2024 14:28

Tgt Ion:105 Resp: 183799
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.4 40.1





#74

N-amy1 acetate

Concen: 40.870 ug/l

RT: 12.048 min Scan# 1

Delta R.T. -0.024 min

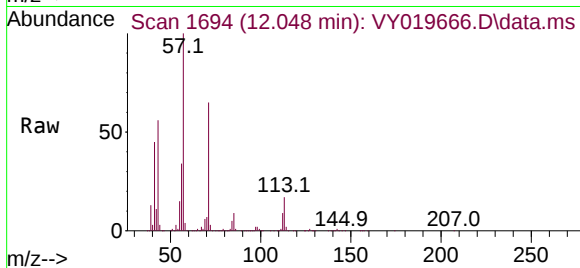
Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 126951

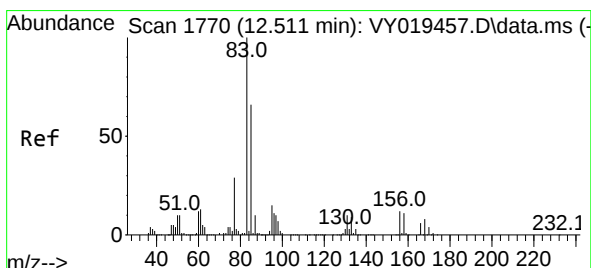
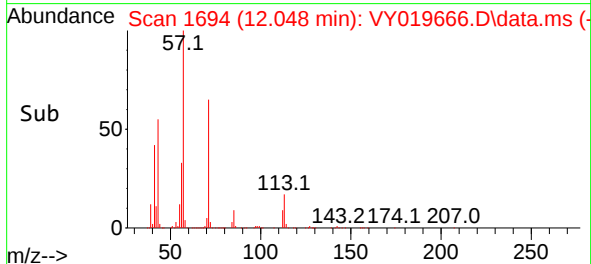
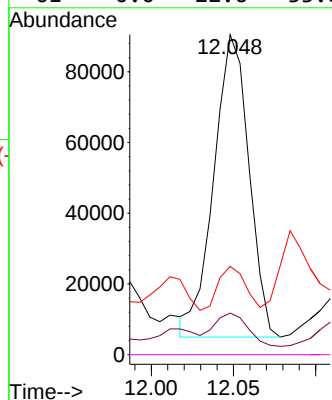
Ion Ratio Lower Upper

43 100

70 10.5 41.4 62.2#

55 11.3 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 7.541 ug/l

RT: 12.475 min Scan# 1764

Delta R.T. -0.036 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

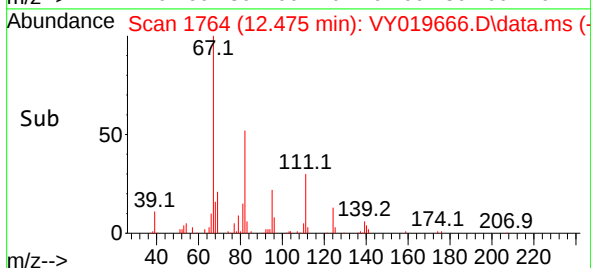
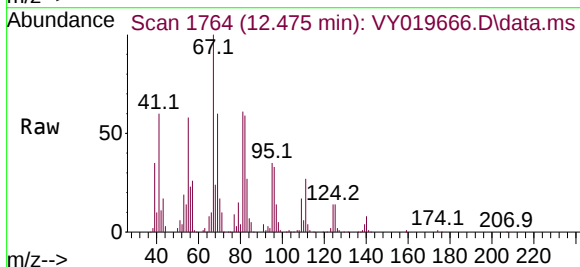
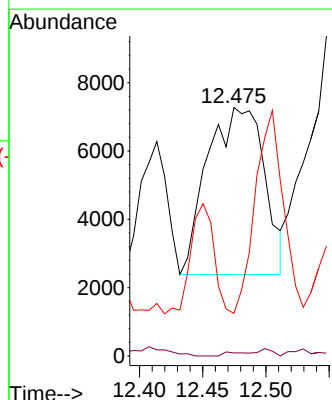
Tgt Ion: 83 Resp: 15287

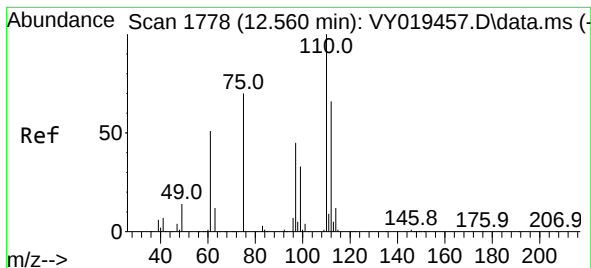
Ion Ratio Lower Upper

83 100

131 0.9 5.0 14.9#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 2.703 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.037 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

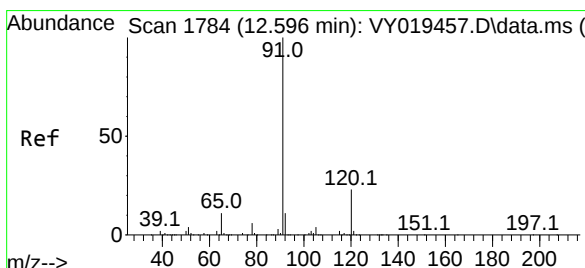
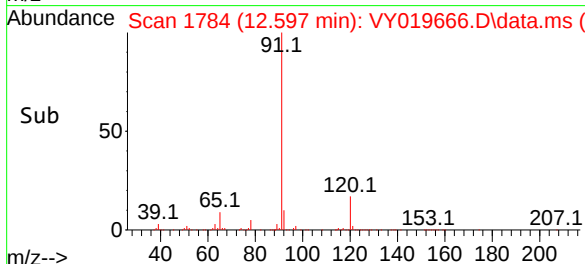
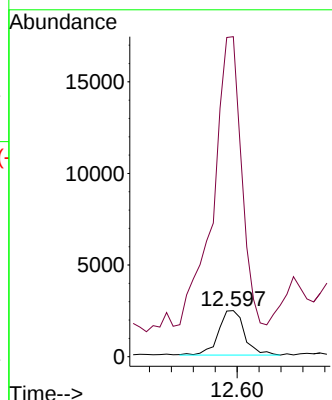
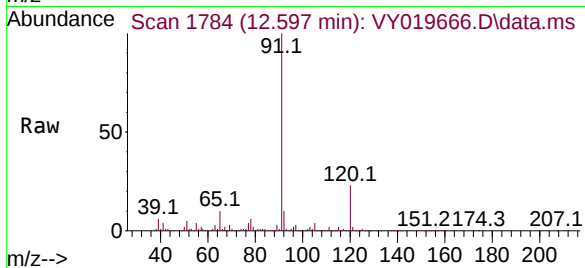
ClientSampleId :

Tgt Ion: 75 Resp: 3989

Ion Ratio Lower Upper

75 100

77 768.3 0.0 0.0#



#78

n-propylbenzene

Concen: 45.474 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019666.D

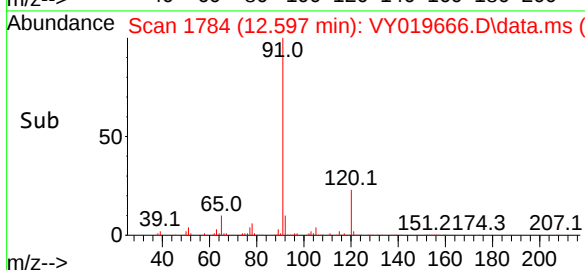
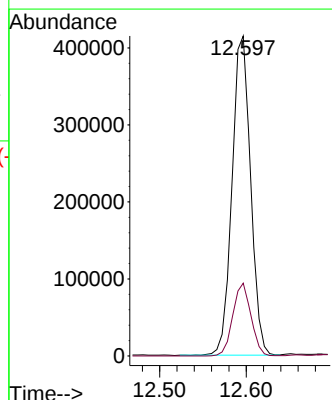
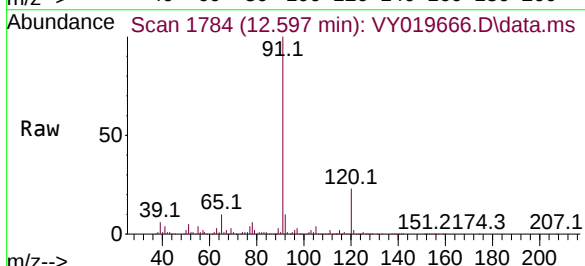
Acq: 23 Sep 2024 14:28

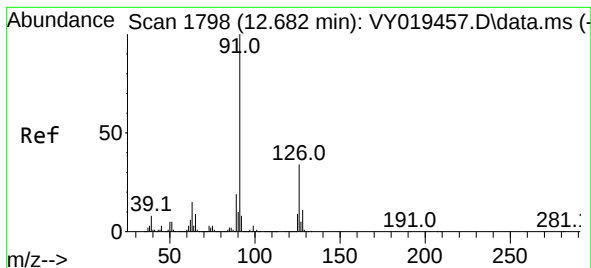
Tgt Ion: 91 Resp: 615598

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

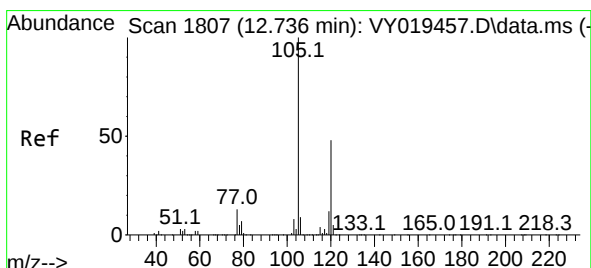
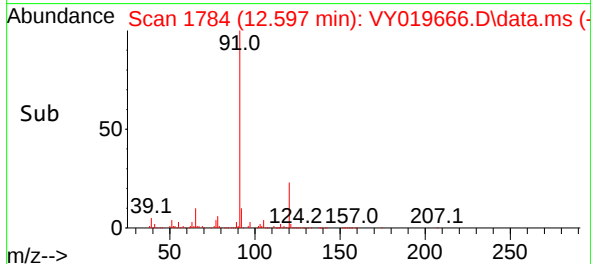
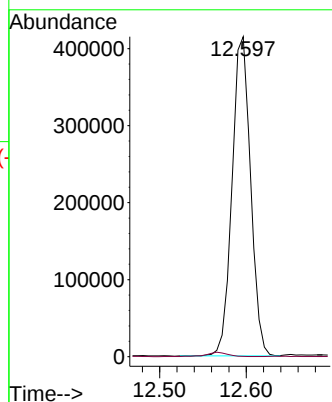
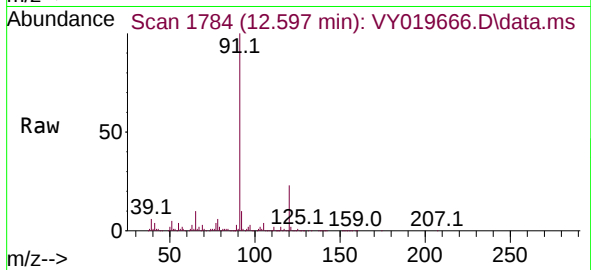




#79
2-Chlorotoluene
Concen: 78.030 ug/l
RT: 12.597 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

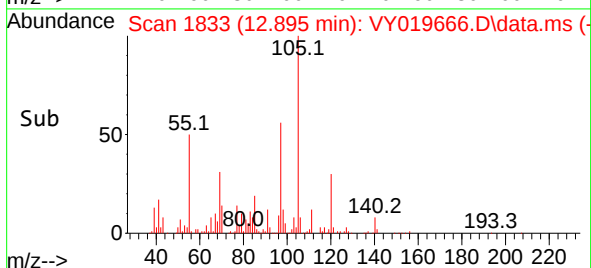
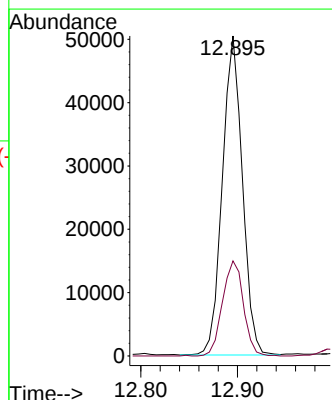
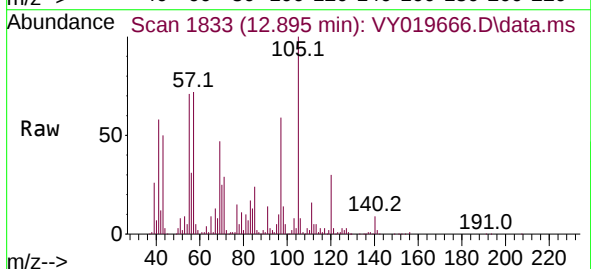
Instrument :
MSVOA_Y
ClientSampleId :

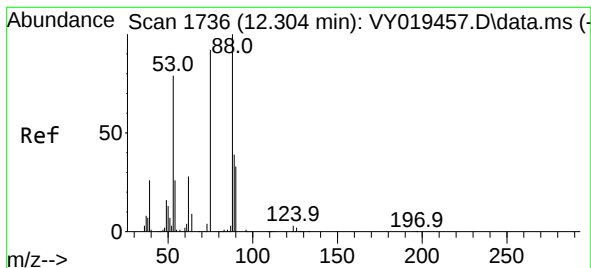
Tgt Ion: 91 Resp: 615598
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 7.794 ug/l
RT: 12.895 min Scan# 1833
Delta R.T. 0.159 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 105 Resp: 72365
Ion Ratio Lower Upper
105 100
120 31.1 25.1 75.2

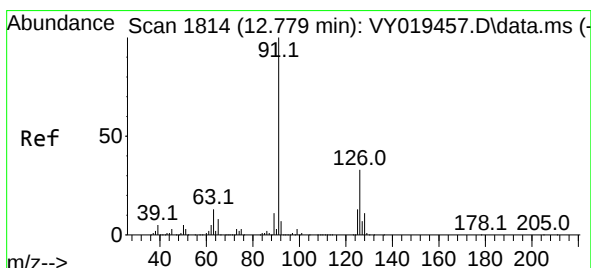
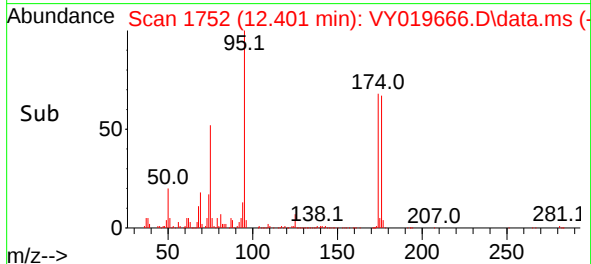
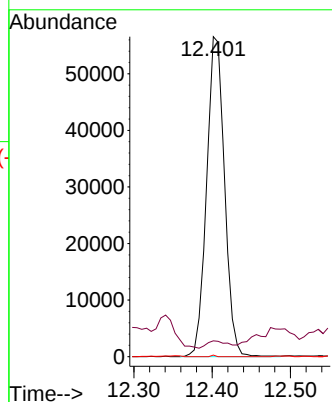
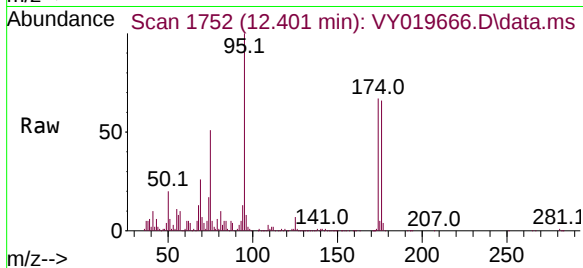




#81
trans-1,4-Dichloro-2-butene
Concen: 116.758 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

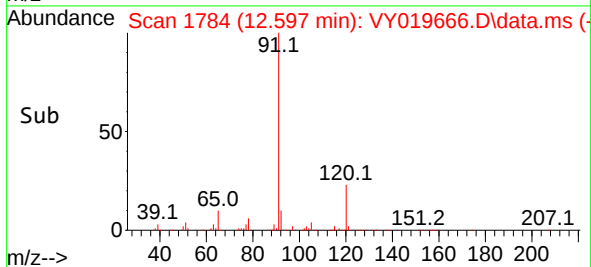
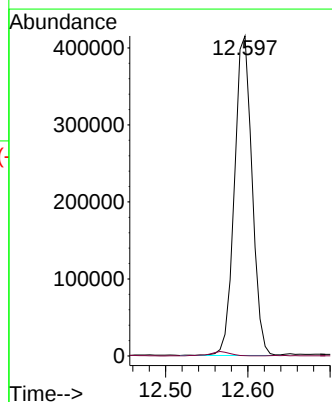
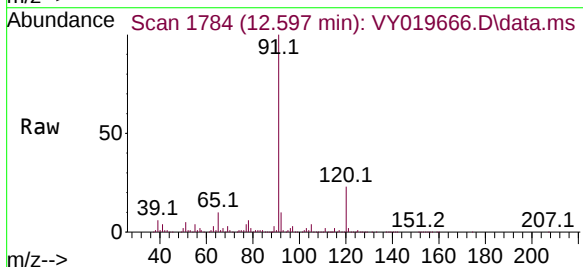
Instrument :
MSVOA_Y
ClientSampleId :

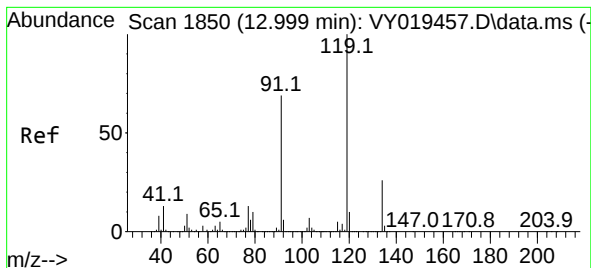
Tgt Ion: 75 Resp: 89747
Ion Ratio Lower Upper
75 100
53 2.5 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 76.140 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.183 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 91 Resp: 617543
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 1.828 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

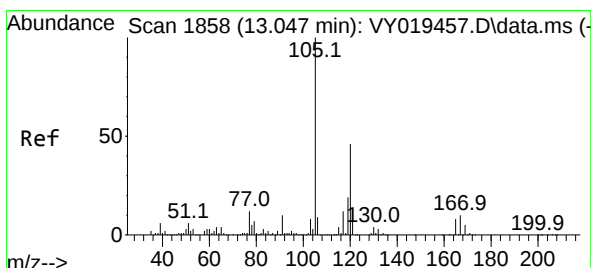
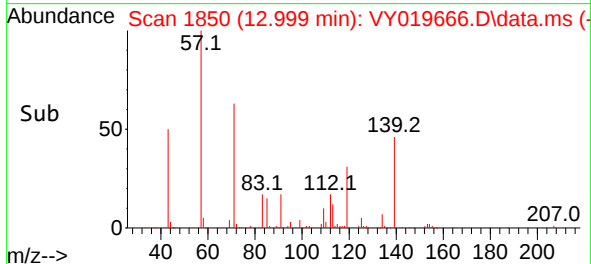
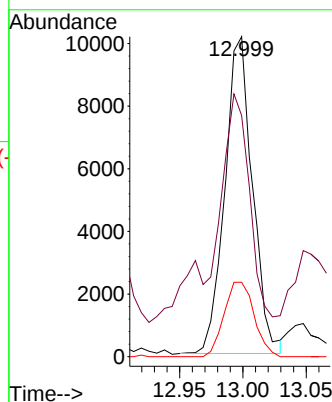
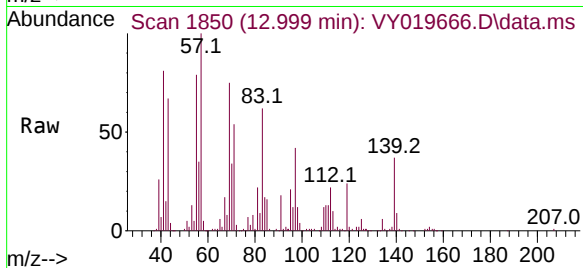
Tgt Ion:119 Resp: 15365

Ion Ratio Lower Upper

119 100

91 68.8 31.3 93.8

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 7.874 ug/l

RT: 12.895 min Scan# 1833

Delta R.T. -0.152 min

Lab File: VY019666.D

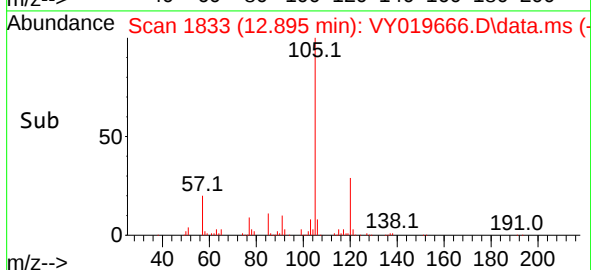
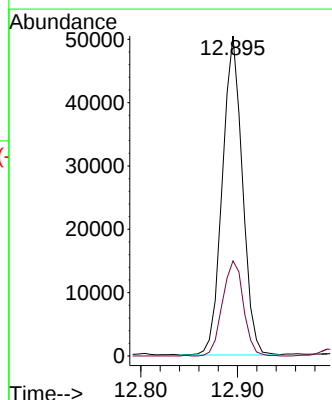
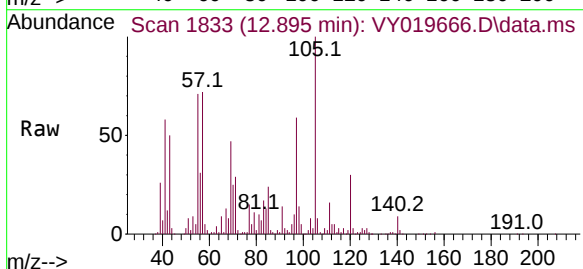
Acq: 23 Sep 2024 14:28

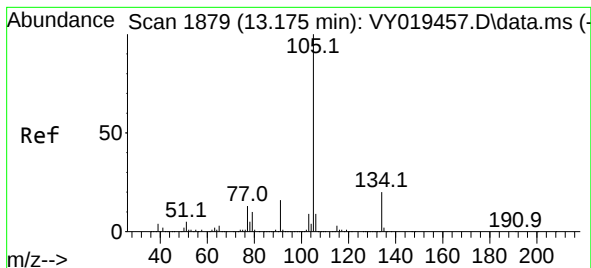
Tgt Ion:105 Resp: 72365

Ion Ratio Lower Upper

105 100

120 31.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.544 ug/l

RT: 13.176 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

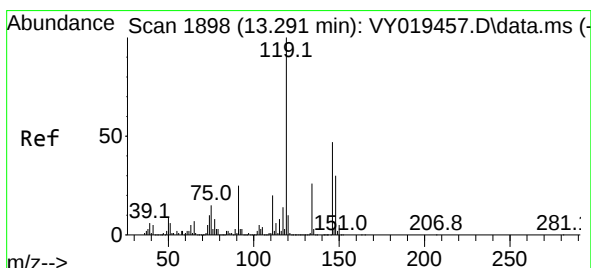
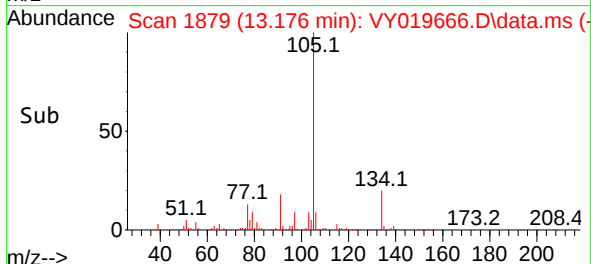
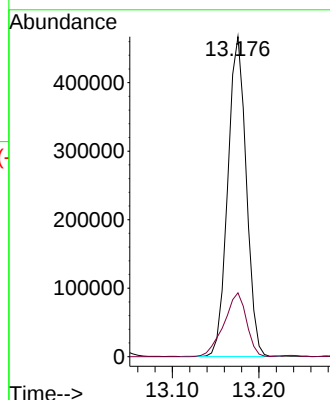
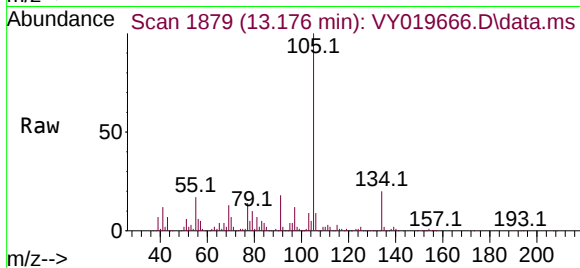
ClientSampleId :

Tgt Ion:105 Resp: 690467

Ion Ratio Lower Upper

105 100

134 24.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 11.642 ug/l

RT: 13.444 min Scan# 1923

Delta R.T. 0.153 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

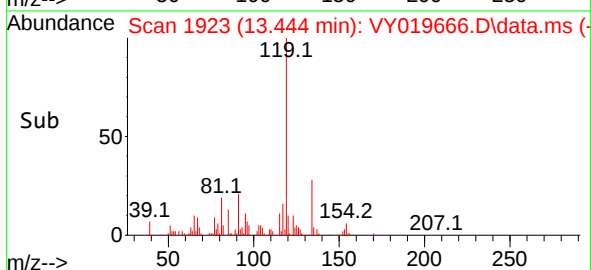
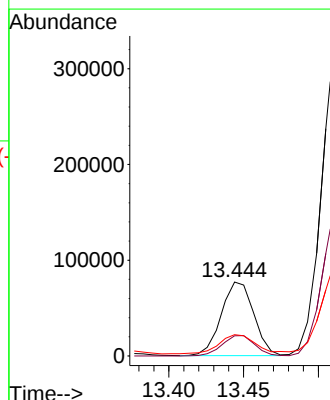
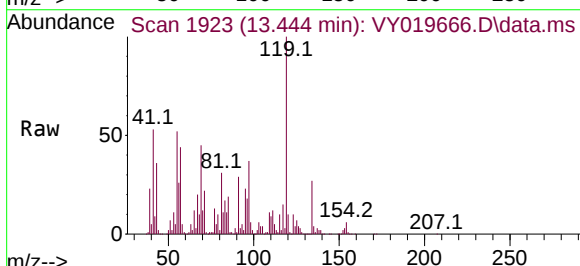
Tgt Ion:119 Resp: 116315

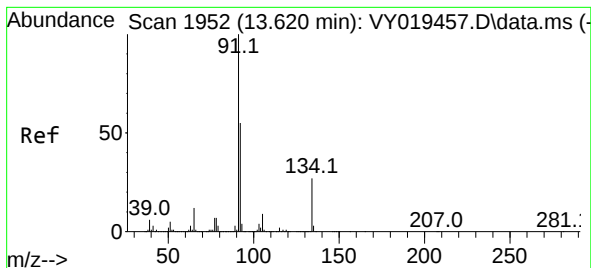
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 28.9 10.7 32.1





#89

n-Butylbenzene

Concen: 81.465 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

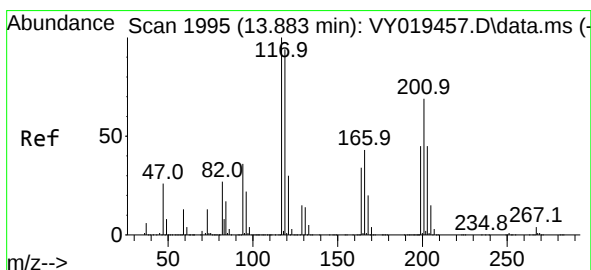
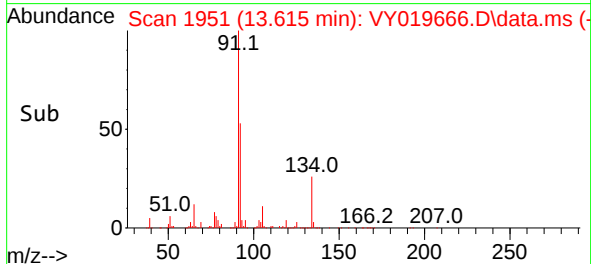
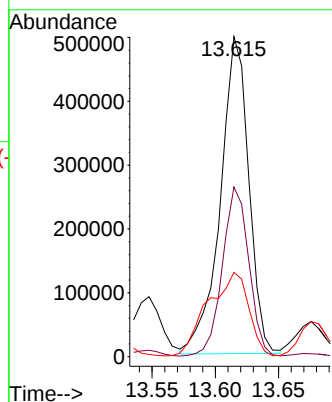
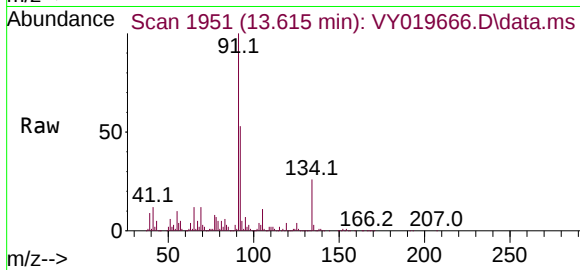
Tgt Ion: 91 Resp: 778069

Ion Ratio Lower Upper

91 100

92 49.3 26.6 79.7

134 37.6 12.9 38.7



#90

Hexachloroethane

Concen: 102.783 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY019666.D

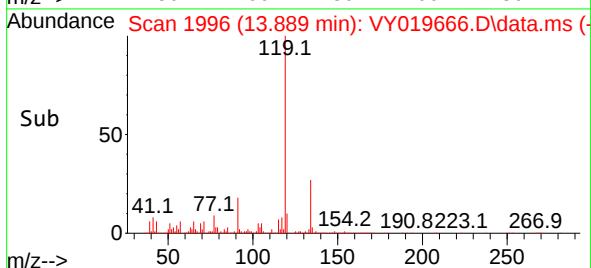
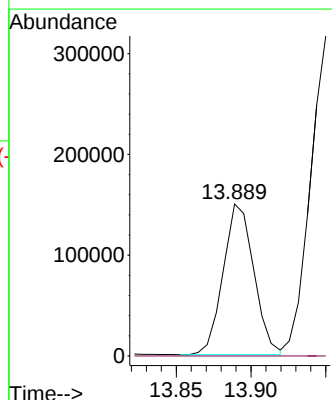
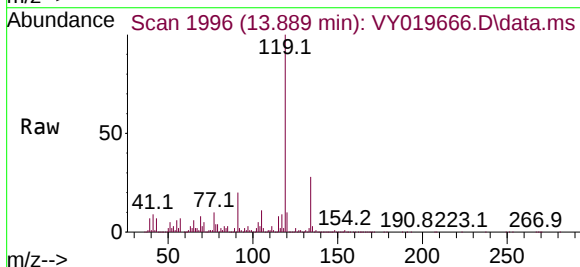
Acq: 23 Sep 2024 14:28

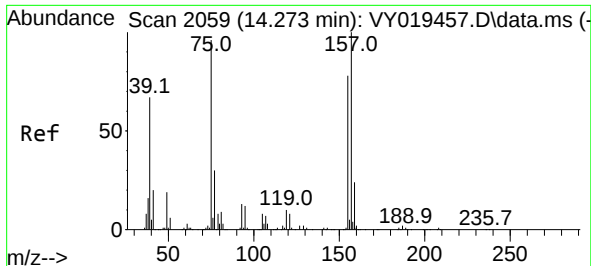
Tgt Ion: 117 Resp: 213663

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 16.288 ug/l

RT: 14.297 min Scan# 2059

Delta R.T. 0.025 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

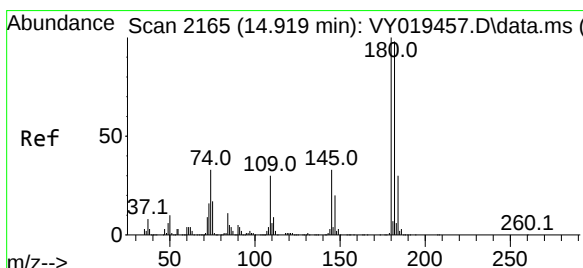
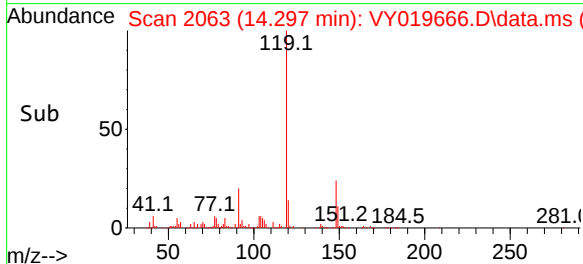
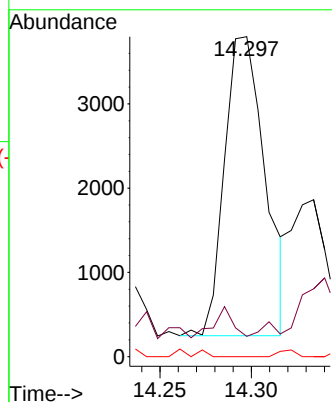
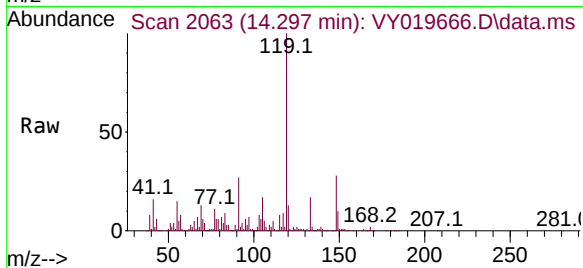
Tgt Ion: 75 Resp: 5503

Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

157 0.0 62.7 188.2#



#93

1,2,4-Trichlorobenzene

Concen: 1.047 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

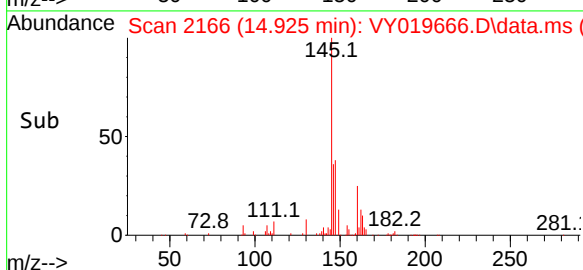
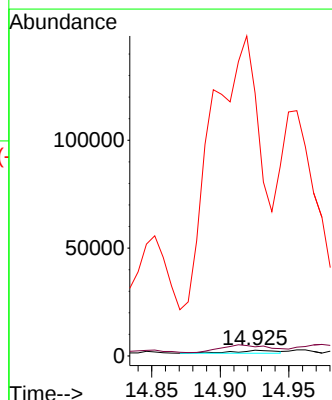
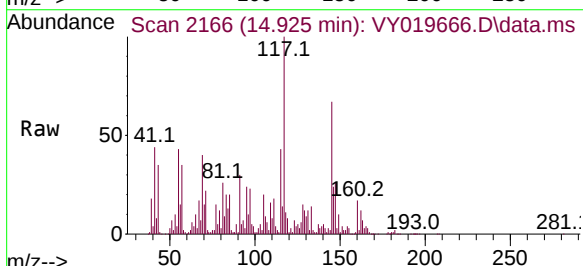
Tgt Ion:180 Resp: 2797

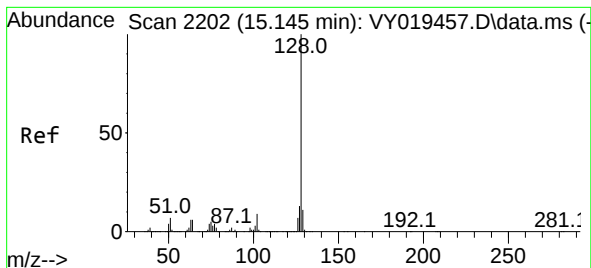
Ion Ratio Lower Upper

180 100

182 329.4 47.9 143.8#

145 14158.8 14.2 42.6#





#95

Naphthalene

Concen: 9.081 ug/l

RT: 15.114 min Scan# 2117

Delta R.T. -0.030 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

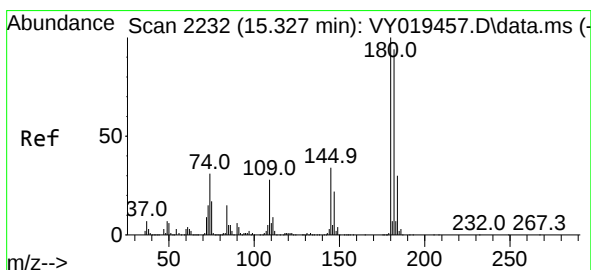
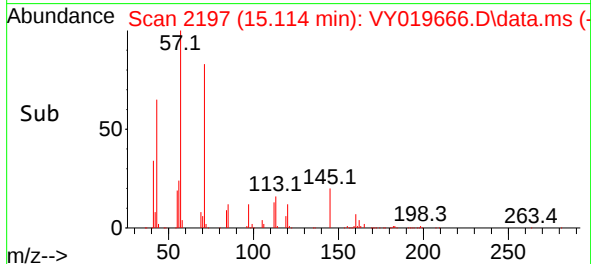
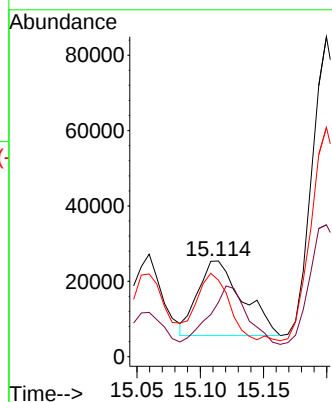
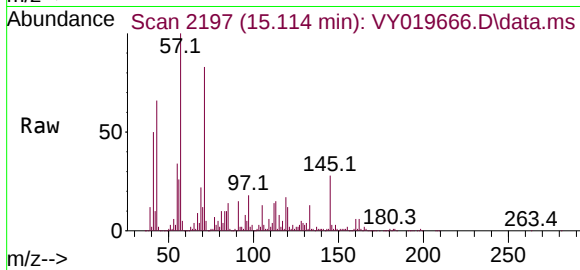
Tgt Ion:128 Resp: 48581

Ion Ratio Lower Upper

128 100

127 65.0 10.6 16.0#

129 66.9 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 5.424 ug/l

RT: 15.291 min Scan# 2226

Delta R.T. -0.036 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Tgt Ion:180 Resp: 12394

Ion Ratio Lower Upper

180 100

182 31.1 47.6 142.9#

145 1676.8 15.4 46.1#

