

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001122.D
 Acq On : 30 Dec 2019 13:55
 Operator : SY/MD
 Sample : K6462-02
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 05:35:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	265990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	456279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125292	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	7.73	113	132950	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.18	98	546190	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.48	95	191857	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

					Qvalue
3) Chloromethane	2.11	50	5094	1.615	ug/l 89
11) Tert butyl alcohol	4.96	59	595	2.063	ug/l # 74
16) Acetone	3.95	43	5474	9.057	ug/l 89
20) Methylene Chloride	4.72	84	13883	3.903	ug/l # 76
25) 2-Butanone	6.99	43	2600	2.449	ug/l # 80
31) Cyclohexane	7.80	56	6652	1.141	ug/l # 1
36) 1,1-Dichloropropene	7.80	75	17708	4.068	ug/l # 51
38) Carbon Tetrachloride	7.80	117	25697	6.738	ug/l # 19
39) Methylcyclohexane	9.19	83	41153	7.119	ug/l 98
51) 4-Methyl-2-Pentanone	10.17	43	8523	3.665	ug/l 100
55) 1,1,2-Trichloroethane	10.62	97	79885	31.510	ug/l # 17
56) Ethyl methacrylate	10.52	69	14517	4.023	ug/l # 20
59) 2-Hexanone	10.80	43	40300	25.045	ug/l # 27
67) Ethyl Benzene	11.59	91	35066	2.307	ug/l 99
68) m/p-Xylenes	11.70	106	268024	46.444	ug/l 100
69) o-Xylene	12.03	106	575335	105.973	ug/l 97
70) Styrene	12.03	104	27055	2.931	ug/l # 1
73) Isopropylbenzene	12.33	105	21323	1.560	ug/l 96
74) N-amyl acetate	12.12	43	157156	43.779	ug/l # 52
75) 1,1,2,2-Tetrachloroethane	12.53	83	33619	12.489	ug/l # 94
76) 1,2,3-Trichloropropane	12.73	75	10489	4.818	ug/l # 100
78) n-propylbenzene	12.67	91	75267	4.521	ug/l 97
79) 2-Chlorotoluene	12.73	91	112247	12.207	ug/l # 42
80) 1,3,5-Trimethylbenzene	12.81	105	904842	80.785	ug/l 99
81) trans-1,4-Dichloro-2-buten	12.48	75	86456	84.705	ug/l # 24
82) 4-Chlorotoluene	12.81	91	106658	11.168	ug/l # 48
83) tert-Butylbenzene	13.12	119	167682	17.834	ug/l # 61
84) 1,2,4-Trimethylbenzene	13.12	105	1412517	125.497	ug/l 99
85) sec-Butylbenzene	13.25	105	90247	6.511	ug/l 81
86) p-Isopropyltoluene	13.37	119	79428	6.622	ug/l 99
89) n-Butylbenzene	13.66	91	144542	11.978	ug/l # 1
90) Hexachloroethane	13.97	117	81787	36.194	ug/l # 16
92) 1,2-Dibromo-3-Chloropropan	14.34	75	6839	15.185	ug/l # 1
93) 1,2,4-Trichlorobenzene	15.02	180	8690	2.365	ug/l # 1

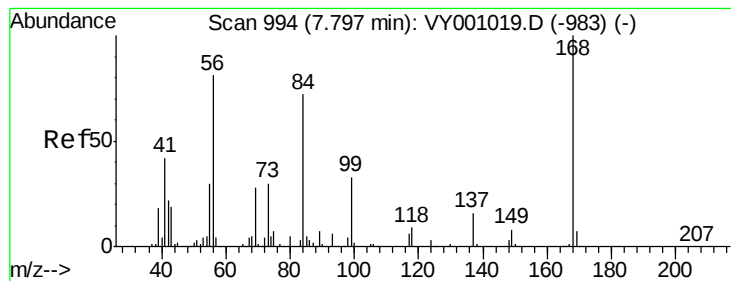
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	128355	14.852	ug/l #	67
96) 1,2,3-Trichlorobenzene	15.39	180	25138	7.670	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

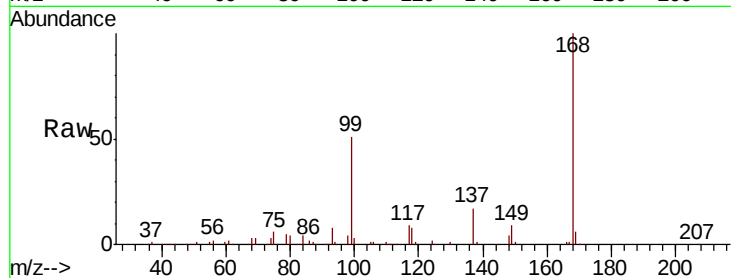
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 265990

Ion Ratio Lower Upper

168 100

99 51.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

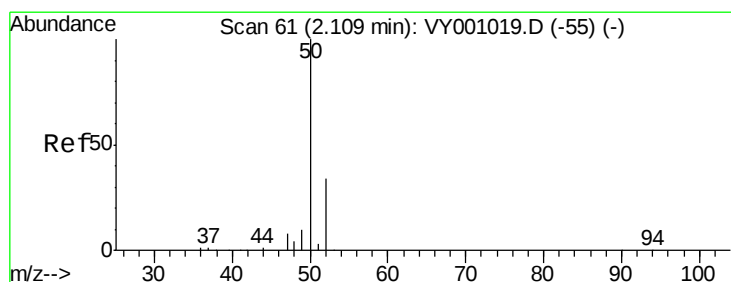
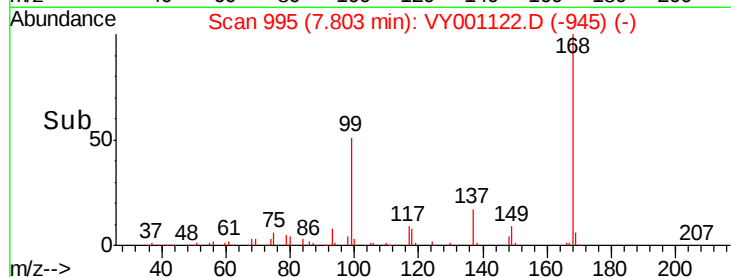
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.615 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001122.D

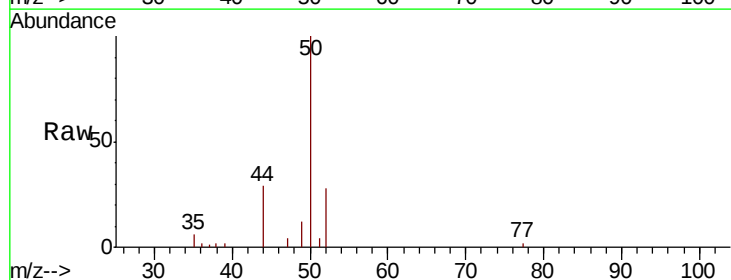
Acq: 30 Dec 2019 13:55

Tgt Ion: 50 Resp: 5094

Ion Ratio Lower Upper

50 100

52 27.8 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY001019.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001019.D (-55) (-)

2.11

4000

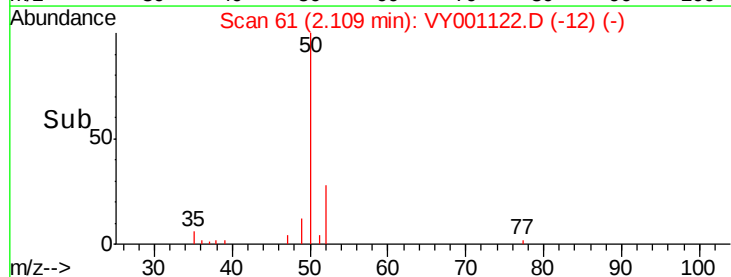
3000

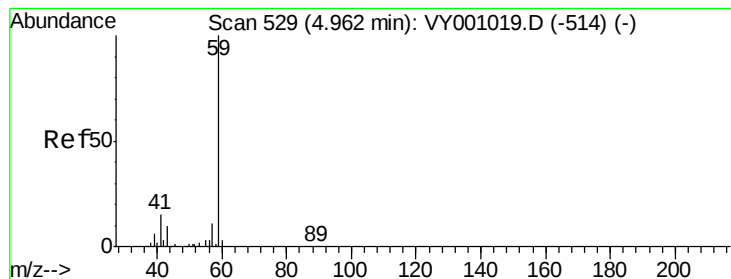
2000

1000

0

Time-->



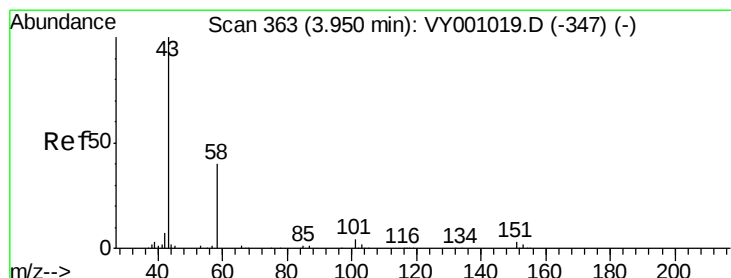
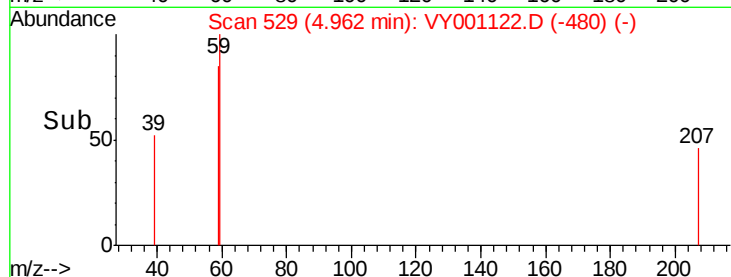
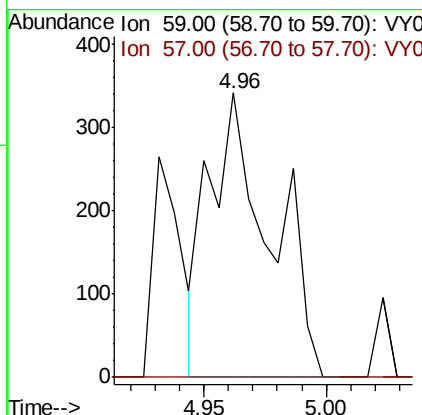
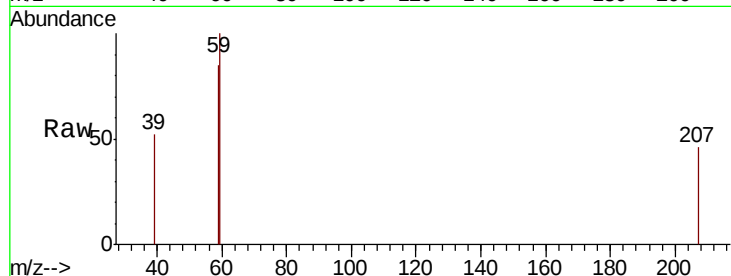


#11

Tert butyl alcohol
 Concen: 2.063 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :

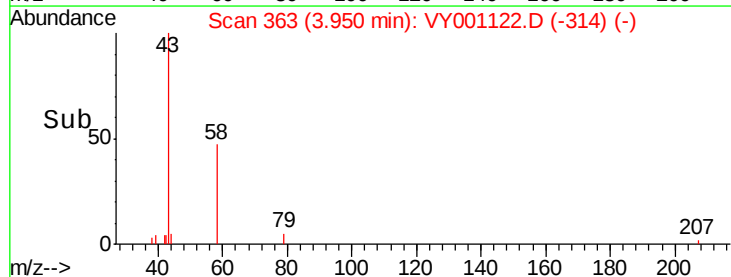
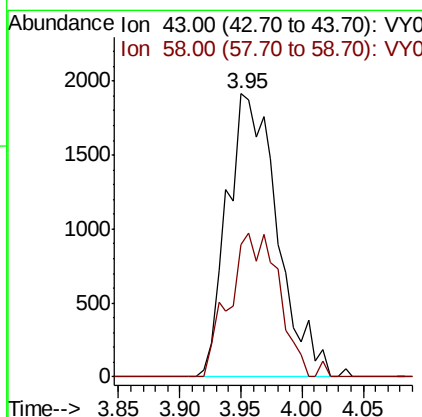
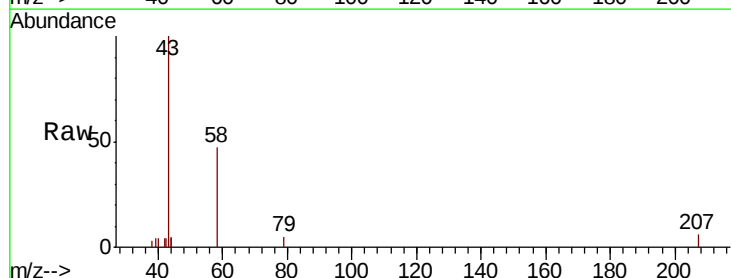
Tot Ion: 59 Resp: 595
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

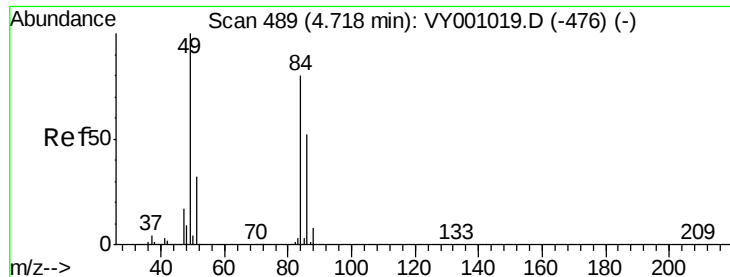


#16

Acetone
 Concen: 9.057 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

Tgt Ion: 43 Resp: 5474
 Ion Ratio Lower Upper
 43 100
 58 46.9 32.1 48.1

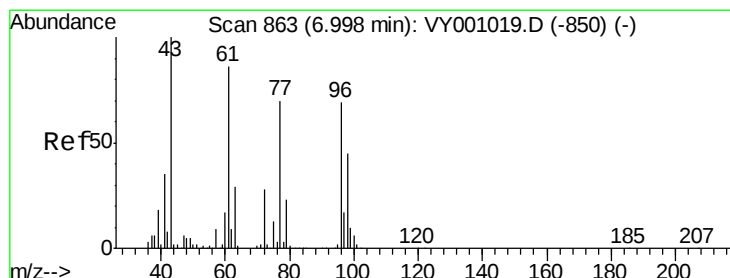
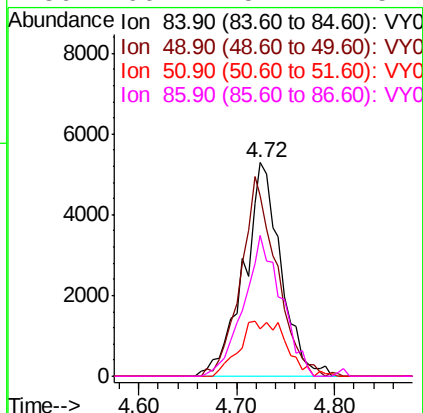
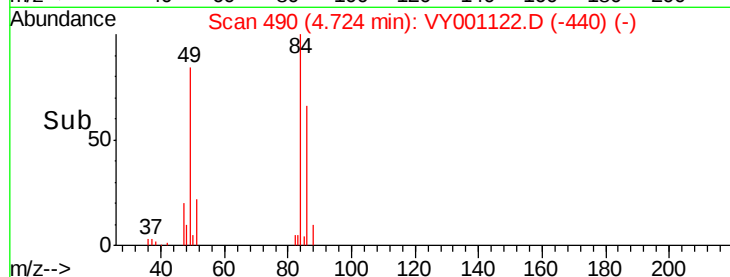
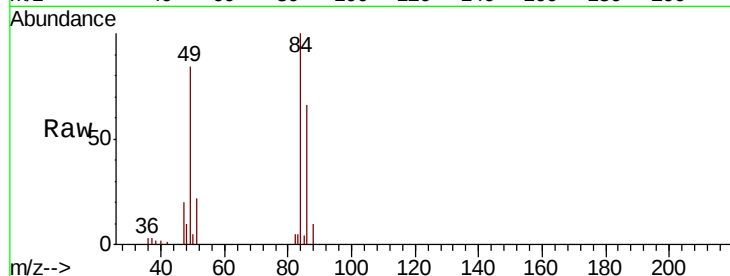




#20
Methylene Chloride
Concen: 3.903 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

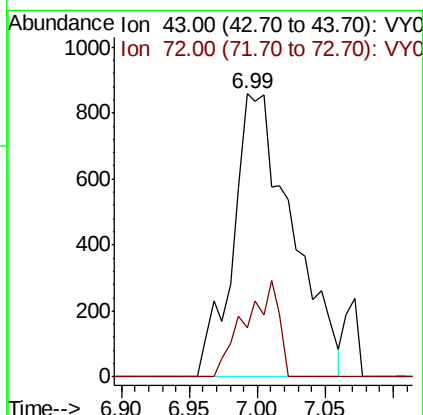
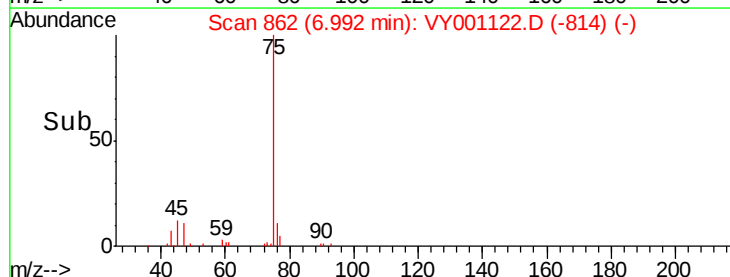
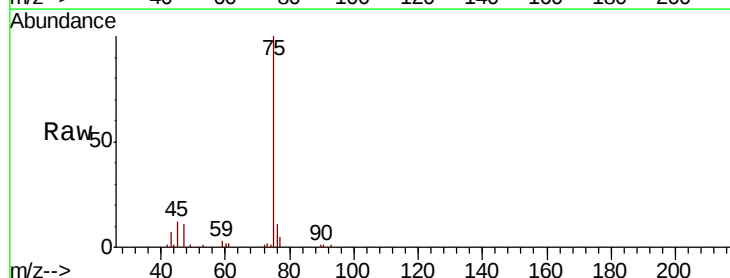
Instrument :
MSVOA_Y
ClientSampleId :

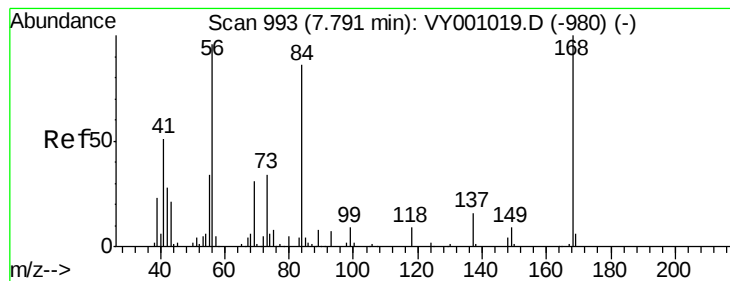
Tot Ion: 84 Resp: 13883
Ion Ratio Lower Upper
84 100
49 84.4 99.8 149.6#
51 22.2 31.4 47.2#
86 66.2 52.2 78.2



#25
2-Butanone
Concen: 2.449 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
72 17.4 22.4 33.6#





#31

Cvclohexane

Concen: 1.141 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :
MSVOA_Y
ClientSampleId :

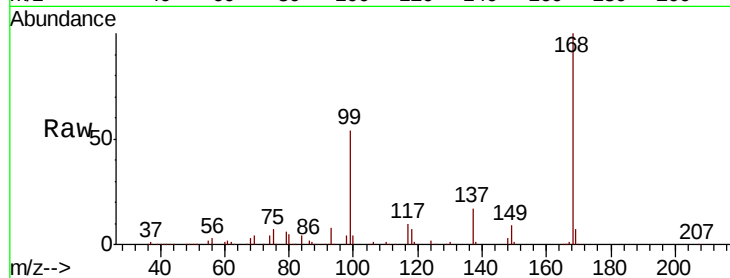
Tot Ion: 56 Resp: 6652

Ion Ratio Lower Upper

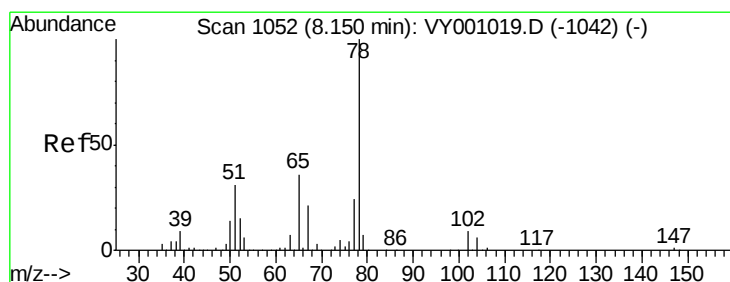
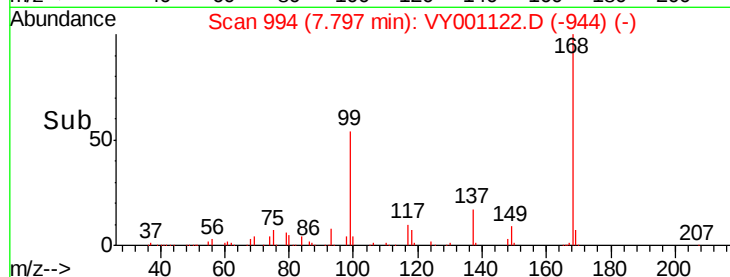
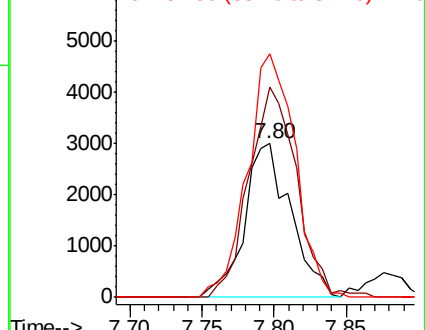
56 100

69 137.3 26.1 39.1#

84 158.5 71.8 107.8#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 47.759 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001122.D

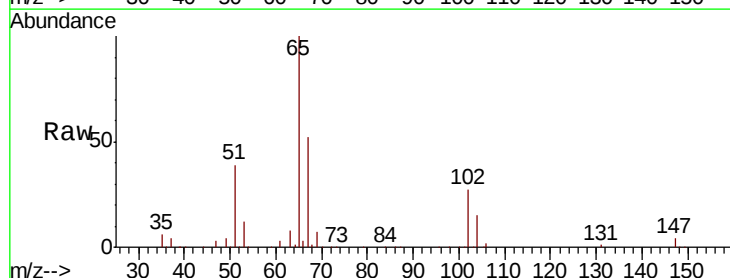
Acq: 30 Dec 2019 13:55

Tgt Ion: 65 Resp: 125292

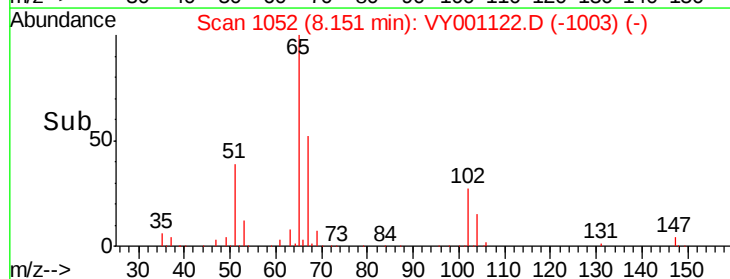
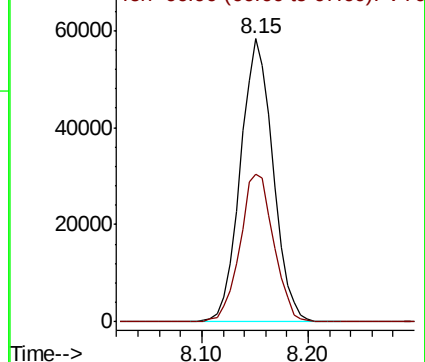
Ion Ratio Lower Upper

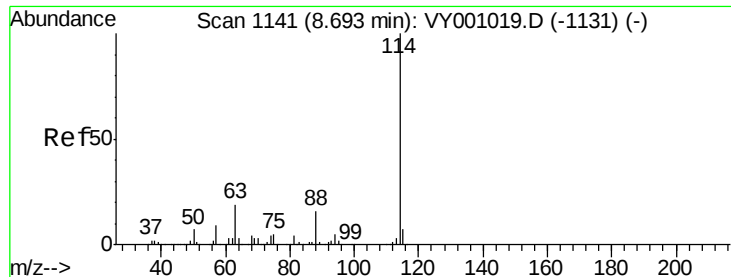
65 100

67 54.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

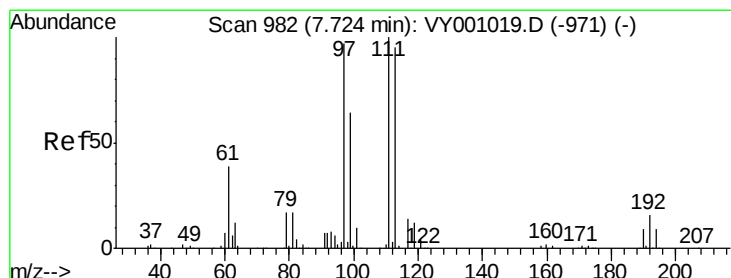
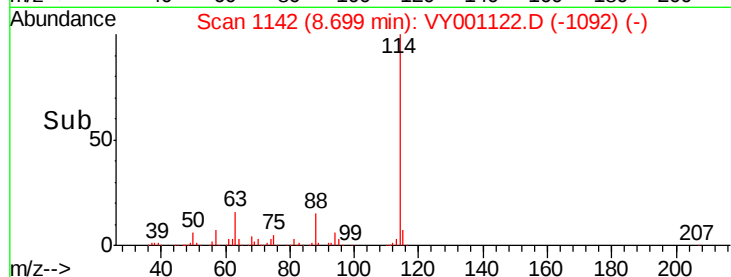
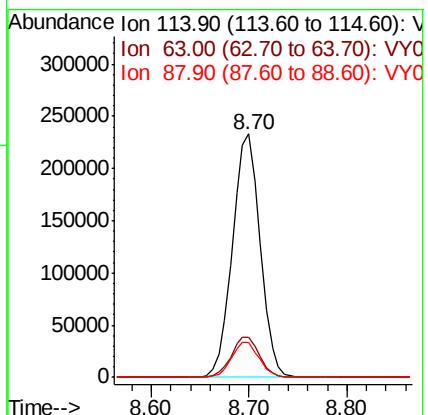
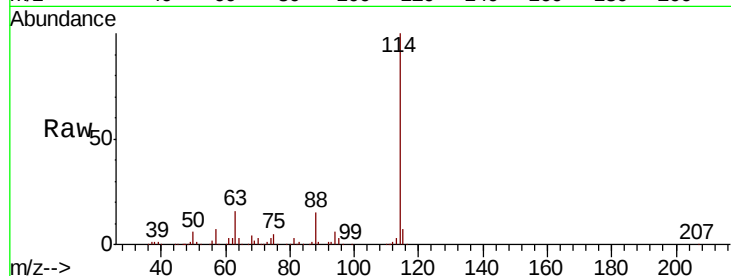




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

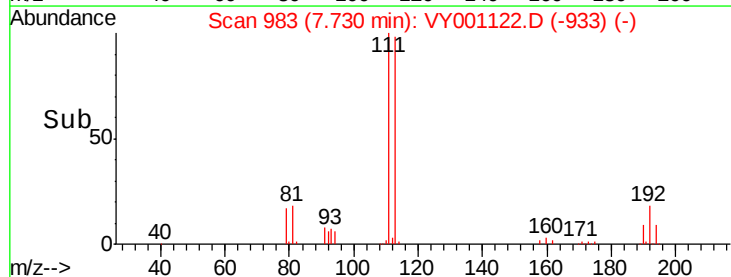
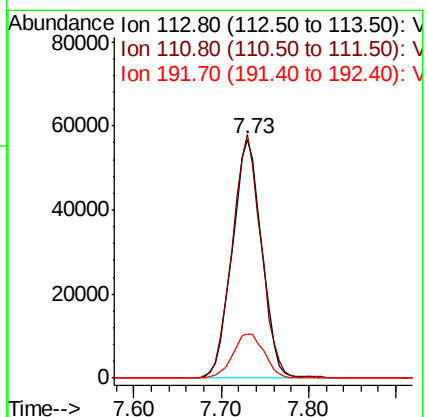
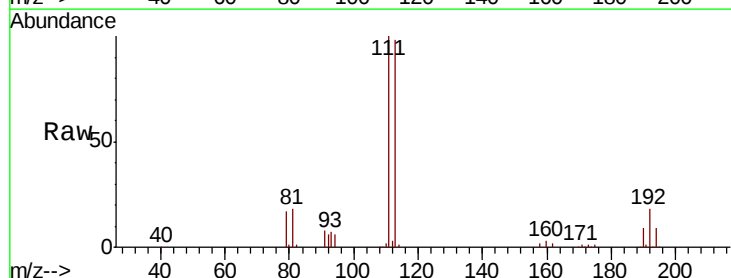
Instrument :
 MSVOA_Y
 ClientSampleId :

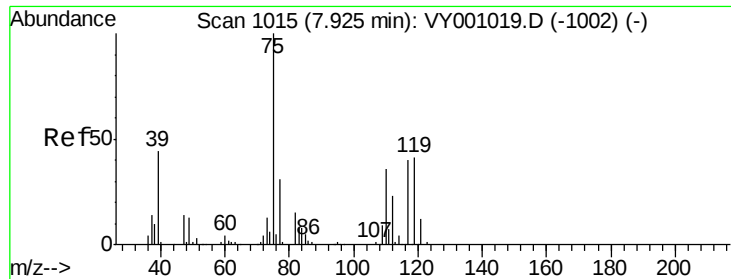
Tot Ion:114 Resp: 456279
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 37.0
 88 14.6 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.482 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

Tgt Ion:113 Resp: 132950
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.0 124.4
 192 19.8 14.6 21.8

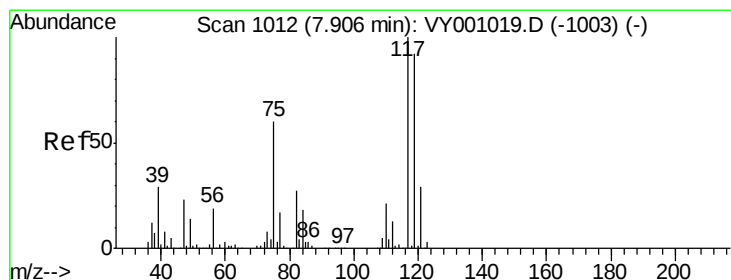
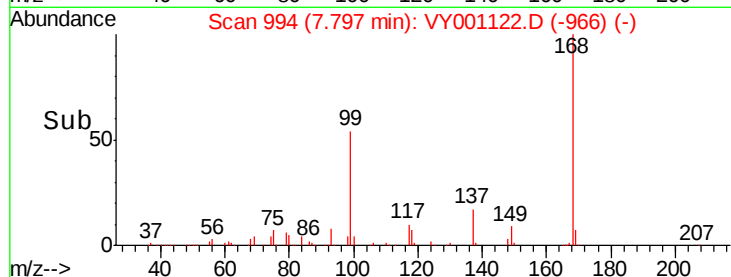
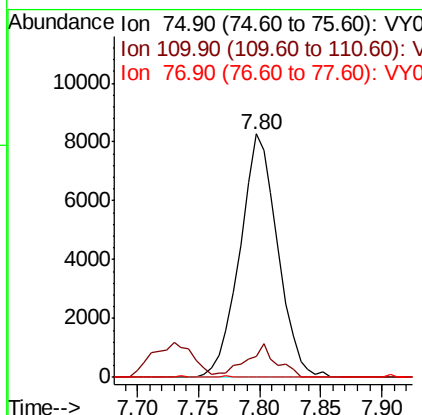
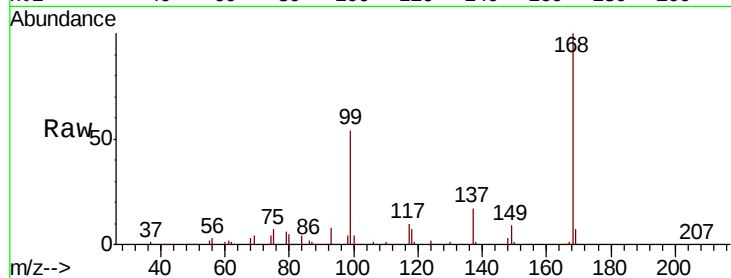




#36
 1,1-Dichloropropene
 Concen: 4.068 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

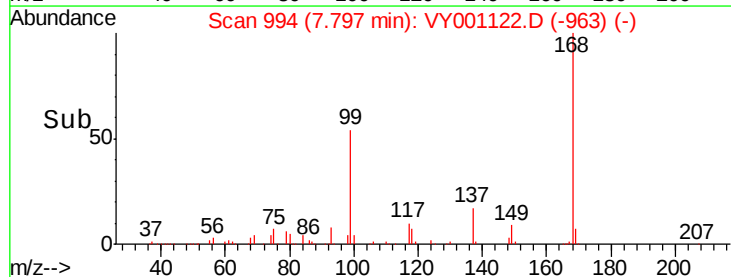
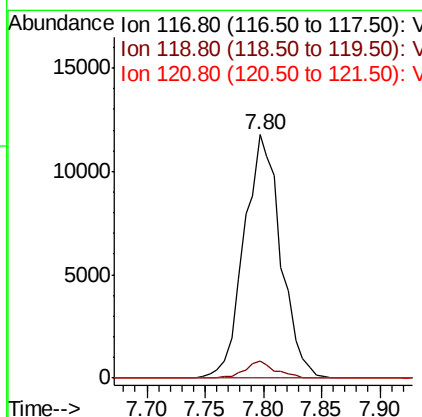
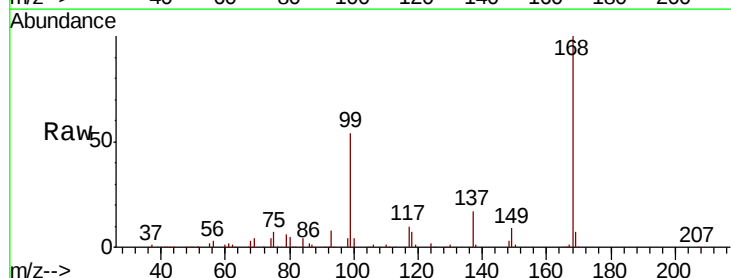
Instrument :
 MSVOA_Y
 ClientSampled :

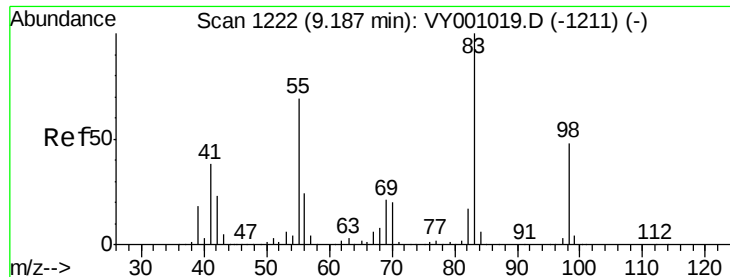
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.4#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.738 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	74.2	111.2#
121	0.0	22.9	34.3#

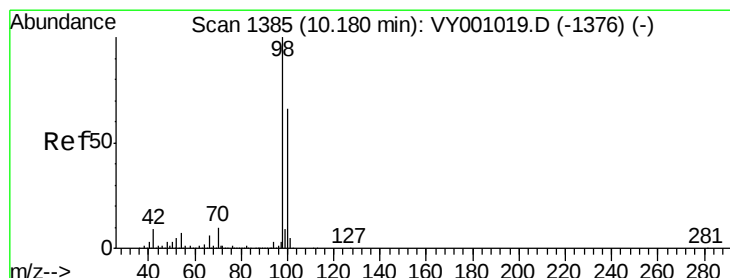
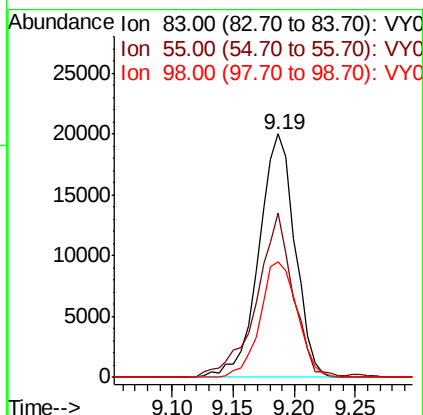
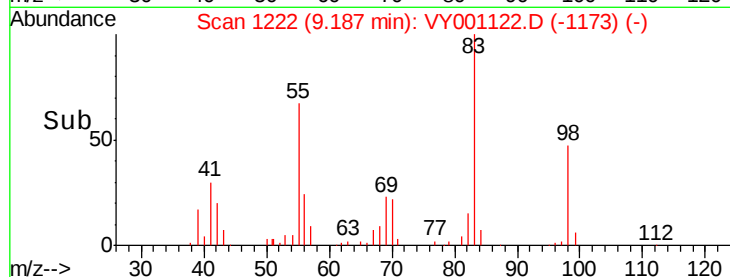
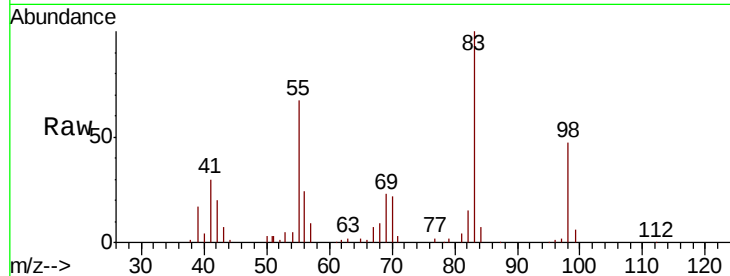




#39
Methylcyclohexane
Concen: 7.119 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

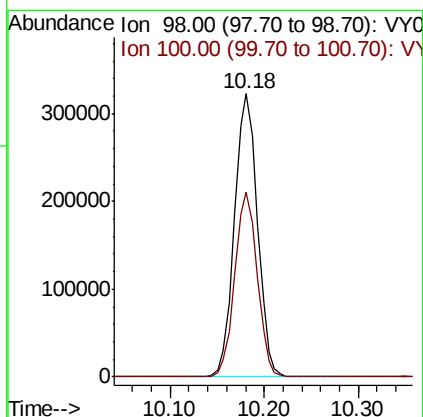
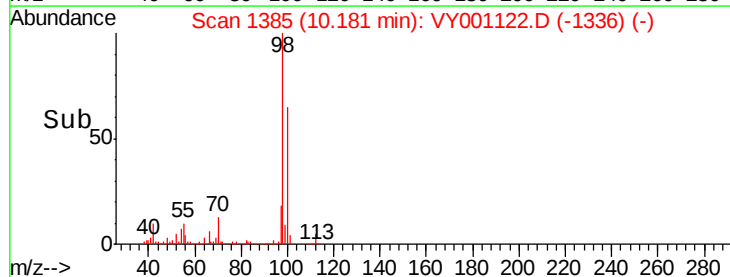
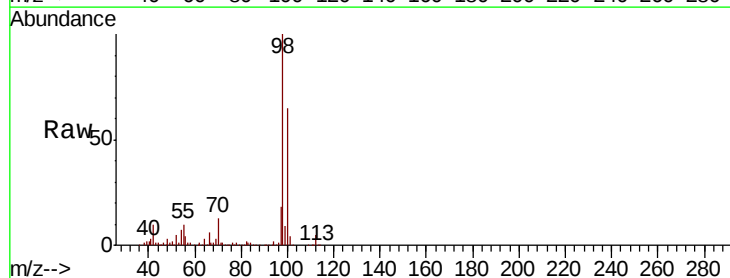
Instrument :
MSVOA_Y
ClientSampled :

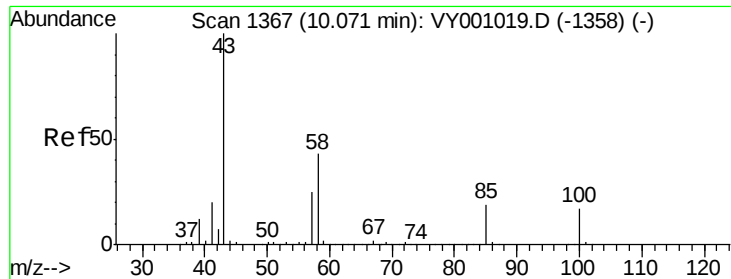
Tot Ion: 83 Resp: 41153
Ion Ratio Lower Upper
83 100
55 67.1 55.1 82.7
98 47.4 38.3 57.5



#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion: 98 Resp: 546190
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 3.665 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

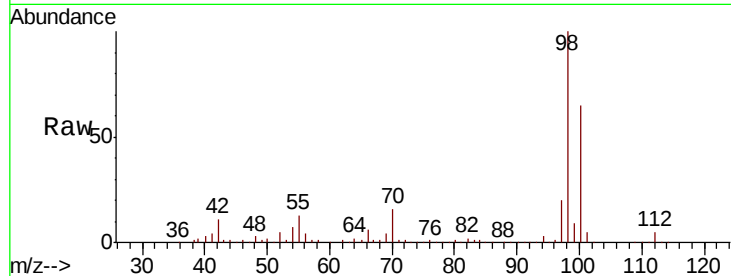
ClientSampled :

Tot Ion: 43 Resp: 8523

Ion Ratio Lower Upper

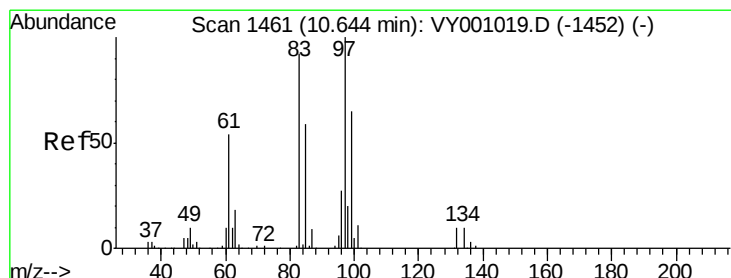
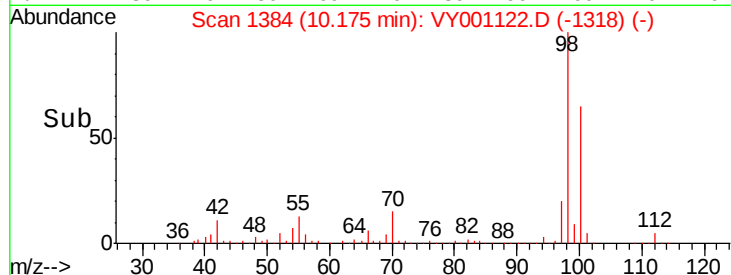
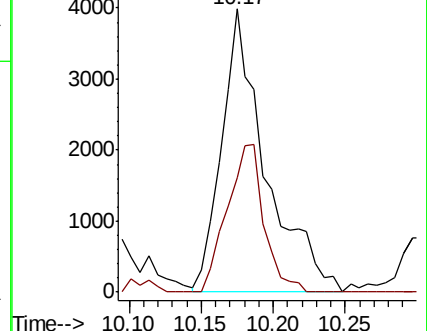
43 100

58 43.6 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY001122.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY001122.D (-1318) (-)



#55

1,1,2-Trichloroethane

Concen: 31.510 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.02 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Tgt Ion: 97 Resp: 79885

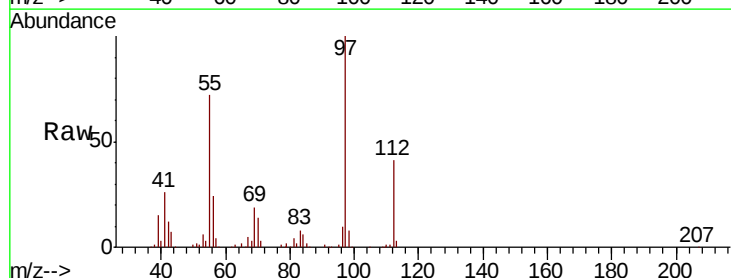
Ion Ratio Lower Upper

97 100

83 8.3 73.7 110.5#

85 2.1 47.3 70.9#

99 0.3 51.9 77.9#

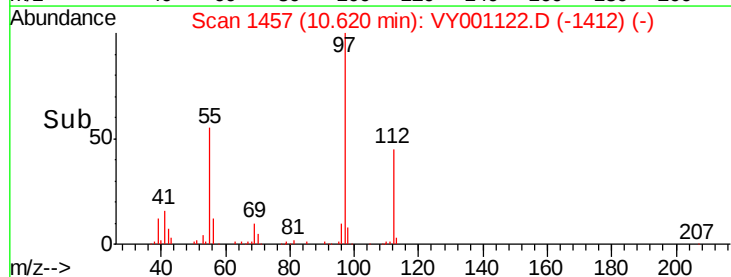
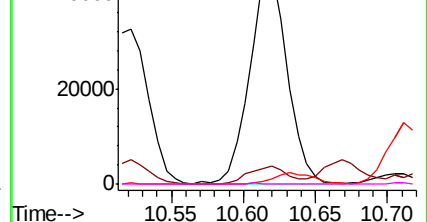


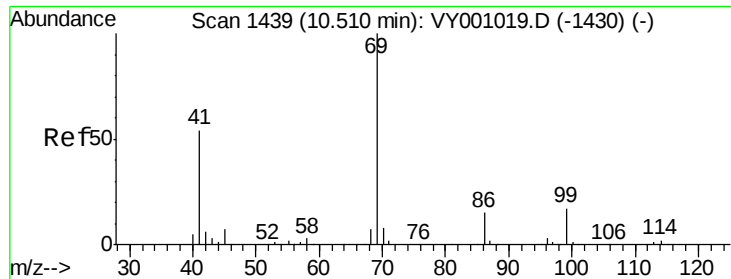
Abundance Ion 96.90 (96.60 to 97.60): VY001122.D (-1412) (-)

Ion 82.90 (82.60 to 83.60): VY001122.D (-1412) (-)

Ion 84.90 (84.60 to 85.60): VY001122.D (-1412) (-)

Ion 98.90 (98.60 to 99.60): VY001122.D (-1412) (-)

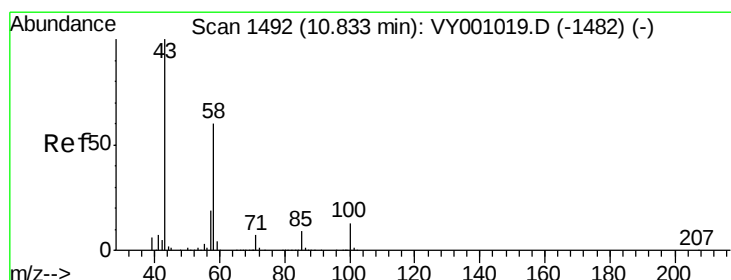
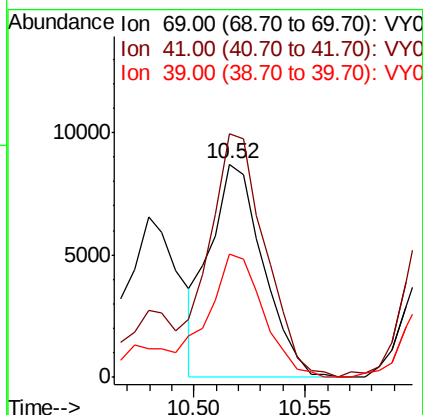
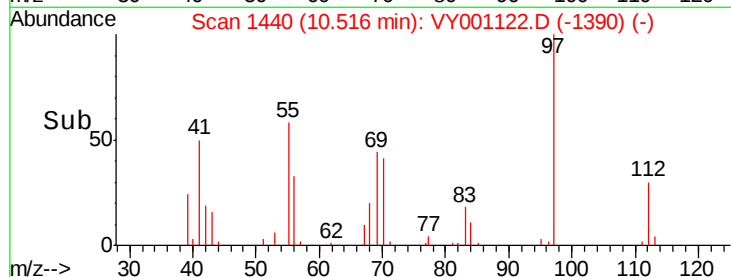
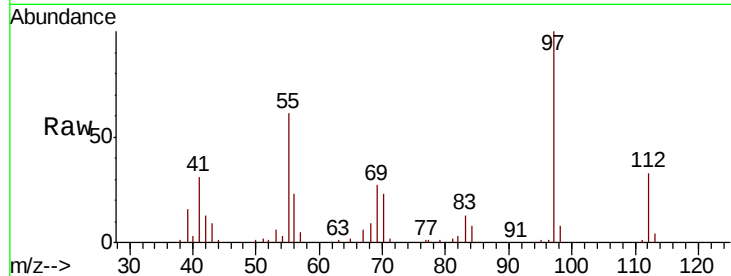




#56
Ethyl methacrylate
Concen: 4.023 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

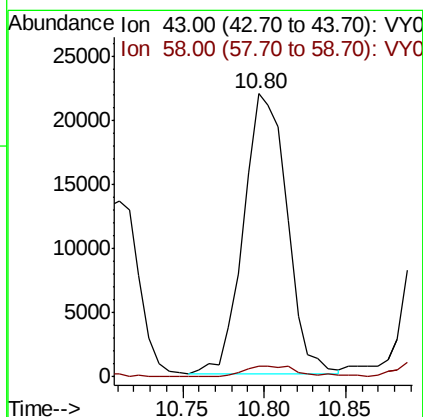
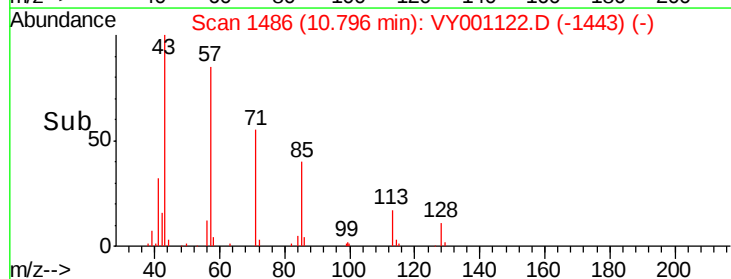
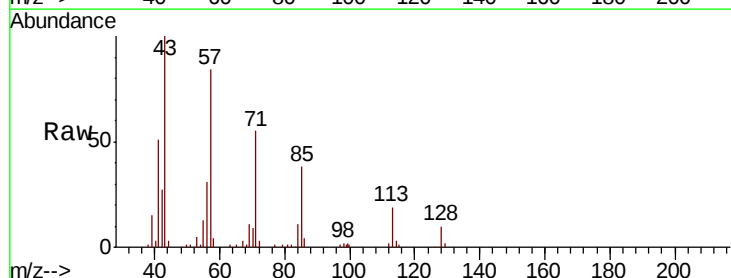
Instrument :
MSVOA_Y
ClientSampleId :

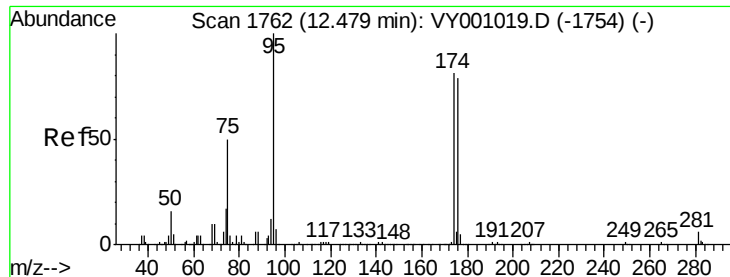
Tot Ion: 69 Resp: 14517
Ion Ratio Lower Upper
69 100
41 121.1 44.7 67.1#
39 59.9 22.2 33.4#



#59
2-Hexanone
Concen: 25.045 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.04 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion: 43 Resp: 40300
Ion Ratio Lower Upper
43 100
58 5.3 30.6 91.6#





#62

4-Bromofluorobenzene

Concen: 49.976 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

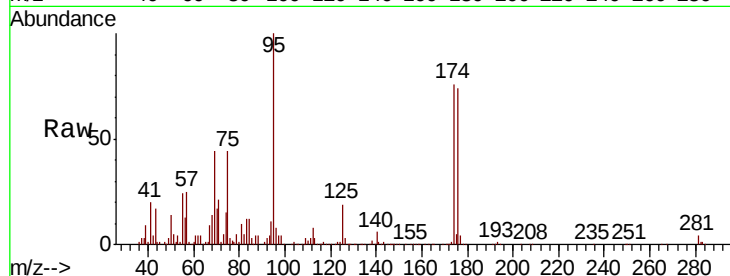
Tot Ion: 95 Resp: 191857

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.4

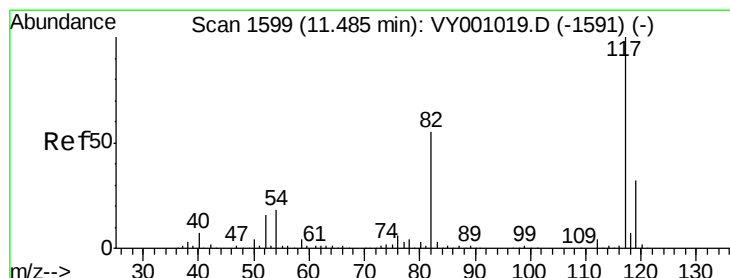
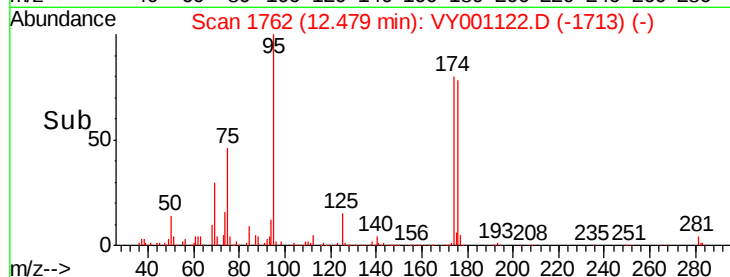
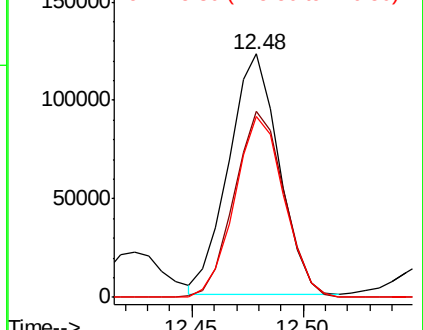
176 74.2 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY001122.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY001122.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001122.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

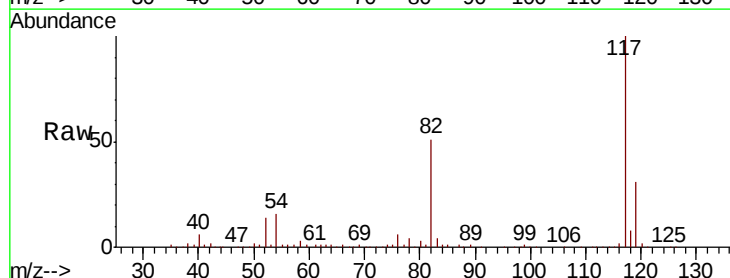
Tgt Ion: 117 Resp: 407362

Ion Ratio Lower Upper

117 100

82 49.9 43.8 65.8

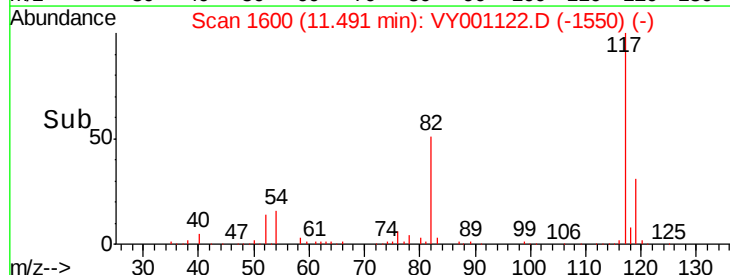
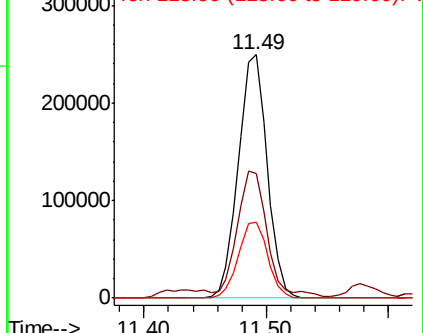
119 31.1 25.8 38.6

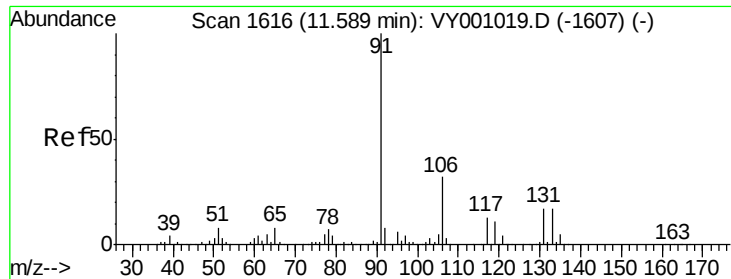


Abundance Ion 116.90 (116.60 to 117.60): VY001122.D (-1550) (-)

Ion 82.00 (81.70 to 82.70): VY001122.D (-1550) (-)

Ion 118.90 (118.60 to 119.60): VY001122.D (-1550) (-)

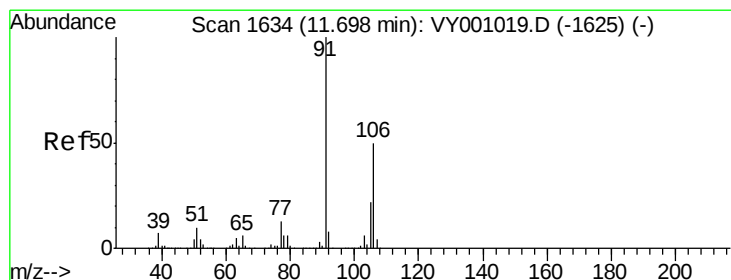
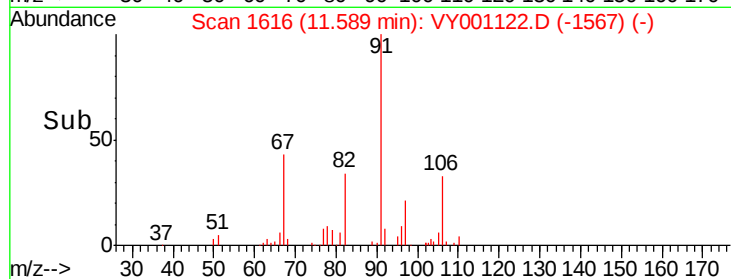
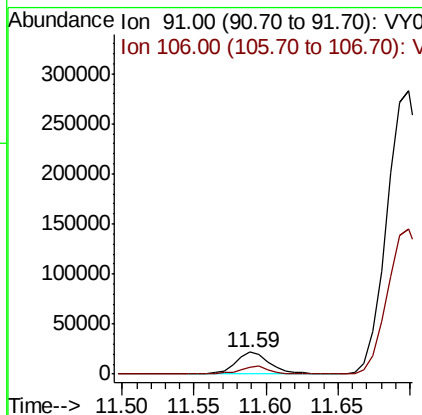
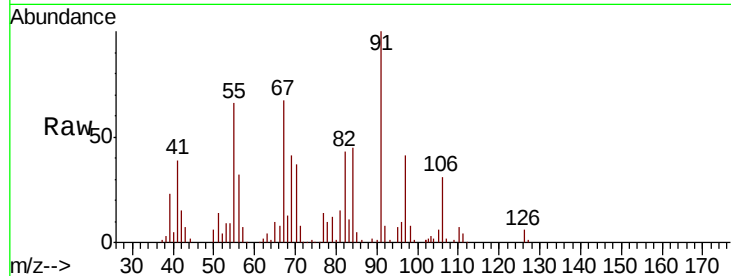




#67
Ethyl Benzene
Concen: 2.307 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

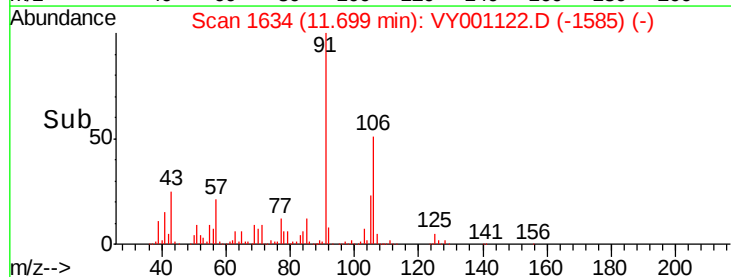
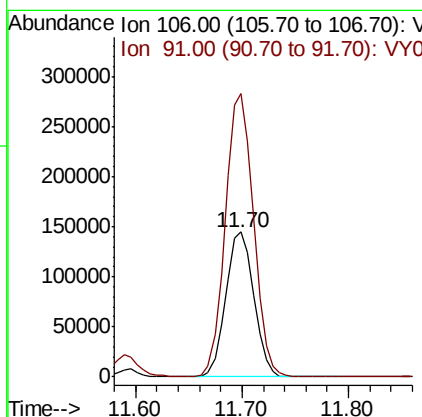
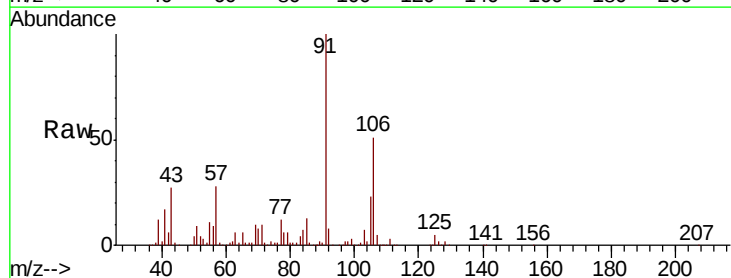
Instrument :
MSVOA_Y
ClientSampled :

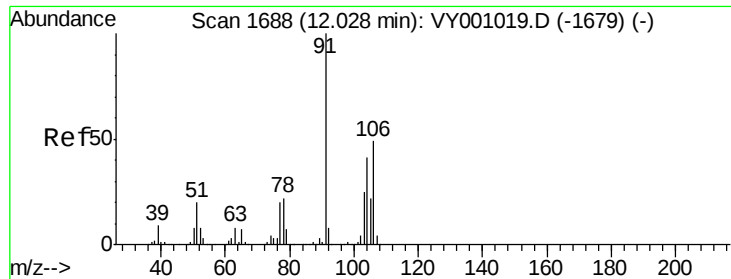
Tot Ion: 91 Resp: 35066
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 46.444 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion: 106 Resp: 268024
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6

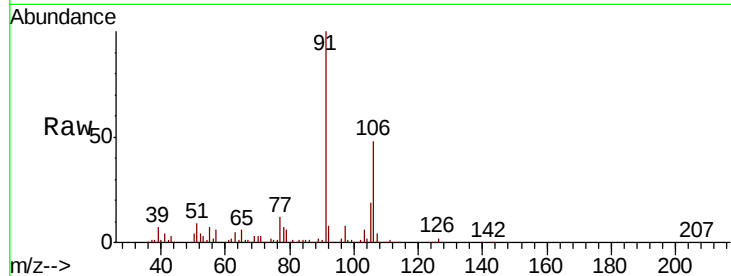




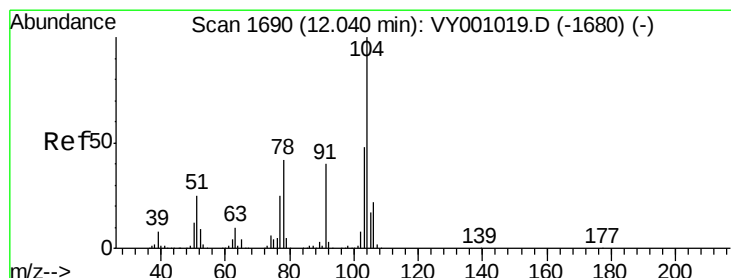
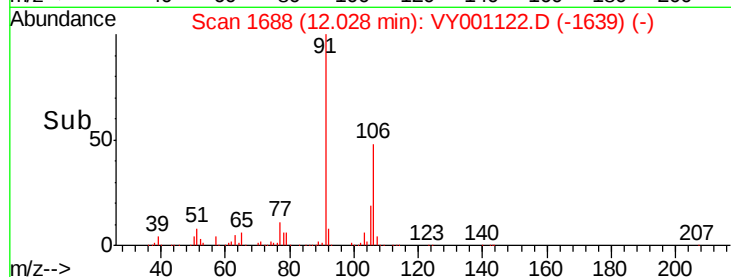
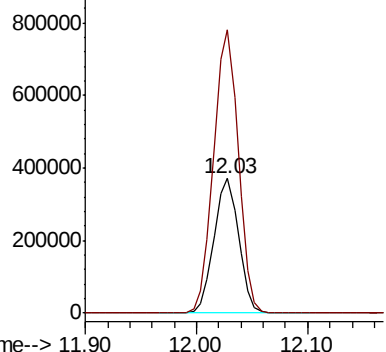
#69
o-Xylene
Concen: 105.973 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 575335
Ion Ratio Lower Upper
106 100
91 210.0 103.0 309.0

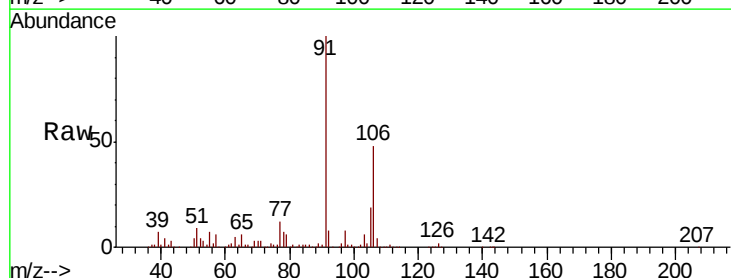


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

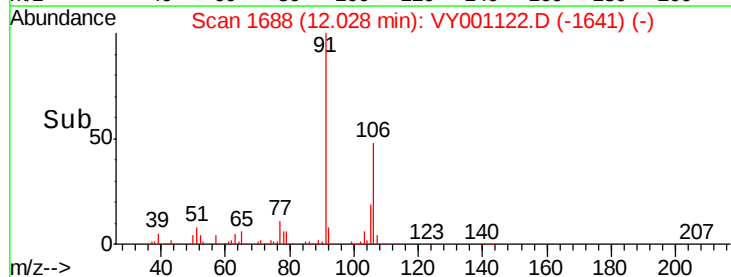
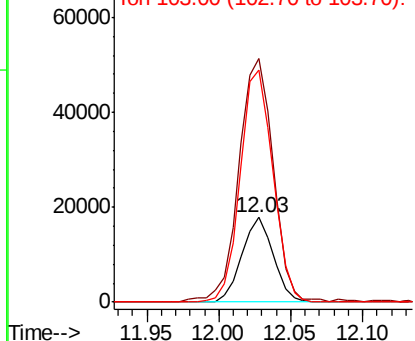


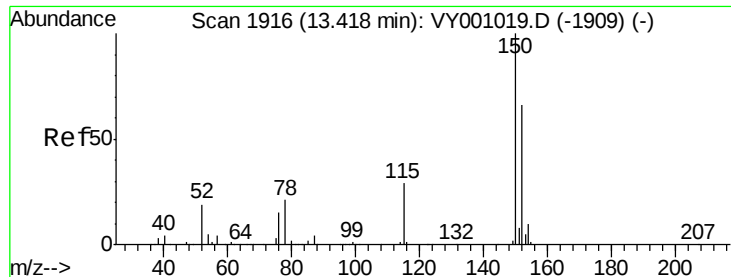
#70
Styrene
Concen: 2.931 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion:104 Resp: 27055
Ion Ratio Lower Upper
104 100
78 314.1 36.6 54.8#
103 284.0 42.6 64.0#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



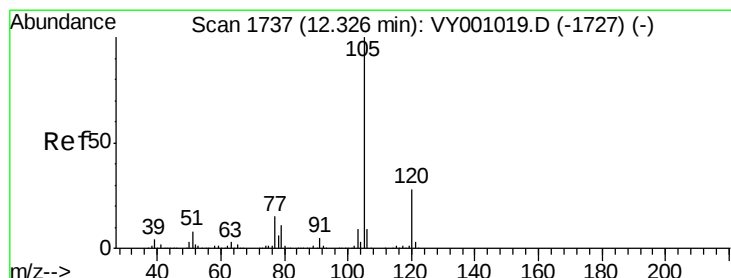
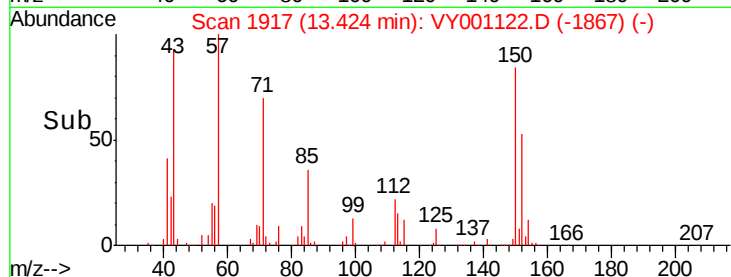
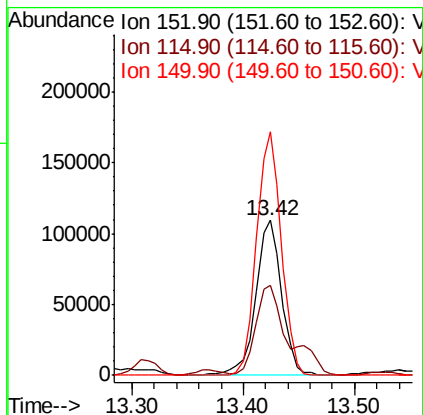
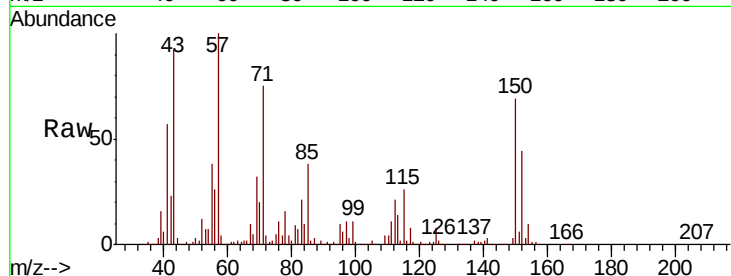


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Instrument :
MSVOA_Y
ClientSampleId :

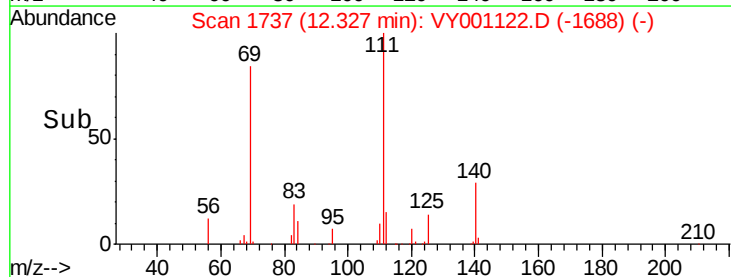
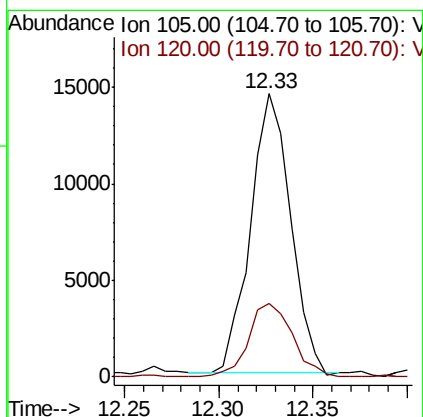
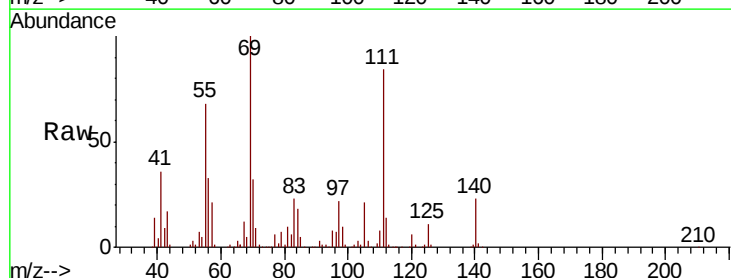
Tot Ion:152 Resp: 176578
Ion Ratio Lower Upper
152 100
115 72.5 29.8 89.3
150 150.2 0.0 352.6

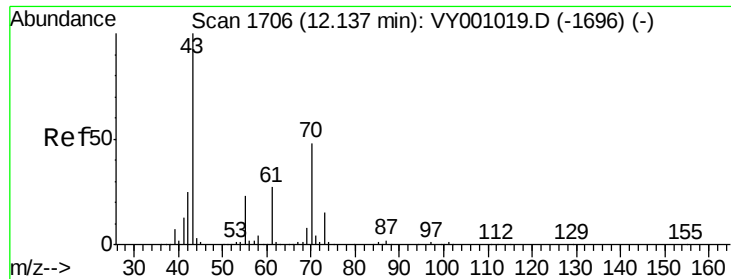


#73

Isopropylbenzene
Concen: 1.560 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion:105 Resp: 21323
Ion Ratio Lower Upper
105 100
120 28.9 13.4 40.2





#74

N-amvl acetate

Concen: 43.779 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 43 Resp: 157156

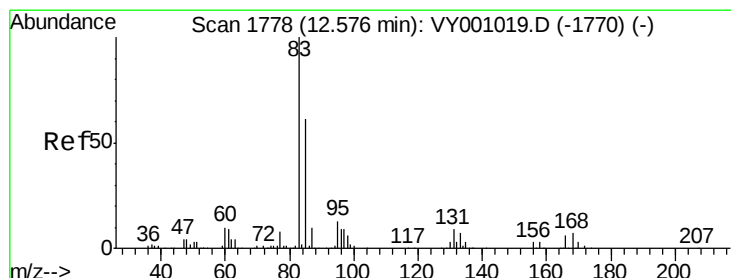
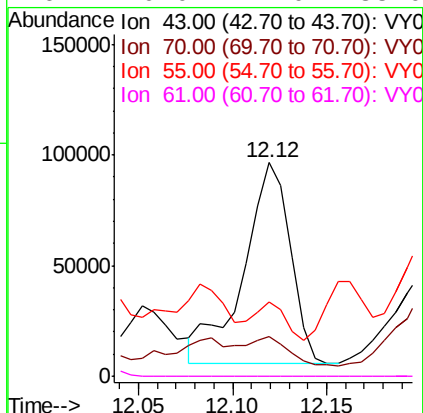
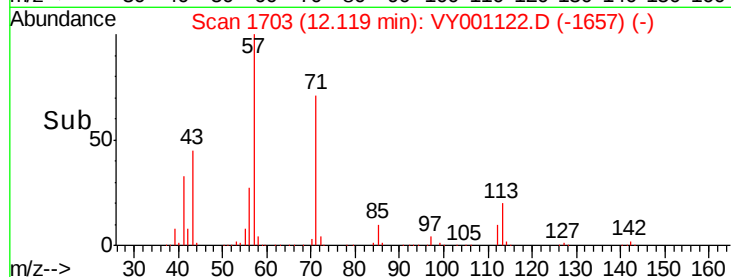
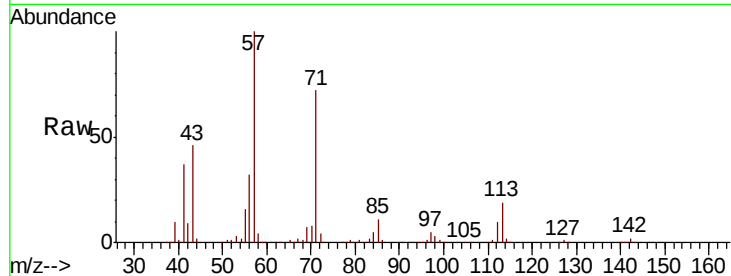
Ion Ratio Lower Upper

43 100

70 10.5 39.0 58.6#

55 11.1 19.5 29.3#

61 0.0 22.0 33.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 12.489 ug/l

RT: 12.53 min Scan# 1771

Delta R.T. -0.04 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

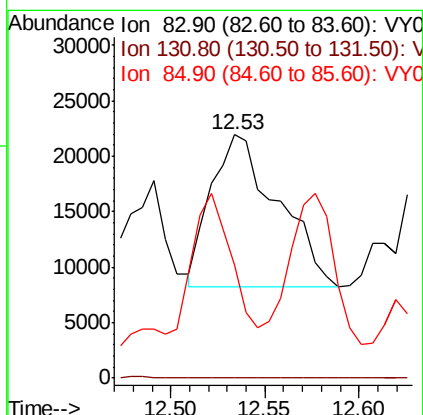
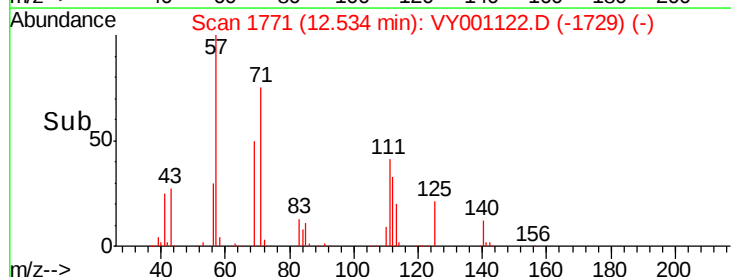
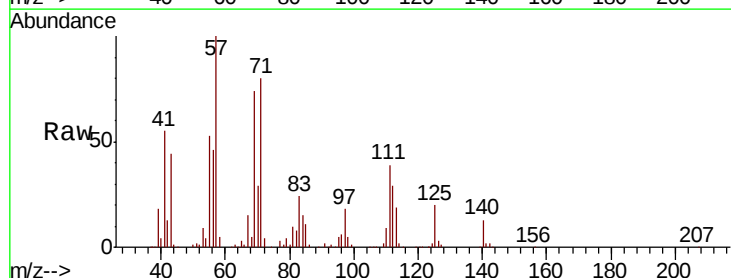
Tgt Ion: 83 Resp: 33619

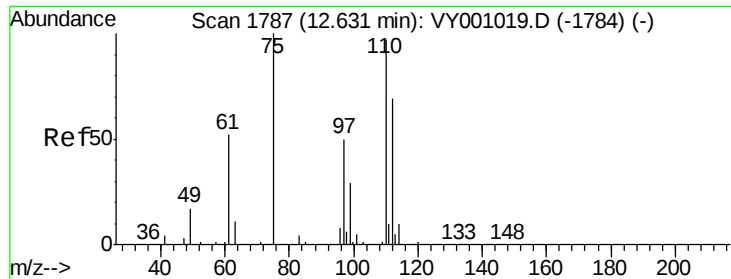
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 66.6 32.1 96.5





#76

1,2,3-Trichloropropane

Concen: 4.818 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. 0.10 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

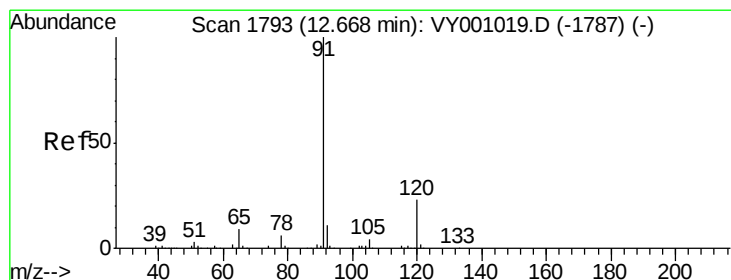
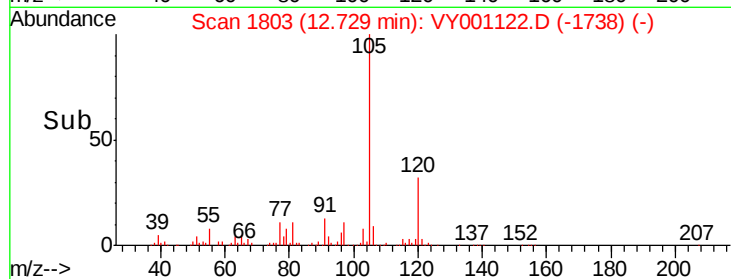
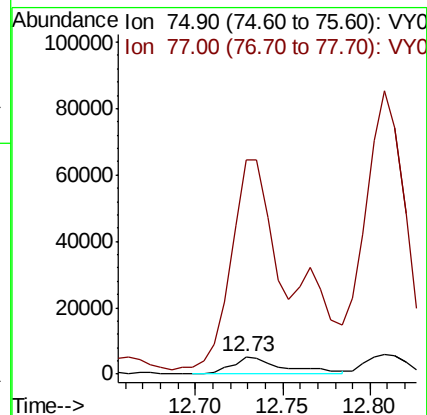
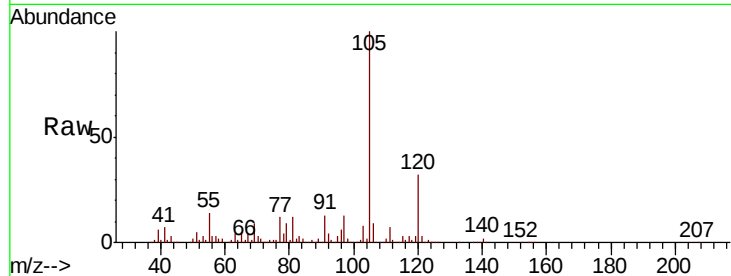
ClientSampled :

Tot Ion: 75 Resp: 10489

Ion Ratio Lower Upper

75 100

77 1033.4 0.0 0.0#



#78

n-propylbenzene

Concen: 4.521 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001122.D

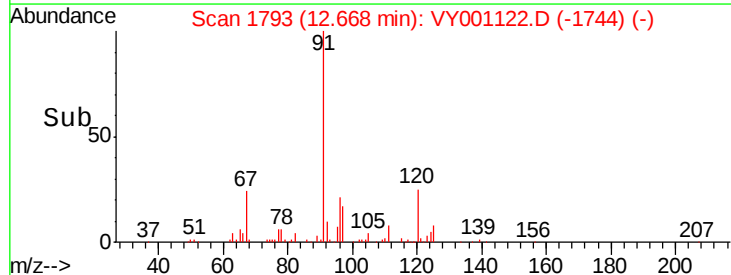
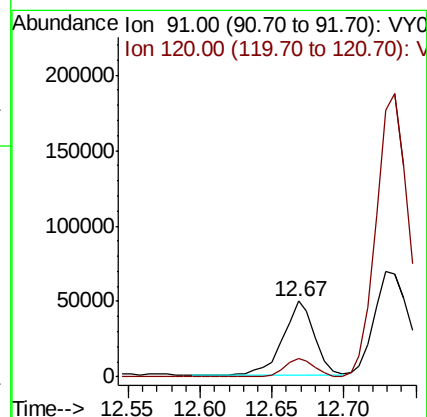
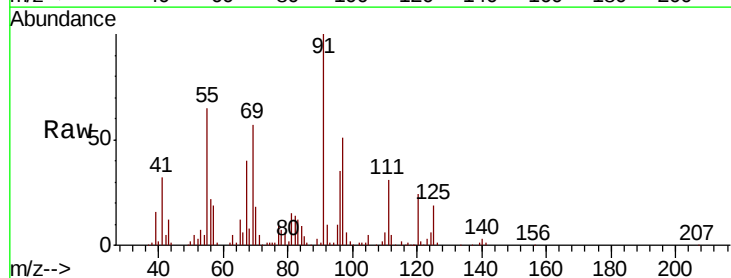
Acq: 30 Dec 2019 13:55

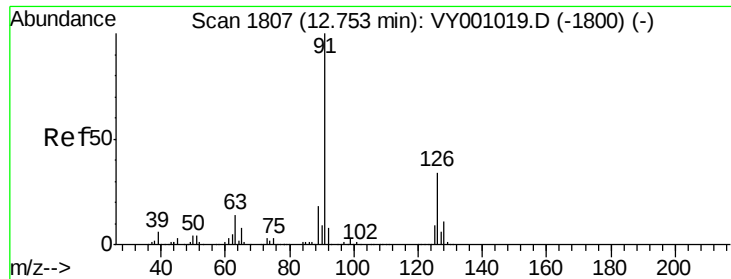
Tgt Ion: 91 Resp: 75267

Ion Ratio Lower Upper

91 100

120 24.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 12.207 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. -0.02 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

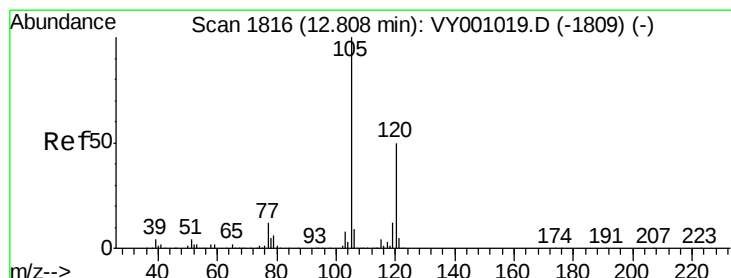
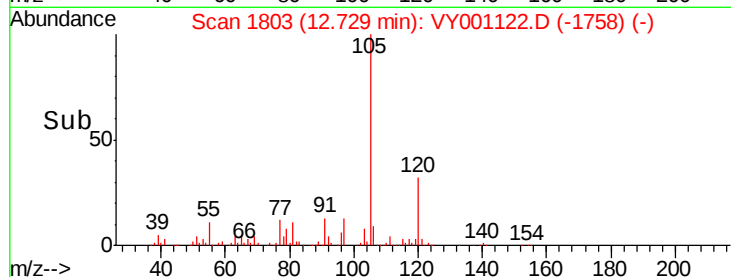
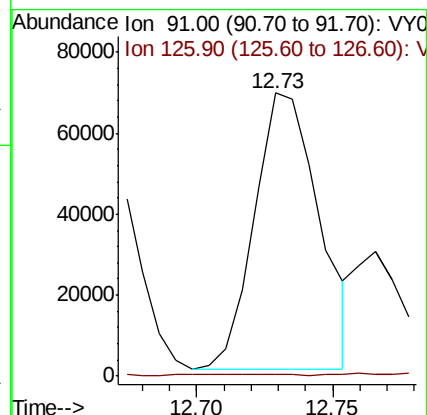
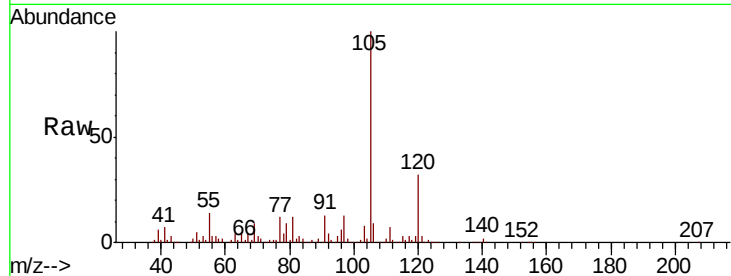
ClientSampleId :

Tot Ion: 91 Resp: 112247

Ion Ratio Lower Upper

91 100

126 0.9 17.3 51.7#



#80

1,3,5-Trimethylbenzene

Concen: 80.785 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001122.D

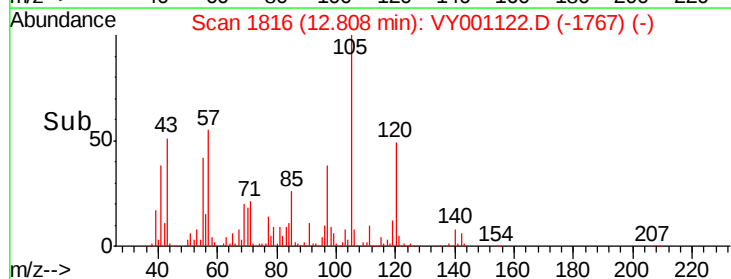
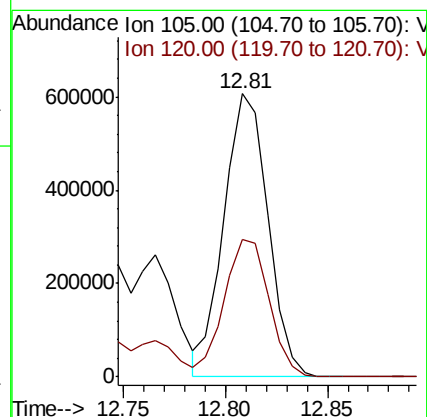
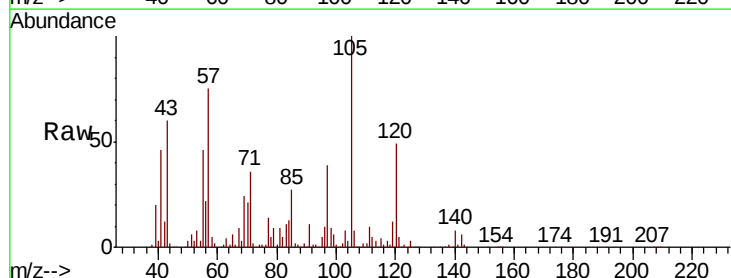
Acq: 30 Dec 2019 13:55

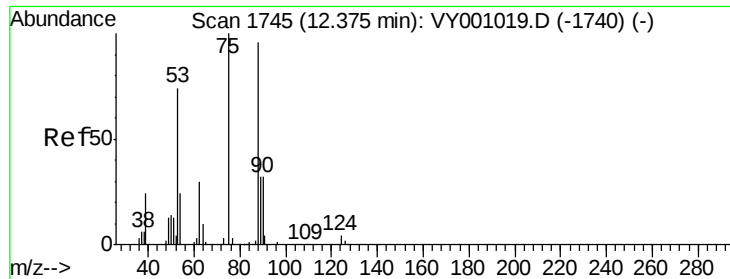
Tgt Ion: 105 Resp: 904842

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 84.705 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

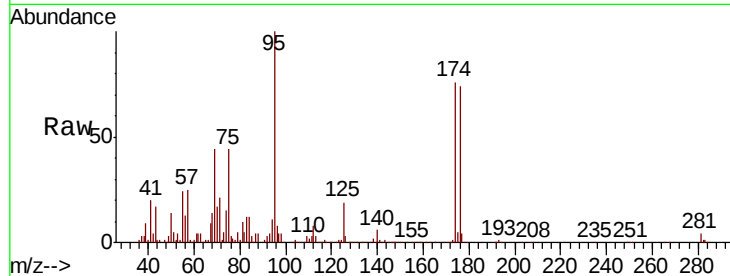
Tot Ion: 75 Resp: 86456

Ion Ratio Lower Upper

75 100

53 6.2 60.6 91.0#

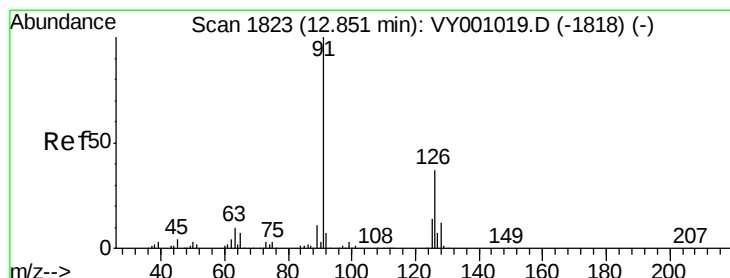
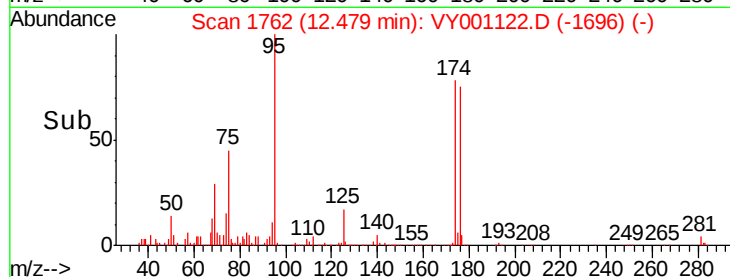
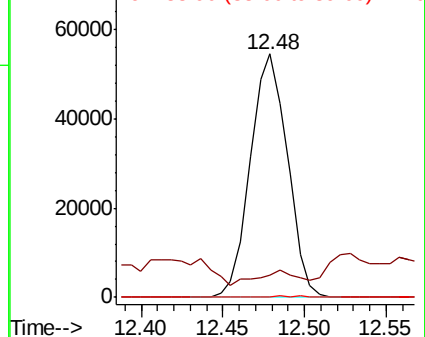
89 0.5 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 11.168 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY001122.D

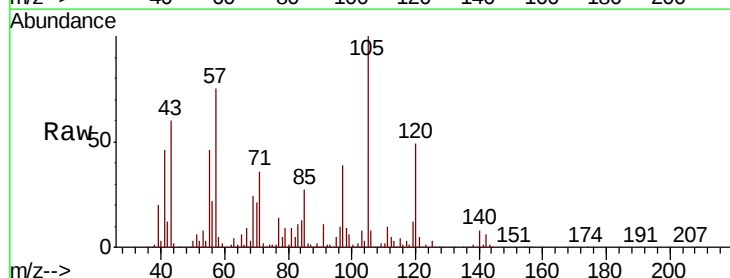
Acq: 30 Dec 2019 13:55

Tgt Ion: 91 Resp: 106658

Ion Ratio Lower Upper

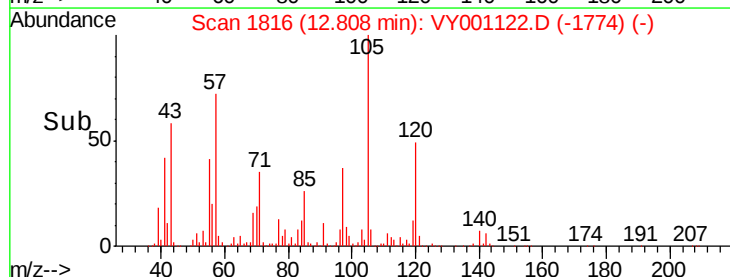
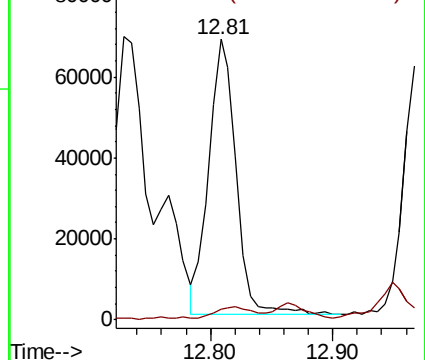
91 100

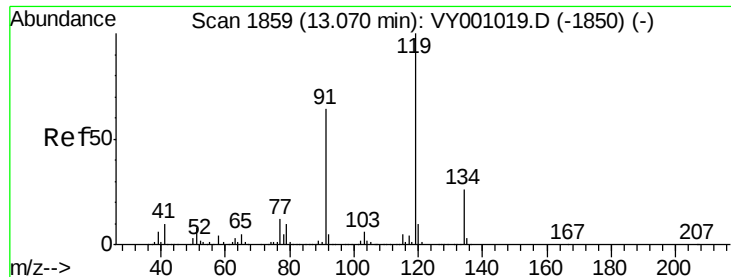
126 5.2 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.834 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.05 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

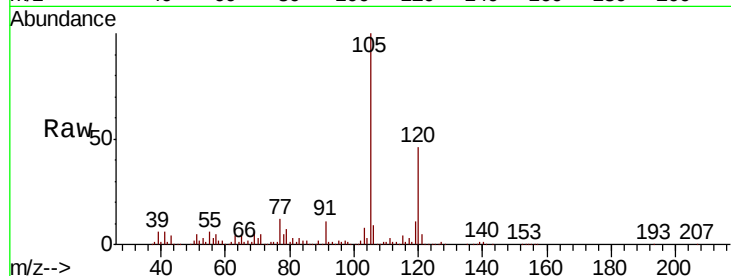
Tot Ion:119 Resp: 167682

Ion Ratio Lower Upper

119 100

91 89.3 31.9 95.7

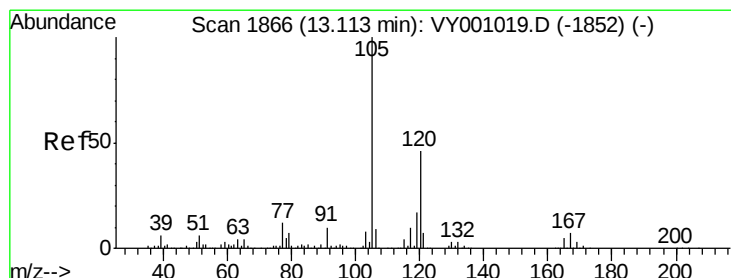
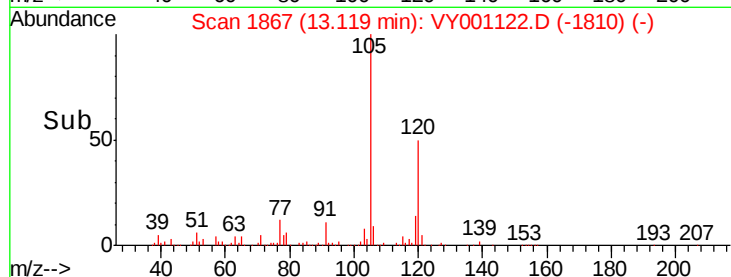
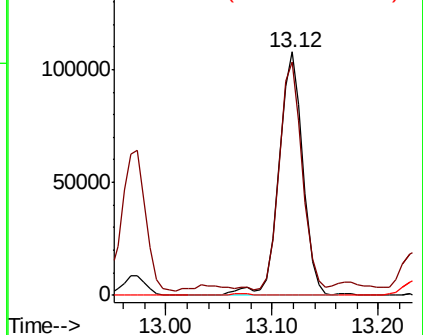
134 0.0 13.6 40.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 125.497 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VY001122.D

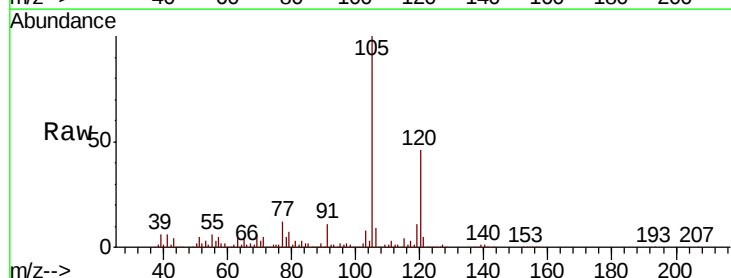
Acq: 30 Dec 2019 13:55

Tgt Ion:105 Resp: 1412517

Ion Ratio Lower Upper

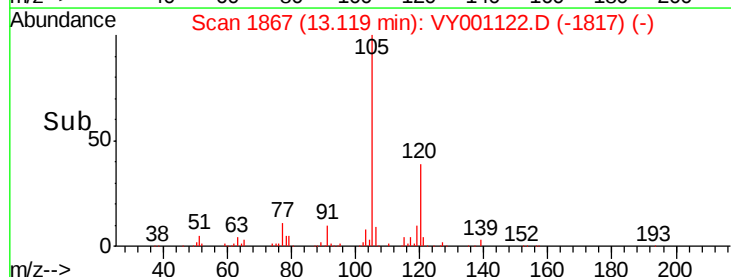
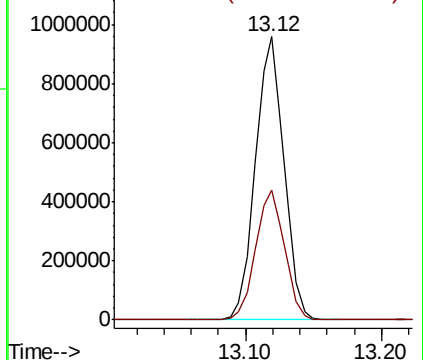
105 100

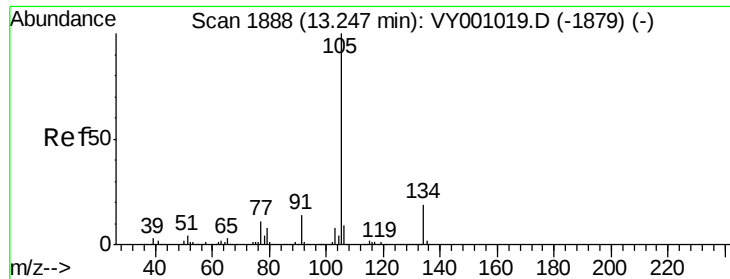
120 46.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

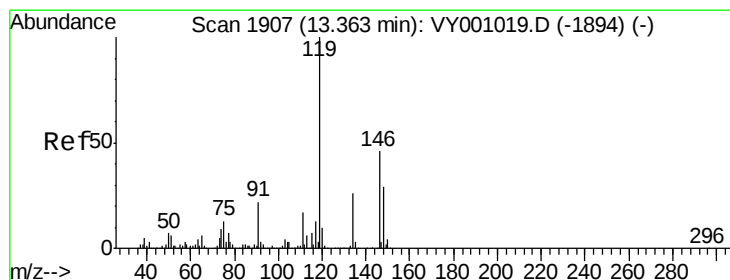
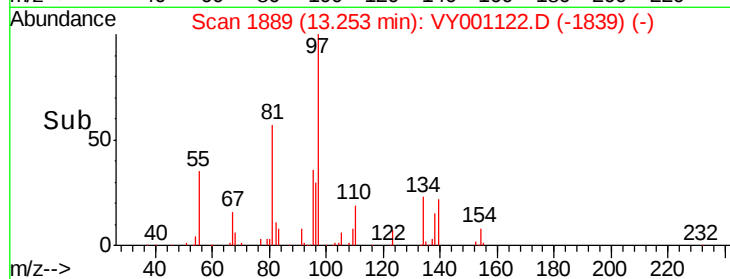
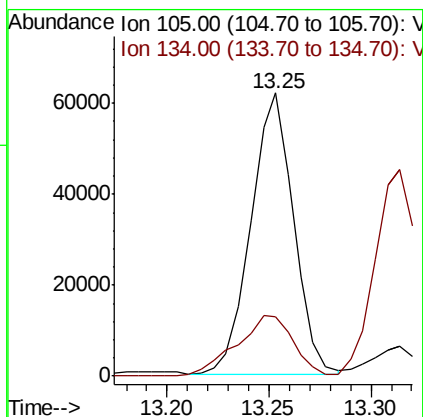
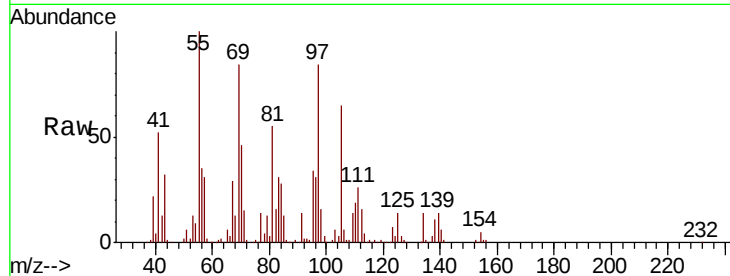




#85
 sec-Butylbenzene
 Concen: 6.511 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

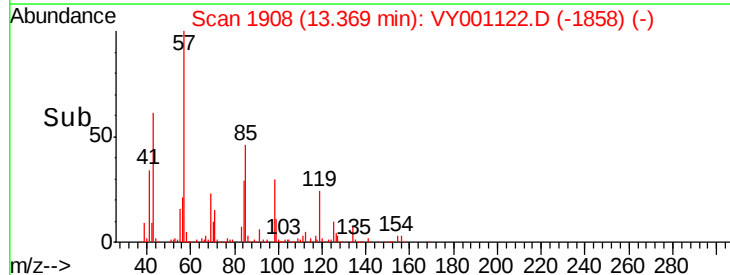
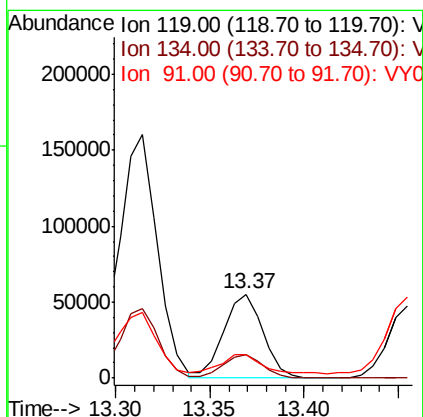
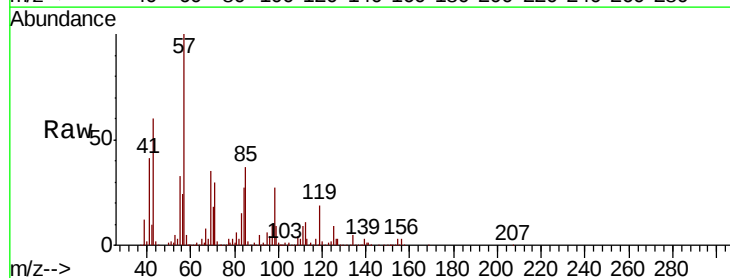
Instrument :
 MSVOA_Y
 ClientSampled :

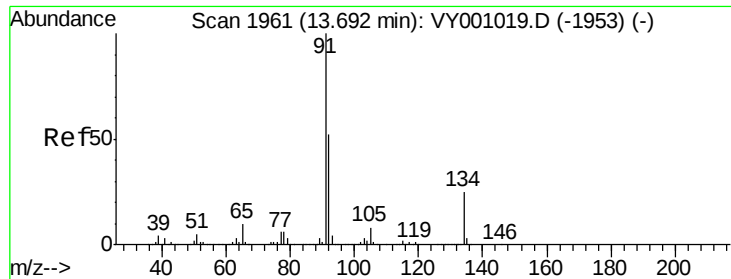
Tot Ion:105 Resp: 90247
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 6.622 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001122.D
 Acq: 30 Dec 2019 13:55

Tgt Ion:119 Resp: 79428
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.7
 91 22.8 11.4 34.1





#89

n-Butylbenzene

Concen: 11.978 ug/l

RT: 13.66 min Scan# 1956

Delta R.T. -0.03 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

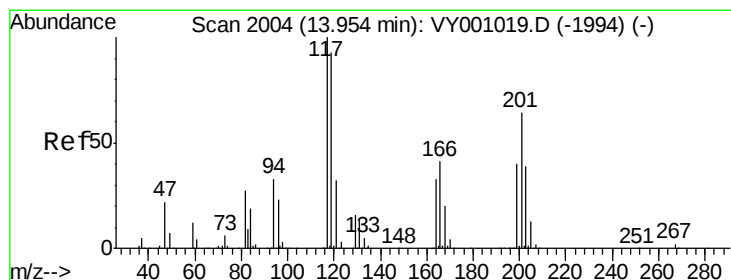
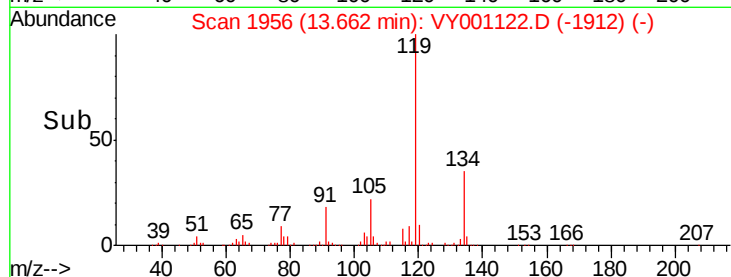
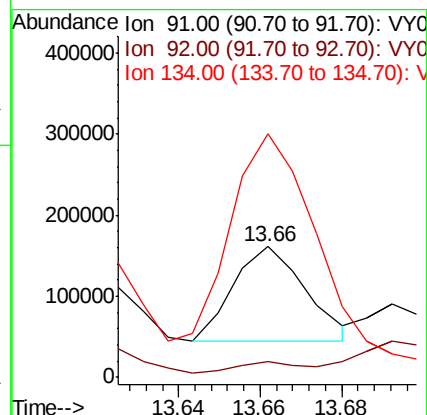
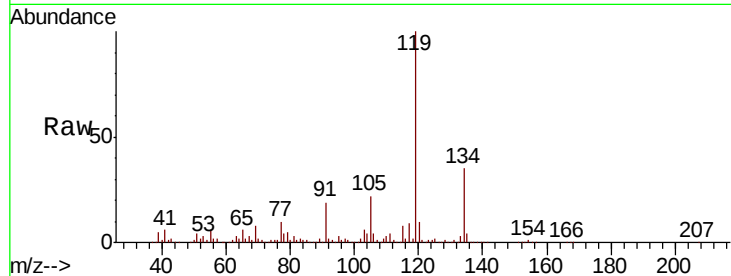
Tot Ion: 91 Resp: 144542

Ion Ratio Lower Upper

91 100

92 16.5 26.9 80.7#

134 344.9 12.7 38.0#



#90

Hexachloroethane

Concen: 36.194 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.02 min

Lab File: VY001122.D

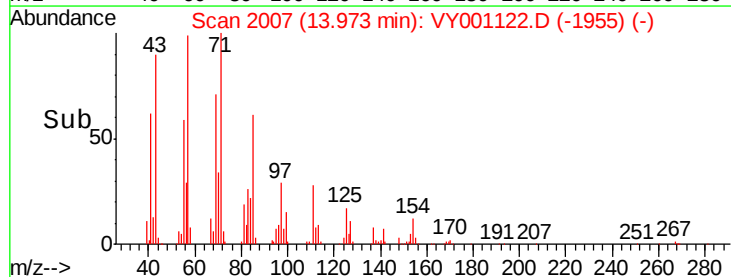
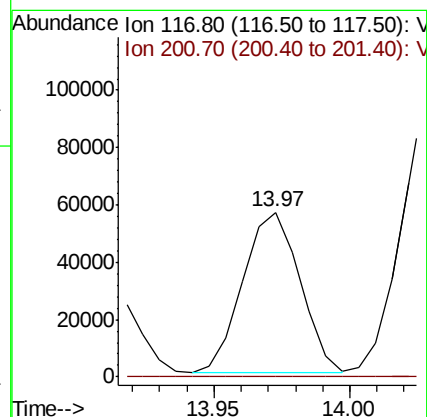
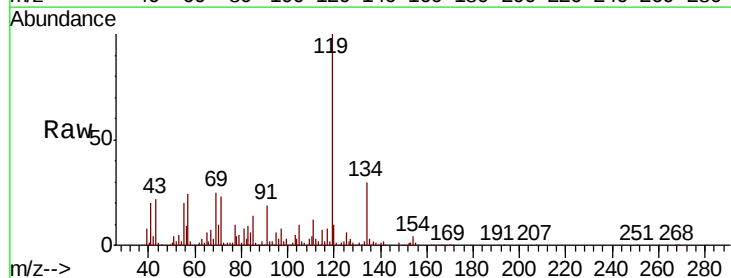
Acq: 30 Dec 2019 13:55

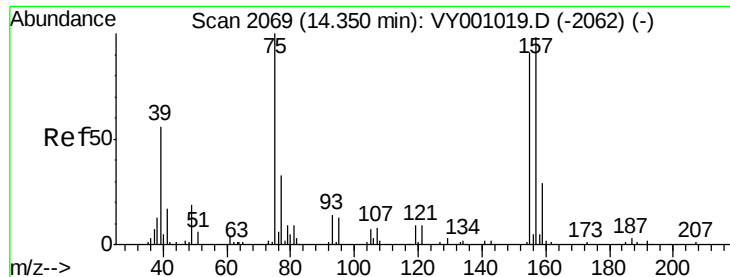
Tgt Ion: 117 Resp: 81787

Ion Ratio Lower Upper

117 100

201 0.0 33.7 101.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.185 ug/l

RT: 14.34 min Scan# 2067

Delta R.T. -0.01 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

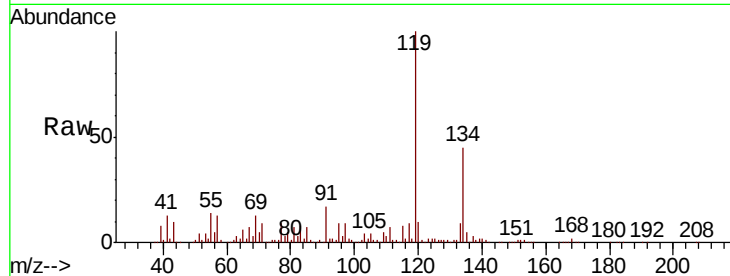
Tot Ion: 75 Resp: 6839

Ion Ratio Lower Upper

75 100

155 0.0 46.3 138.9#

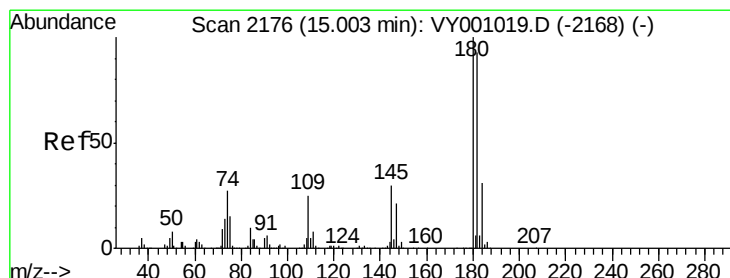
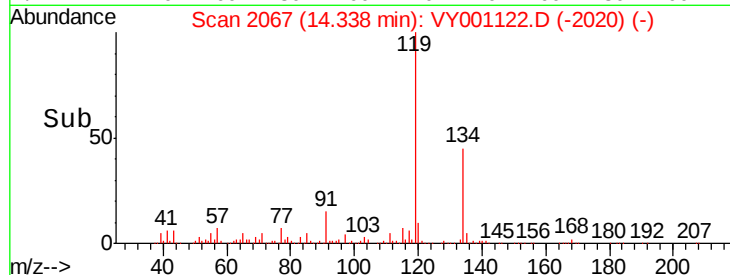
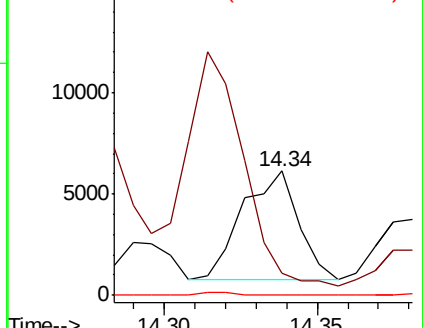
157 0.0 58.1 174.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.365 ug/l

RT: 15.02 min Scan# 2179

Delta R.T. 0.02 min

Lab File: VY001122.D

Acq: 30 Dec 2019 13:55

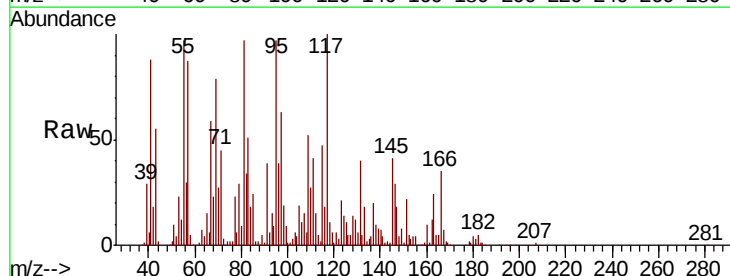
Tgt Ion: 180 Resp: 8690

Ion Ratio Lower Upper

180 100

182 0.0 46.8 140.3#

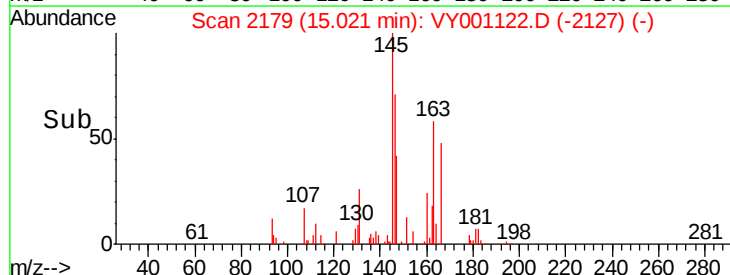
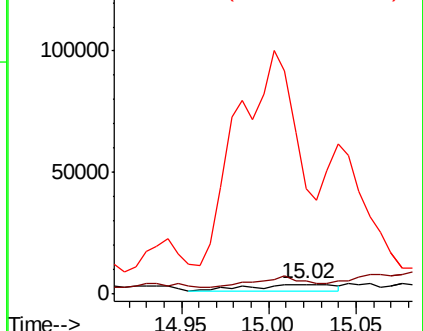
145 1256.3 15.3 45.9#

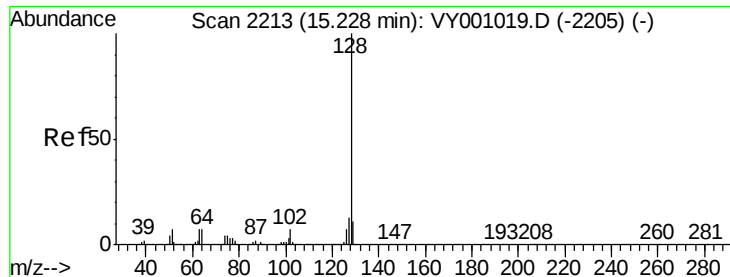


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

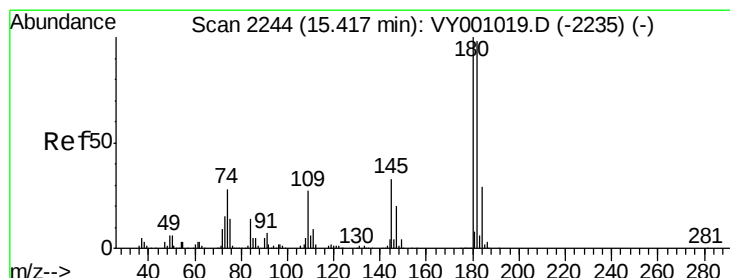
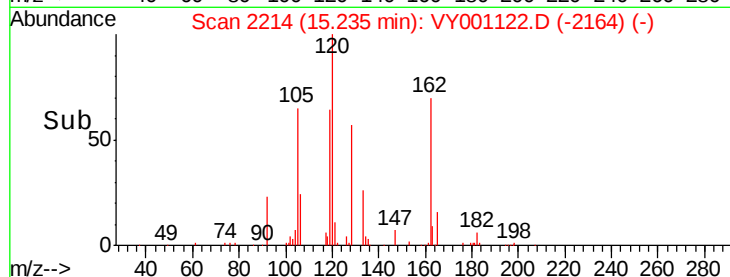
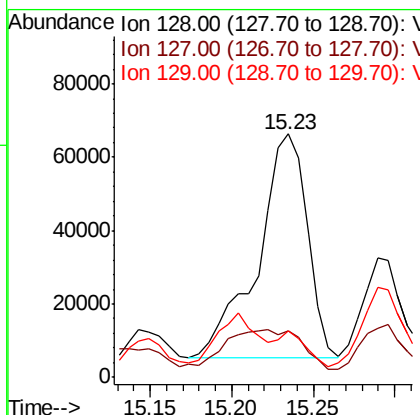
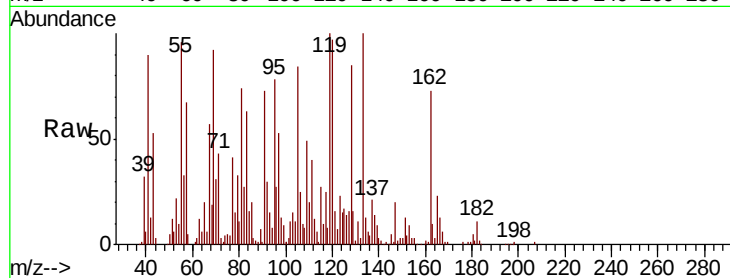




#95
Naphthalene
Concen: 14.852 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 128355
Ion Ratio Lower Upper
128 100
127 26.7 9.9 14.9#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 7.670 ug/l
RT: 15.39 min Scan# 2240
Delta R.T. -0.02 min
Lab File: VY001122.D
Acq: 30 Dec 2019 13:55

Tgt Ion:180 Resp: 25138
Ion Ratio Lower Upper
180 100
182 13.1 47.9 143.8#
145 532.8 16.3 48.9#

