

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000899.D
 Acq On : 06 Dec 2019 14:18
 Operator : SY/MD
 Sample : K6187-07
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 17:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	10523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	10378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	5256	90.26	ug/l	0.00
Spiked Amount			Recovery	=	180.52%	
35) Dibromofluoromethane	7.72	113	1747	28.49	ug/l	0.00
Spiked Amount			Recovery	=	56.98%	
50) Toluene-d8	10.18	98	13223	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.47	95	4439	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	

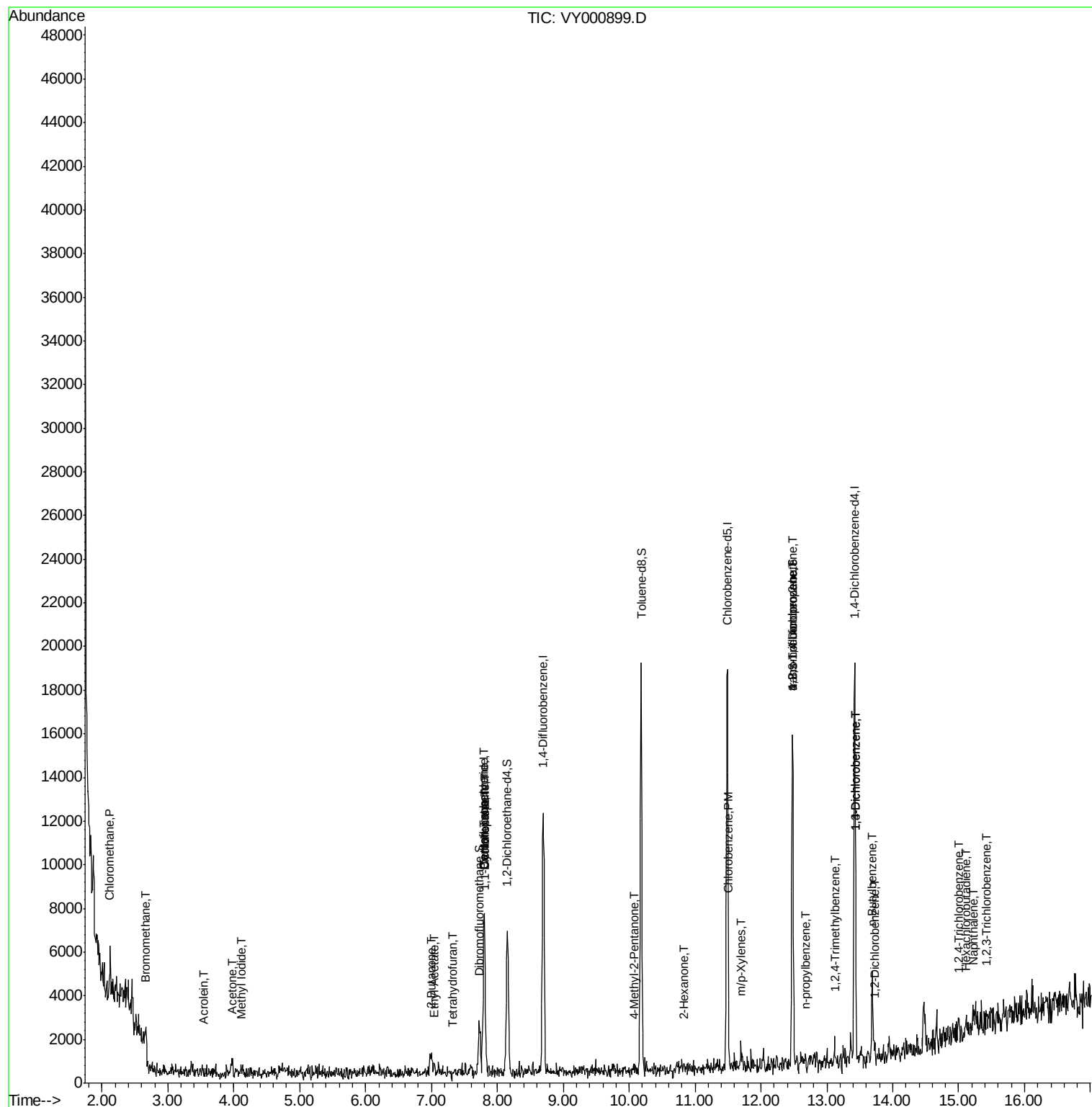
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	633	8.705	ug/l #	76
5) Bromomethane	2.66	94	501	10.387	ug/l #	57
10) Methyl Iodide	4.11	142	408	5.343	ug/l #	54
13) Acrolein	3.55	56	48	8.318	ug/l #	15
16) Acetone	3.97	43	678	50.757	ug/l #	76
25) 2-Butanone	6.99	43	75	3.039	ug/l #	49
29) Tetrahydrofuran	7.32	42	55	3.364	ug/l #	33
31) Cyclohexane	7.81	56	213	1.723	ug/l #	16
36) 1,1-Dichloropropene	7.82	75	190	1.816	ug/l #	41
37) Ethyl Acetate	7.03	43	62	1.026	ug/l #	67
38) Carbon Tetrachloride	7.80	117	510	5.473	ug/l #	11
51) 4-Methyl-2-Pentanone	10.08	43	131	2.227	ug/l #	34
59) 2-Hexanone	10.83	43	229	5.343	ug/l #	22
65) Chlorobenzene	11.51	112	217	1.006	ug/l #	43
68) m/p-Xylenes	11.69	106	286	1.897	ug/l #	45
76) 1,2,3-Trichloropropane	12.49	75	2285	43.158	ug/l #	100
78) n-propylbenzene	12.67	91	493	1.085	ug/l #	66
81) trans-1,4-Dichloro-2-buten	12.49	75	2285	84.775	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.11	105	395	1.282	ug/l #	9
87) 1,3-Dichlorobenzene	13.44	146	383	2.421	ug/l	86
88) 1,4-Dichlorobenzene	13.44	146	383	2.445	ug/l	86
89) n-Butylbenzene	13.69	91	592	1.787	ug/l #	86
91) 1,2-Dichlorobenzene	13.73	146	194	1.363	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.00	180	421	4.372	ug/l	73
94) Hexachlorobutadiene	15.12	225	52	1.089	ug/l #	34
95) Naphthalene	15.23	128	1095	4.897	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.42	180	365	4.243	ug/l #	54

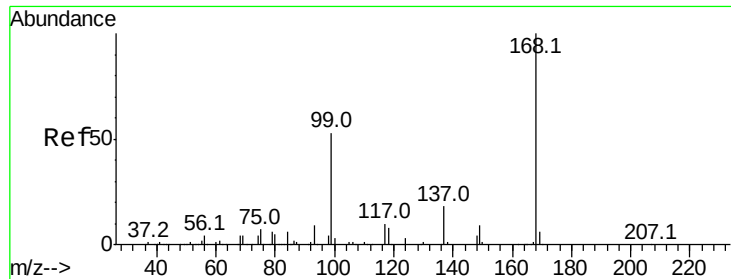
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

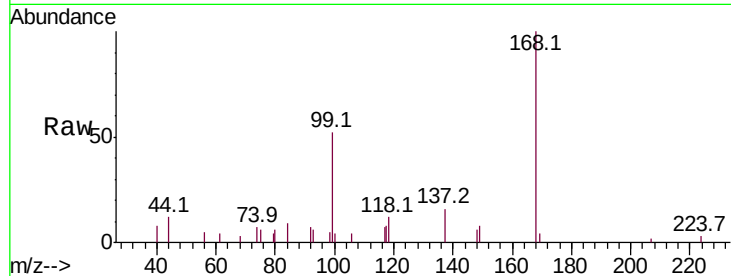
ClientSampled :

Tot Ion:168 Resp: 5480

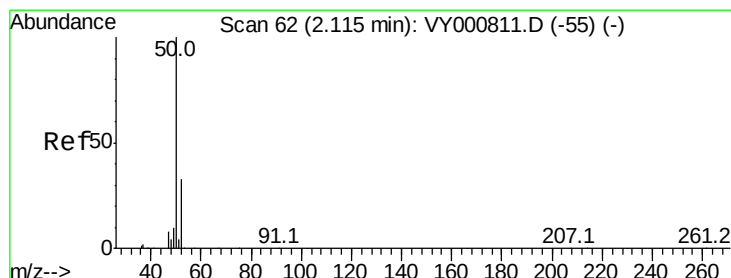
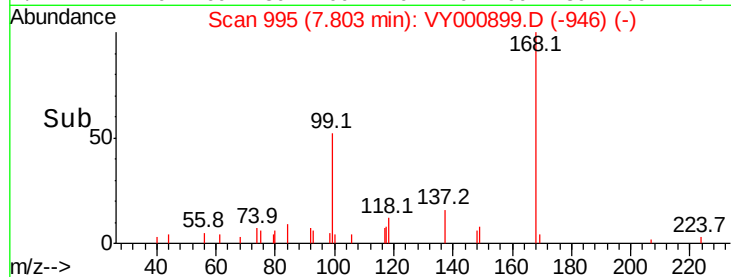
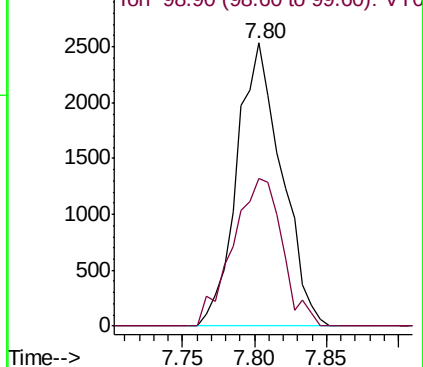
Ion Ratio Lower Upper

168 100

99 52.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000899.D (-946) (-)



#3

Chloromethane

Concen: 8.705 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY000899.D

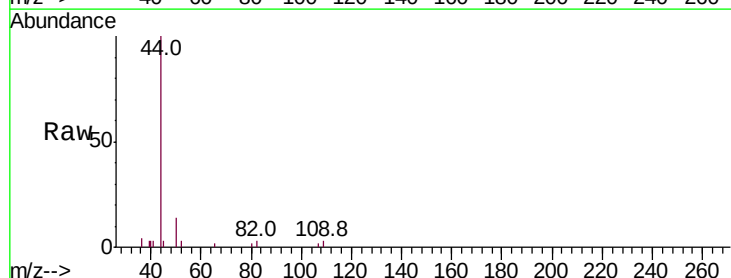
Acq: 06 Dec 2019 14:18

Tgt Ion: 50 Resp: 633

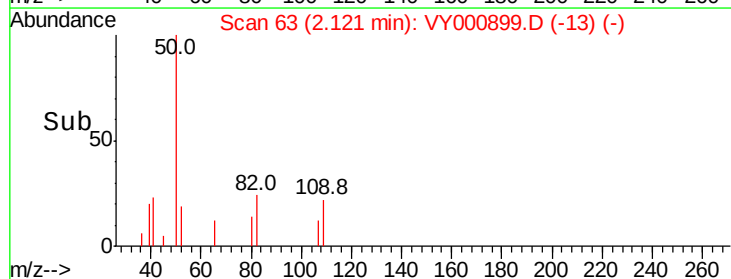
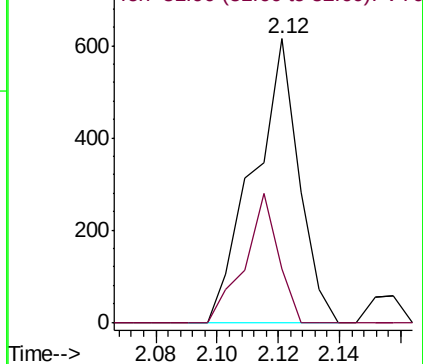
Ion Ratio Lower Upper

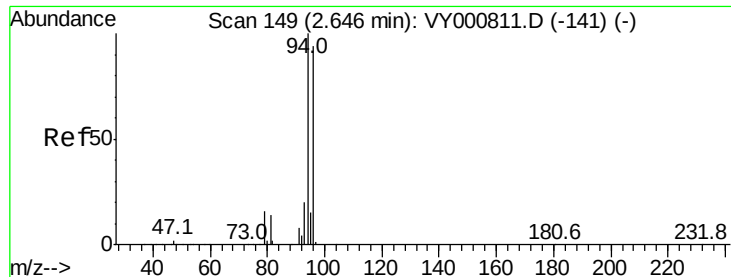
50 100

52 18.9 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VY000899.D (-13) (-)





#5

Bromomethane

Concen: 10.387 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

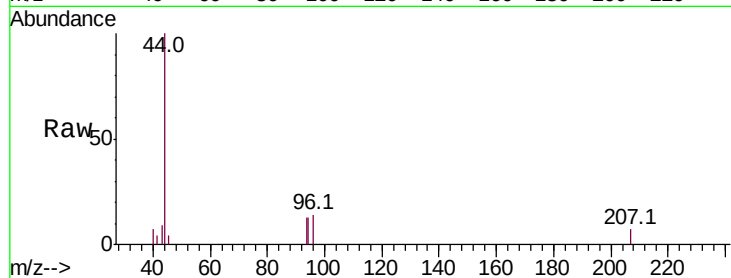
ClientSampleId :

Tot Ion: 94 Resp: 501

Ion Ratio Lower Upper

94 100

96 52.2 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

400

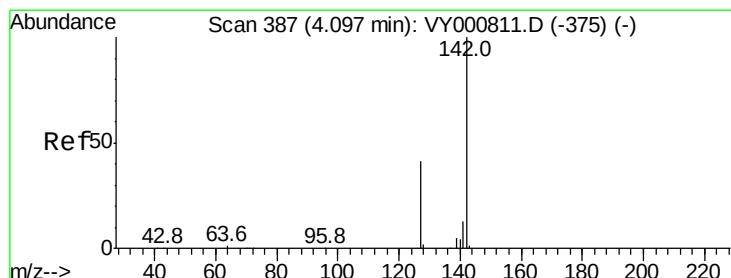
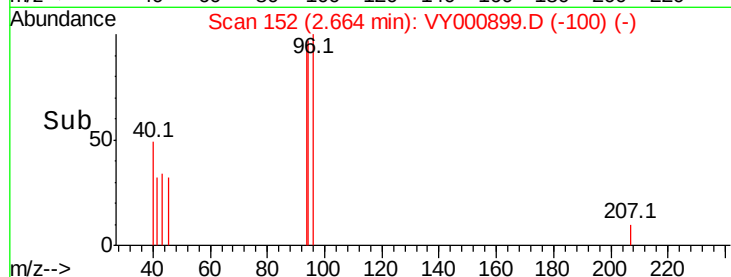
300

200

100

0

Time--> 2.60 2.65 2.70



#10

Methyl Iodide

Concen: 5.343 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

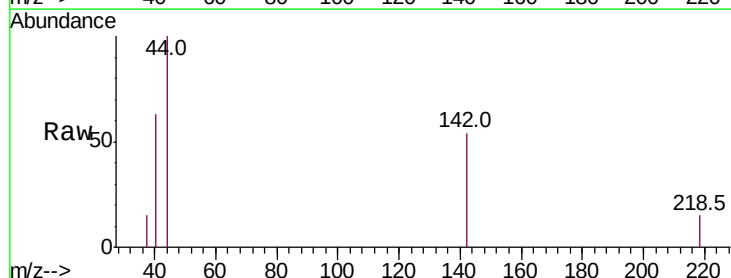
Tgt Ion: 142 Resp: 408

Ion Ratio Lower Upper

142 100

127 11.0 33.8 50.8#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

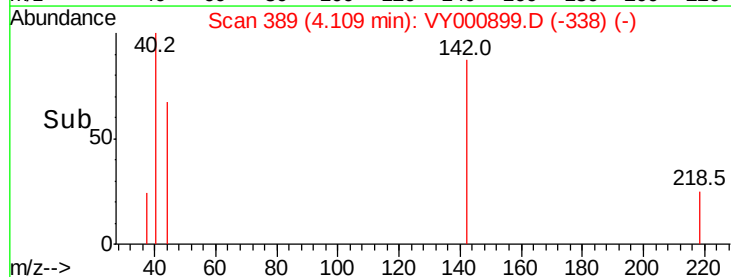
150

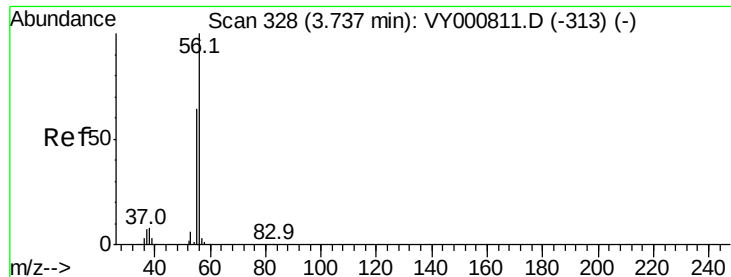
100

50

0

Time--> 4.05 4.10 4.15





#13

Acrolein

Concen: 8.318 ug/l

RT: 3.55 min Scan# 297

Delta R.T. -0.19 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

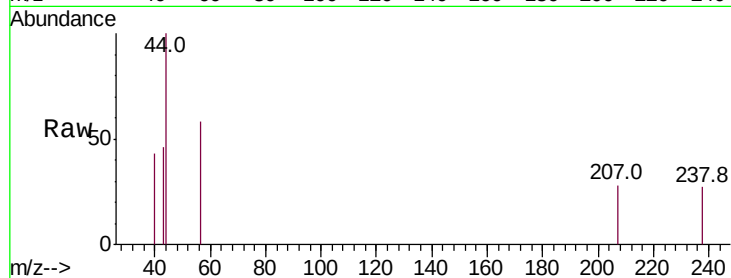
ClientSampled :

Tot Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.55

150

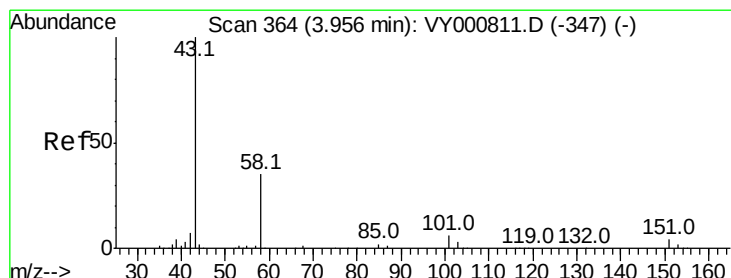
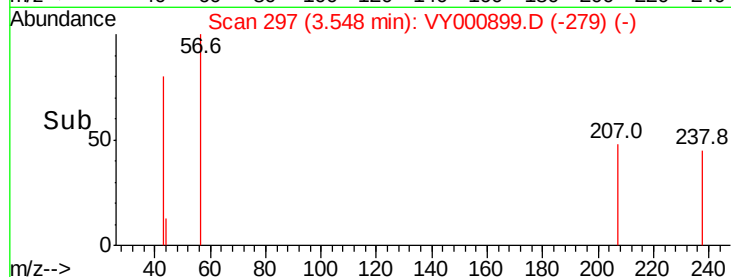
100

50

0

3.53 3.54 3.55 3.56

Time-->



#16

Acetone

Concen: 50.757 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000899.D

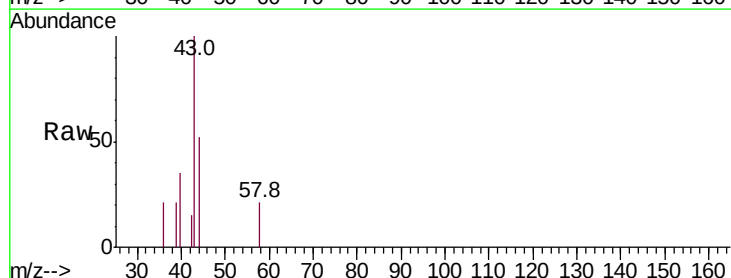
Acq: 06 Dec 2019 14:18

Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

58 20.8 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

500

400

300

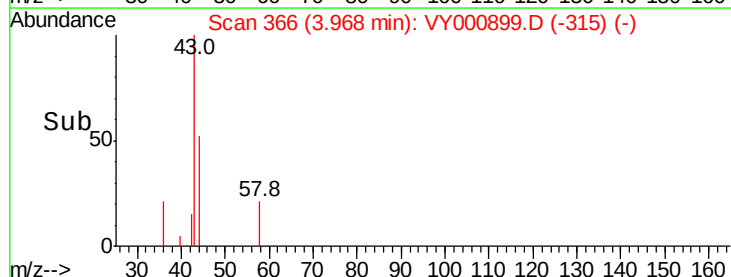
200

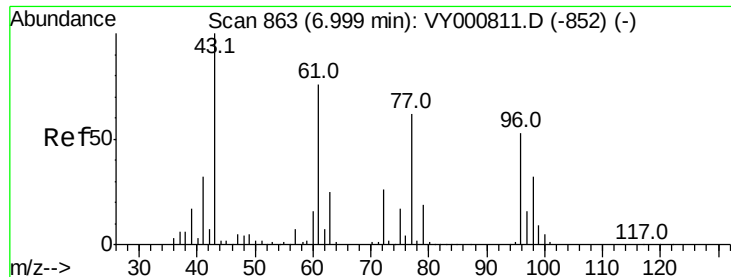
100

0

3.90 3.95 4.00

Time-->





#25

2-Butanone

Concen: 3.039 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

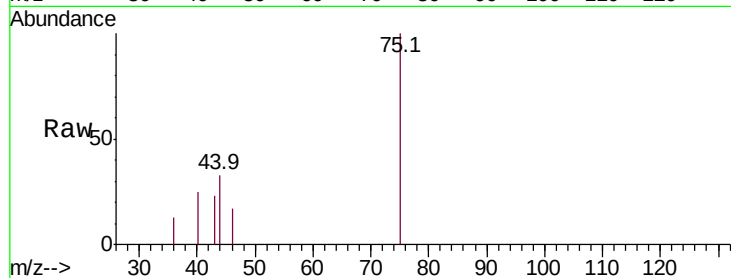
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

150

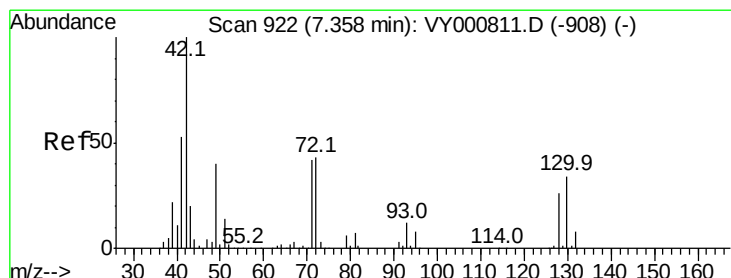
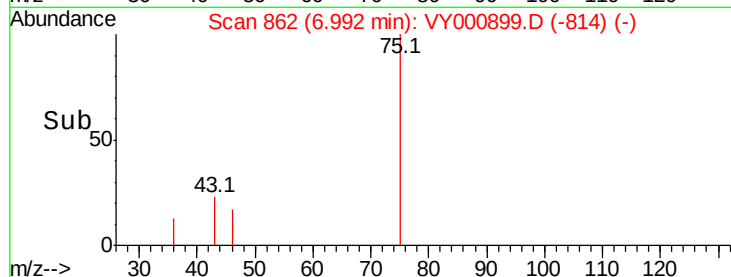
100

50

0

6.96 6.98 7.00

Time-->



#29

Tetrahydrofuran

Concen: 3.364 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.04 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

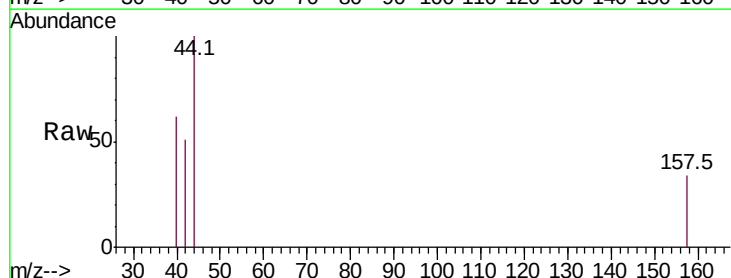
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 0.0 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

120

100

80

60

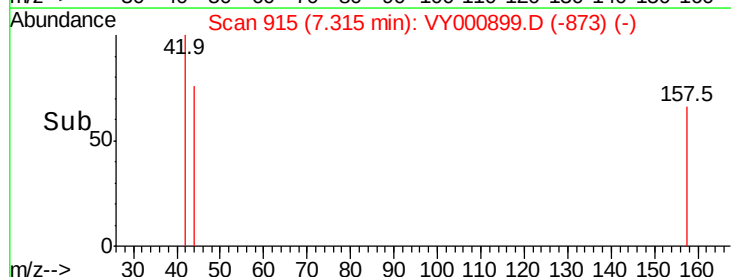
40

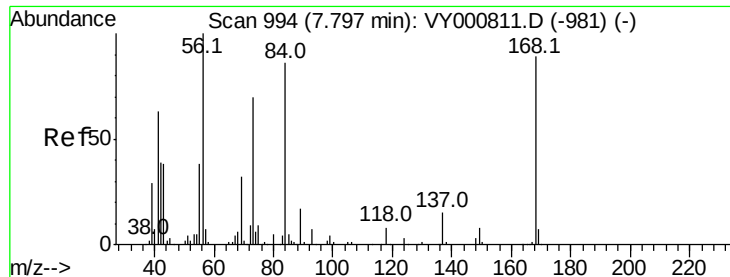
20

0

7.30 7.32 7.34

Time-->

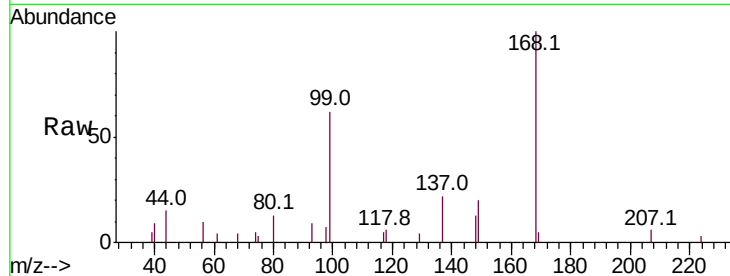




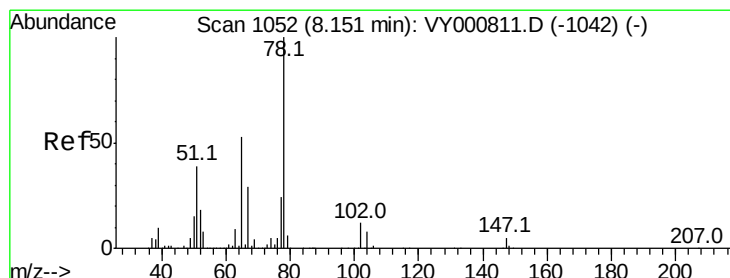
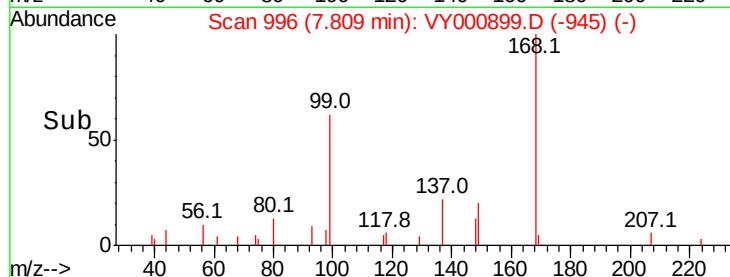
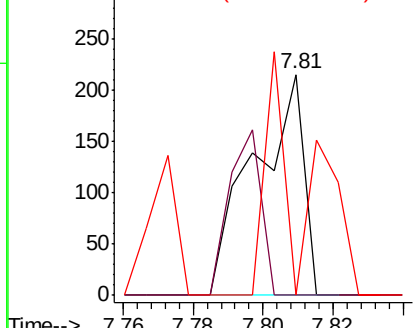
#31
Cyclohexane
Concen: 1.723 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
69 0.0 25.9 38.9#
84 0.0 68.6 102.8#

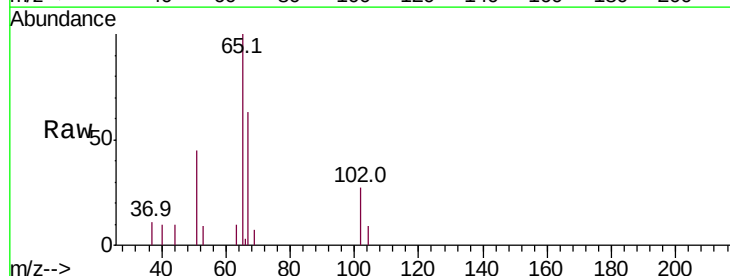


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

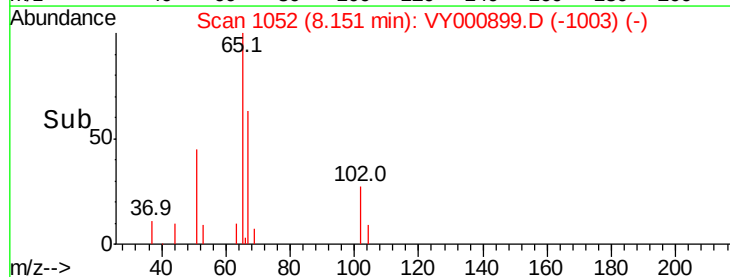
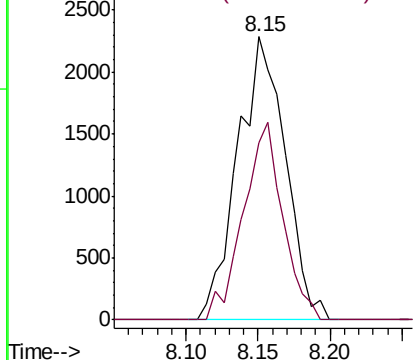


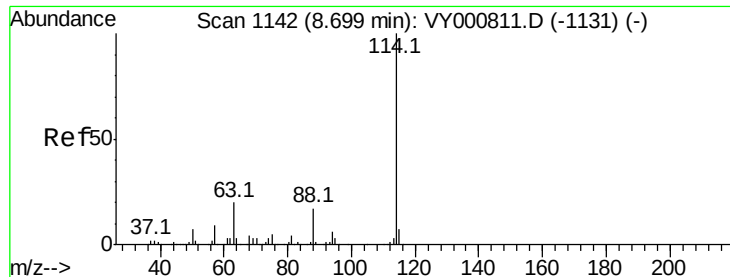
#33
1,2-Dichloroethane-d4
Concen: 90.263 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 65 Resp: 5256
Ion Ratio Lower Upper
65 100
67 57.6 0.0 112.0



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

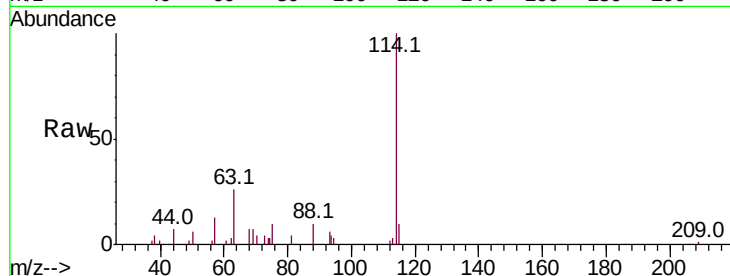




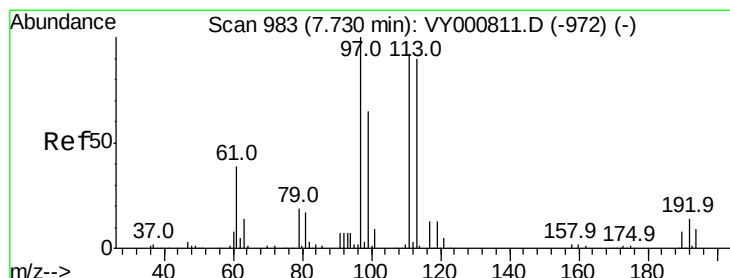
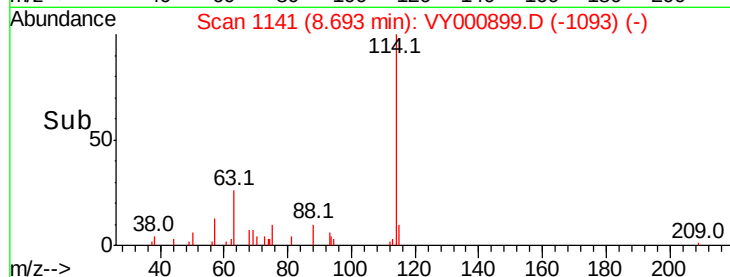
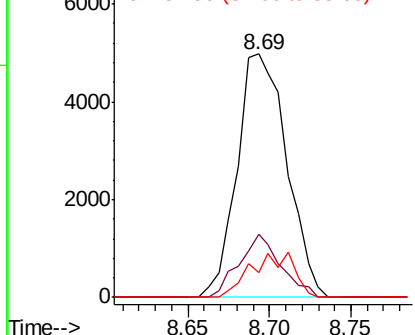
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 10523
Ion Ratio Lower Upper
114 100
63 25.7 0.0 39.8
88 10.3 0.0 33.2

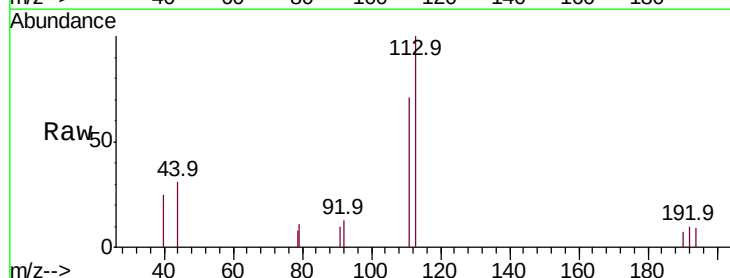


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

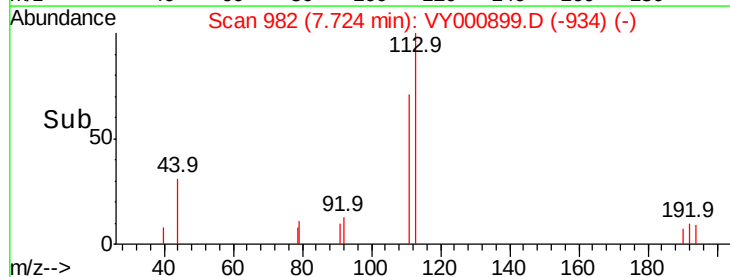
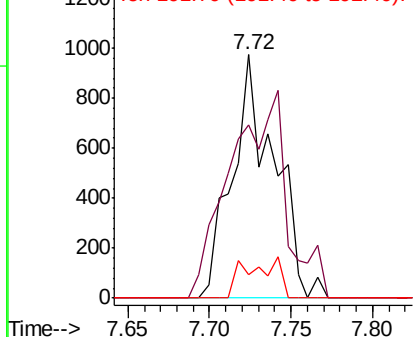


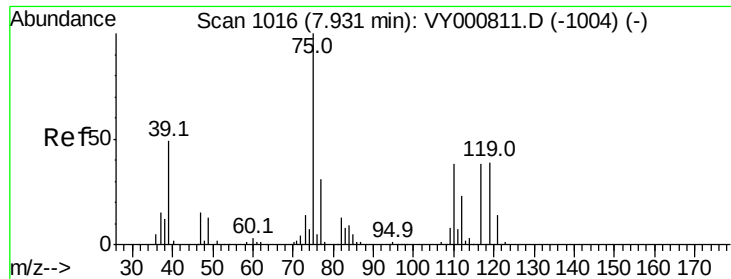
#35
Dibromofluoromethane
Concen: 28.486 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:113 Resp: 1747
Ion Ratio Lower Upper
113 100
111 114.3 82.4 123.6
192 13.1 14.2 21.2#



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

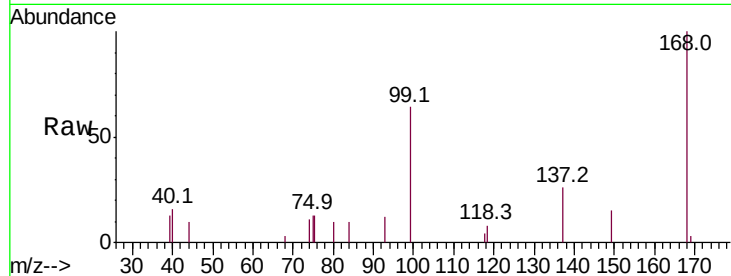




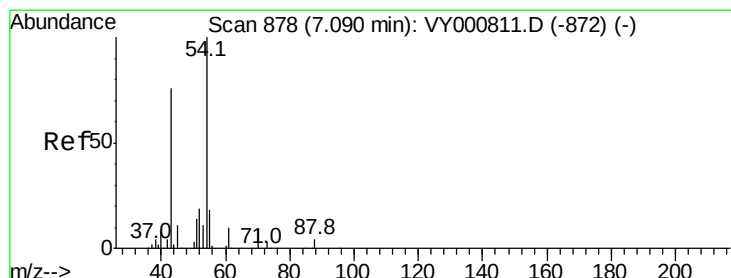
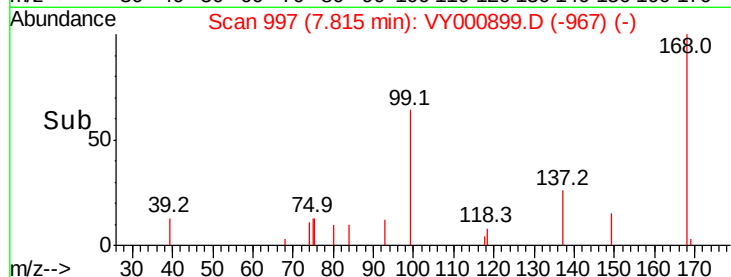
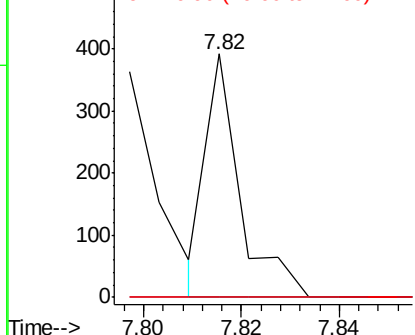
#36
 1,1-Dichloropropene
 Concen: 1.816 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY000899.D
 Acq: 06 Dec 2019 14:18

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.7#
77	0.0	24.7	37.1#

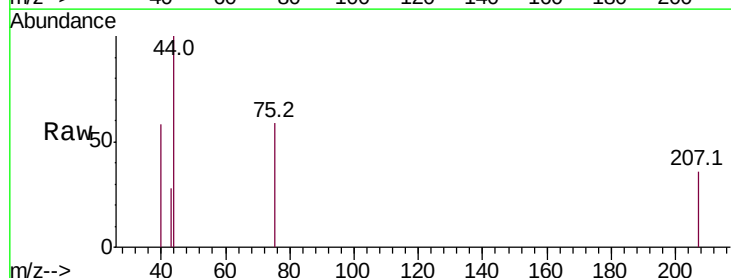


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

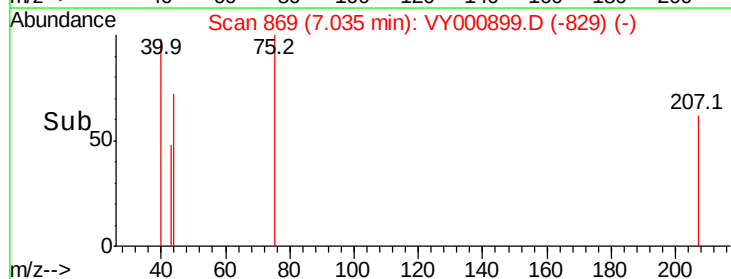
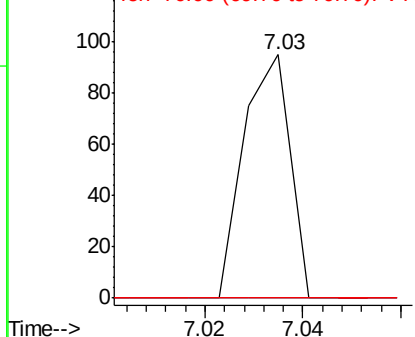


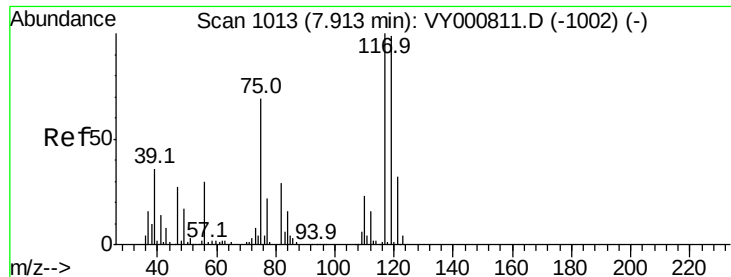
#37
 Ethyl Acetate
 Concen: 1.026 ug/l
 RT: 7.03 min Scan# 869
 Delta R.T. -0.06 min
 Lab File: VY000899.D
 Acq: 06 Dec 2019 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.7	13.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 5.473 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampled :

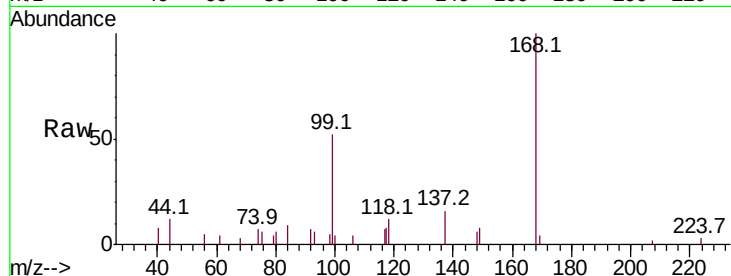
Tot Ion:117 Resp: 510

Ion Ratio Lower Upper

117 100

119 0.0 79.3 118.9#

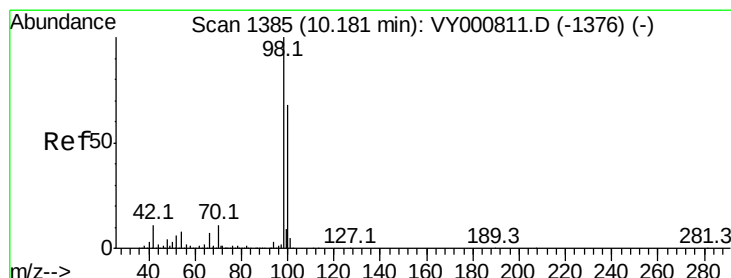
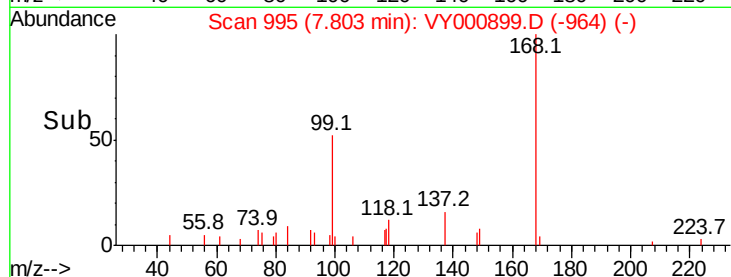
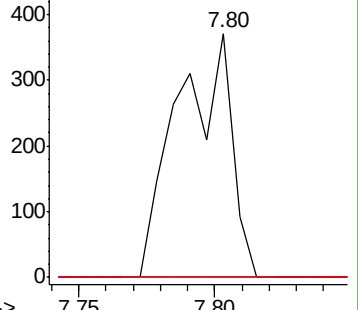
121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.930 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000899.D

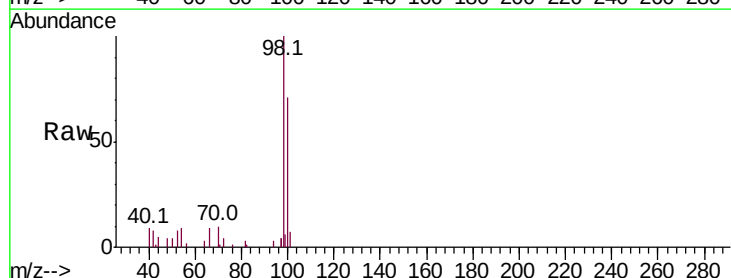
Acq: 06 Dec 2019 14:18

Tgt Ion: 98 Resp: 13223

Ion Ratio Lower Upper

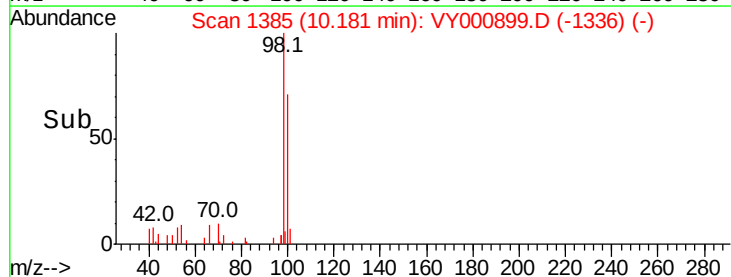
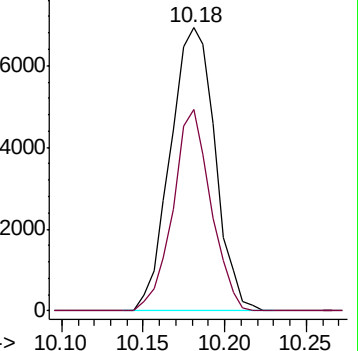
98 100

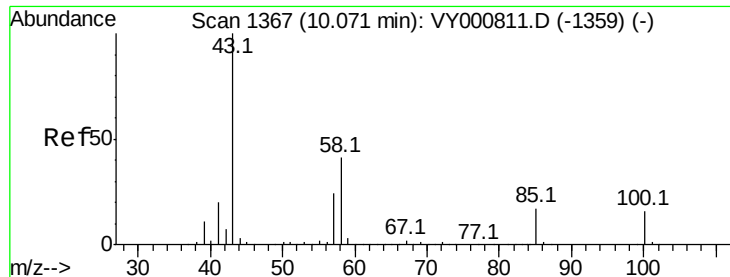
100 60.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 2.227 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

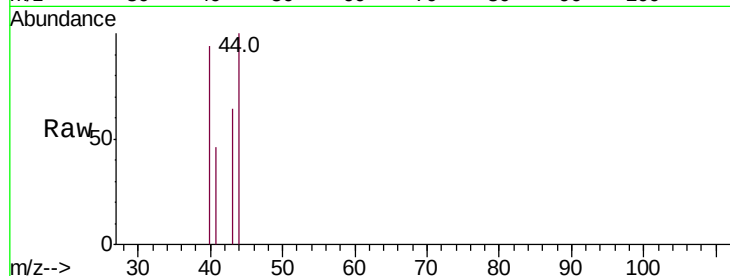
ClientSampleId :

Tot Ion: 43 Resp: 131

Ion Ratio Lower Upper

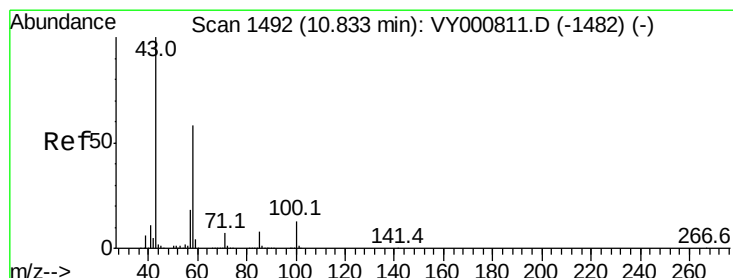
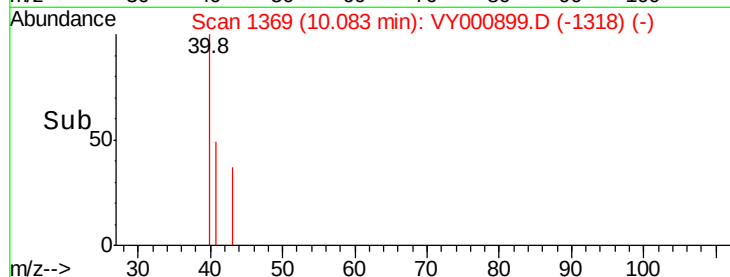
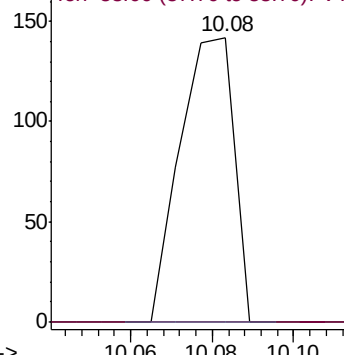
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#59

2-Hexanone

Concen: 5.343 ug/l

RT: 10.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VY000899.D

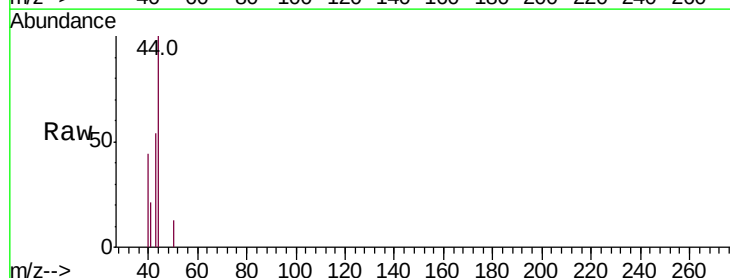
Acq: 06 Dec 2019 14:18

Tgt Ion: 43 Resp: 229

Ion Ratio Lower Upper

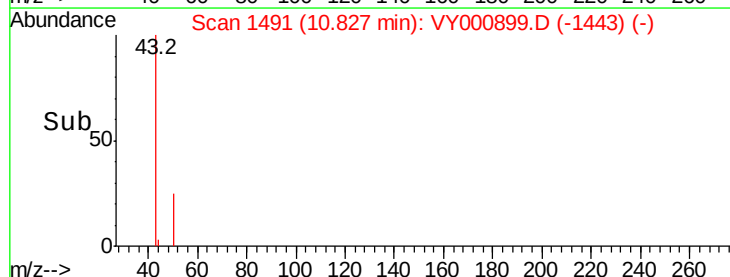
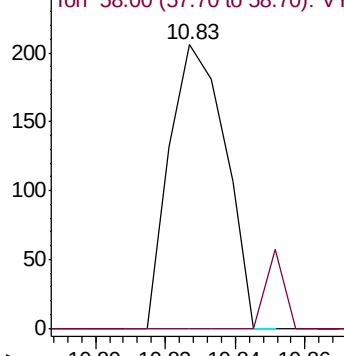
43 100

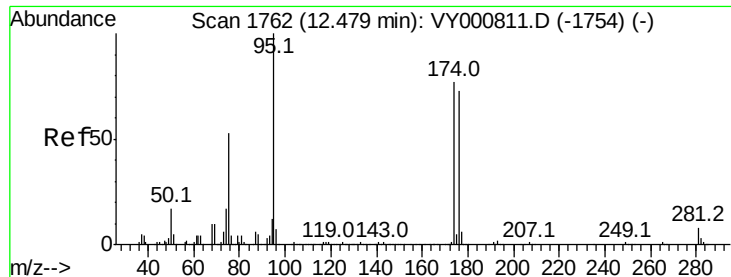
58 0.0 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#62

4-Bromofluorobenzene

Concen: 48.208 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

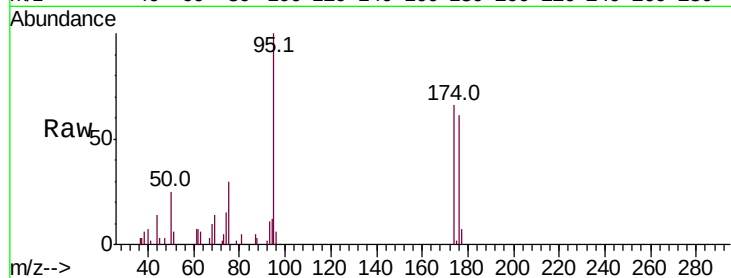
Tot Ion: 95 Resp: 4439

Ion Ratio Lower Upper

95 100

174 81.5 0.0 150.6

176 82.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000811.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000811.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000811.D (-1754) (-)

12.47

3000

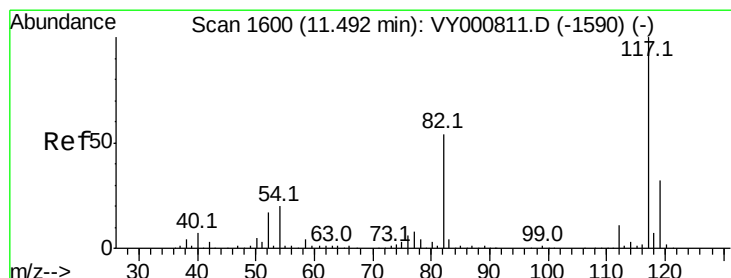
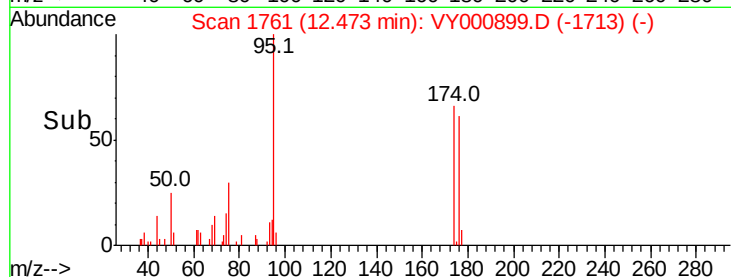
2000

1000

0

12.45 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

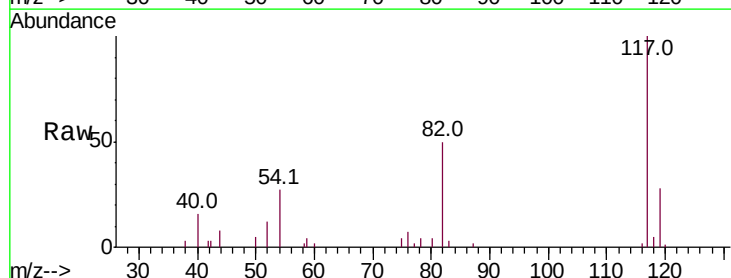
Tgt Ion: 117 Resp: 10378

Ion Ratio Lower Upper

117 100

82 50.4 43.1 64.7

119 27.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VY000811.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY000811.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY000811.D (-1590) (-)

11.49

8000

6000

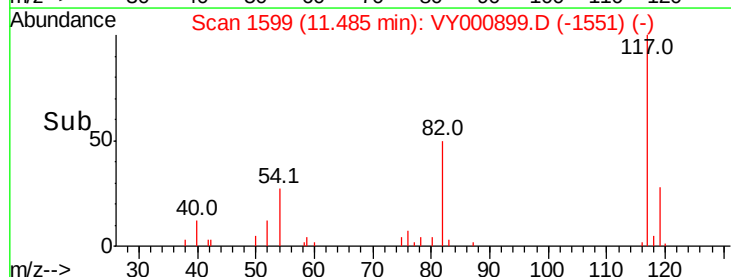
4000

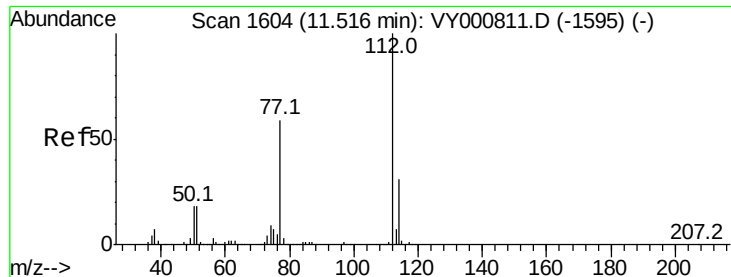
2000

0

11.45 11.50 11.55

Time-->





#65

Chlorobenzene

Concen: 1.006 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

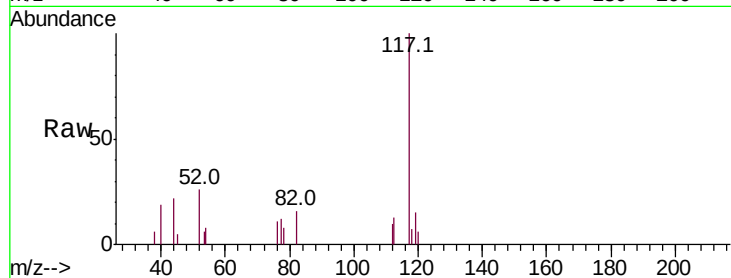
ClientSampleId :

Tot Ion:112 Resp: 217

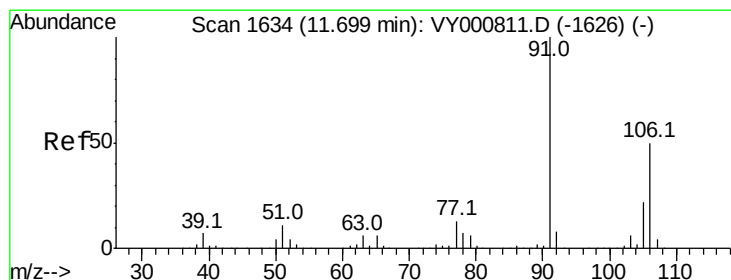
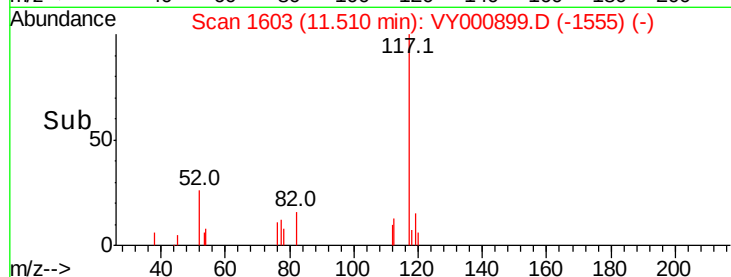
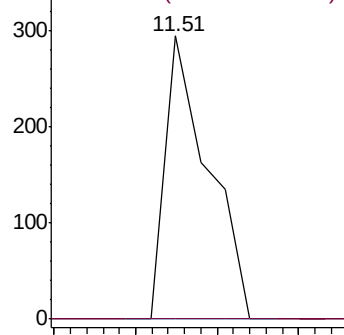
Ion Ratio Lower Upper

112 100

114 0.0 25.1 37.7#



Abundance Ion 111.90 (111.60 to 112.60): V



#68

m/p-Xylenes

Concen: 1.897 ug/l

RT: 11.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: VY000899.D

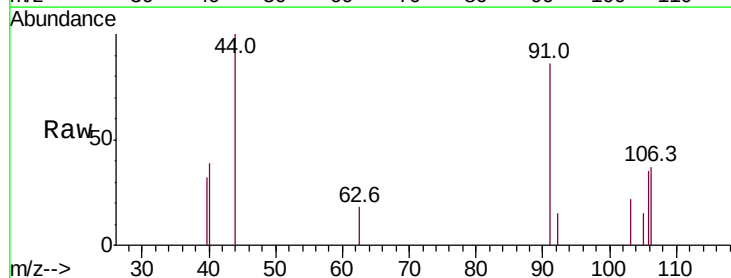
Acq: 06 Dec 2019 14:18

Tgt Ion:106 Resp: 286

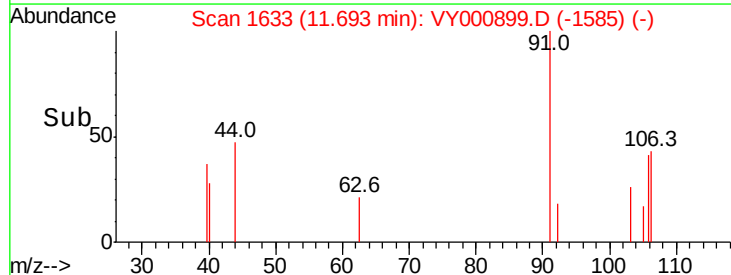
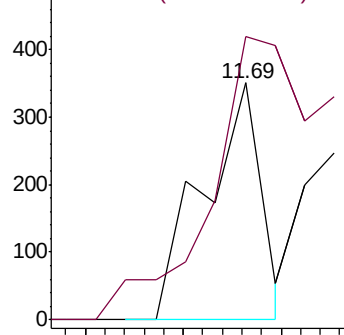
Ion Ratio Lower Upper

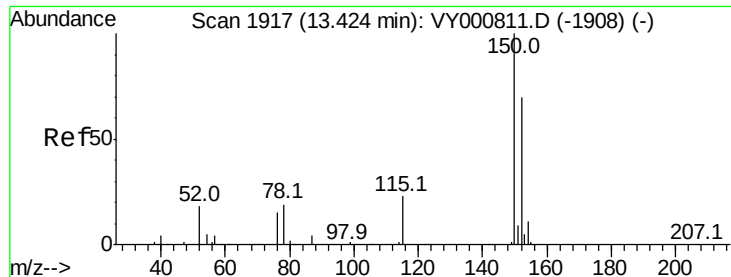
106 100

91 283.2 159.6 239.4#



Abundance Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

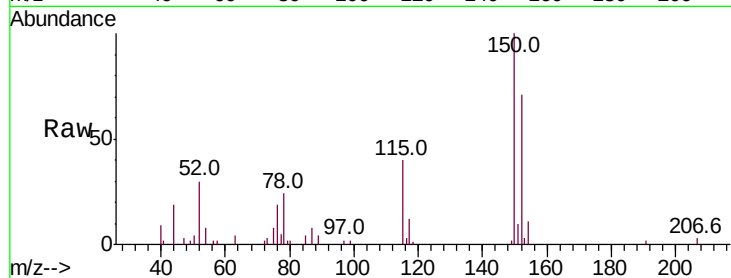
Tot Ion:152 Resp: 4673

Ion Ratio Lower Upper

152 100

115 57.5 29.3 87.8

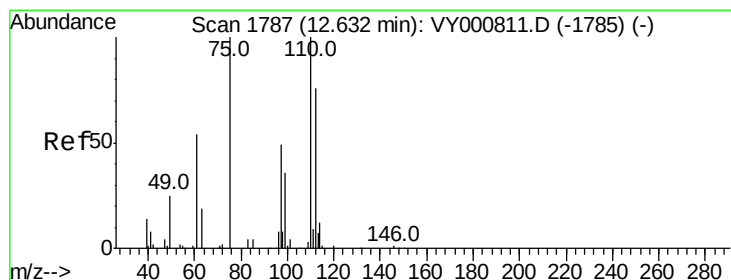
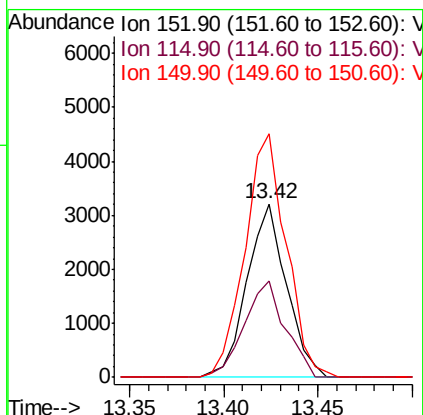
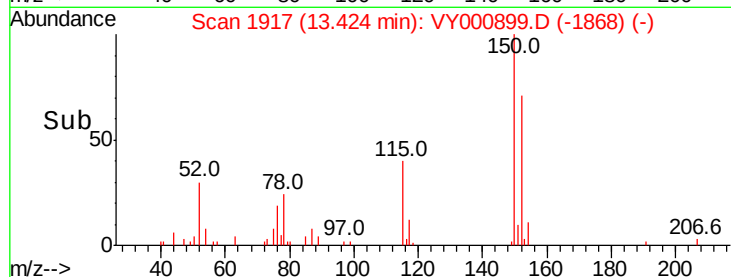
150 146.6 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 43.158 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY000899.D

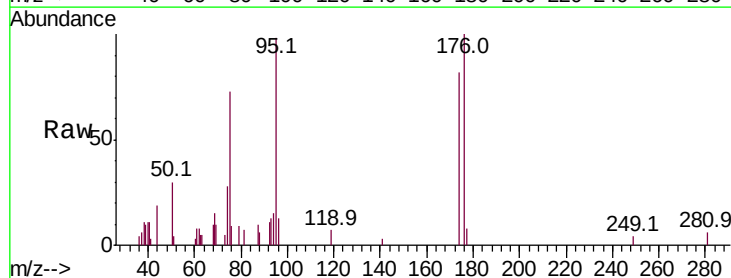
Acq: 06 Dec 2019 14:18

Tgt Ion: 75 Resp: 2285

Ion Ratio Lower Upper

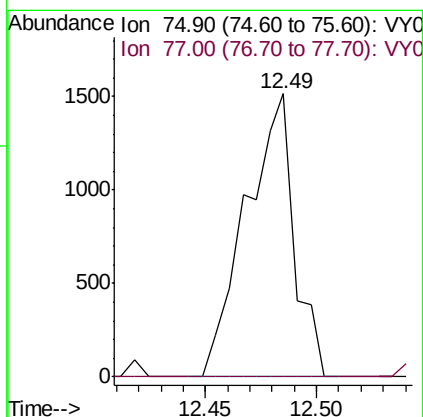
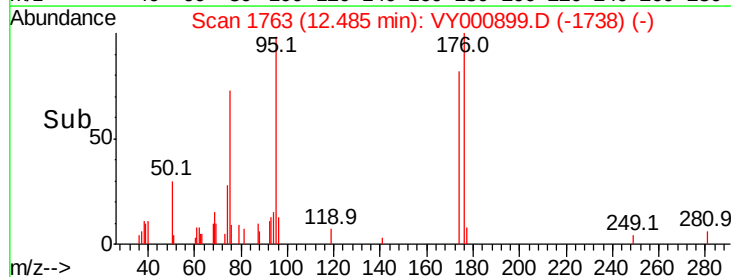
75 100

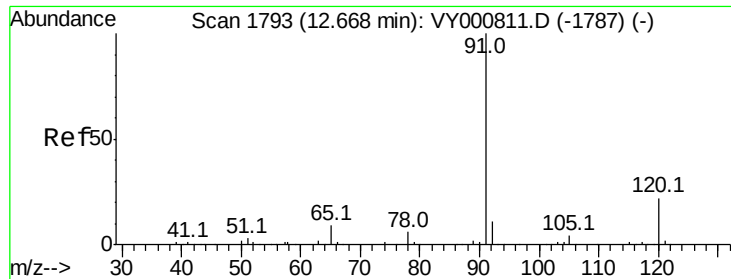
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

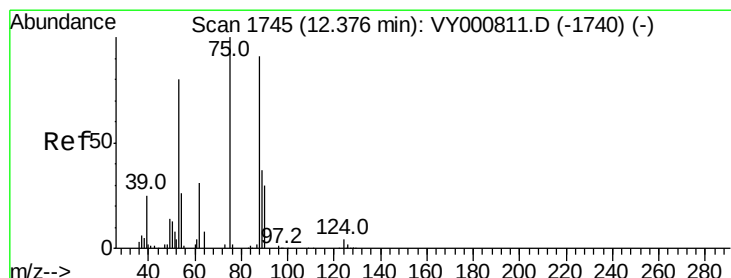
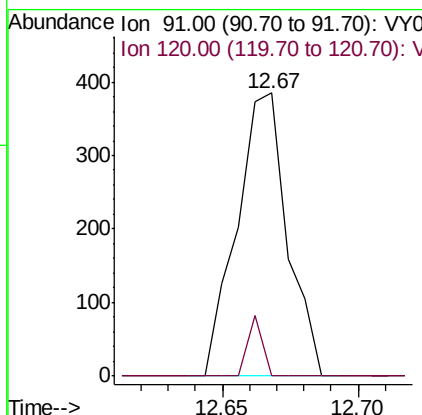
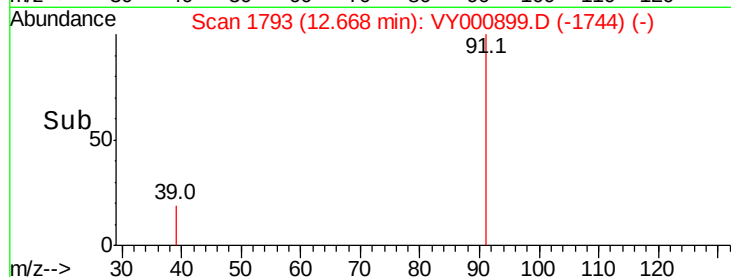
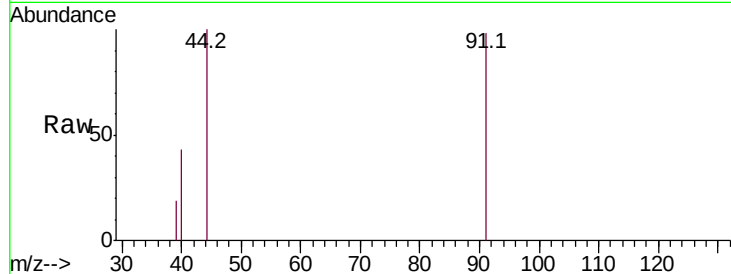




#78
 n-propylbenzene
 Concen: 1.085 ug/l
 RT: 12.67 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VY000899.D
 Acq: 06 Dec 2019 14:18

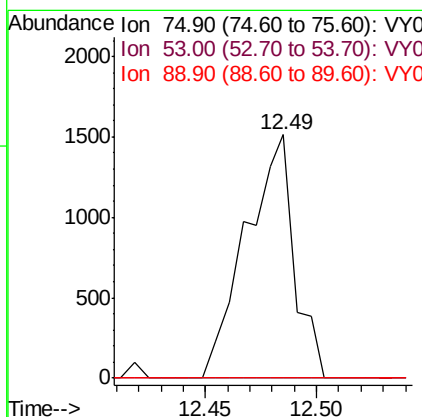
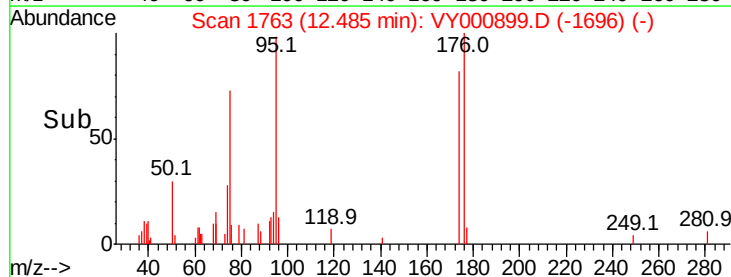
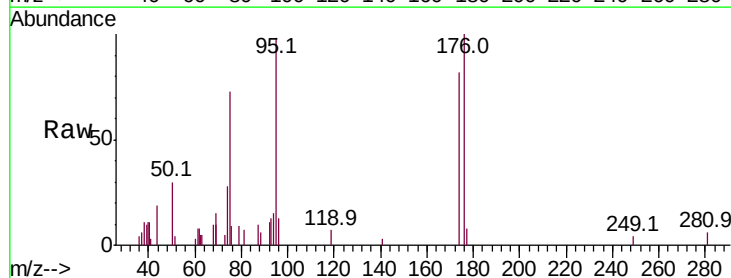
Instrument :
 MSVOA_Y
 ClientSampleId :

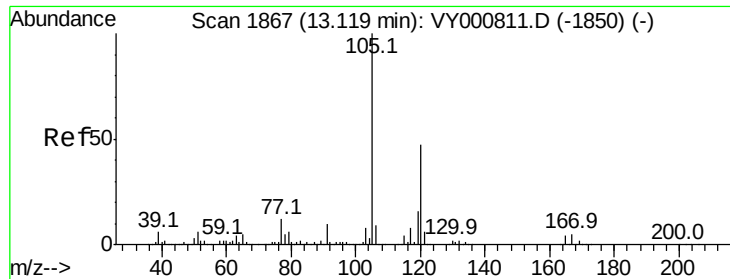
Tot Ion: 91 Resp: 493
 Ion Ratio Lower Upper
 91 100
 120 6.1 11.2 33.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.775 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.11 min
 Lab File: VY000899.D
 Acq: 06 Dec 2019 14:18

Tgt Ion: 75 Resp: 2285
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.6 96.8#
 89 0.0 33.6 50.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.282 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

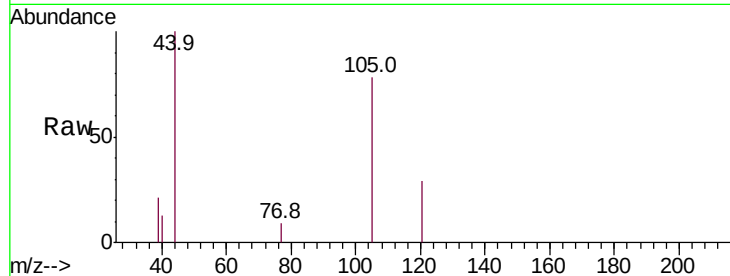
ClientSampleId :

Tot Ion:105 Resp: 395

Ion Ratio Lower Upper

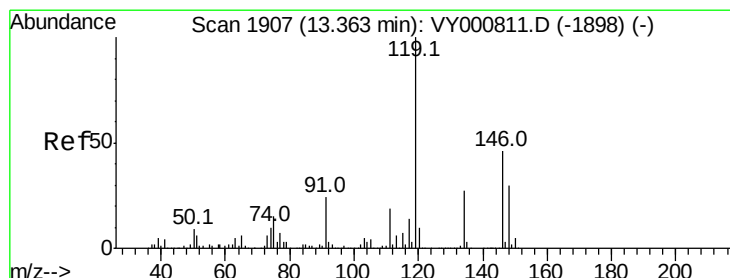
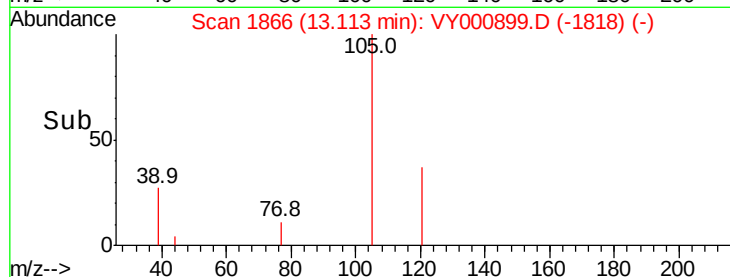
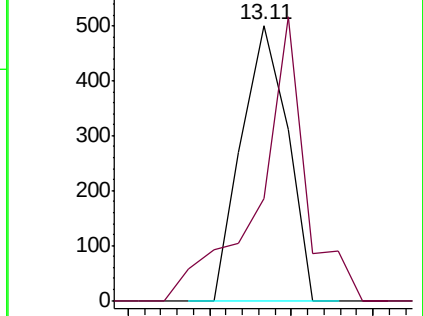
105 100

120 104.8 22.6 67.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: 2.421 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.08 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

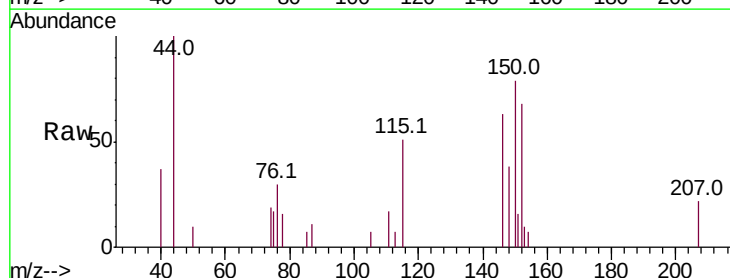
Tgt Ion:146 Resp: 383

Ion Ratio Lower Upper

146 100

111 53.3 20.0 60.0

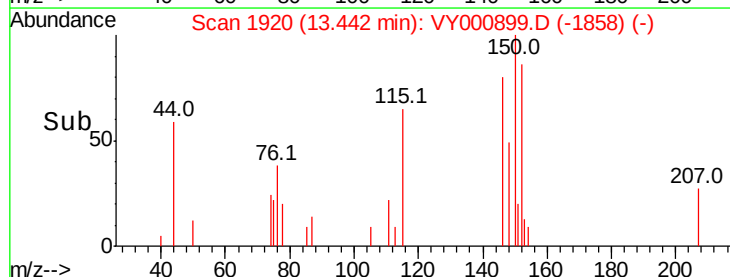
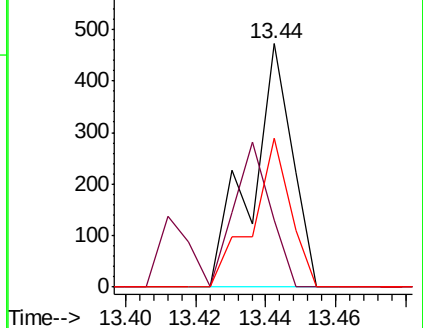
148 56.7 32.1 96.5

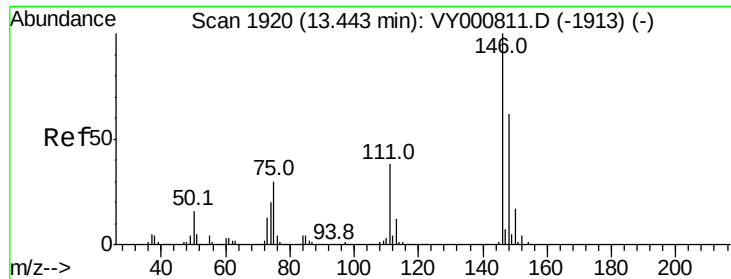


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.445 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

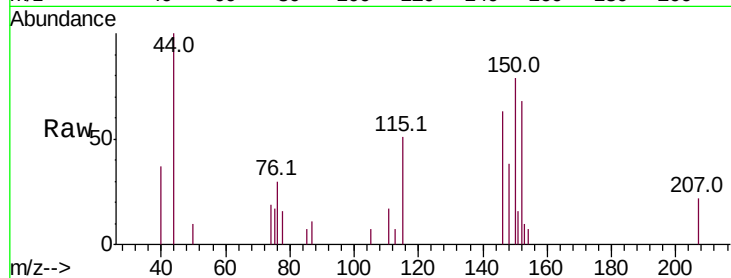
Tot Ion:146 Resp: 383

Ion Ratio Lower Upper

146 100

111 53.3 20.0 59.9

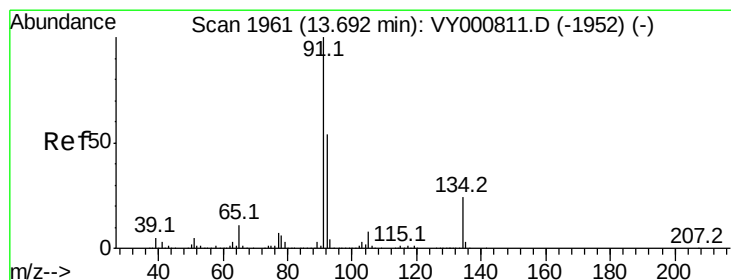
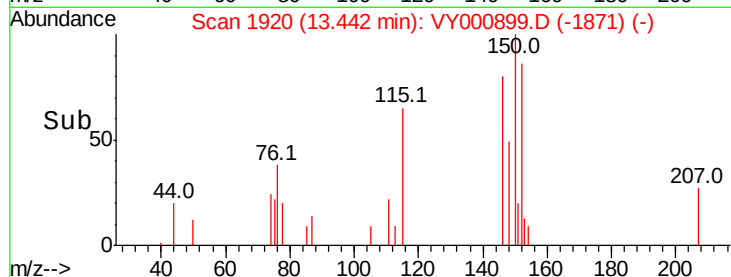
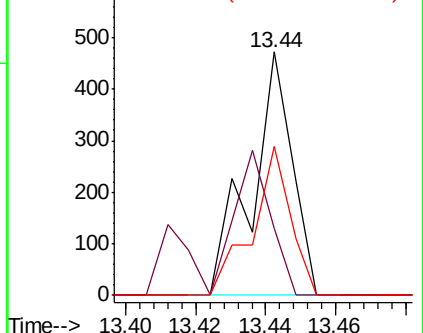
148 56.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.787 ug/l

RT: 13.69 min Scan# 1960

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

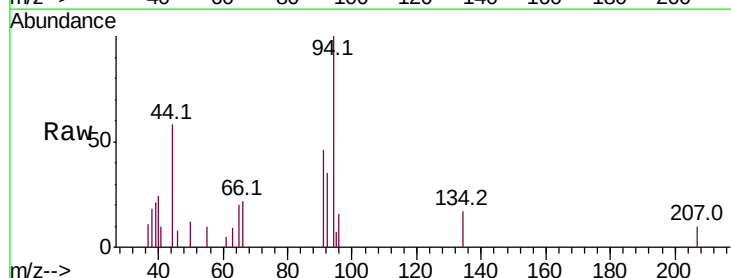
Tgt Ion: 91 Resp: 592

Ion Ratio Lower Upper

91 100

92 49.7 26.9 80.7

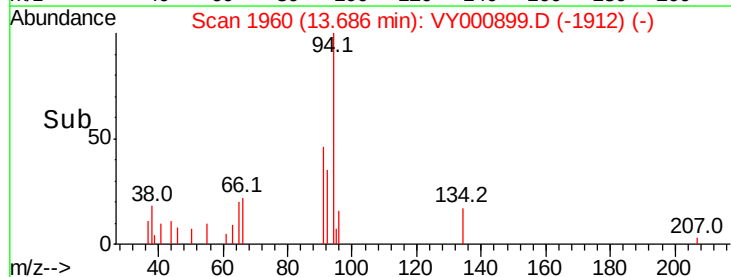
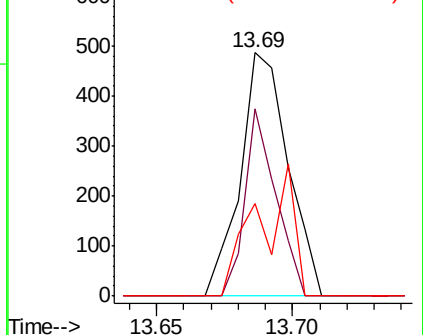
134 40.5 12.6 37.6#

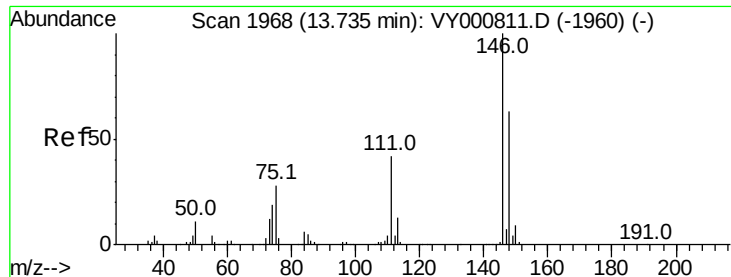


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 1.363 ug/l

RT: 13.73 min Scan# 1967

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

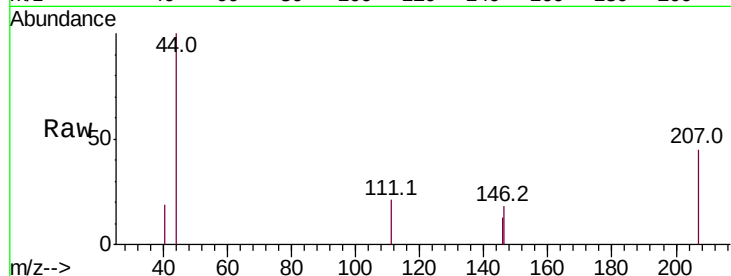
Tot Ion:146 Resp: 194

Ion Ratio Lower Upper

146 100

111 69.6 20.9 62.7#

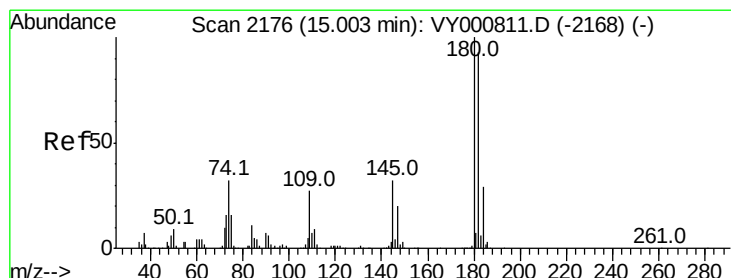
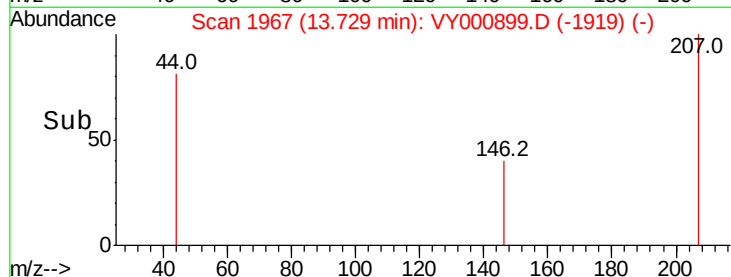
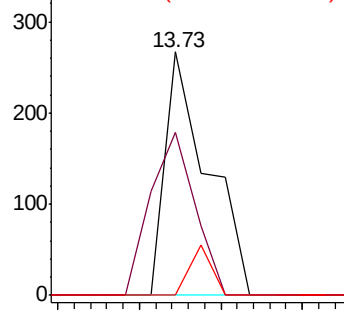
148 10.3 32.1 96.3#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.372 ug/l

RT: 15.00 min Scan# 2175

Delta R.T. -0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

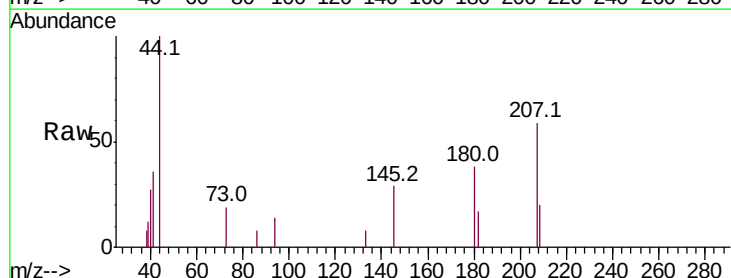
Tgt Ion:180 Resp: 421

Ion Ratio Lower Upper

180 100

182 64.8 47.3 141.9

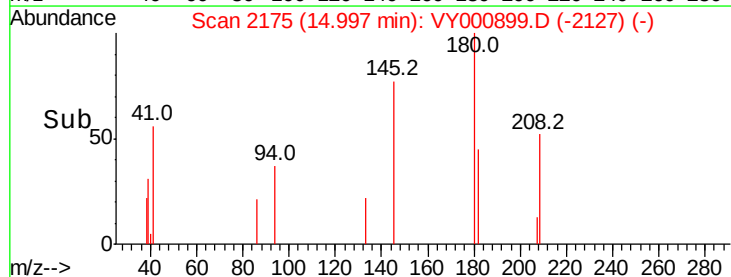
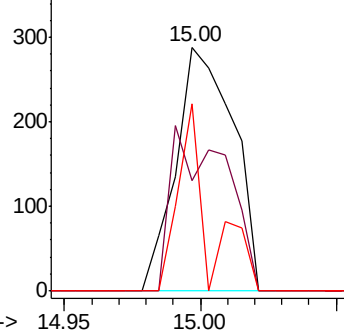
145 41.6 16.0 47.9

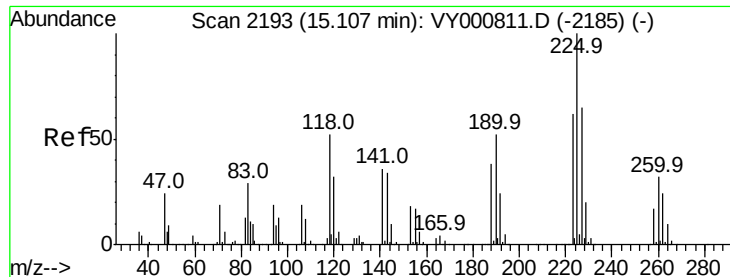


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 1.089 ug/l

RT: 15.12 min Scan# 2196

Delta R.T. 0.02 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampled :

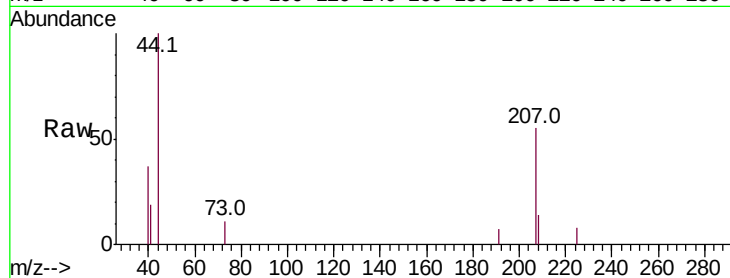
Tot Ion:225 Resp: 52

Ion Ratio Lower Upper

225 100

223 101.9 31.4 94.3#

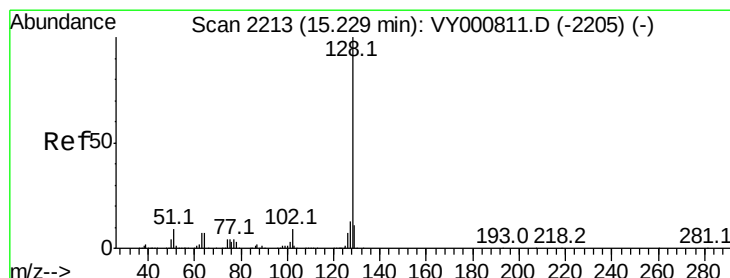
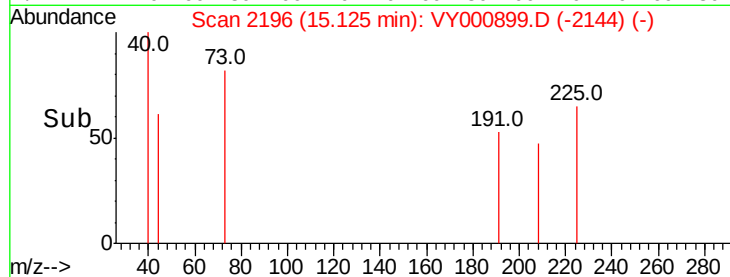
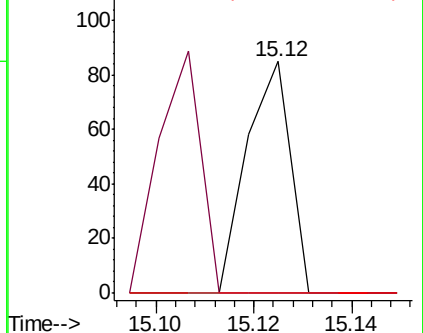
227 0.0 31.8 95.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.897 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000899.D

Acq: 06 Dec 2019 14:18

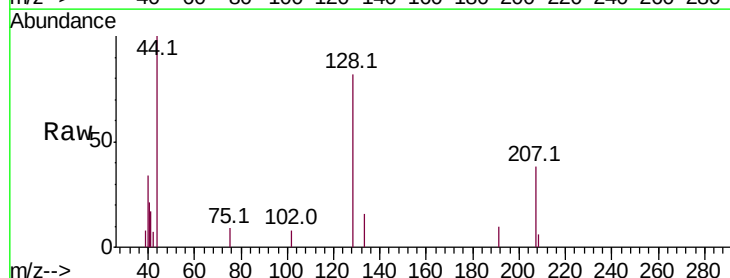
Tgt Ion:128 Resp: 1095

Ion Ratio Lower Upper

128 100

127 5.6 10.1 15.1#

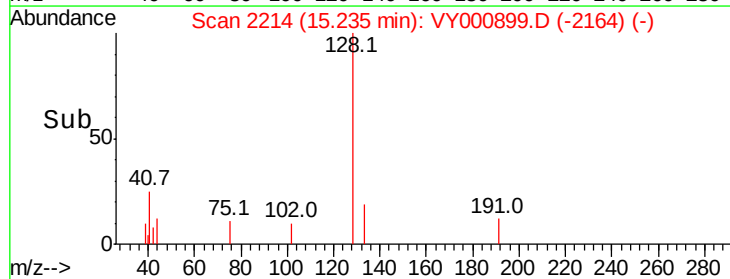
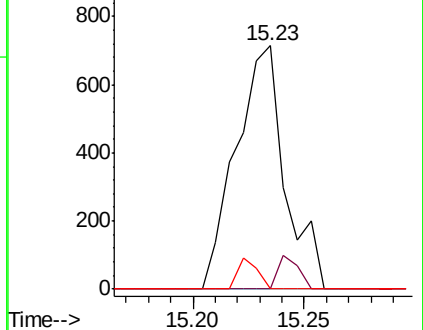
129 5.2 8.8 13.2#

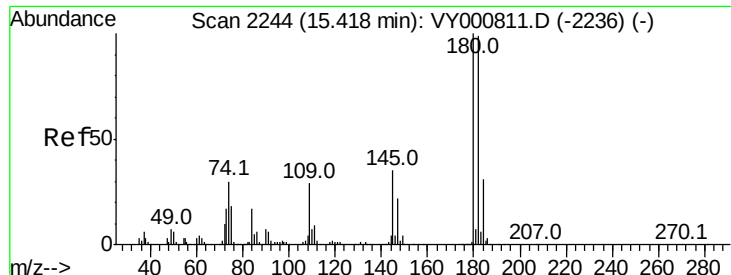


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.243 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VY000899.D
 Acq: 06 Dec 2019 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	46.6	48.0	144.0#
145	15.6	16.9	50.6#

