

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000521.D
 Acq On : 01 Nov 2019 12:50
 Operator : SY/MD
 Sample : K5615-05RE
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:33:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	3974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	8001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	6553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	2378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	2824	68.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.34%	
35) Dibromofluoromethane	7.72	113	981	20.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.78%	
50) Toluene-d8	10.18	98	8506	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.47	95	2622	38.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.28%	

Target Compounds

						Qvalue
3) Chloromethane	2.12	50	654	12.136	ug/l #	83
4) Vinyl Chloride	2.24	62	67	1.339	ug/l #	43
5) Bromomethane	2.68	94	83	2.766	ug/l	81
10) Methyl Iodide	4.10	142	100	4.940	ug/l #	75
11) Tert butyl alcohol	4.96	59	60	14.988	ug/l #	72
13) Acrolein	3.87	56	51	14.625	ug/l #	14
16) Acetone	3.97	43	550	48.523	ug/l #	42
20) Methylene Chloride	4.72	84	192	3.953	ug/l #	50
21) trans-1,2-Dichloroethene	5.23	96	50	1.114	ug/l #	1
25) 2-Butanone	6.99	43	54	2.985	ug/l #	49
28) Bromochloromethane	7.58	49	20	4.622	ug/l #	14
29) Tetrahydrofuran	7.36	42	19	1.717	ug/l #	35
36) 1,1-Dichloropropene	7.79	75	257	3.398	ug/l #	41
37) Ethyl Acetate	7.02	43	87	1.937	ug/l #	70
38) Carbon Tetrachloride	7.80	117	436	5.991	ug/l #	11
51) 4-Methyl-2-Pentanone	10.07	43	395	8.807	ug/l #	69
59) 2-Hexanone	10.83	43	589	18.025	ug/l	72
64) Tetrachloroethene	10.71	164	74	1.366	ug/l #	1
67) Ethyl Benzene	11.59	91	325	1.329	ug/l #	43
68) m/p-Xylenes	11.69	106	177	1.870	ug/l #	1
69) o-Xylene	12.03	106	166	1.866	ug/l	37
70) Styrene	12.04	104	167	1.096	ug/l #	56
73) Isopropylbenzene	12.33	105	489	2.782	ug/l #	48
76) 1,2,3-Trichloropropane	12.47	75	1493	55.140	ug/l #	100
78) n-propylbenzene	12.67	91	347	1.636	ug/l #	53
79) 2-Chlorotoluene	12.76	91	288	2.446	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.81	105	297	2.029	ug/l #	63
81) trans-1,4-Dichloro-2-buten	12.47	75	1493	123.630	ug/l #	14
82) 4-Chlorotoluene	12.85	91	374	3.065	ug/l #	60
83) tert-Butylbenzene	13.08	119	195	1.560	ug/l #	37
84) 1,2,4-Trimethylbenzene	13.13	105	474	3.252	ug/l #	36
85) sec-Butylbenzene	13.24	105	334	1.876	ug/l #	56
86) p-Isopropyltoluene	13.36	119	644	4.058	ug/l	83
87) 1,3-Dichlorobenzene	13.36	146	252	3.228	ug/l #	58

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

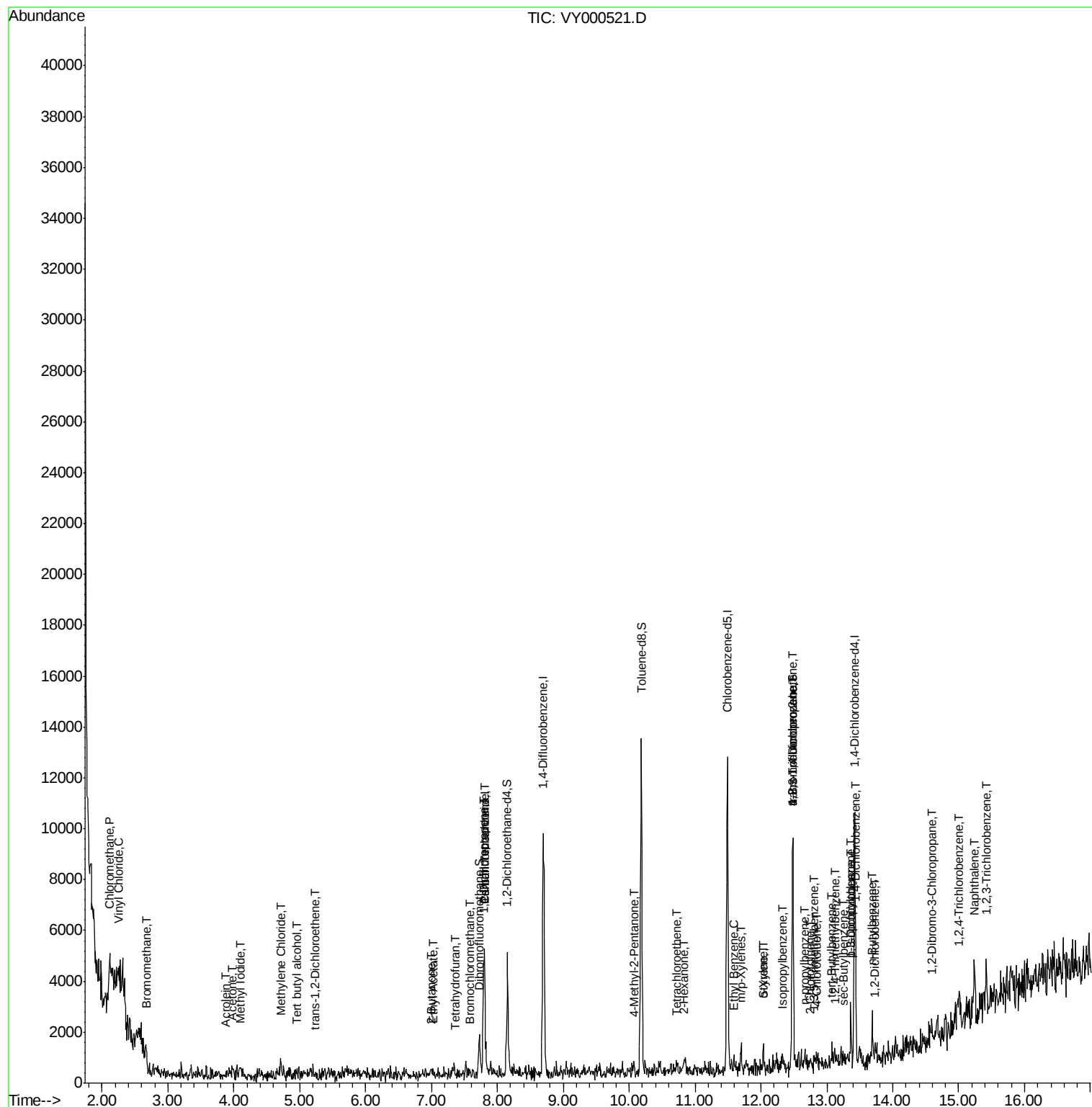
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.44	146	212	2.718	ug/l #	35
89) n-Butylbenzene	13.69	91	571	3.648	ug/l	82
91) 1,2-Dichlorobenzene	13.72	146	203	2.866	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.58	75	19	3.085	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	180	528	10.948	ug/l #	37
95) Naphthalene	15.23	128	1134	10.592	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.42	180	408	9.430	ug/l #	75

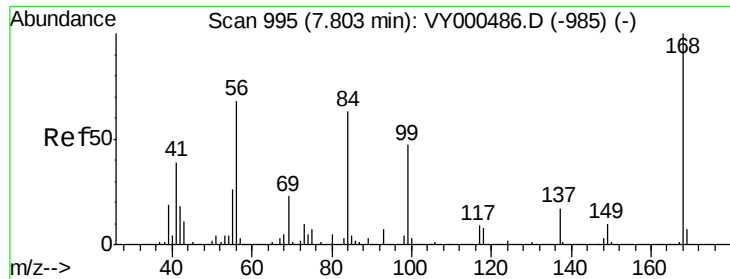
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

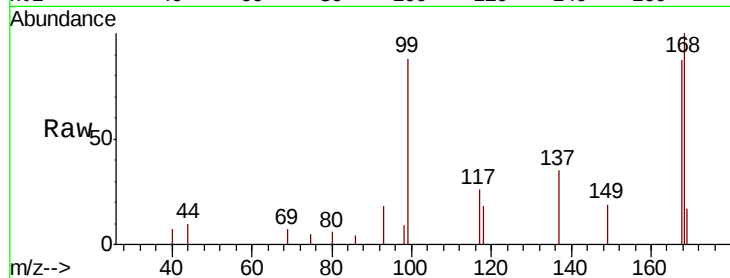
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 3974

Ion Ratio Lower Upper

168 100

99 47.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

2500

2000

1500

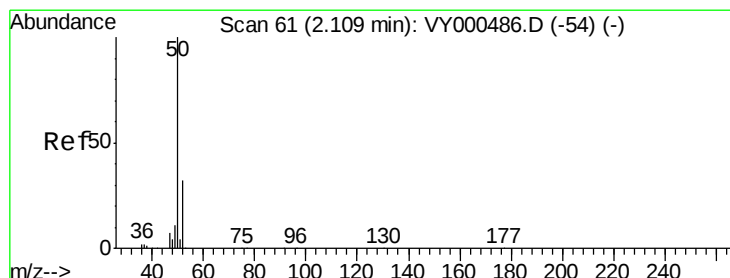
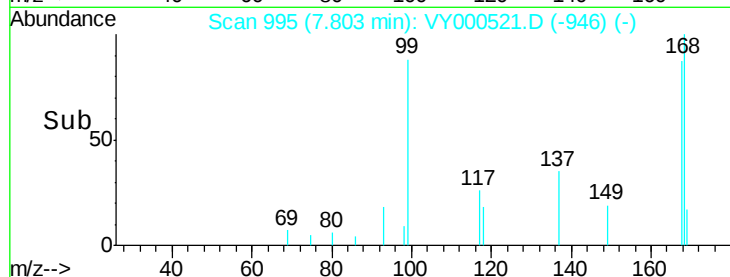
1000

500

0

7.75 7.80 7.85

Time-->



#3

Chloromethane

Concen: 12.136 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY000521.D

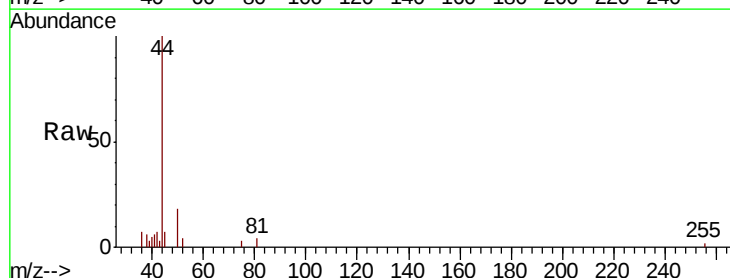
Acq: 01 Nov 2019 12:50

Tgt Ion: 50 Resp: 654

Ion Ratio Lower Upper

50 100

52 22.3 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)

Ion 51.90 (51.60 to 52.60): VY000486.D (-54) (-)

2.12

600

500

400

300

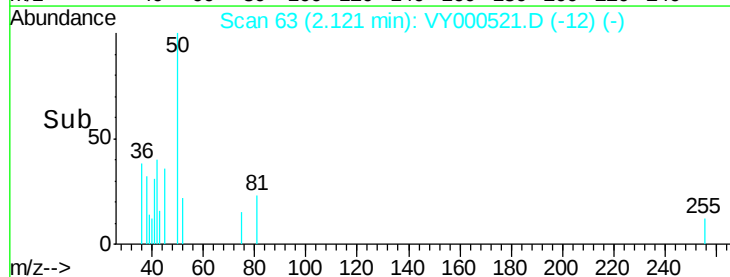
200

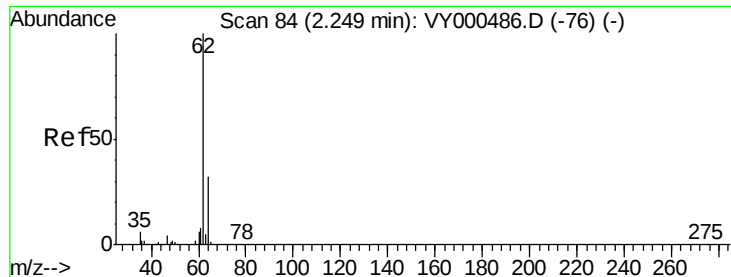
100

0

2.10 2.15

Time-->





#4

Vinyl Chloride

Concen: 1.339 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

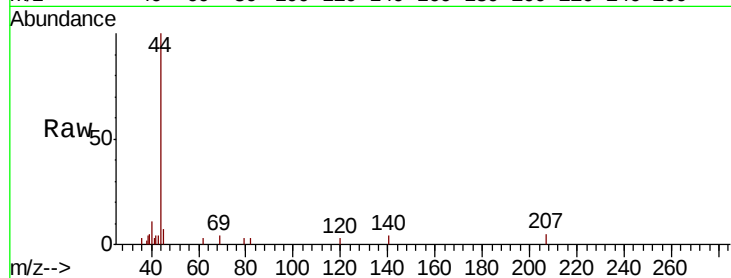
ClientSampled :

Tot Ion: 62 Resp: 67

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.24

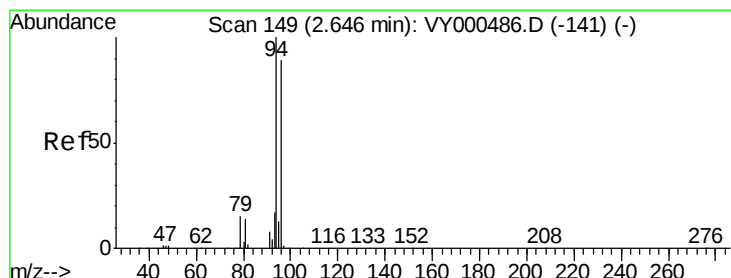
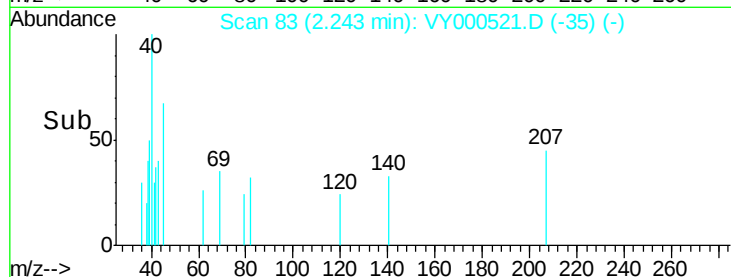
60

40

20

0

Time-->



#5

Bromomethane

Concen: 2.766 ug/l

RT: 2.68 min Scan# 155

Delta R.T. 0.04 min

Lab File: VY000521.D

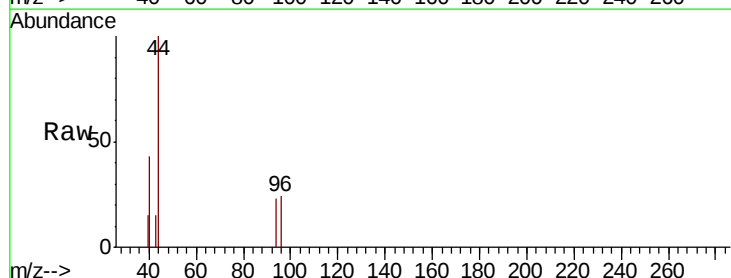
Acq: 01 Nov 2019 12:50

Tgt Ion: 94 Resp: 83

Ion Ratio Lower Upper

94 100

96 106.5 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

200

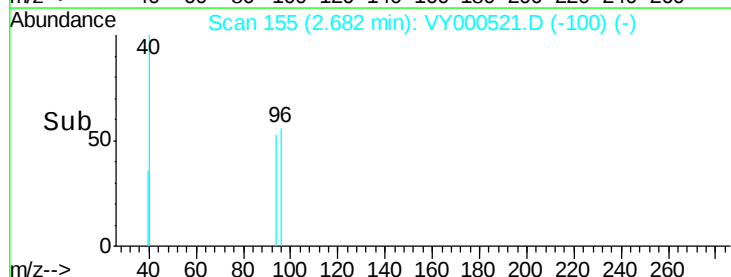
150

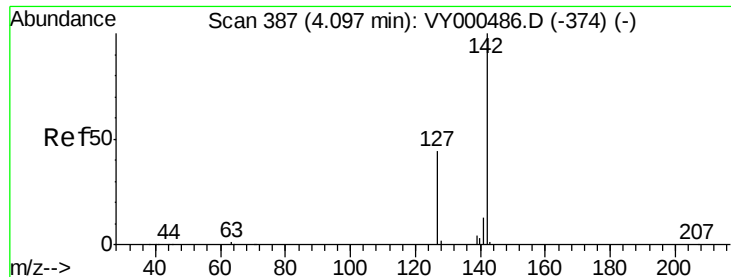
100

50

0

Time-->





#10

Methvl Iodide

Concen: 4.940 ug/l

RT: 4.10 min Scan# 388

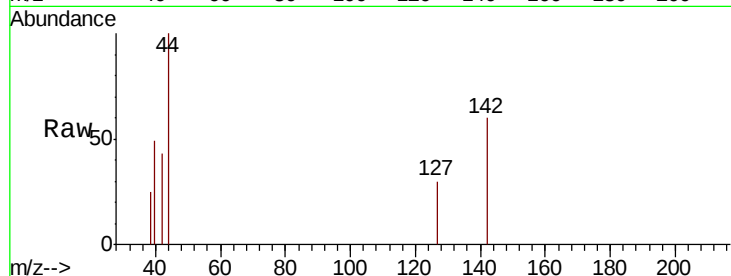
Delta R.T. 0.01 min

Lab File: VY000521.D

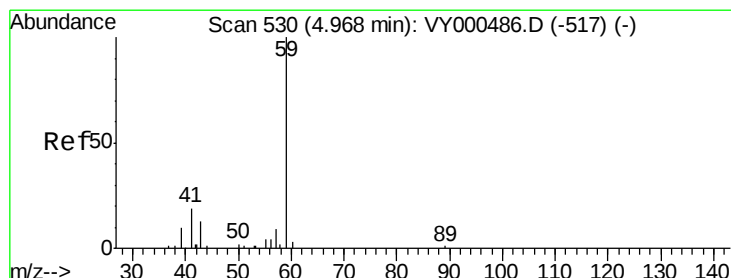
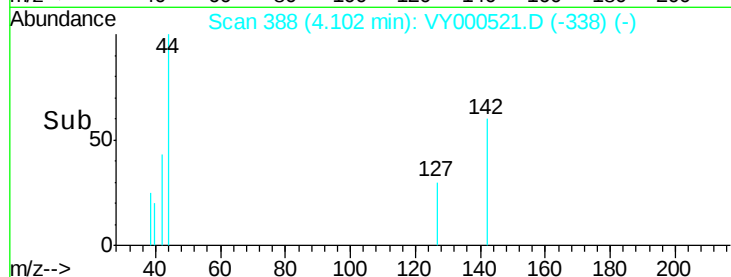
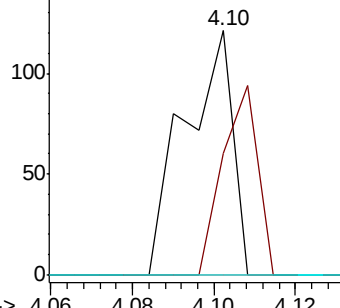
Acq: 01 Nov 2019 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 56.0 33.7 50.5#
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



#11

Tert butyl alcohol

Concen: 14.988 ug/l

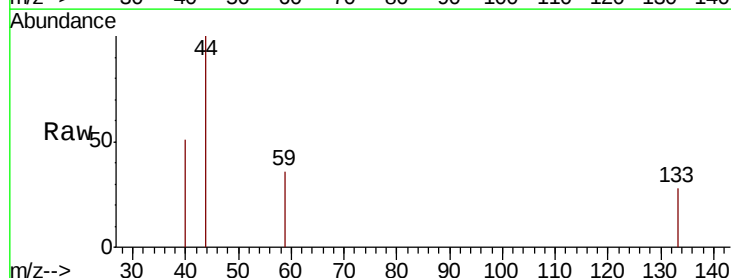
RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

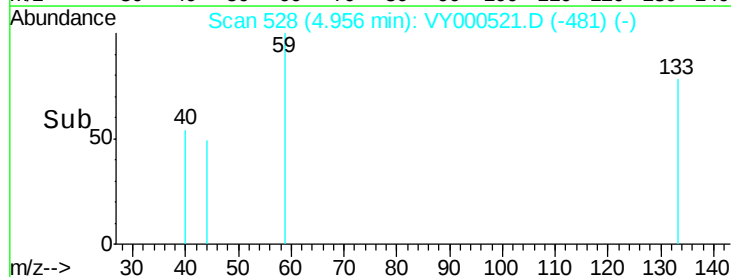
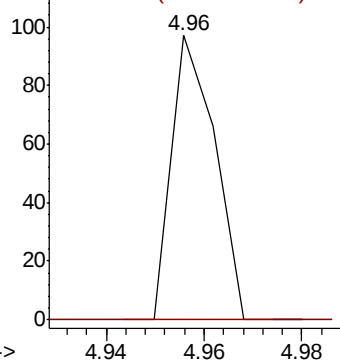
Lab File: VY000521.D

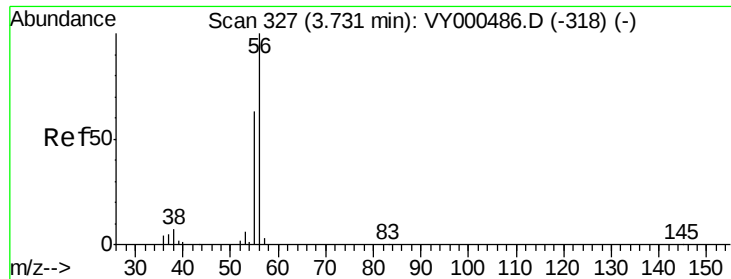
Acq: 01 Nov 2019 12:50

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0





#13

Acrolein

Concen: 14.625 ug/l

RT: 3.87 min Scan# 350

Delta R.T. 0.14 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

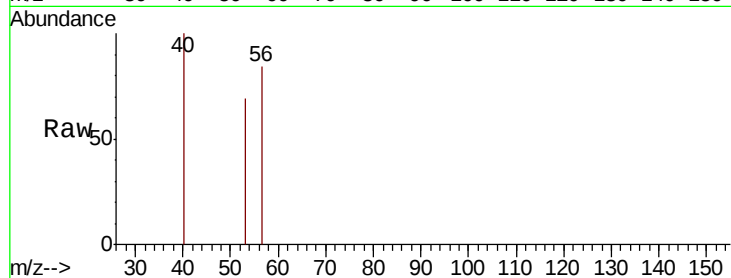
ClientSampleId :

Tot Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.6#

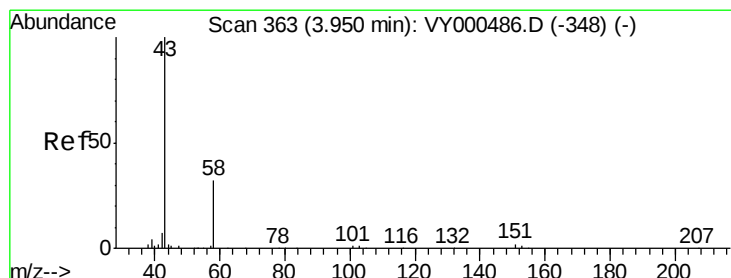
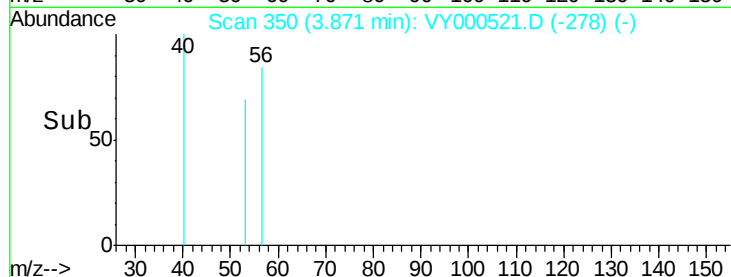


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.87

Time-->



#16

Acetone

Concen: 48.523 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000521.D

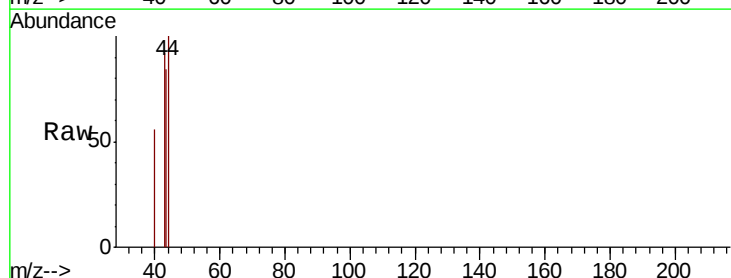
Acq: 01 Nov 2019 12:50

Tgt Ion: 43 Resp: 550

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#

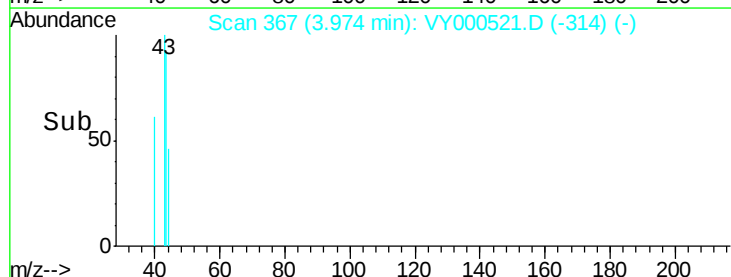


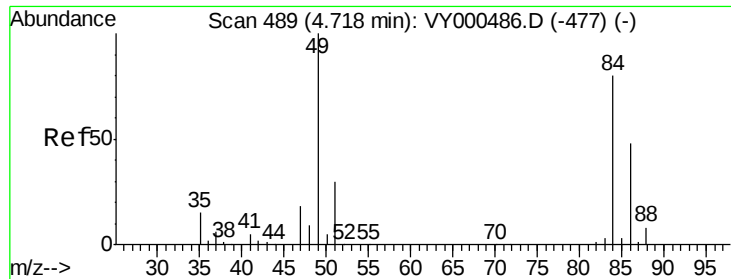
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

Time-->

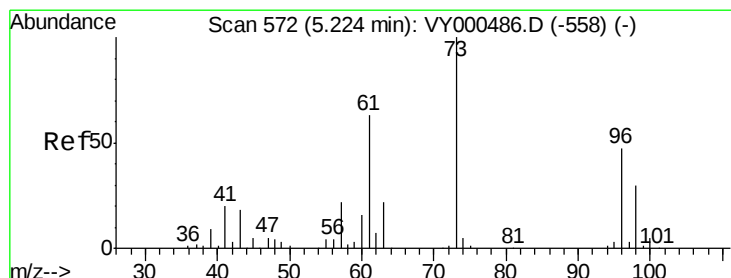
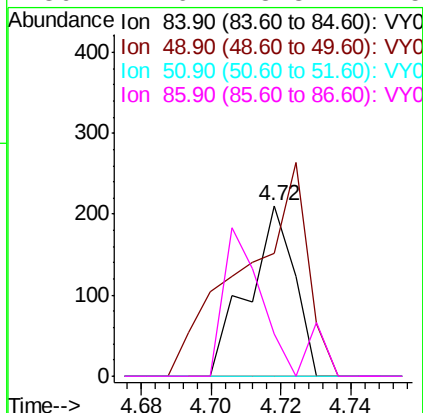
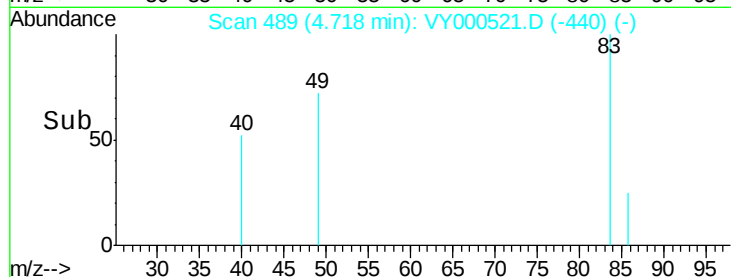
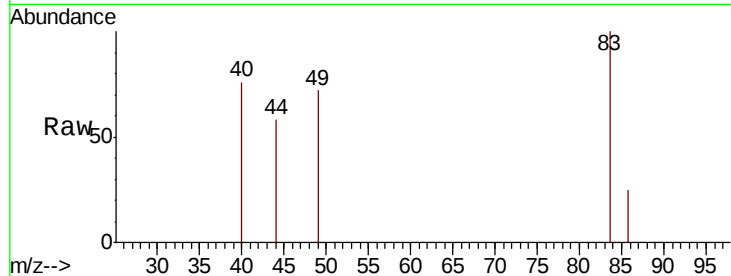




#20
Methvlene Chloride
Concen: 3.953 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

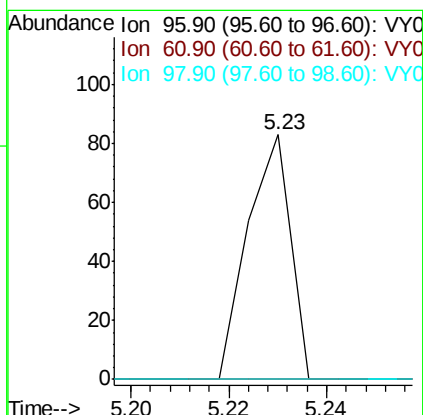
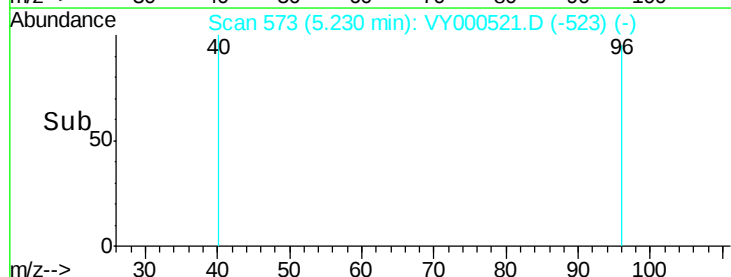
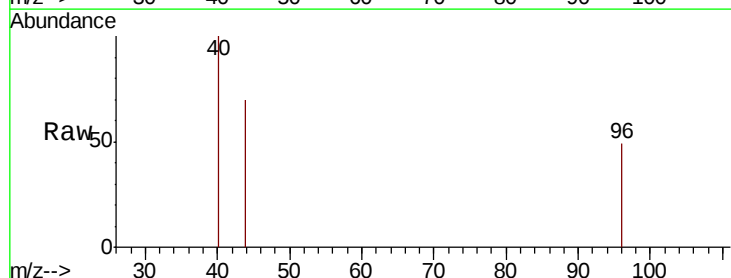
Instrument :
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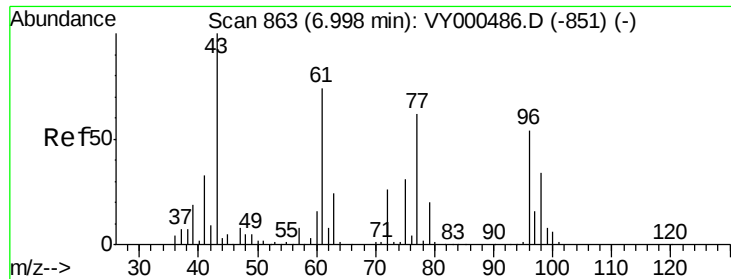
Tot Ion: 84 Resp: 192
Ion Ratio Lower Upper
84 100
49 71.6 100.2 150.4#
51 0.0 29.6 44.4#
86 24.6 48.3 72.5#



#21
trans-1,2-Dichloroethene
Concen: 1.114 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion: 96 Resp: 50
Ion Ratio Lower Upper
96 100
61 0.0 106.6 160.0#
98 0.0 50.6 76.0#

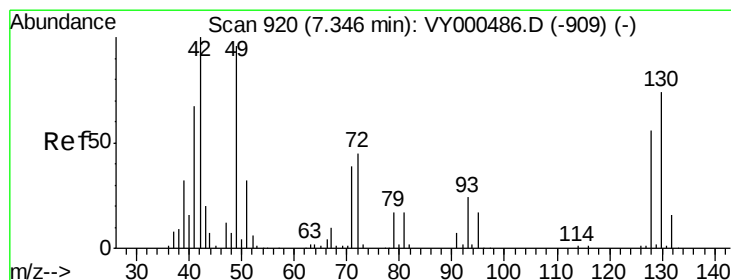
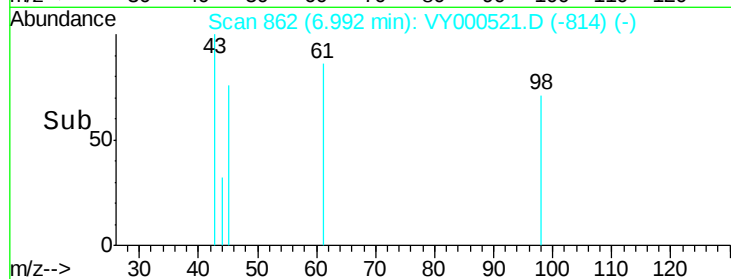
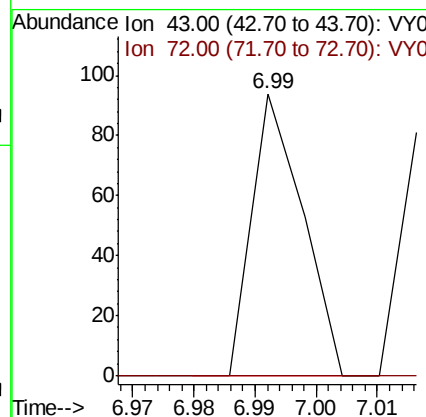
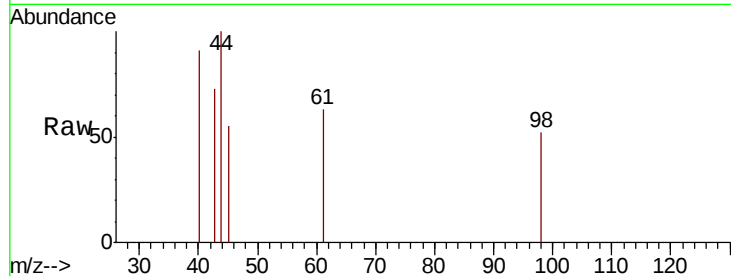




#25
2-Butanone
Concen: 2.985 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

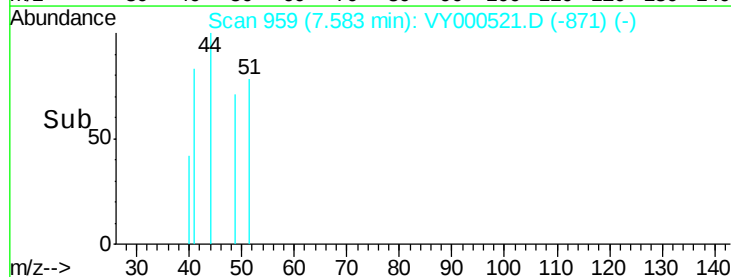
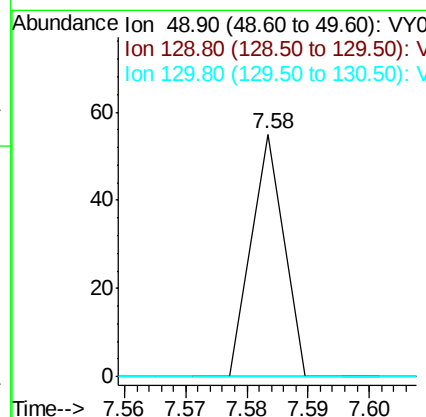
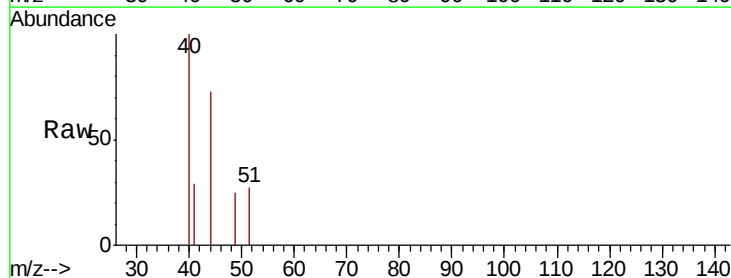
Instrument :
MSVOA_Y
ClientSampled :

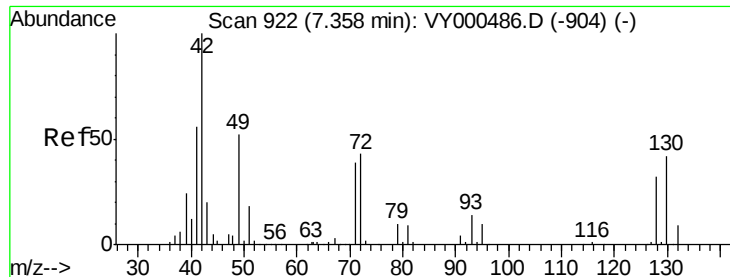
Tot Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#28
Bromochloromethane
Concen: 4.622 ug/l
RT: 7.58 min Scan# 959
Delta R.T. 0.24 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

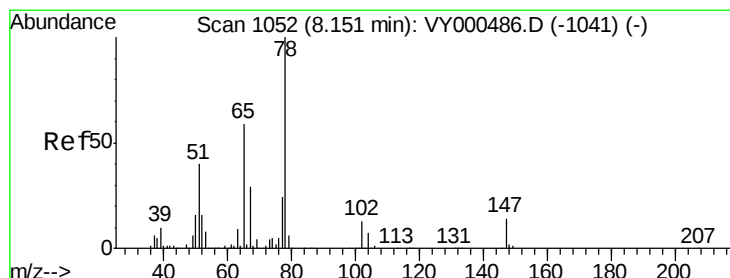
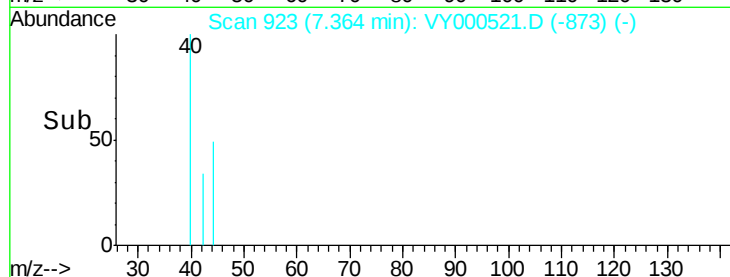
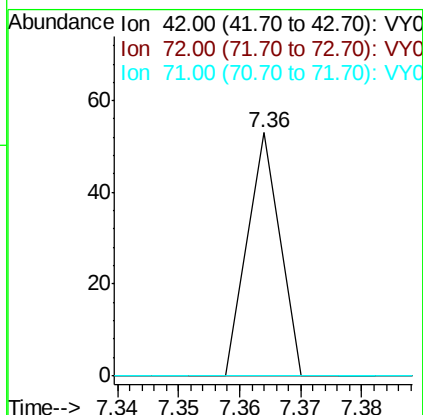
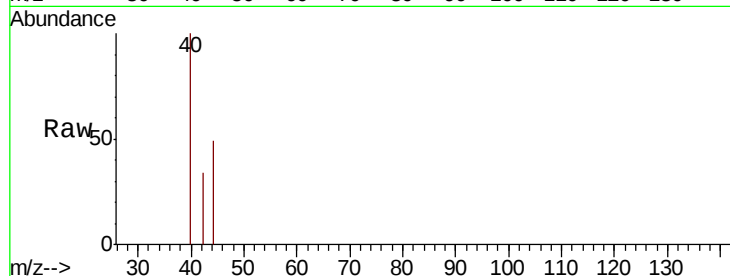




#29
Tetrahydrofuran
Concen: 1.717 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

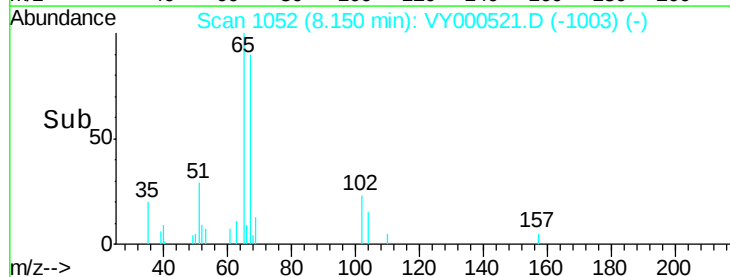
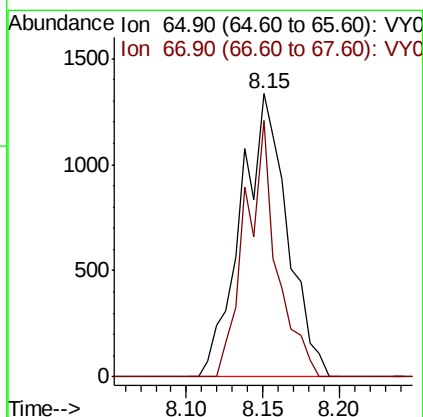
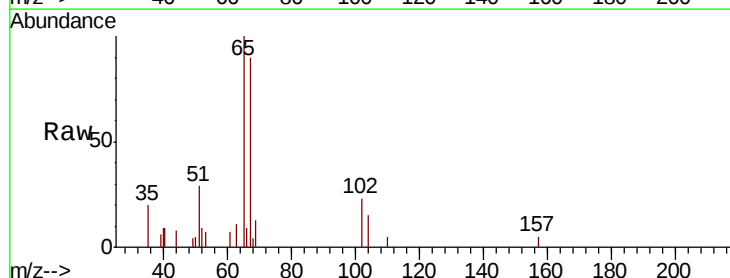
Instrument :
MSVOA_Y
ClientSampleId :

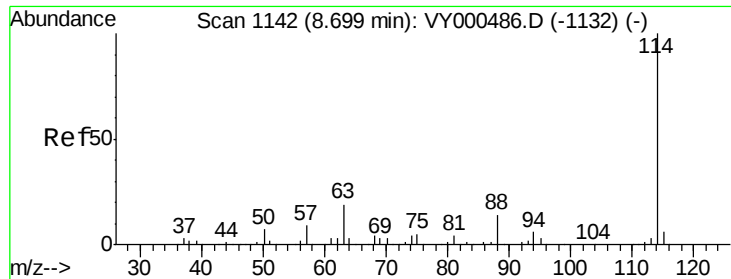
Tot Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 30.8 46.2#



#33
1,2-Dichloroethane-d4
Concen: 68.668 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion: 65 Resp: 2824
Ion Ratio Lower Upper
65 100
67 61.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :
MSVOA_Y
ClientSampled :

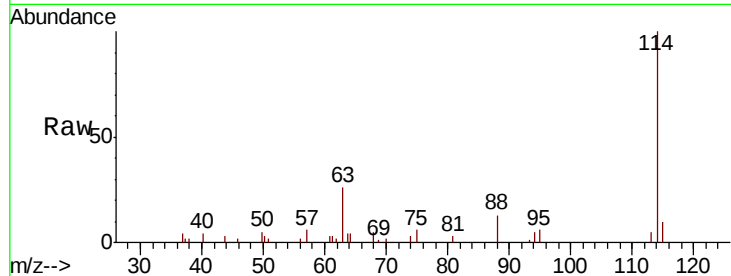
Tot Ion:114 Resp: 8001

Ion Ratio Lower Upper

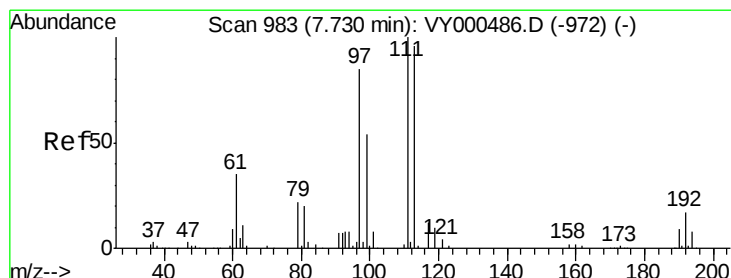
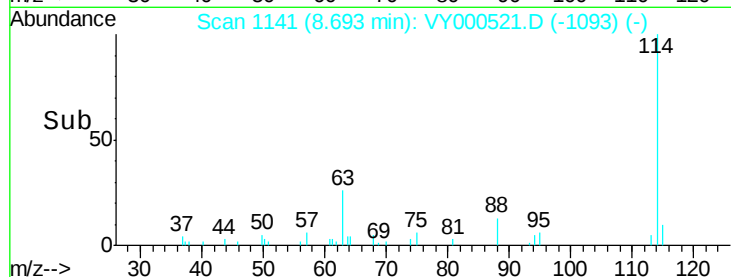
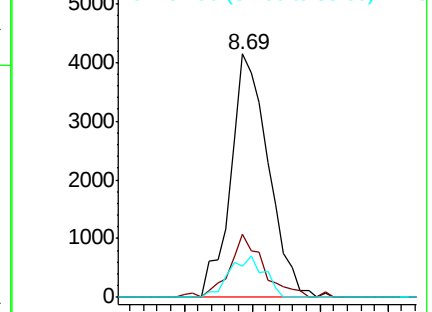
114 100

63 25.7 0.0 38.0

88 12.6 0.0 28.6



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: 20.885 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

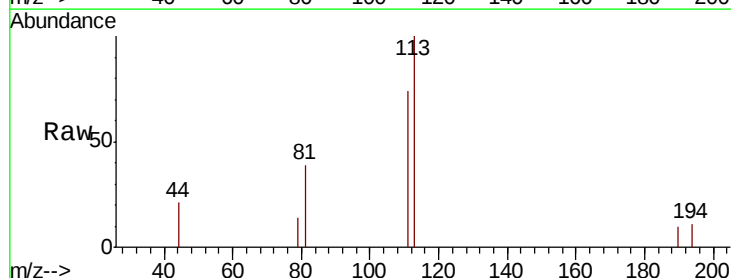
Tgt Ion:113 Resp: 981

Ion Ratio Lower Upper

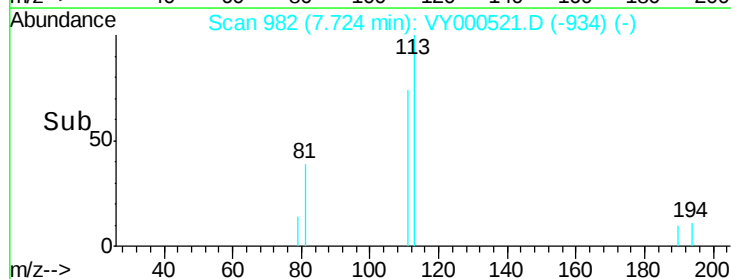
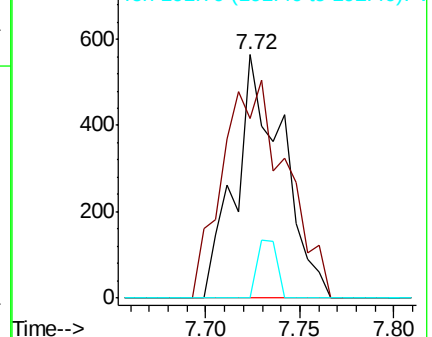
113 100

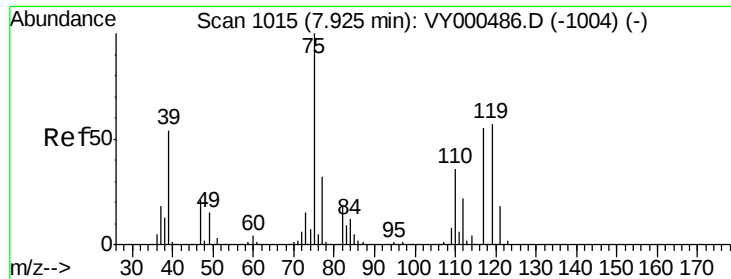
111 120.2 81.7 122.5

192 9.9 15.0 22.4#



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: 3.398 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampled :

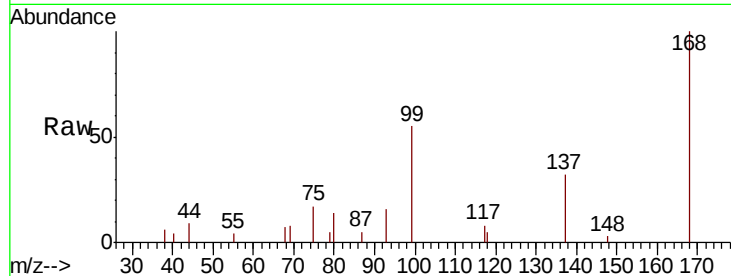
Tot Ion: 75 Resp: 257

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

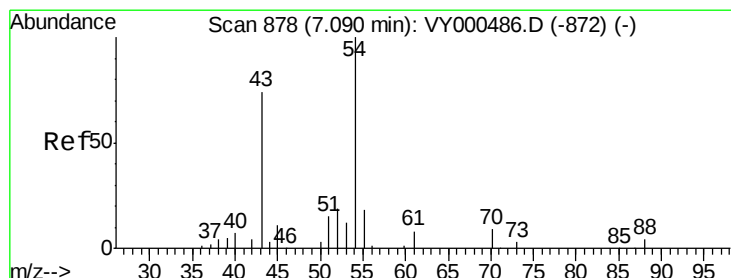
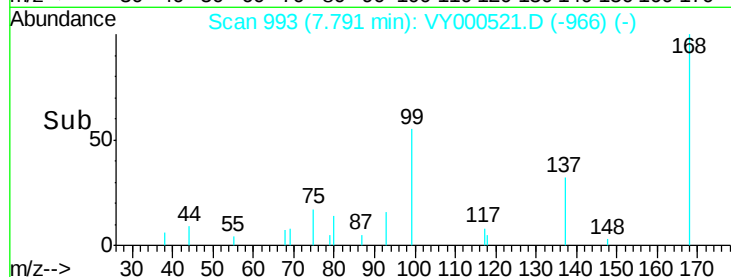
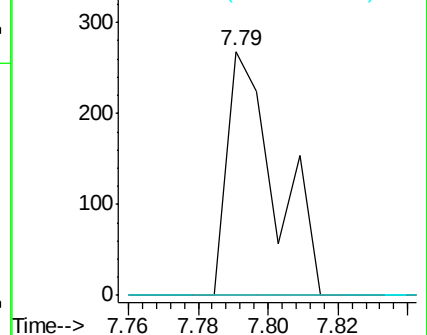
77 0.0 25.0 37.6#



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: 1.937 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.07 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

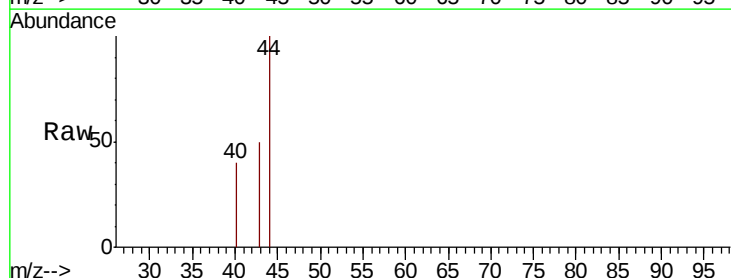
Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

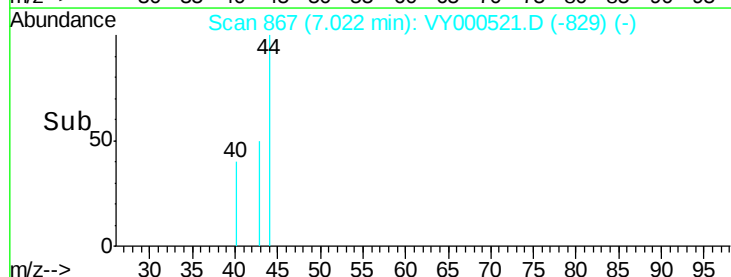
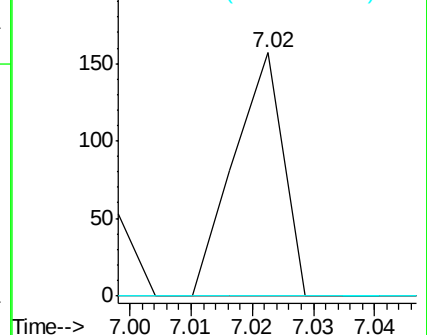
70 0.0 7.8 11.8#

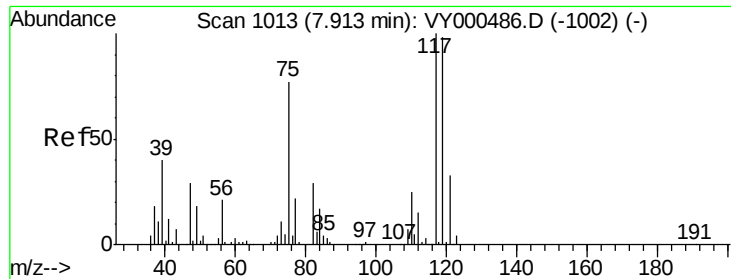


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0

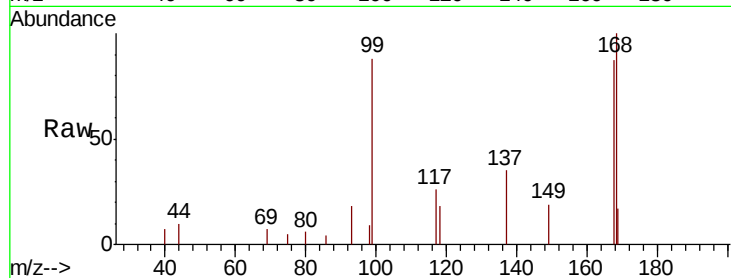




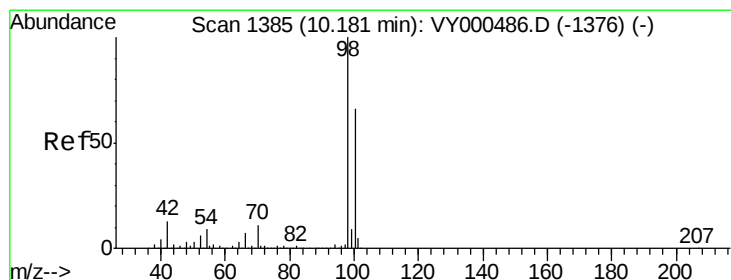
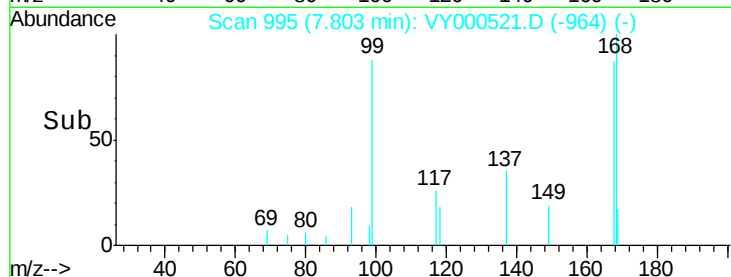
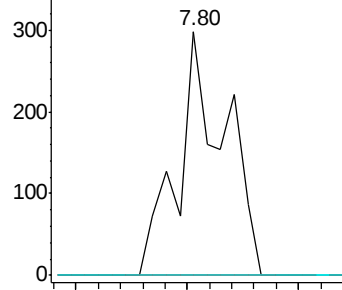
#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 436
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 26.6 40.0#

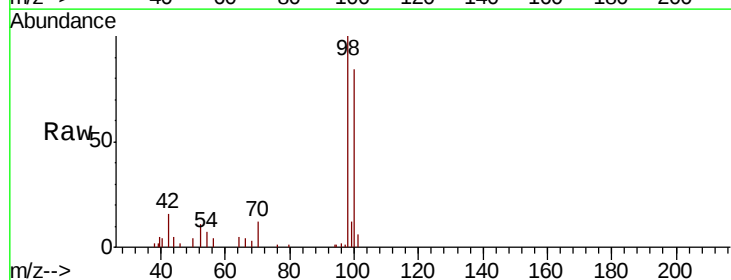


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

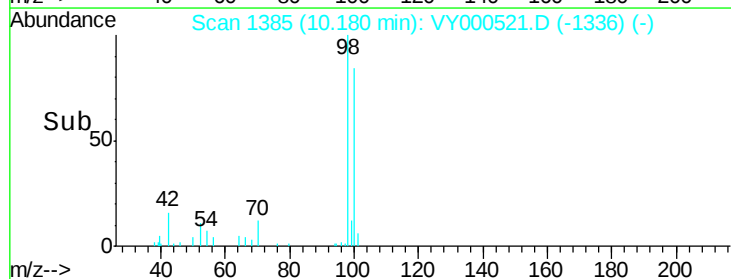
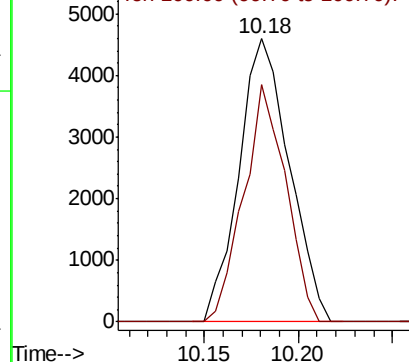


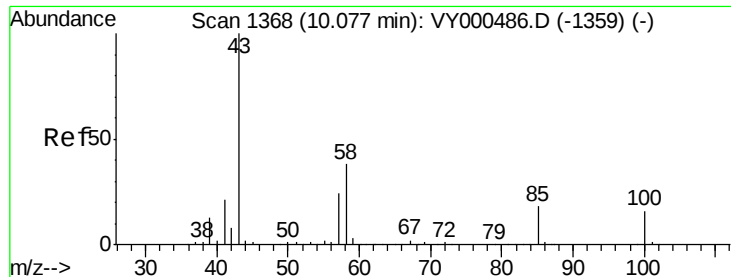
#50
Toluene-d8
Concen: 47.725 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion: 98 Resp: 8506
Ion Ratio Lower Upper
98 100
100 70.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 8.807 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

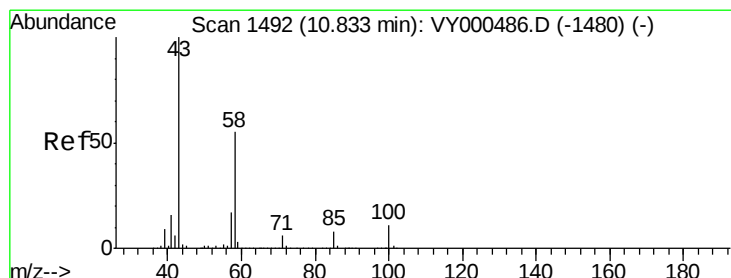
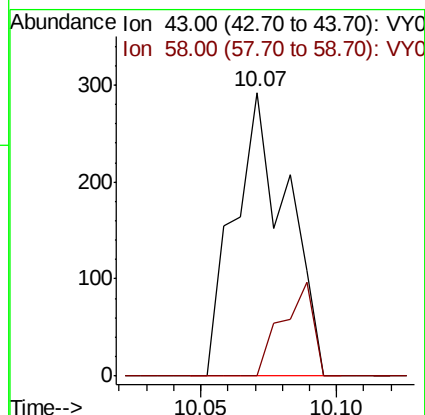
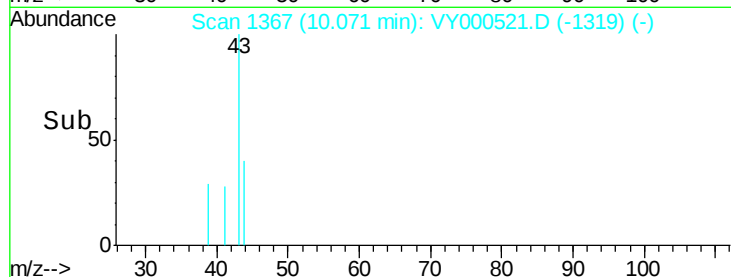
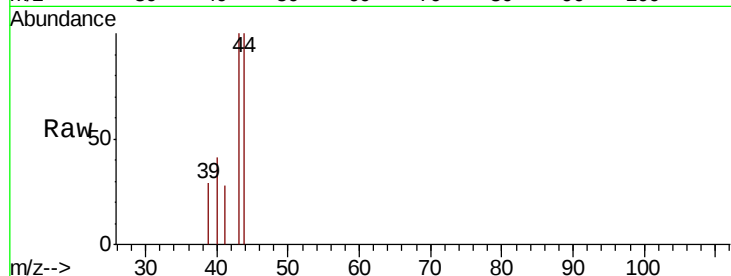
ClientSampleId :

Tot Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 19.2 30.2 45.4#



#59

2-Hexanone

Concen: 18.025 ug/l

RT: 10.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VY000521.D

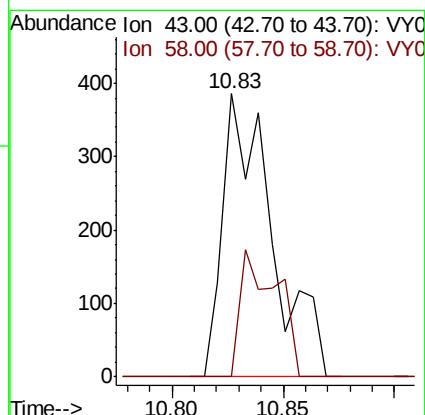
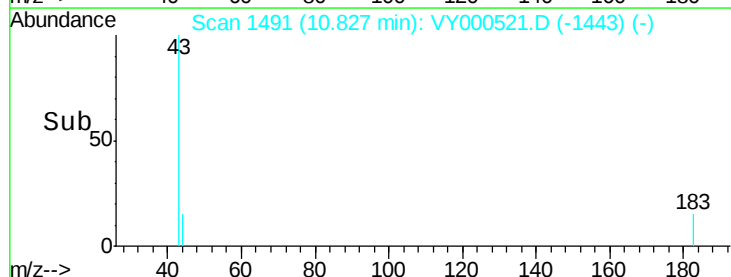
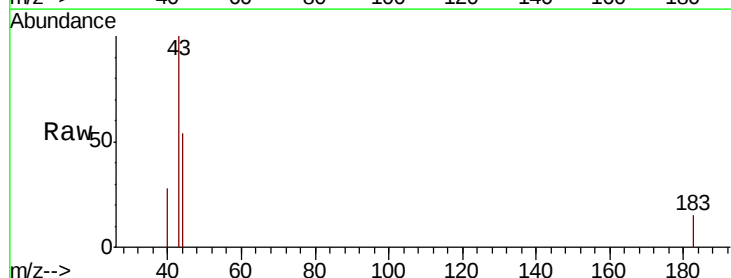
Acq: 01 Nov 2019 12:50

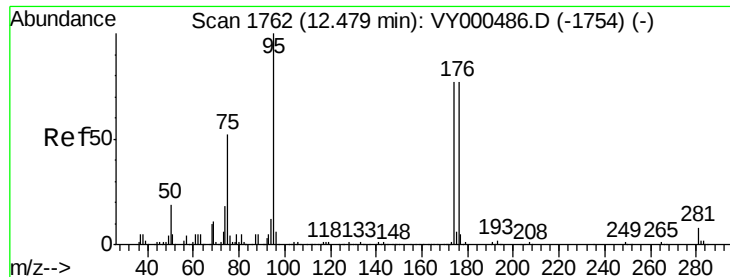
Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

58 33.8 27.1 81.3





#62

4-Bromofluorobenzene

Concen: 38.643 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampleId :

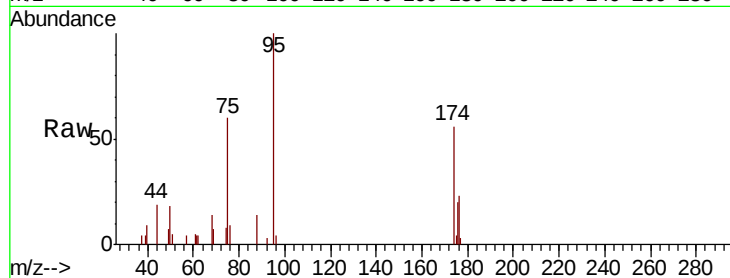
Tot Ion: 95 Resp: 2622

Ion Ratio Lower Upper

95 100

174 79.4 0.0 161.6

176 79.7 0.0 157.8

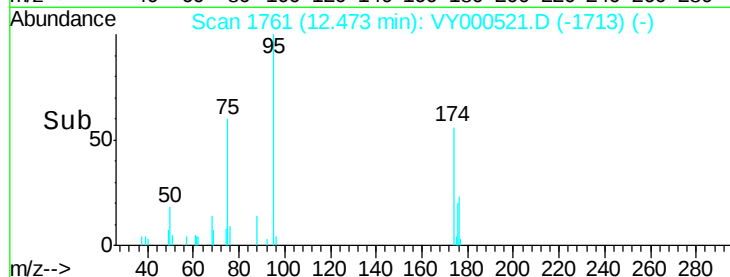


Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)

Time-->

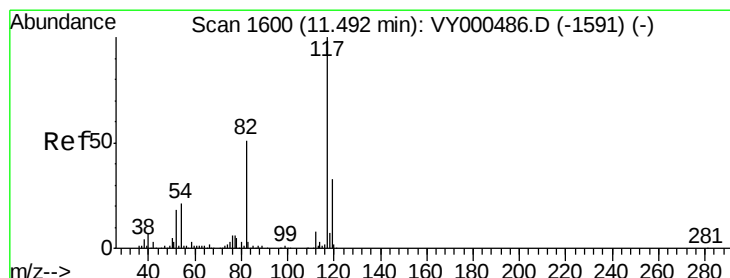


Abundance Ion 94.90 (94.60 to 95.60): VY000521.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000521.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000521.D (-1713) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

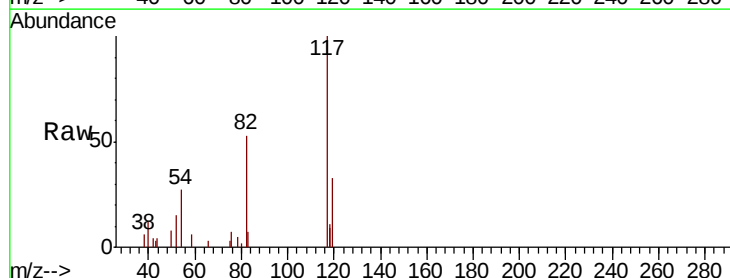
Tgt Ion: 117 Resp: 6553

Ion Ratio Lower Upper

117 100

82 52.9 40.8 61.2

119 33.2 26.2 39.2

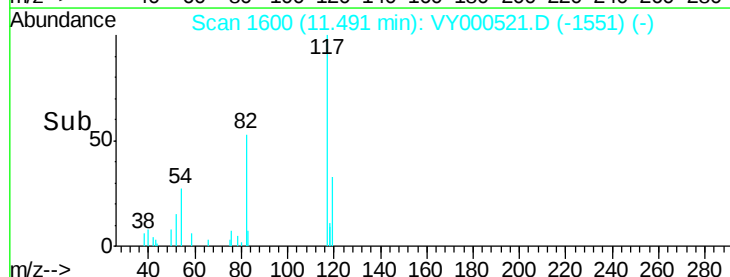


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)

Time-->

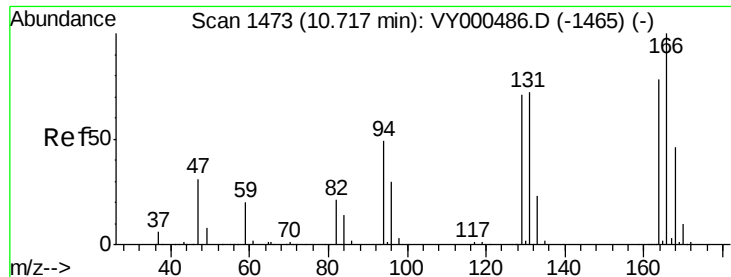


Abundance Ion 116.90 (116.60 to 117.60): VY000521.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000521.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000521.D (-1551) (-)

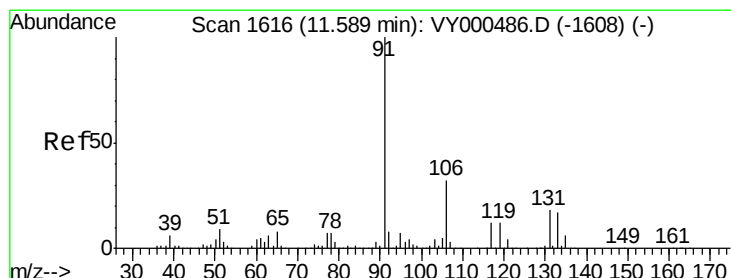
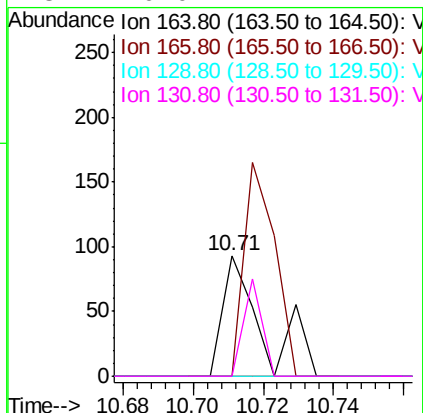
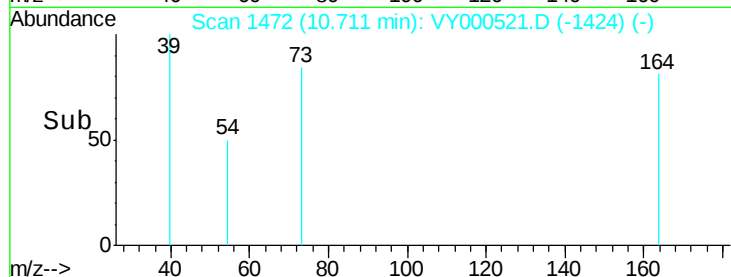
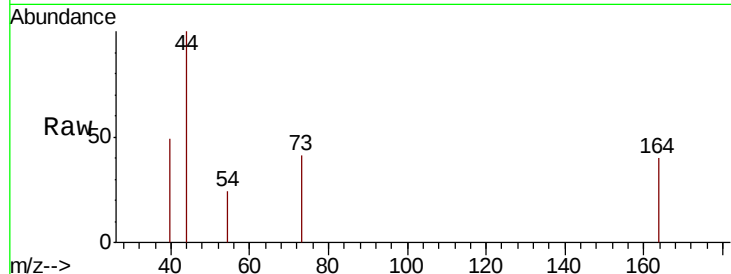
Time-->



#64
Tetrachloroethene
Concen: 1.366 ug/l
RT: 10.71 min Scan# 1472
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

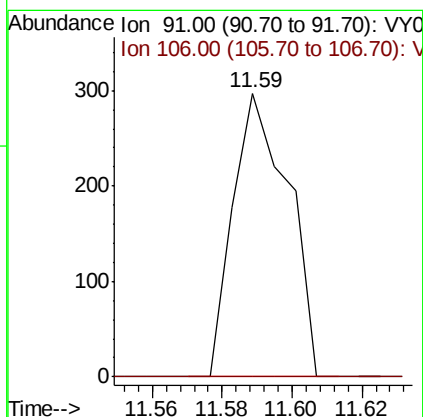
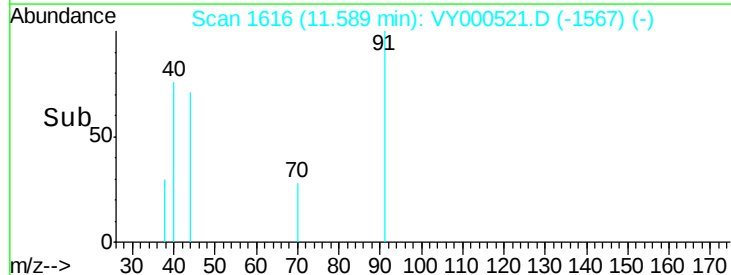
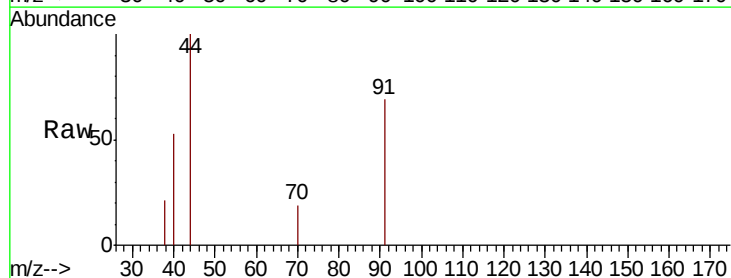
Instrument :
MSVOA_Y
ClientSampleId :

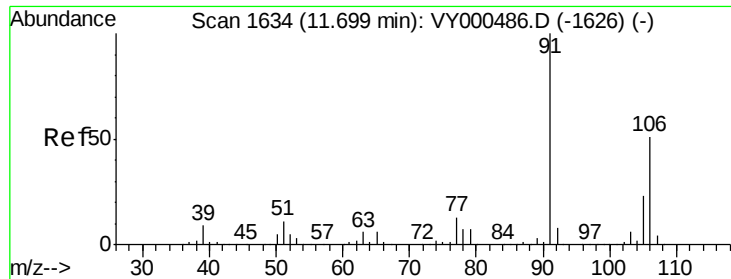
Tot Ion:164 Resp: 74
Ion Ratio Lower Upper
164 100
166 0.0 102.7 154.1#
129 0.0 73.2 109.8#
131 0.0 74.2 111.2#



#67
Ethyl Benzene
Concen: 1.329 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion: 91 Resp: 325
Ion Ratio Lower Upper
91 100
106 0.0 25.4 38.0#

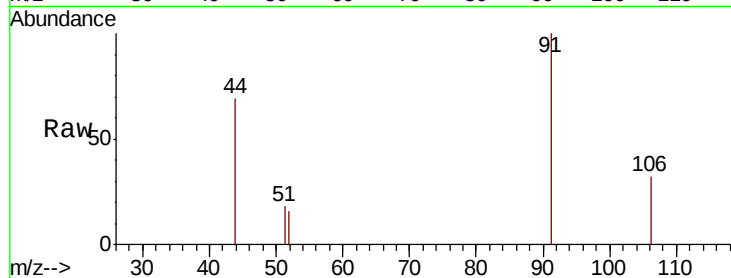




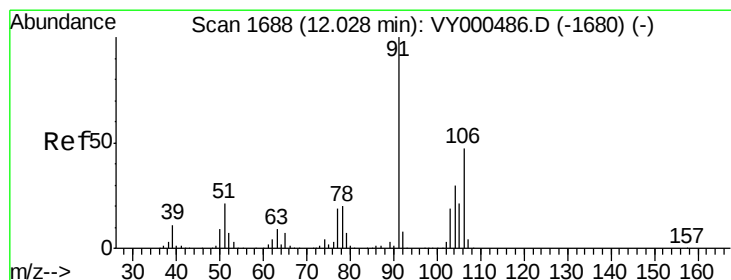
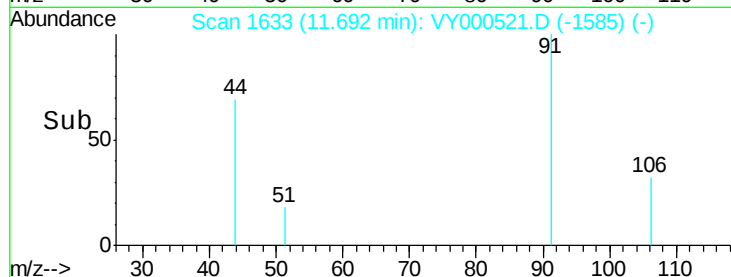
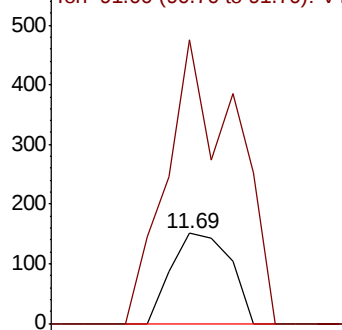
#68
m/p-Xylenes
Concen: 1.870 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 177
Ion Ratio Lower Upper
106 100
91 367.2 155.9 233.9#

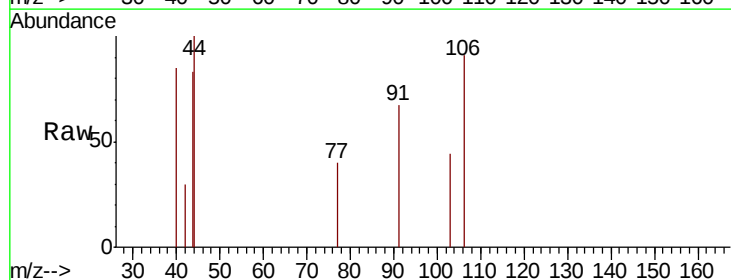


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

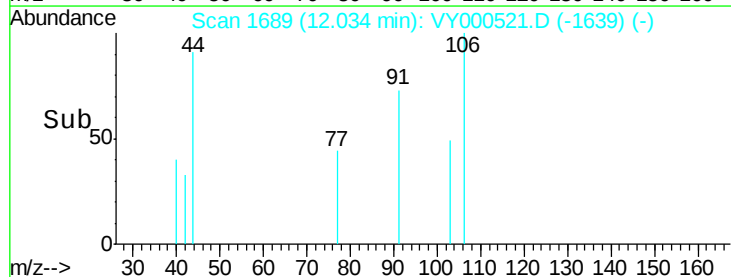
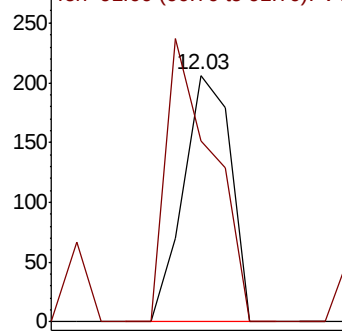


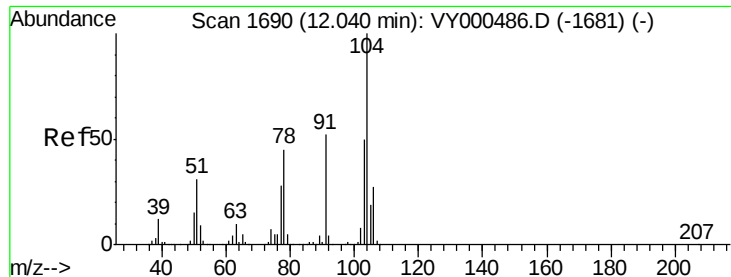
#69
o-Xylene
Concen: 1.866 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion:106 Resp: 166
Ion Ratio Lower Upper
106 100
91 113.9 106.5 319.6



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

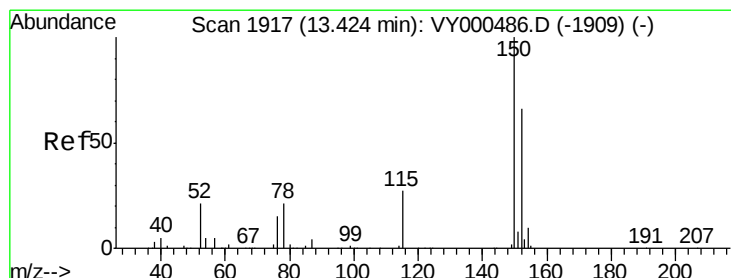
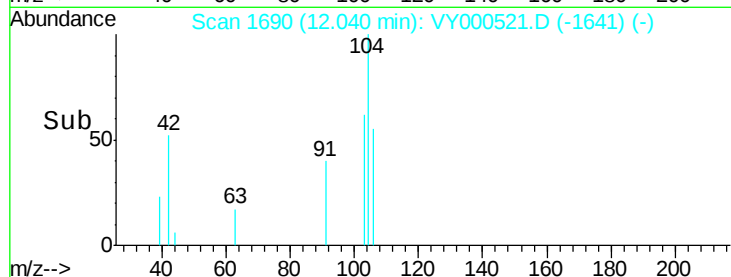
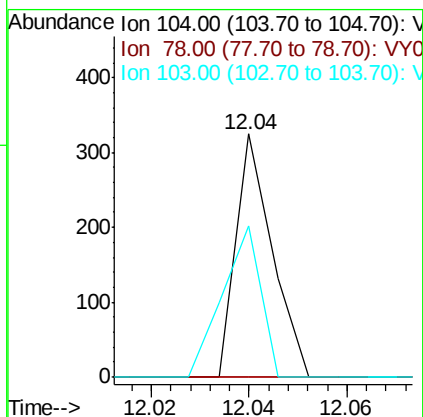
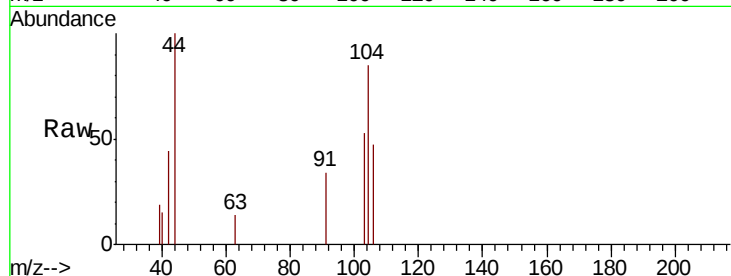




#70
Stvrene
Concen: 1.096 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

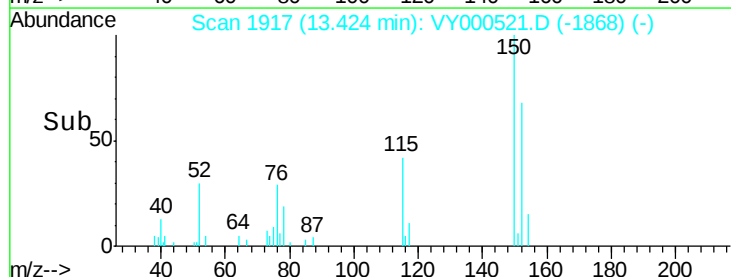
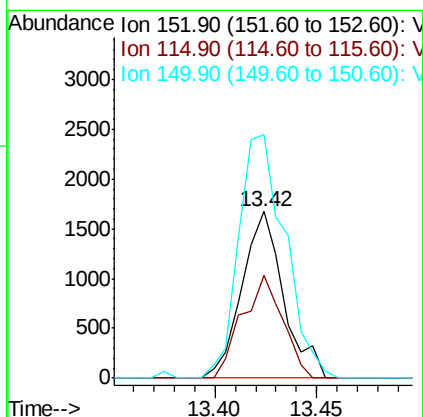
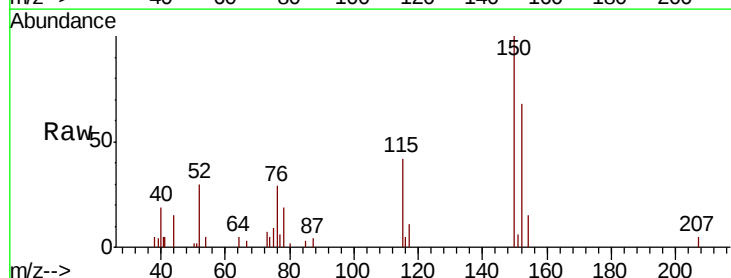
Instrument :
MSVOA_Y
ClientSampleId :

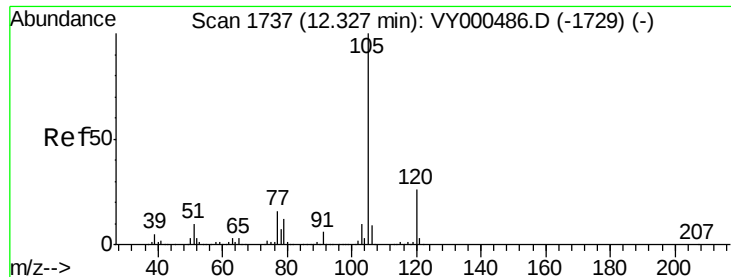
Tot Ion:104 Resp: 167
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 65.9 42.5 63.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Tgt Ion:152 Resp: 2378
Ion Ratio Lower Upper
152 100
115 59.8 29.1 87.4
150 162.0 0.0 348.8





#73

Isopropylbenzene

Concen: 2.782 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

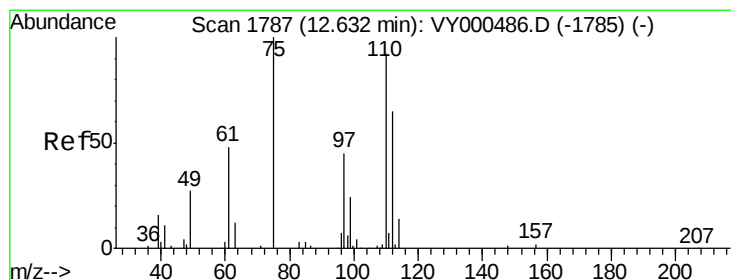
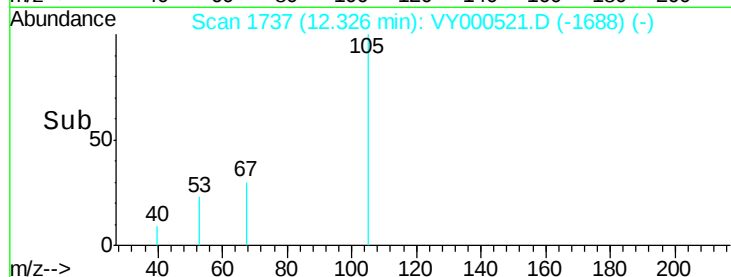
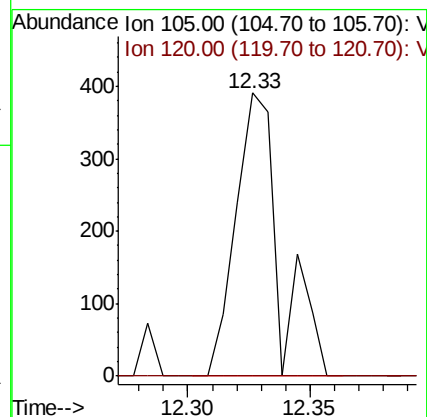
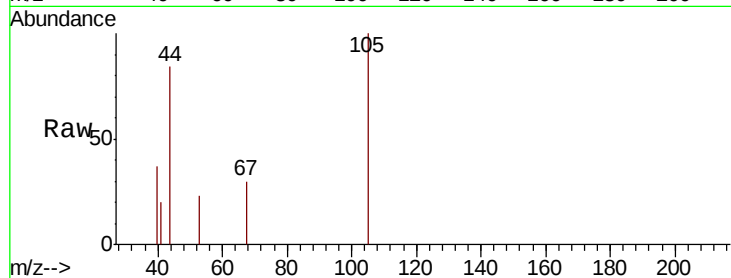
ClientSampleId :

Tot Ion: 105 Resp: 489

Ion Ratio Lower Upper

105 100

120 0.0 13.5 40.4#



#76

1,2,3-Trichloropropane

Concen: 55.140 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY000521.D

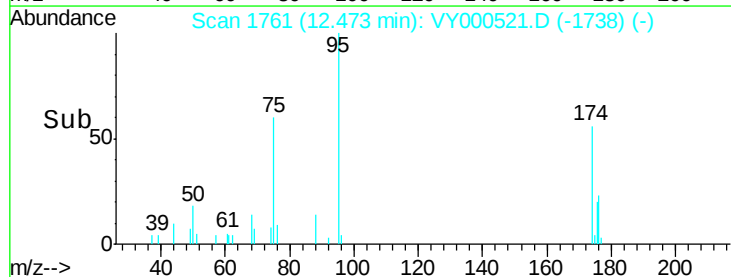
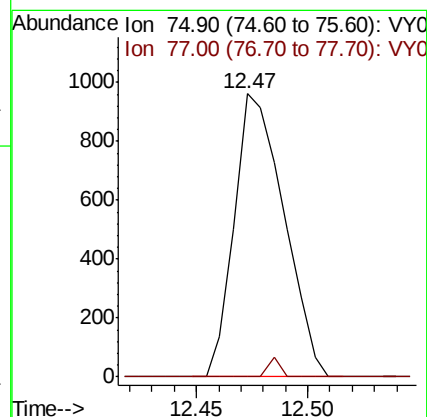
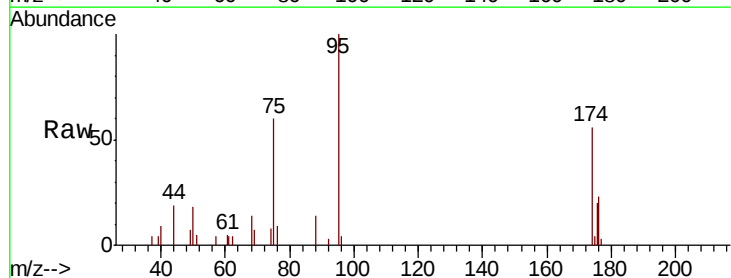
Acq: 01 Nov 2019 12:50

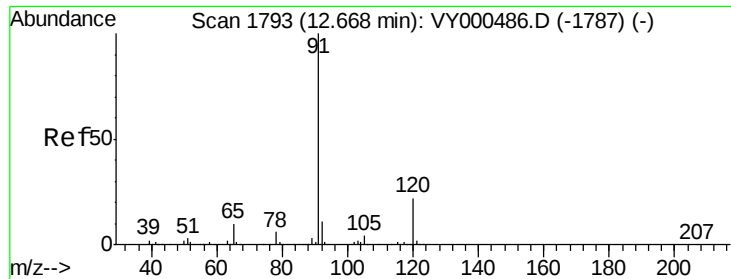
Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#78

n-propylbenzene

Concen: 1.636 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

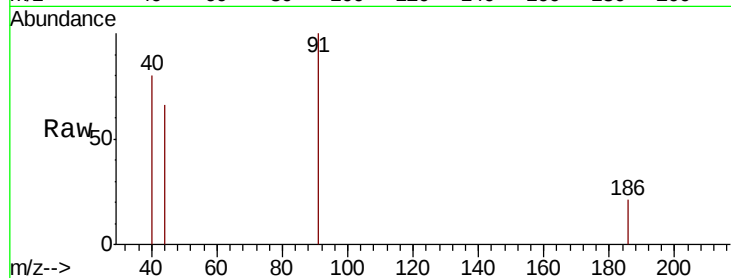
ClientSampleId :

Tot Ion: 91 Resp: 347

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

12.67

400

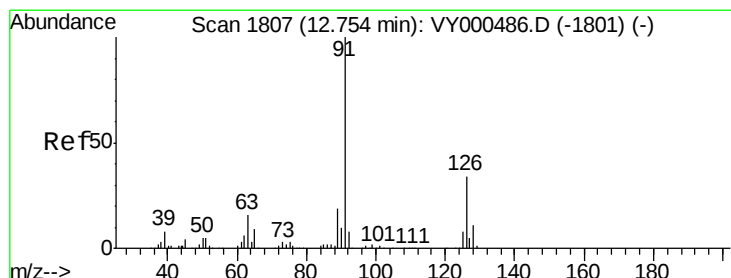
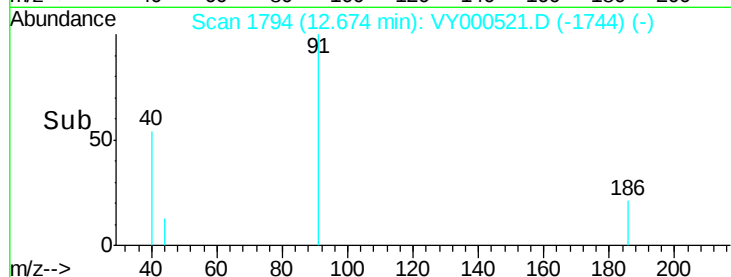
300

200

100

0

Time-->



#79

2-Chlorotoluene

Concen: 2.446 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000521.D

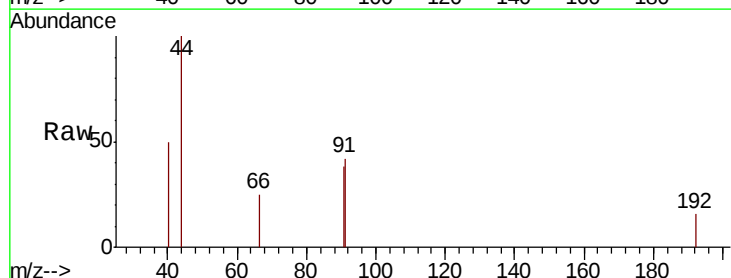
Acq: 01 Nov 2019 12:50

Tgt Ion: 91 Resp: 288

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.76

300

250

200

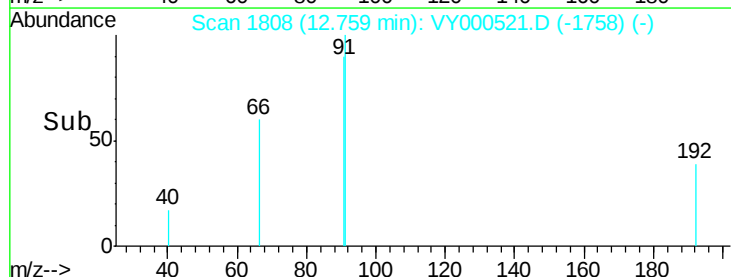
150

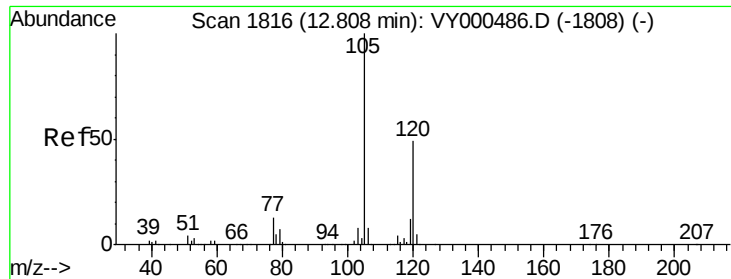
100

50

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 2.029 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

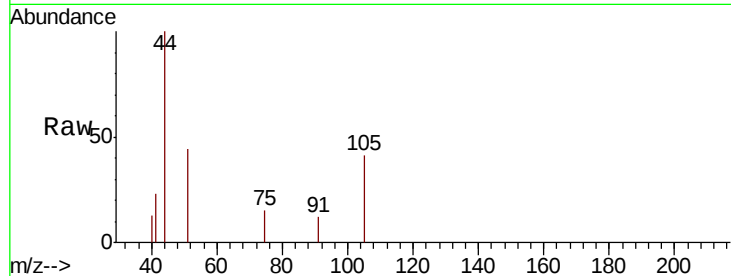
ClientSampled :

Tot Ion:105 Resp: 297

Ion Ratio Lower Upper

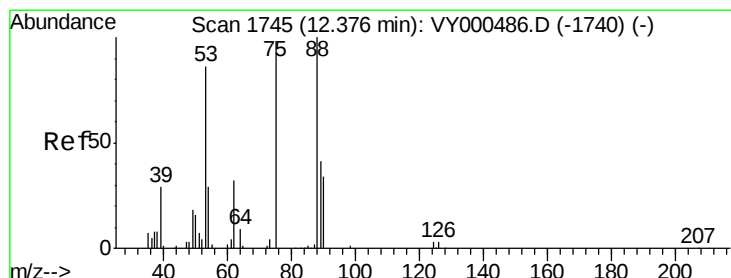
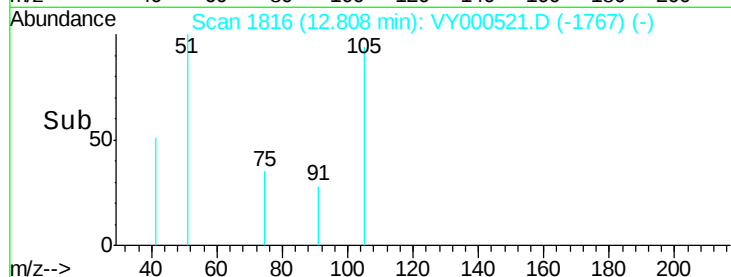
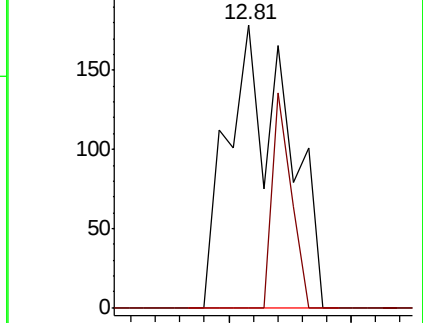
105 100

120 24.6 24.9 74.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 123.630 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

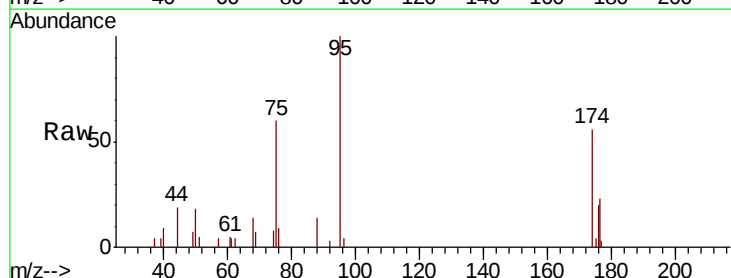
Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

75 100

53 1.7 73.2 109.8#

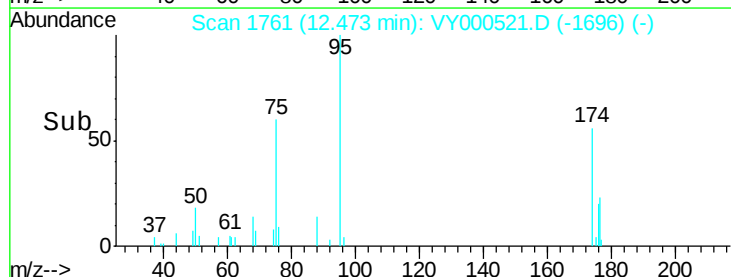
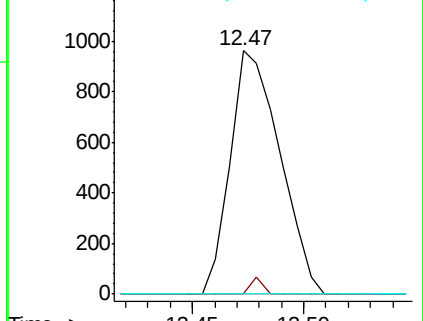
89 0.0 35.9 53.9#

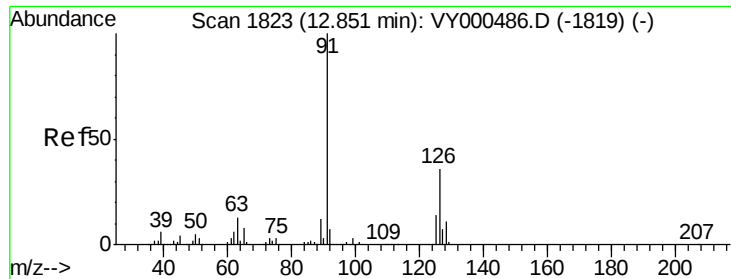


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 3.065 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

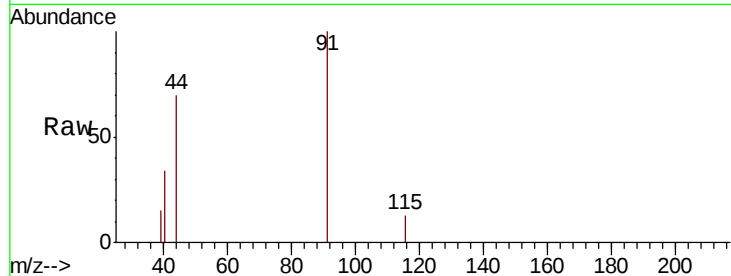
ClientSampleId :

Tot Ion: 91 Resp: 374

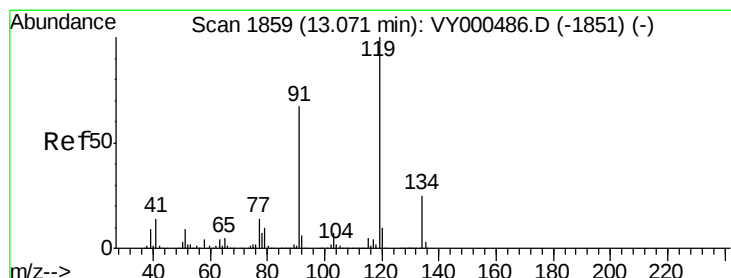
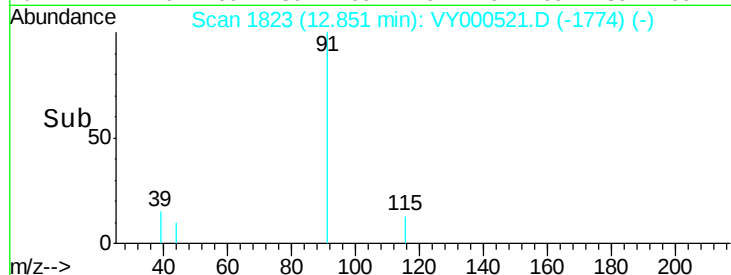
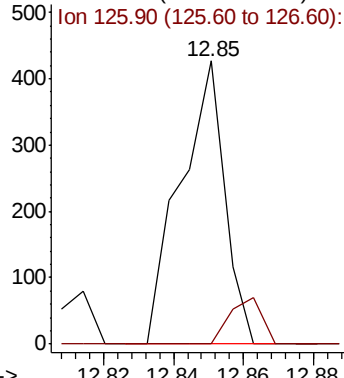
Ion Ratio Lower Upper

91 100

126 12.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1819) (-)



#83

tert-Butylbenzene

Concen: 1.560 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

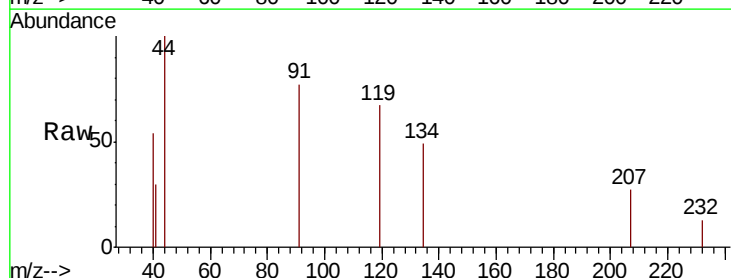
Tgt Ion: 119 Resp: 195

Ion Ratio Lower Upper

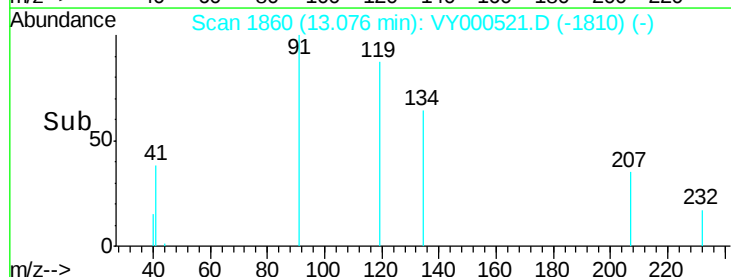
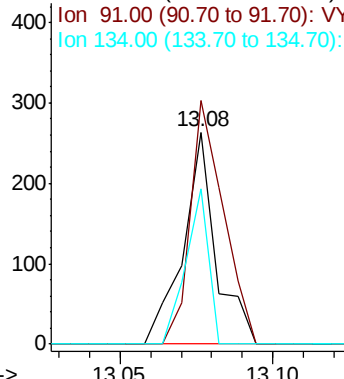
119 100

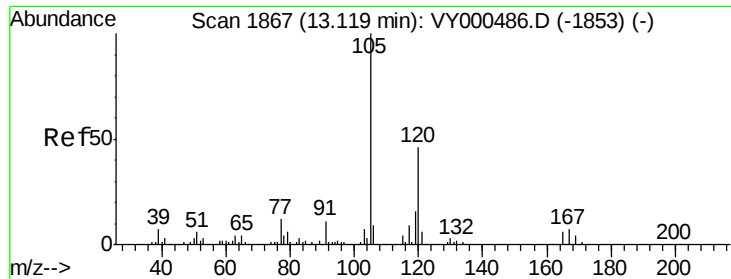
91 117.9 32.1 96.3#

134 50.8 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): VY000486.D (-1851) (-)

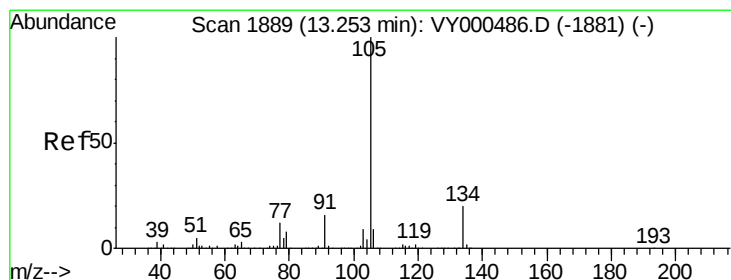
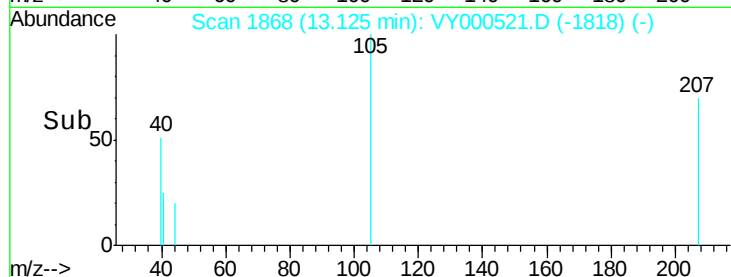
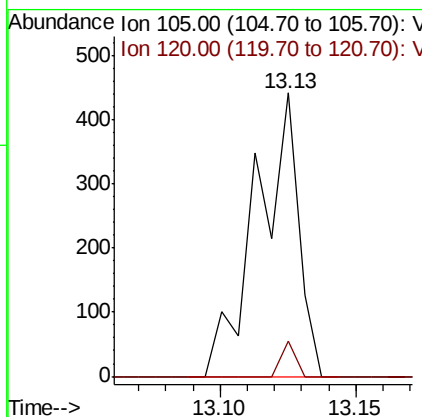
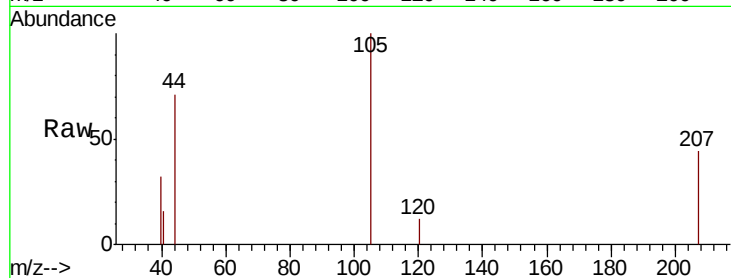




#84
 1,2,4-Trimethylbenzene
 Concen: 3.252 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

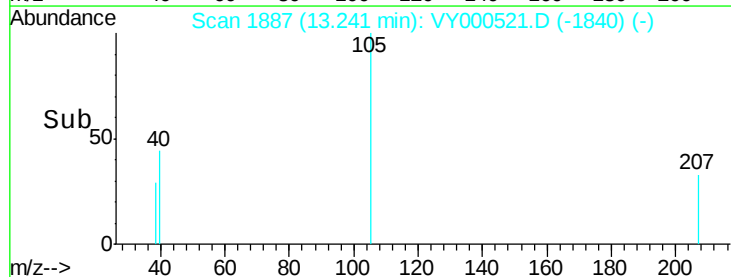
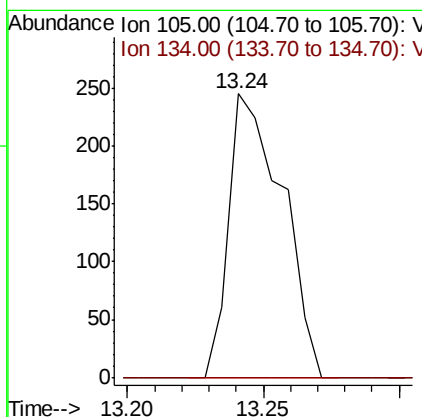
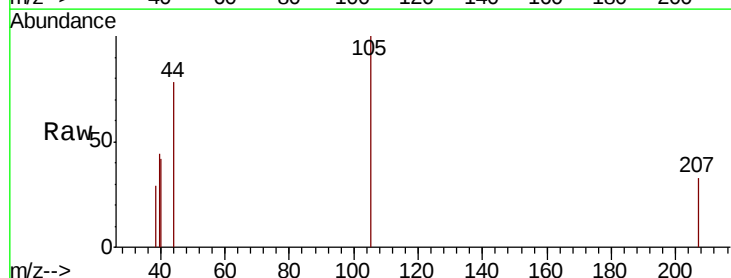
Instrument :
 MSVOA_Y
 ClientSampleId :

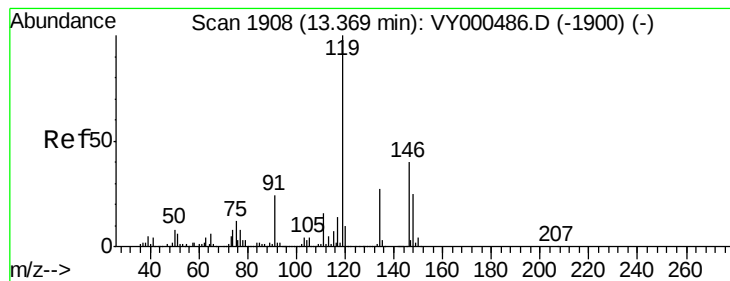
Tot Ion:105 Resp: 474
 Ion Ratio Lower Upper
 105 100
 120 4.2 23.3 69.9#



#85
 sec-Butylbenzene
 Concen: 1.876 ug/l
 RT: 13.24 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Tgt Ion:105 Resp: 334
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 4.058 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampled :

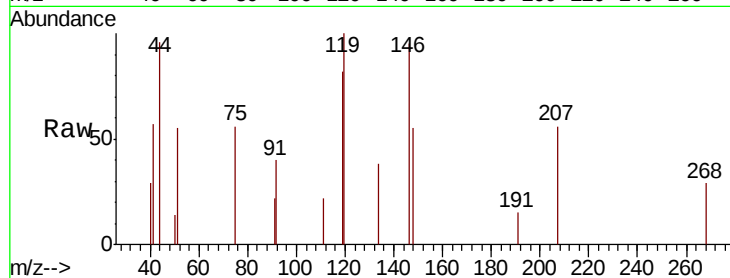
Tot Ion:119 Resp: 644

Ion Ratio Lower Upper

119 100

134 16.3 13.6 40.8

91 30.6 12.0 36.1

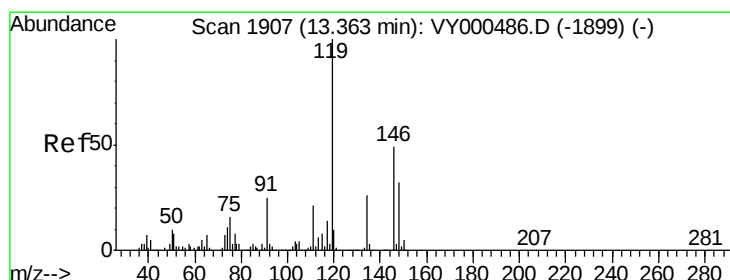
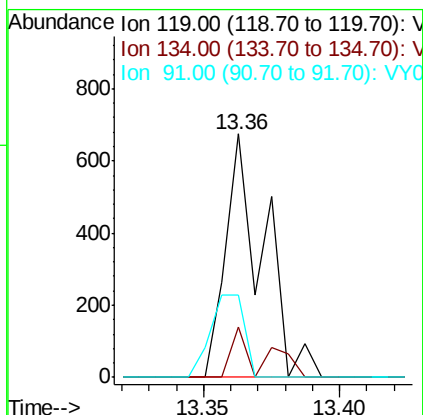
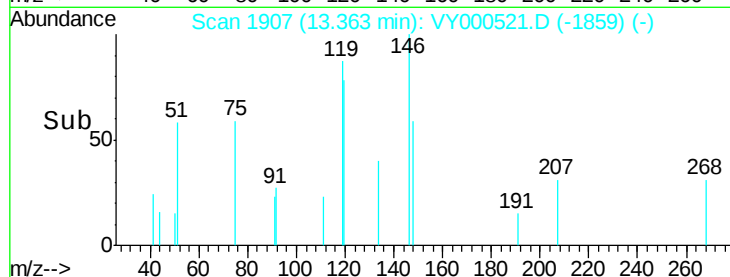


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#87

1,3-Dichlorobenzene

Concen: 3.228 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

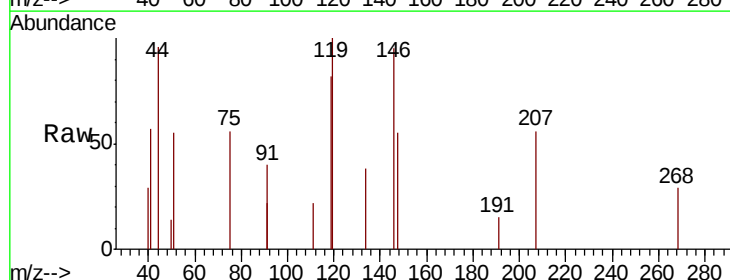
Tgt Ion:146 Resp: 252

Ion Ratio Lower Upper

146 100

111 51.2 20.3 60.8

148 107.9 31.5 94.5#

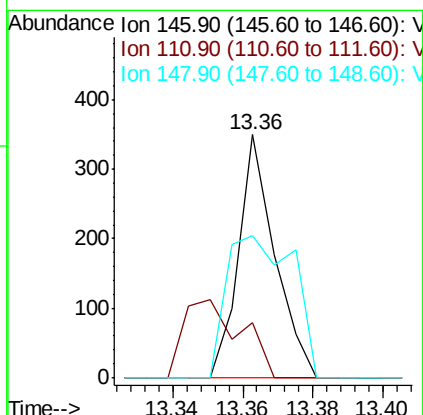
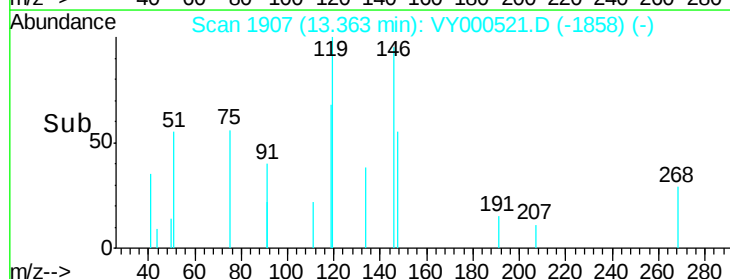


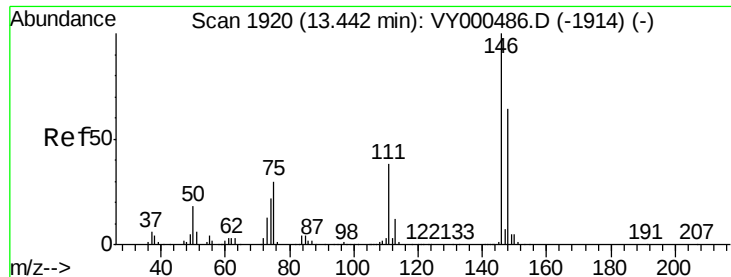
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->





#88

1,4-Dichlorobenzene

Concen: 2.718 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampleId :

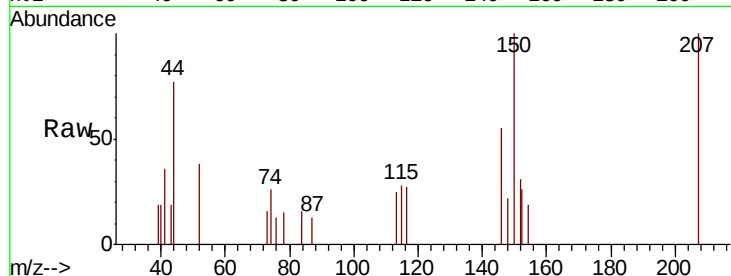
Tot Ion:146 Resp: 212

Ion Ratio Lower Upper

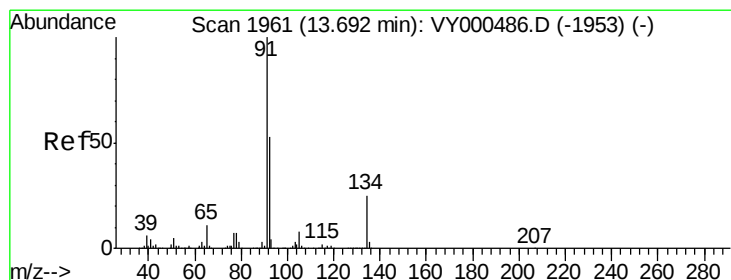
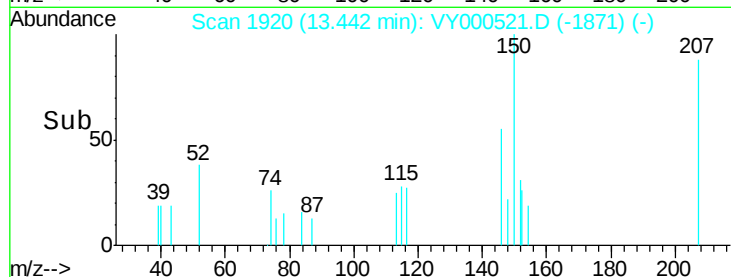
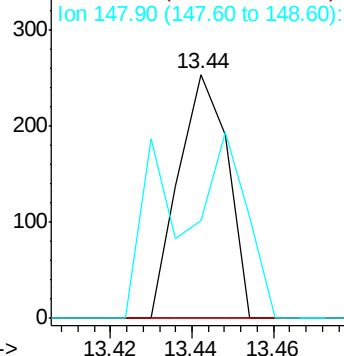
146 100

111 0.0 19.7 59.0#

148 115.1 31.9 95.7#



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: 3.648 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

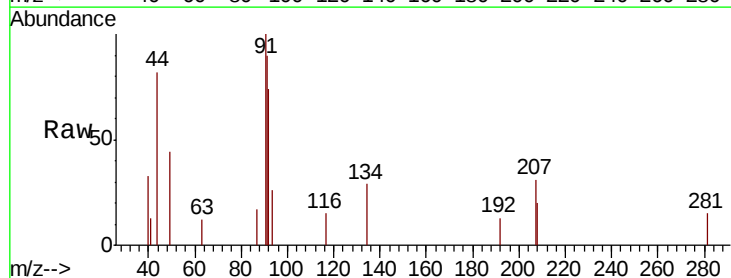
Tgt Ion: 91 Resp: 571

Ion Ratio Lower Upper

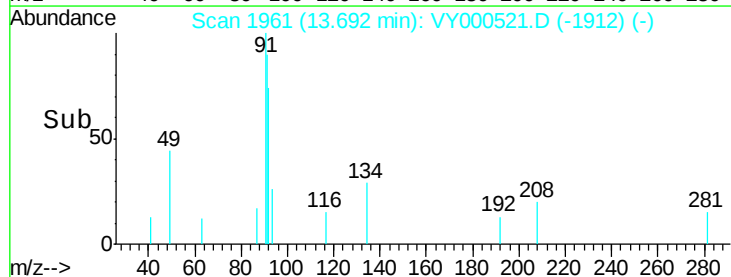
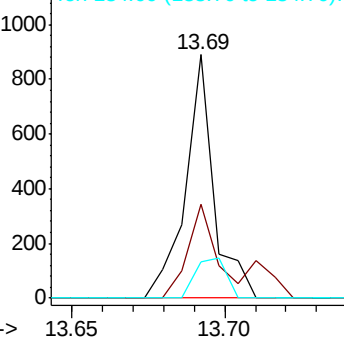
91 100

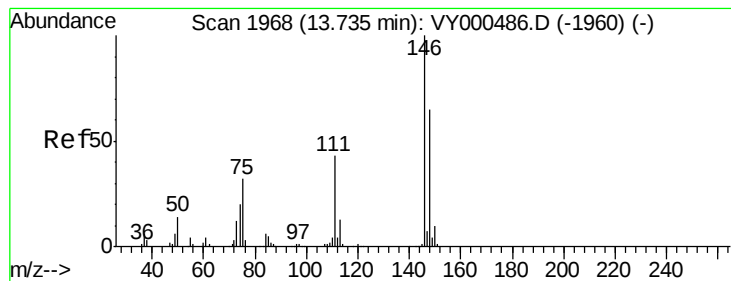
92 39.4 26.8 80.3

134 17.9 12.9 38.7



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: 2.866 ug/l

RT: 13.72 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VY000521.D

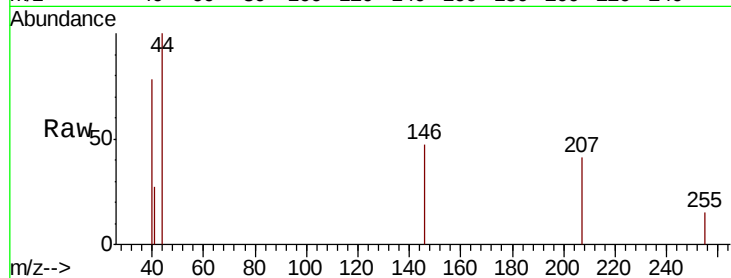
Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampleId :

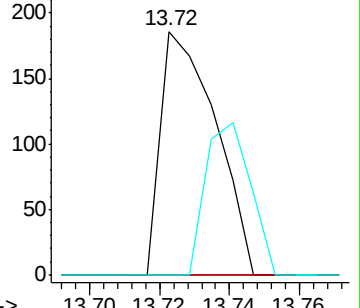
Tot Ion:	146	Resp:	203
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.5#
148	50.7	31.7	95.1



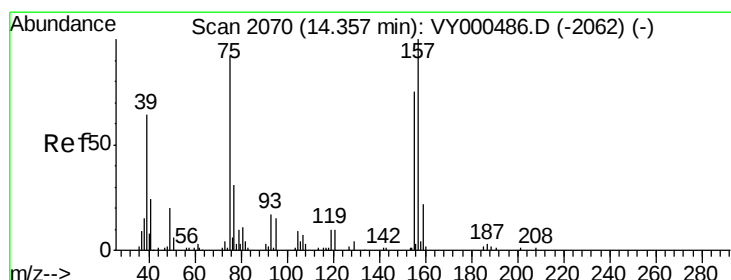
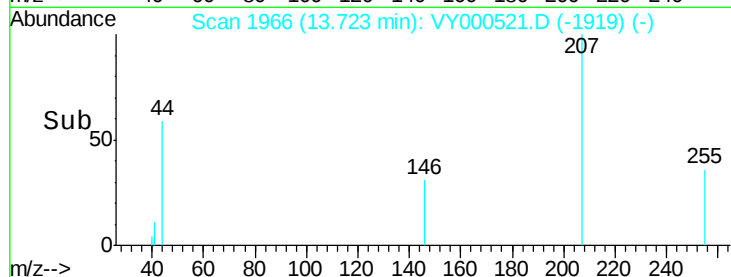
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.085 ug/l

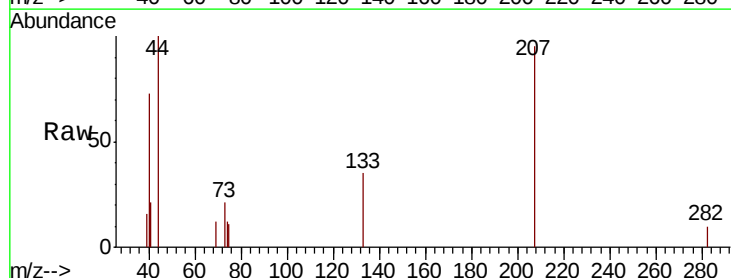
RT: 14.58 min Scan# 2107

Delta R.T. 0.23 min

Lab File: VY000521.D

Acq: 01 Nov 2019 12:50

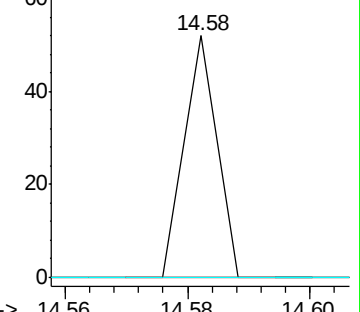
Tgt Ion:	75	Resp:	19
Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	55.1	165.3#



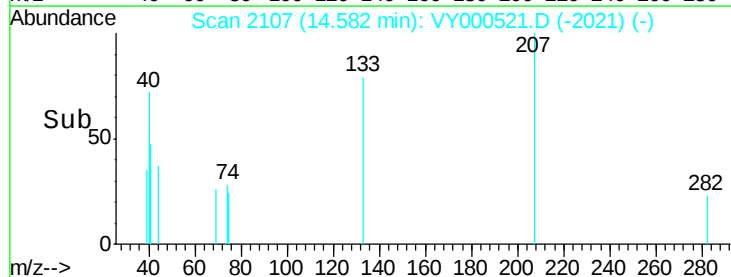
Abundance Ion 74.90 (74.60 to 75.60): VY0

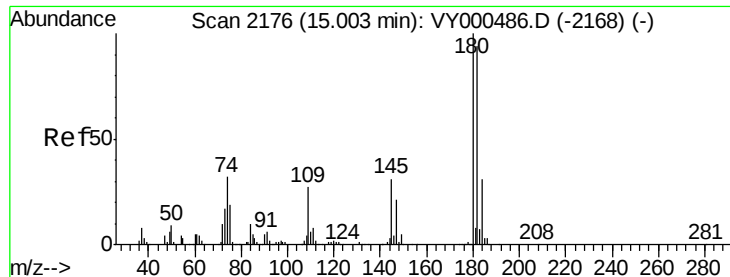
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->

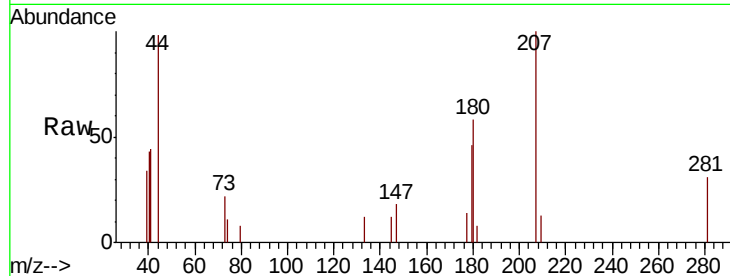




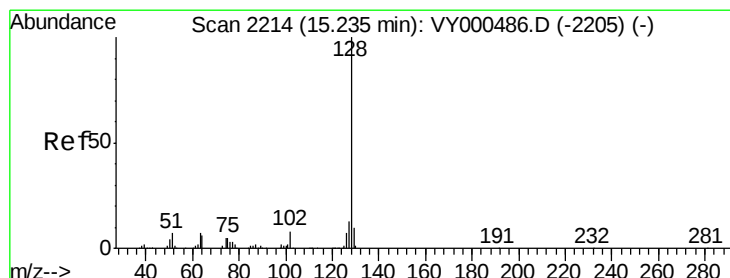
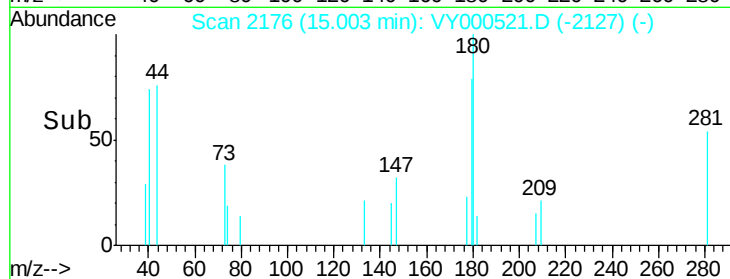
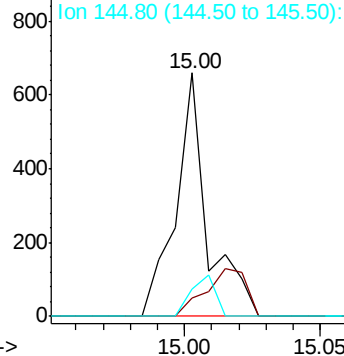
#93
 1,2,4-Trichlorobenzene
 Concen: 10.948 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	25.4	47.8	143.4#
145	12.9	16.0	47.9#

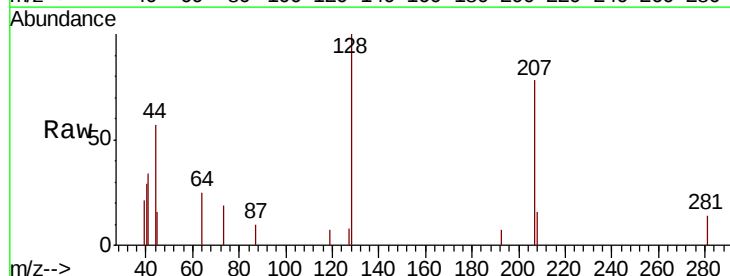


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

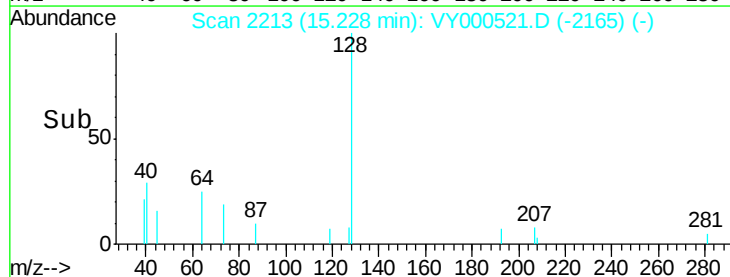
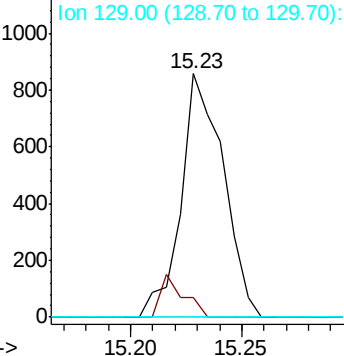


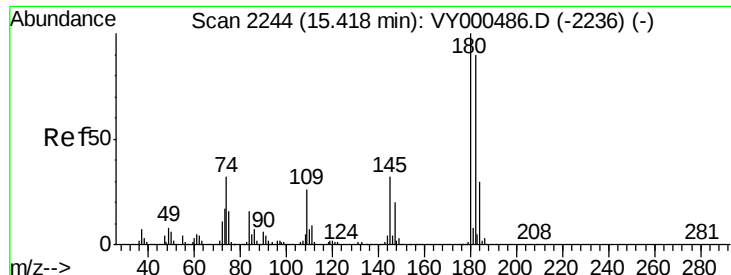
#95
 Naphthalene
 Concen: 10.592 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.3	9.8	14.6#
129	0.0	8.7	13.1#



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

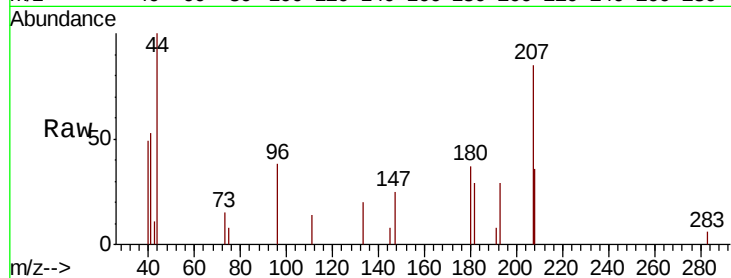




#96
 1,2,3-Trichlorobenzene
 Concen: 9.430 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	113.0	47.4	142.3
145	6.4	15.7	47.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

