

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 :
 3465RE

Quant Time: Nov 01 23:42:30 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

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 :
 3465RE

Quant Time: Nov 01 23:42:30 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

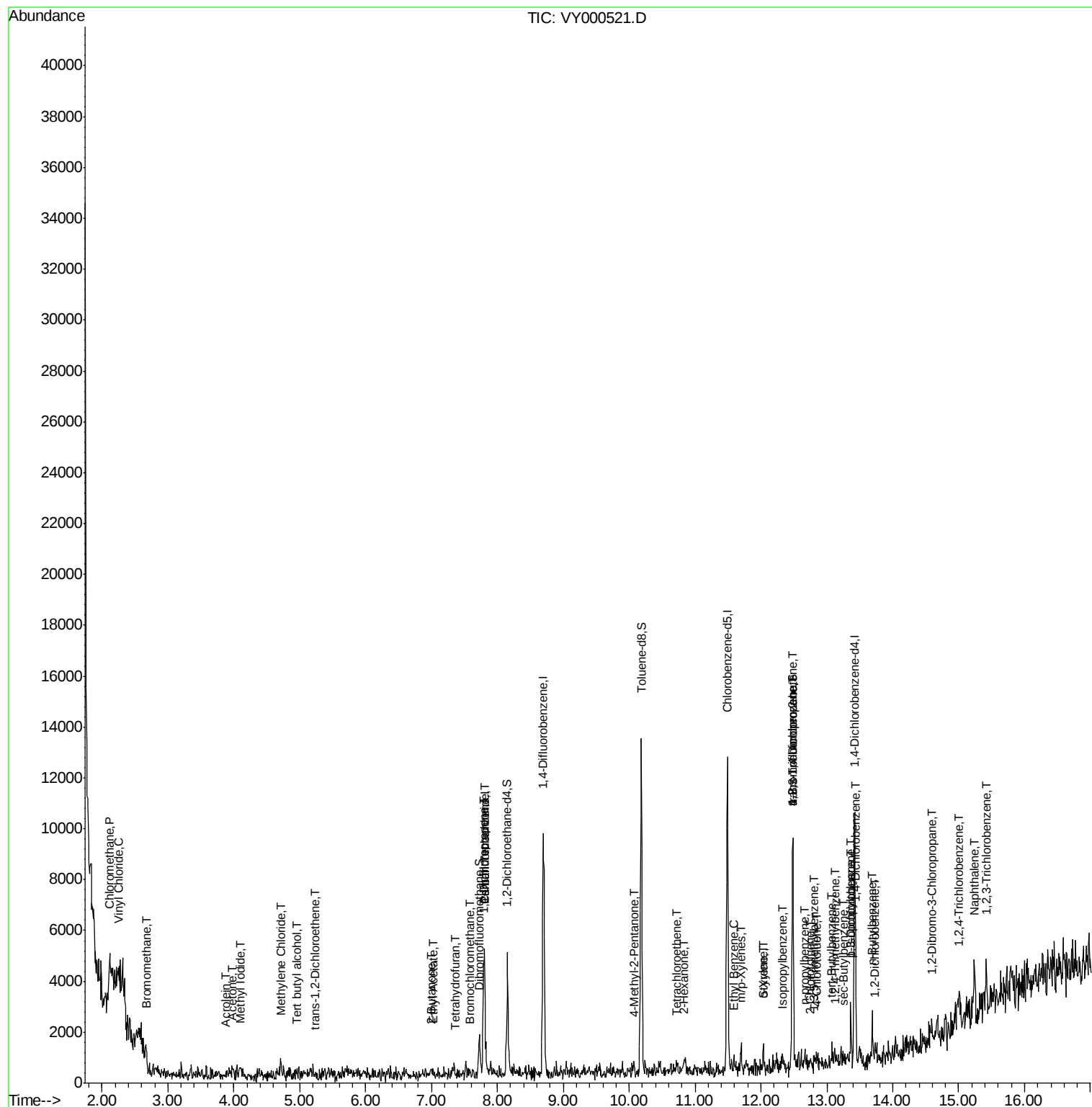
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.44	146	212	2.718	ug/l #	35
89) n-Butylbenzene	13.69	91	571	3.648	ug/l	82
91) 1,2-Dichlorobenzene	13.72	146	203	2.866	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.58	75	19	3.085	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	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

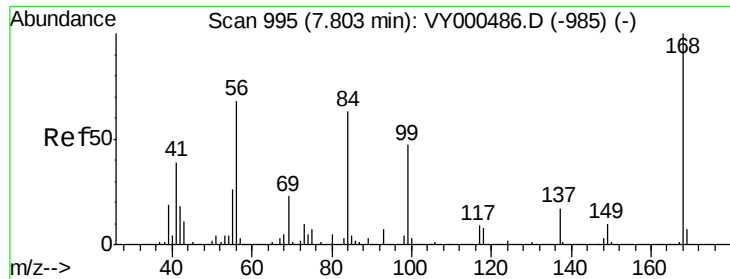
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 :
3465RE

Quant Time: Nov 01 23:42:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 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: VY000521.D

Acq: 01 Nov 2019 12:50

Instrument :

MSVOA_Y

ClientSampleId :

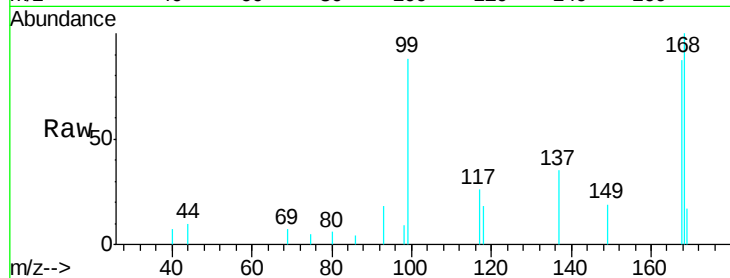
3465RE

Tgt Ion:168 Resp: 3974

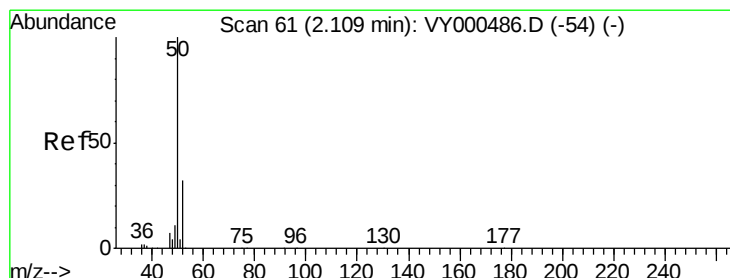
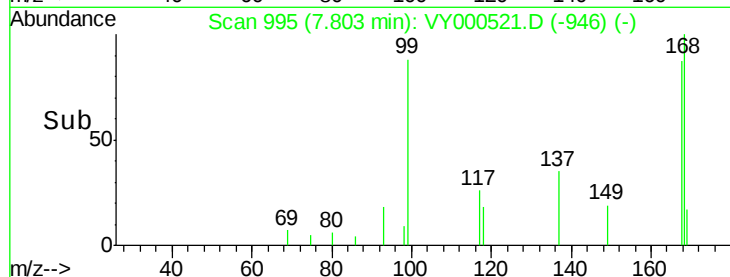
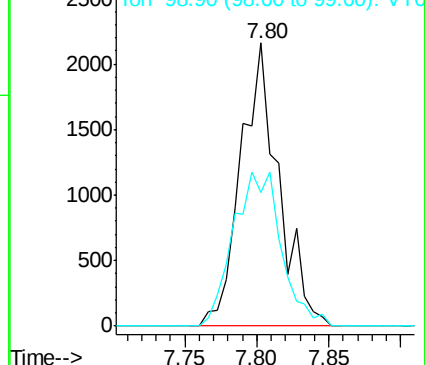
Ion Ratio Lower Upper

168 100

99 47.0 45.7 68.5



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



#3

Chloromethane

Concen: 12.136 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY000521.D

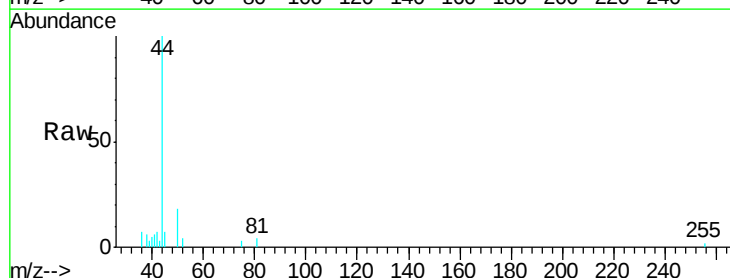
Acq: 01 Nov 2019 12:50

Tgt Ion: 50 Resp: 654

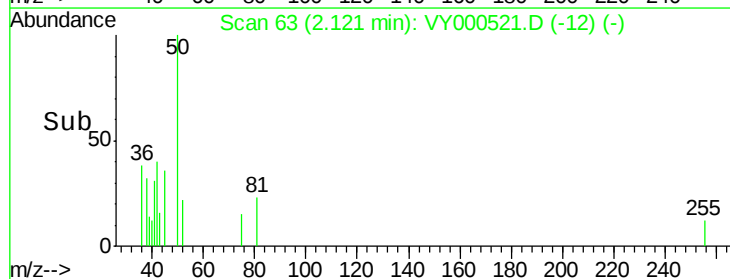
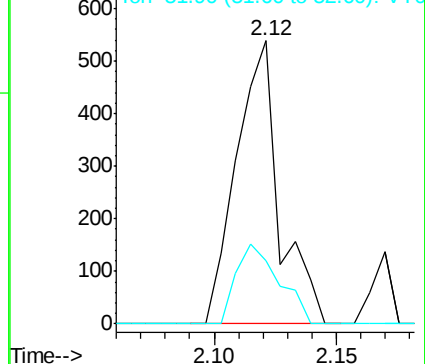
Ion Ratio Lower Upper

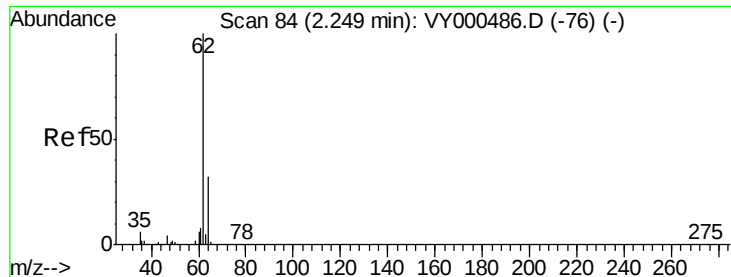
50 100

52 22.3 25.2 37.8#



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





#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 :

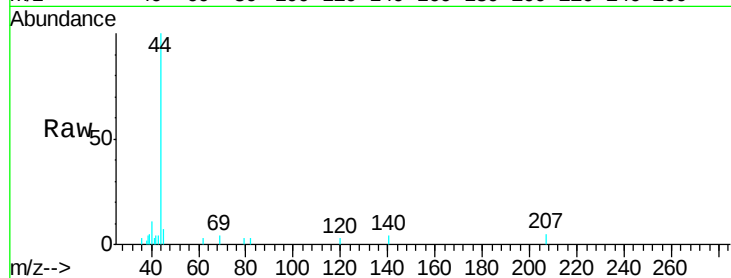
3465RE

Tgt Ion: 62 Resp: 67

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#



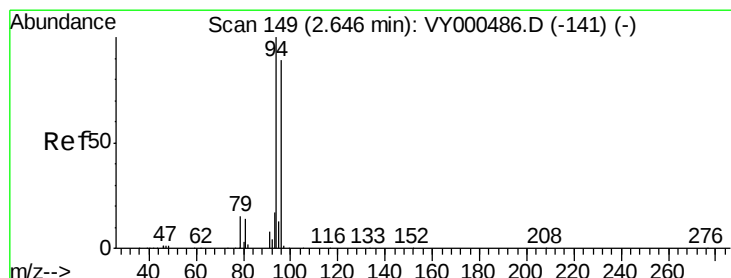
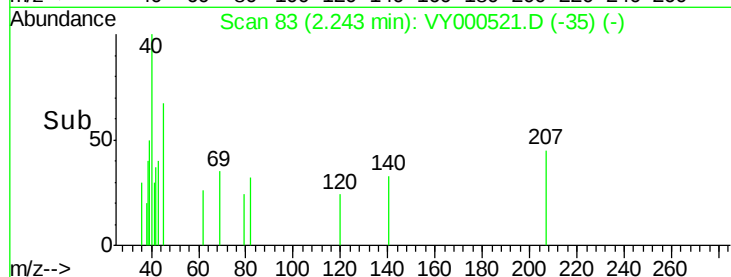
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.24

2.22 2.24 2.26 2.28

Time-->



#5

Bromomethane

Concen: 2.766 ug/l

RT: 2.68 min Scan# 155

Delta R.T. 0.04 min

Lab File: VY000521.D

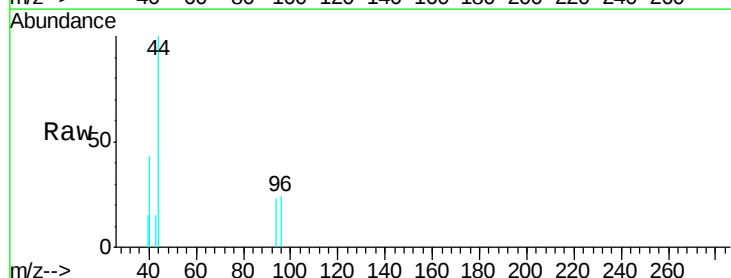
Acq: 01 Nov 2019 12:50

Tgt Ion: 94 Resp: 83

Ion Ratio Lower Upper

94 100

96 106.5 71.2 106.8



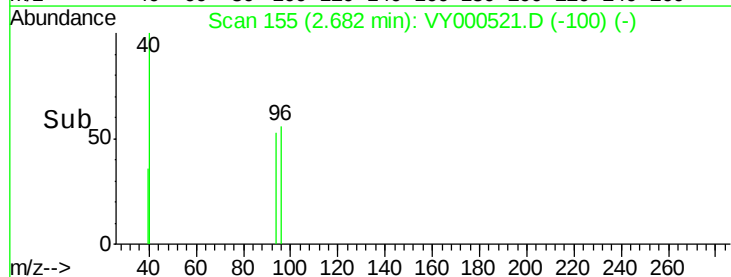
Abundance Ion 93.90 (93.60 to 94.60): VY0

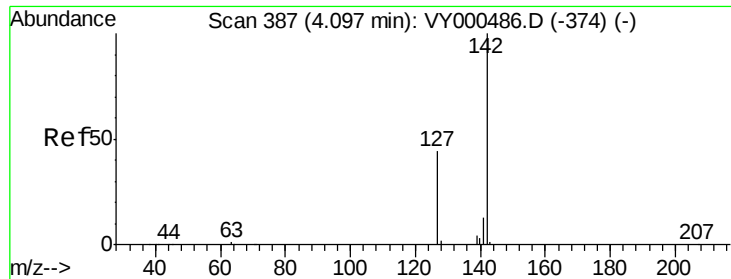
Ion 95.90 (95.60 to 96.60): VY0

2.68

2.64 2.66 2.68 2.70

Time-->

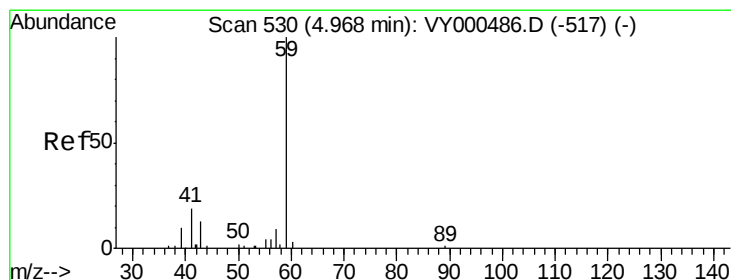
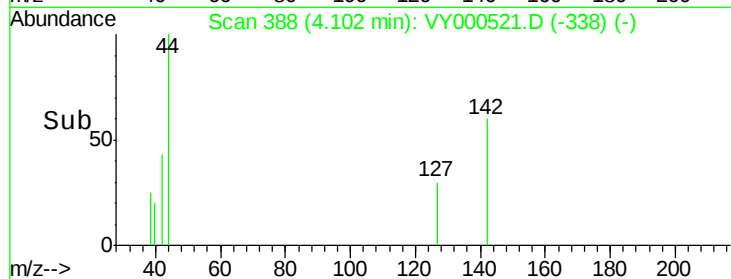
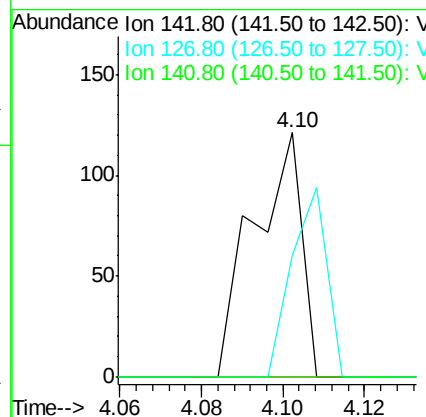
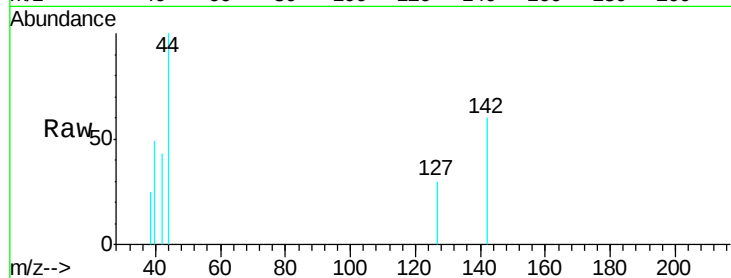




#10
Methyl Iodide
Concen: 4.940 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

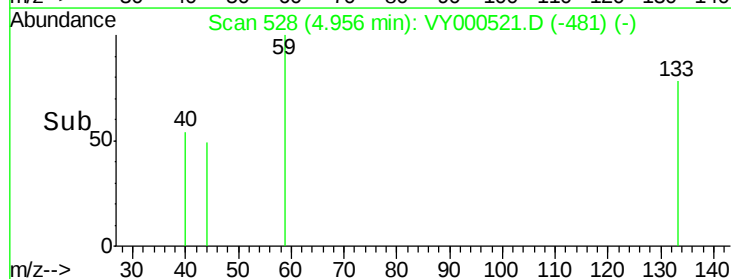
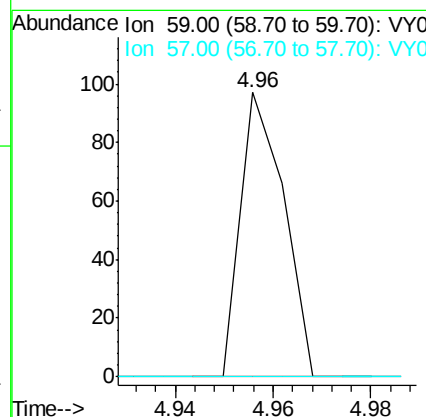
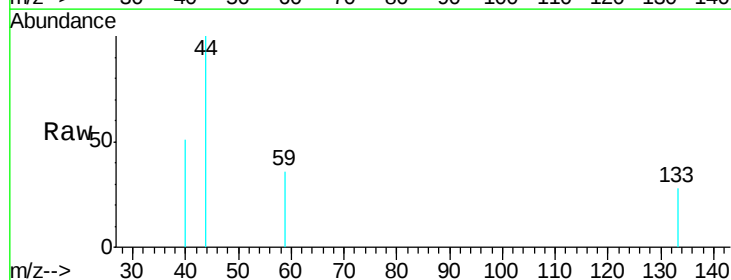
Instrument :
MSVOA_Y
ClientSampleId :
3465RE

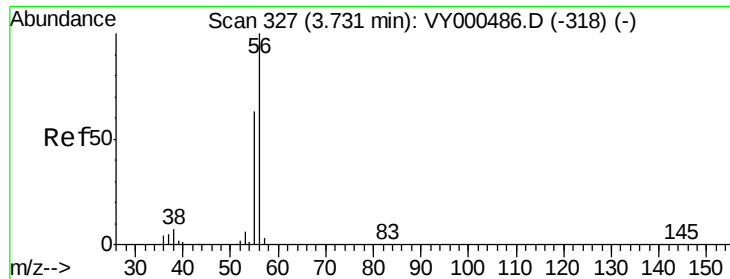
Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 56.0 33.7 50.5#
141 0.0 10.9 16.3#



#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#





#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 :

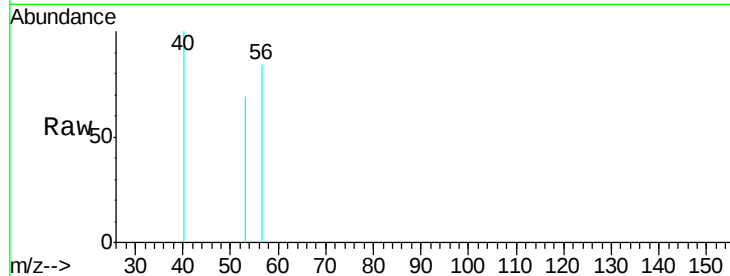
3465RE

Tgt Ion: 56 Resp: 51

Ion Ratio Lower Upper

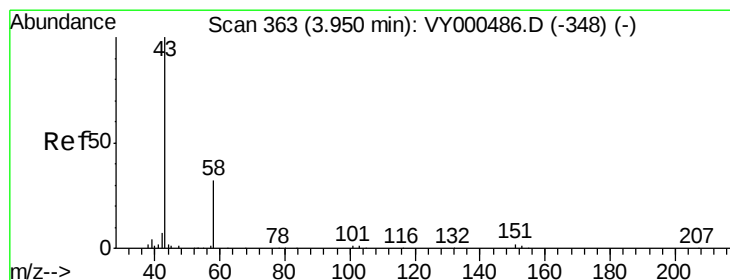
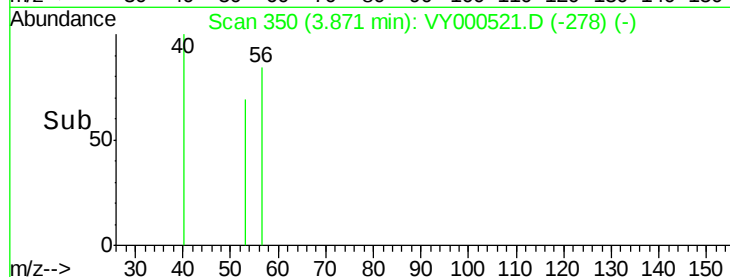
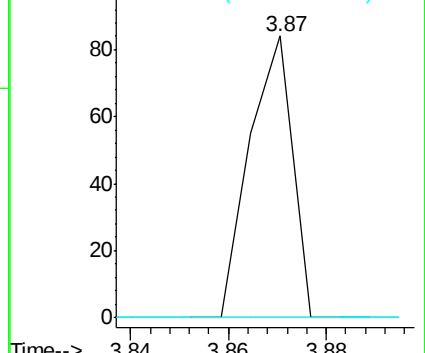
56 100

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



#16

Acetone

Concen: 48.523 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000521.D

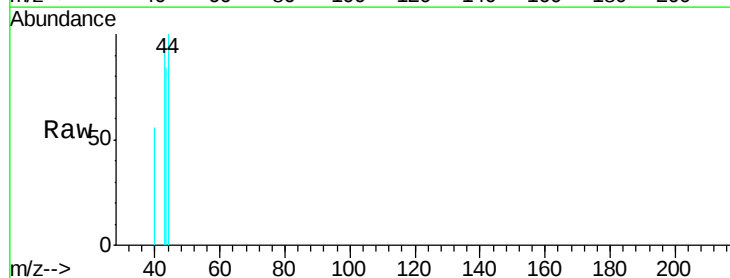
Acq: 01 Nov 2019 12:50

Tgt Ion: 43 Resp: 550

Ion Ratio Lower Upper

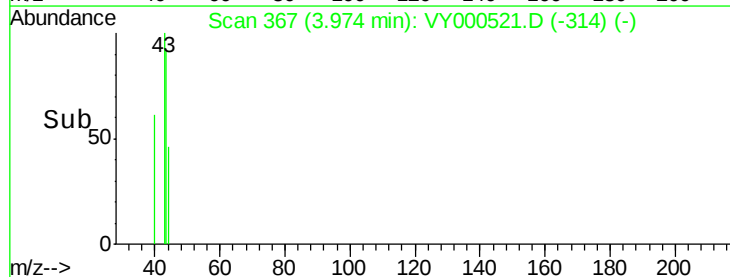
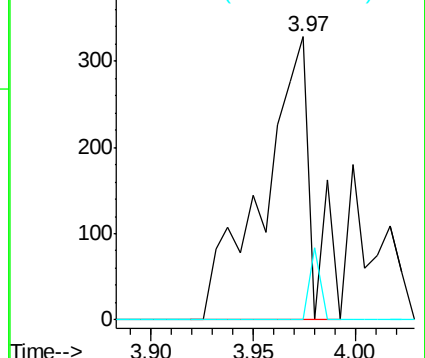
43 100

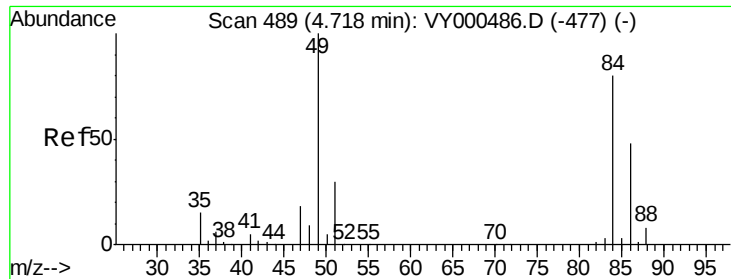
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

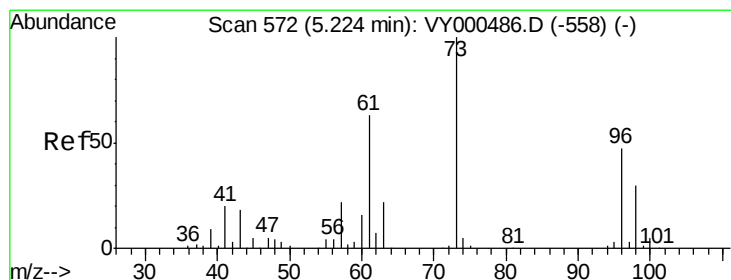
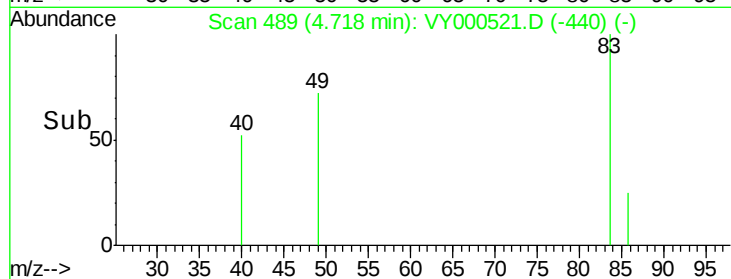
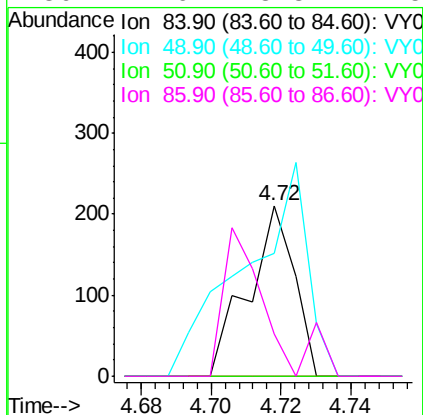
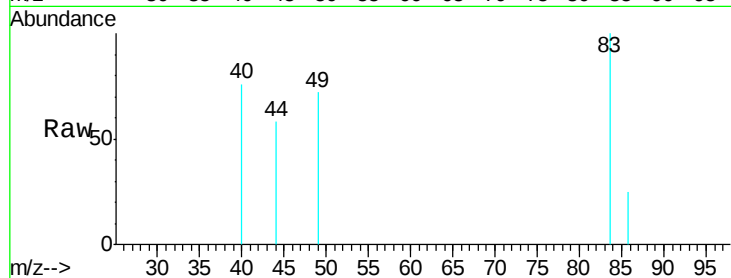




#20
Methylene Chloride
Concen: 3.953 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

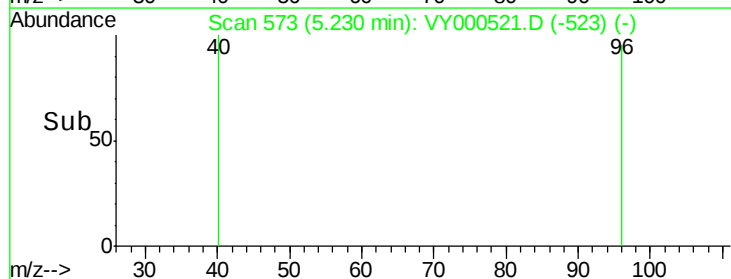
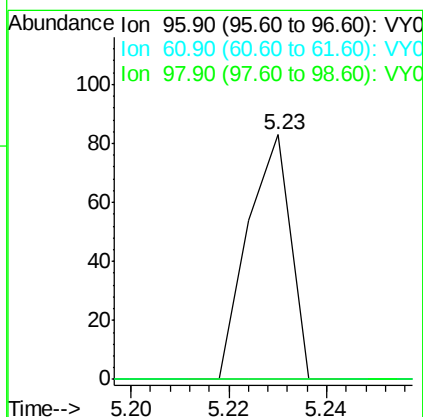
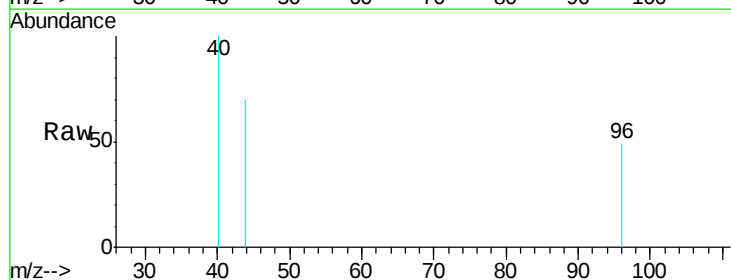
Instrument :
MSVOA_Y
ClientSampled :
3465RE

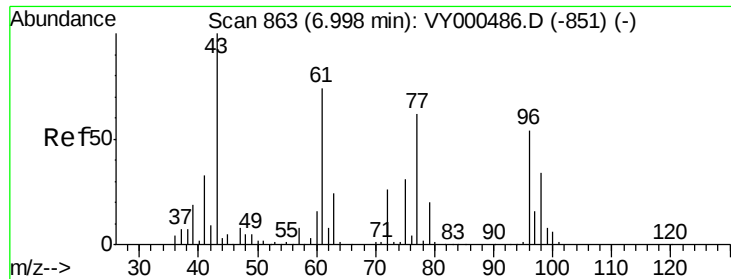
Tgt Ion: 84 Resp: 192
Ion Ratio Lower Upper
84 100
49 71.6 100.2 150.4#
51 0.0 29.6 44.4#
86 24.6 48.3 72.5#



#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#

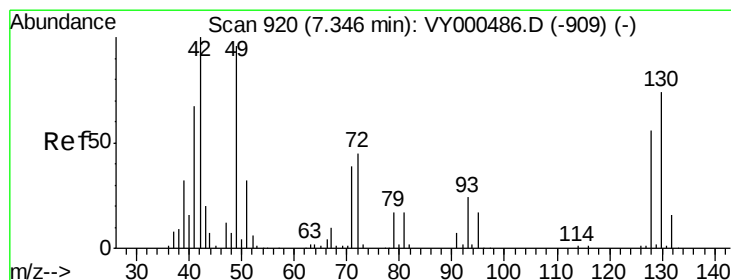
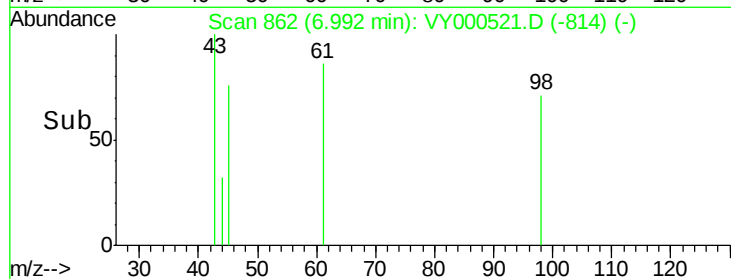
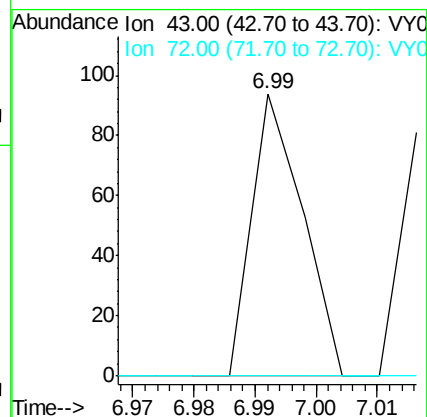
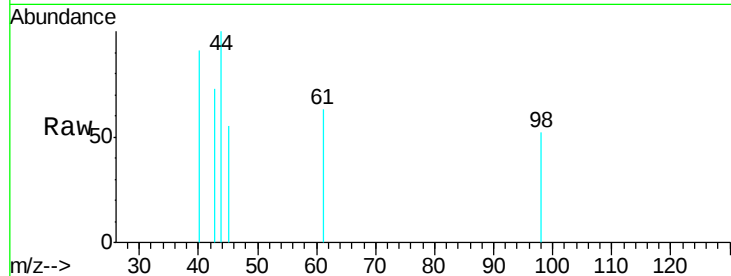




#25
2-Butanone
Concen: 2.985 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

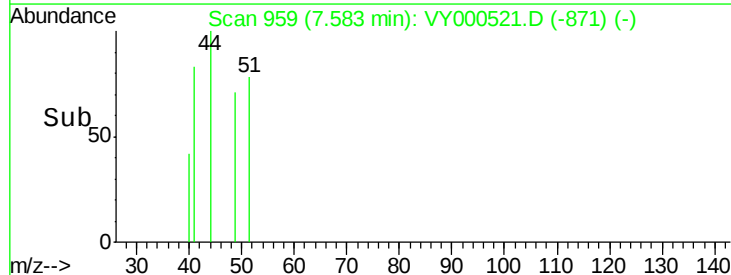
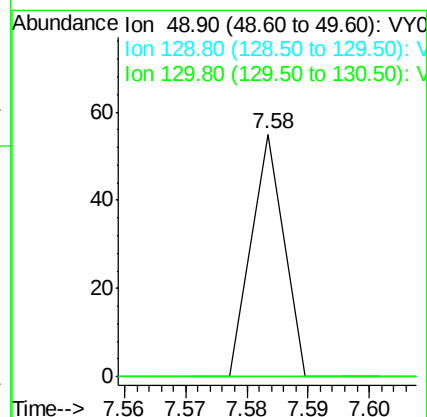
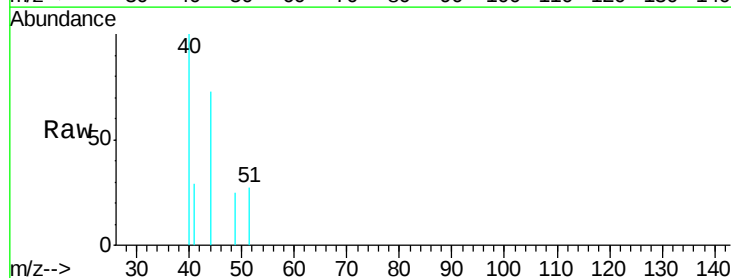
Instrument :
MSVOA_Y
ClientSampled :
3465RE

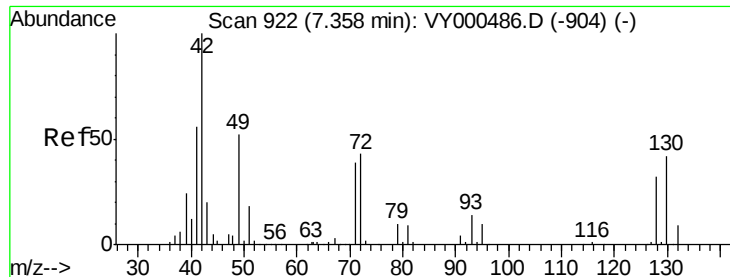
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#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#

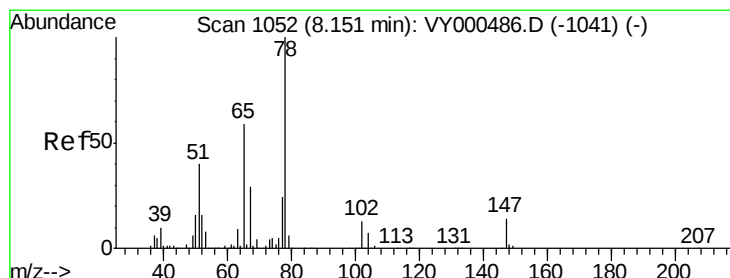
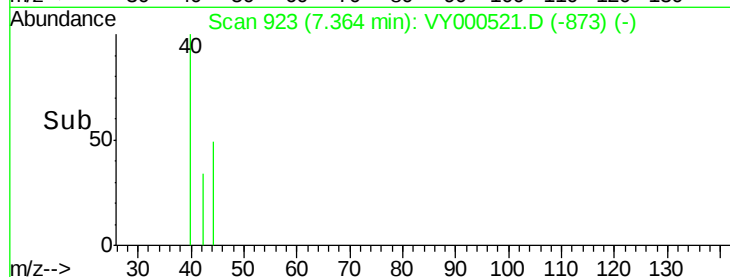
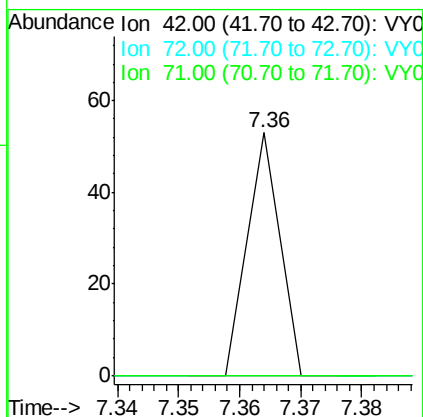
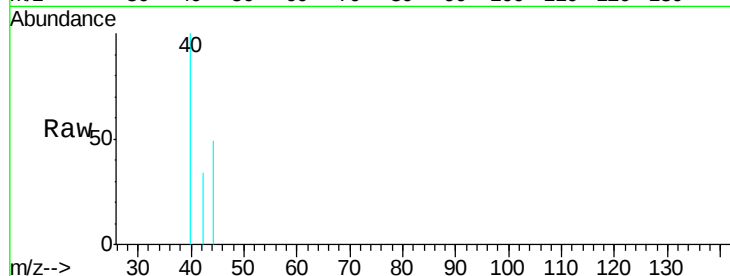




#29
Tetrahydrofuran
Concen: 1.717 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

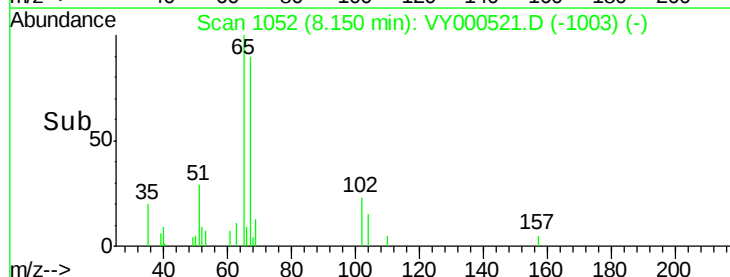
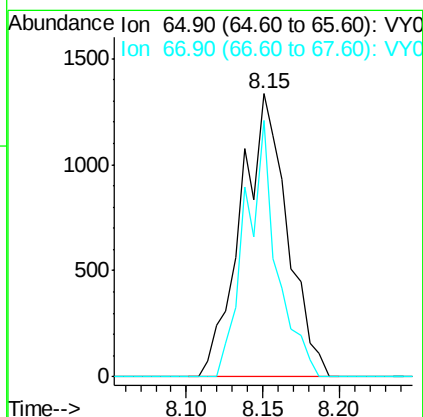
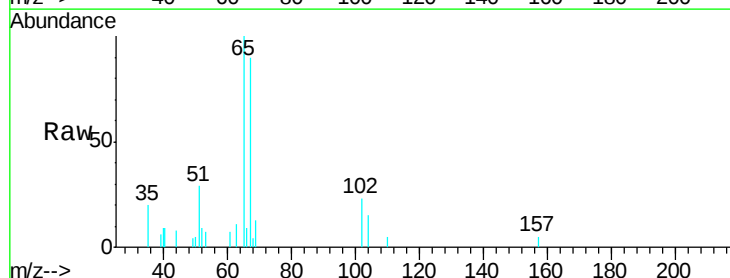
Instrument :
MSVOA_Y
ClientSampleId :
3465RE

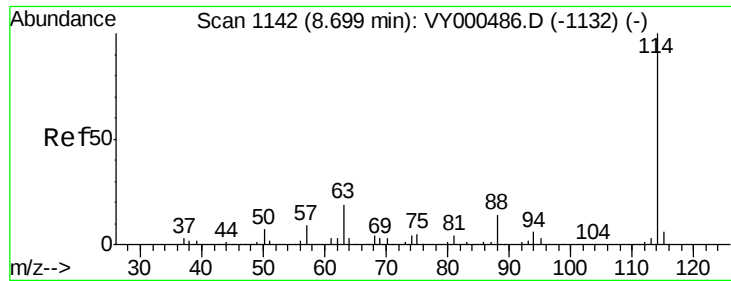
Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 30.8 46.2#



#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

ClientSampleId :

3465RE

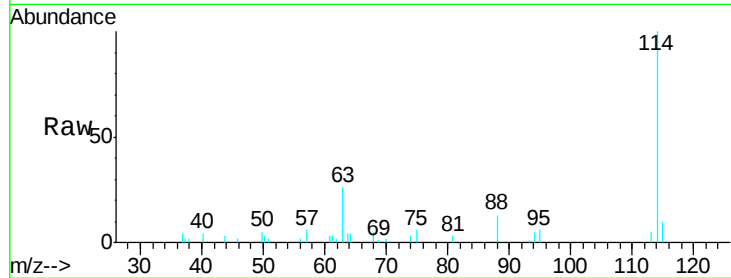
Tgt Ion:114 Resp: 8001

Ion Ratio Lower Upper

114 100

63 25.7 0.0 38.0

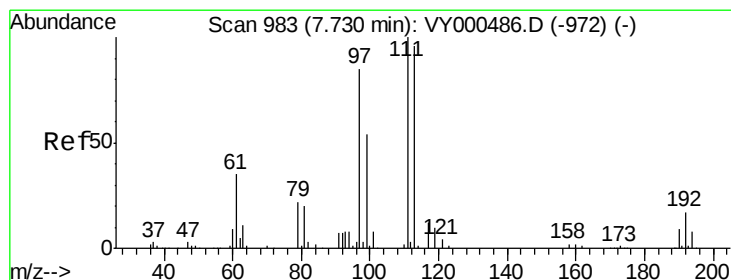
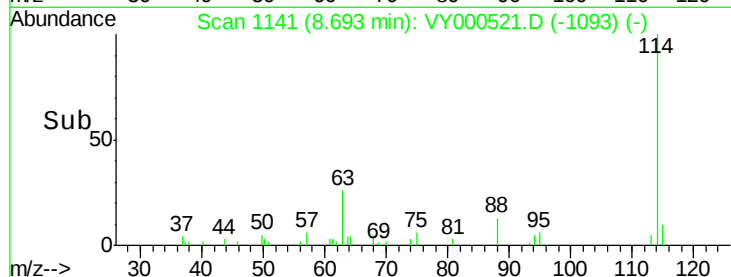
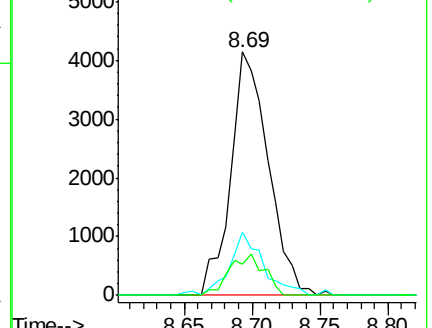
88 12.6 0.0 28.6



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

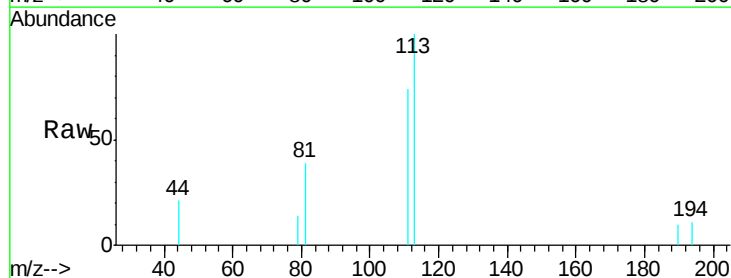
Tgt Ion:113 Resp: 981

Ion Ratio Lower Upper

113 100

111 120.2 81.7 122.5

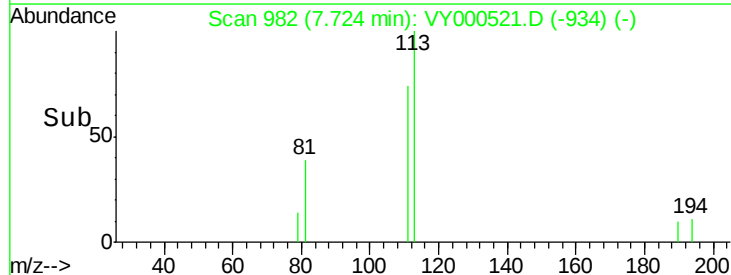
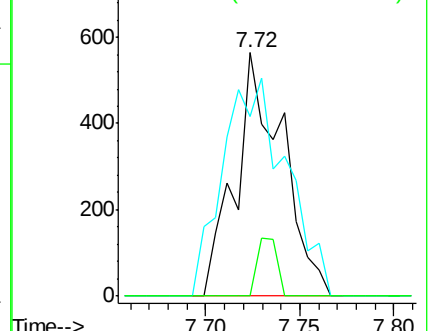
192 9.9 15.0 22.4#

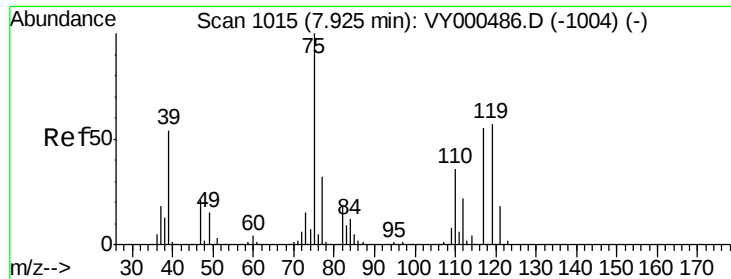


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

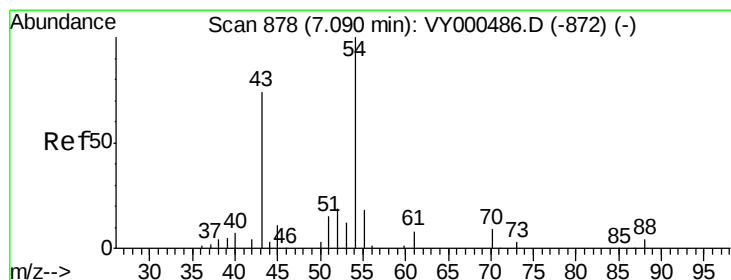
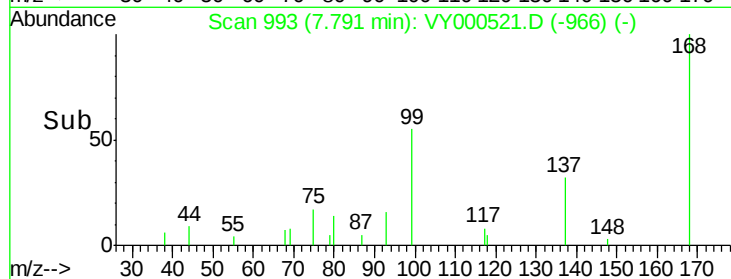
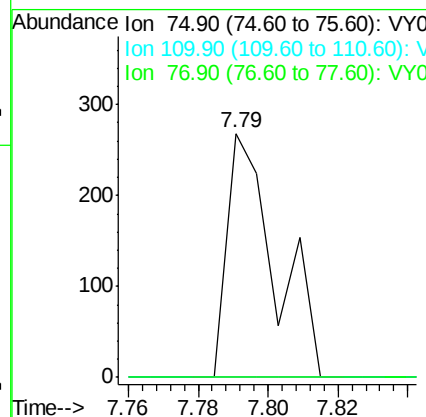
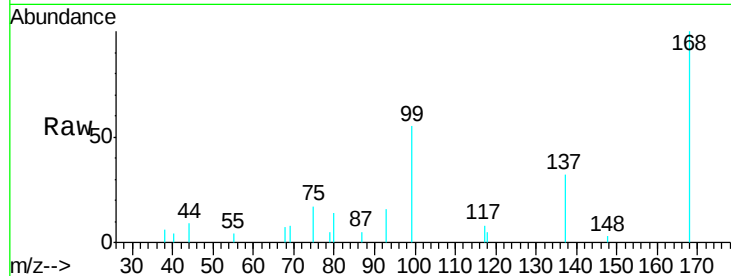




#36
 1,1-Dichloropropene
 Concen: 3.398 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

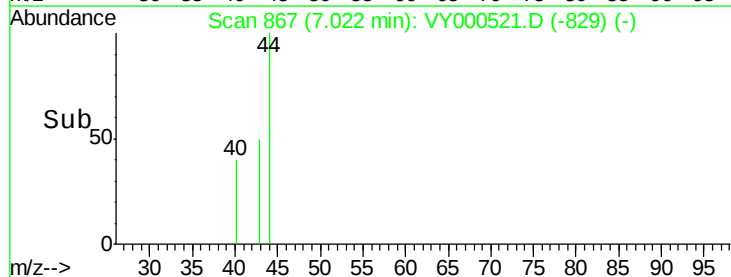
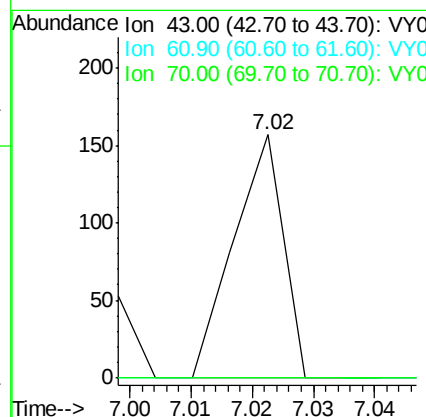
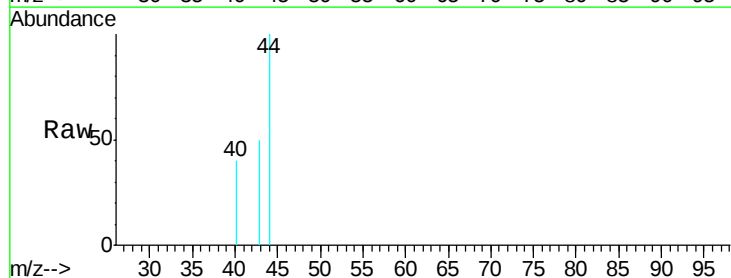
Instrument :
 MSVOA_Y
 ClientSampled :
 3465RE

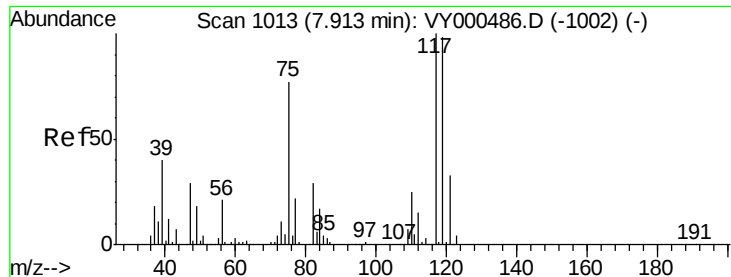
Tgt Ion: 75 Resp: 257
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 0.0 25.0 37.6#



#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#





#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 :

3465RE

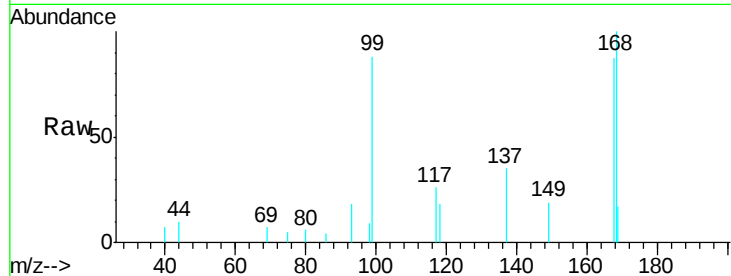
Tgt Ion:117 Resp: 436

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

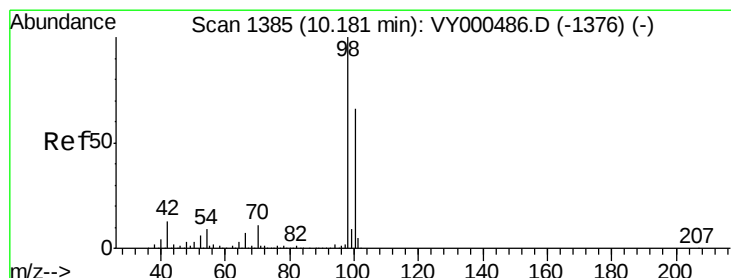
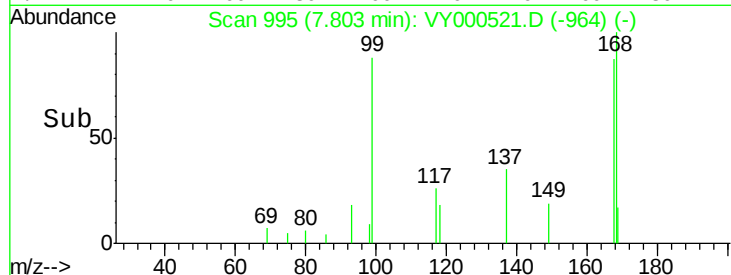
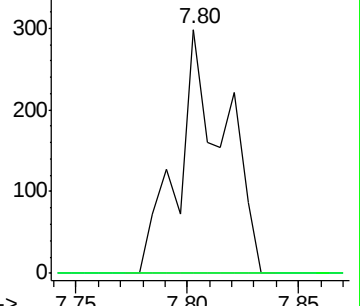
121 0.0 26.6 40.0#



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

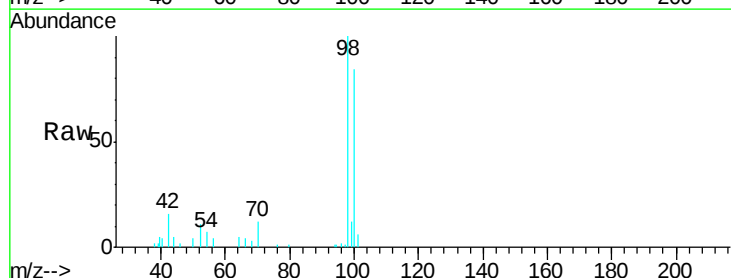
Acq: 01 Nov 2019 12:50

Tgt Ion: 98 Resp: 8506

Ion Ratio Lower Upper

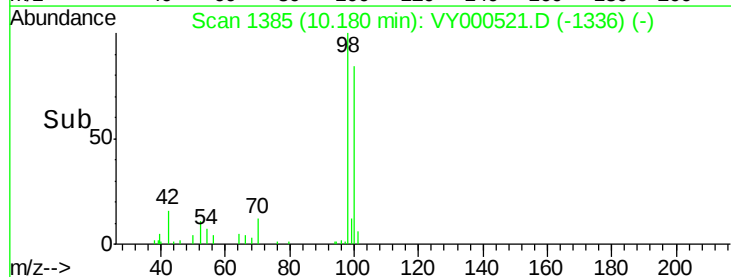
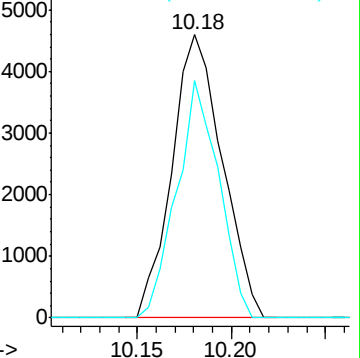
98 100

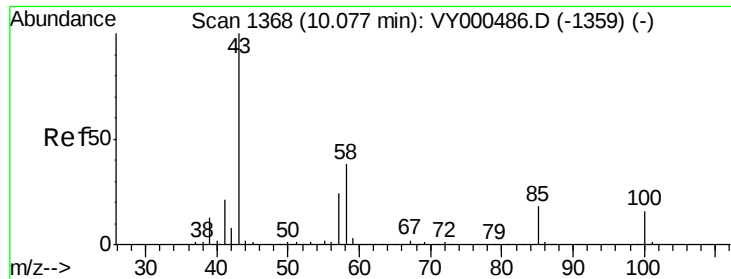
100 70.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

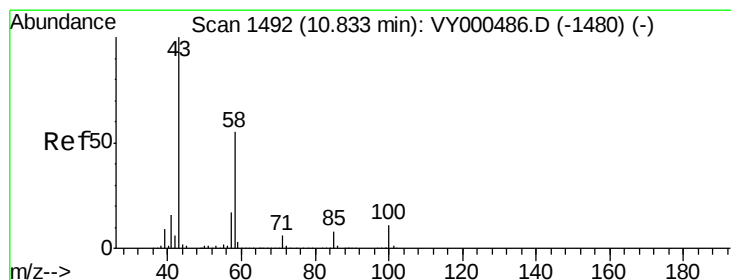
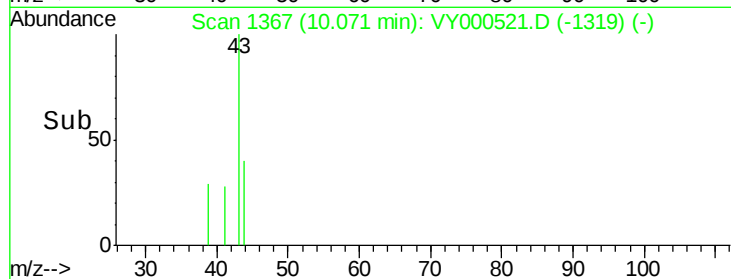
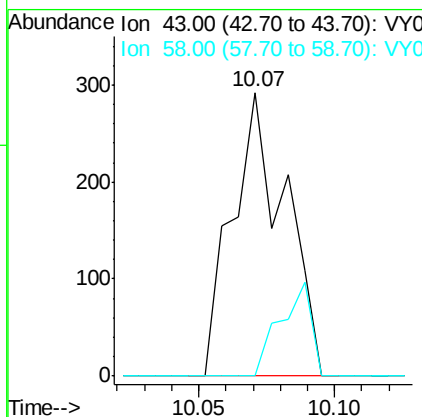
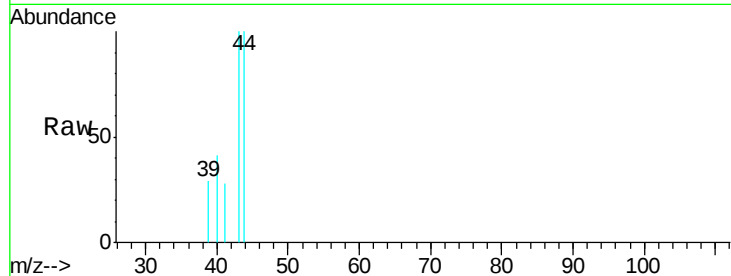




#51
 4-Methyl-2-Pentanone
 Concen: 8.807 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

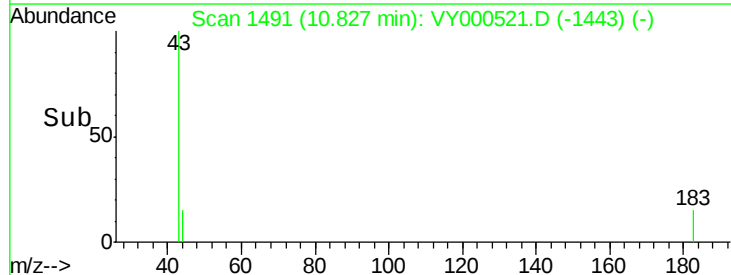
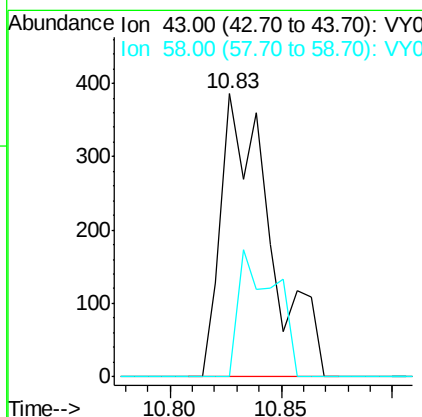
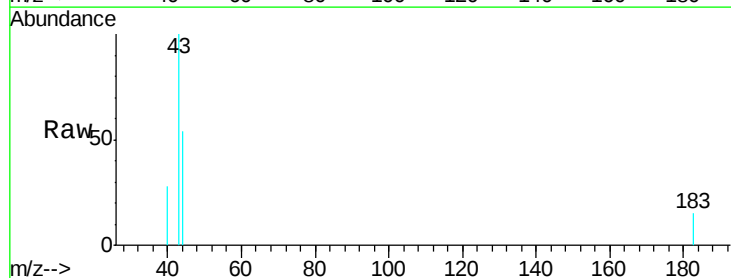
Instrument :
 MSVOA_Y
 ClientSampled :
 3465RE

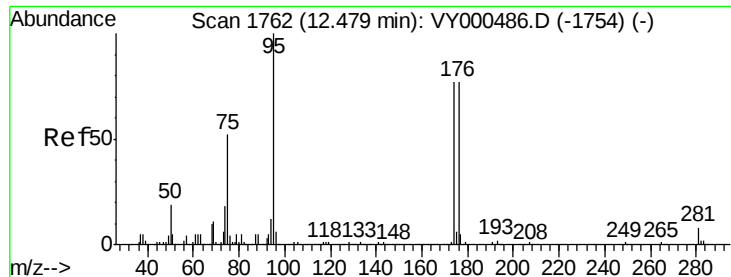
Tgt Ion: 43 Resp: 395
 Ion Ratio Lower Upper
 43 100
 58 19.2 30.2 45.4#



#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

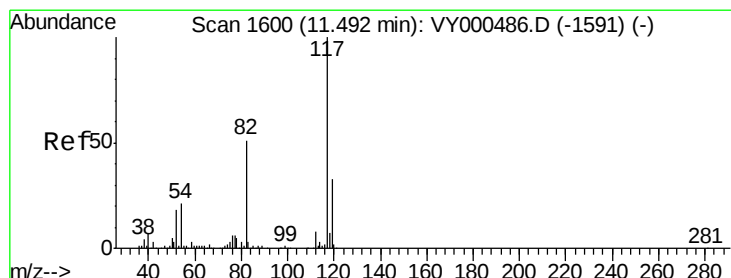
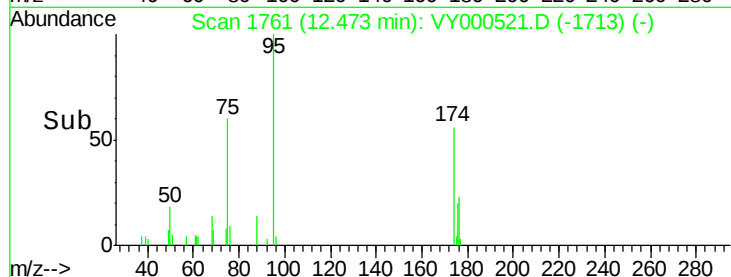
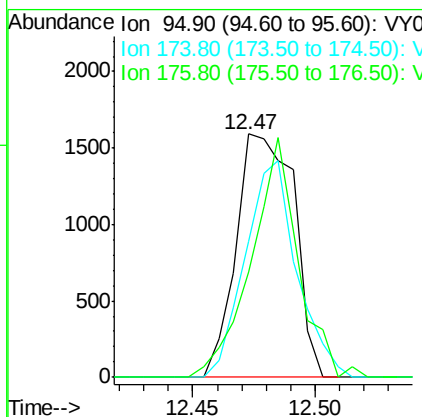
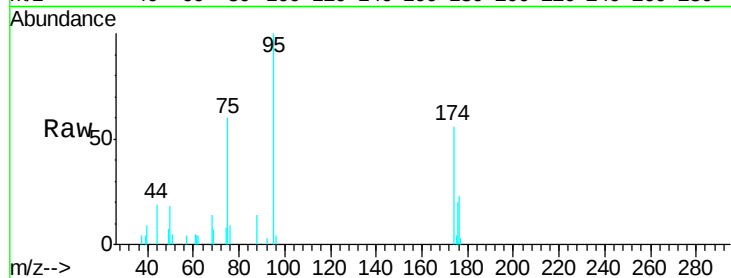




#62
4-Bromofluorobenzene
Concen: 38.643 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

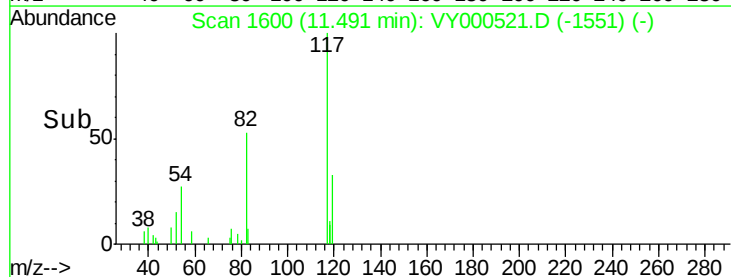
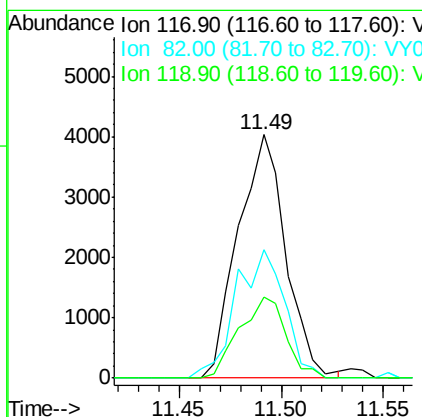
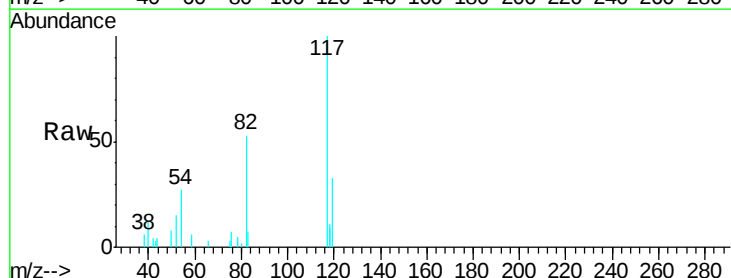
Instrument :
MSVOA_Y
ClientSampleId :
3465RE

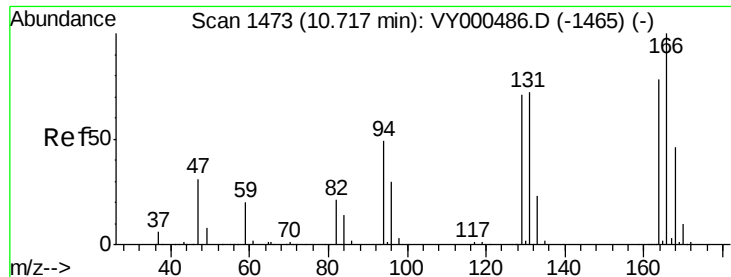
Tgt Ion: 95 Resp: 2622
Ion Ratio Lower Upper
95 100
174 79.4 0.0 161.6
176 79.7 0.0 157.8



#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





#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 :

3465RE

Tgt Ion:164 Resp: 74

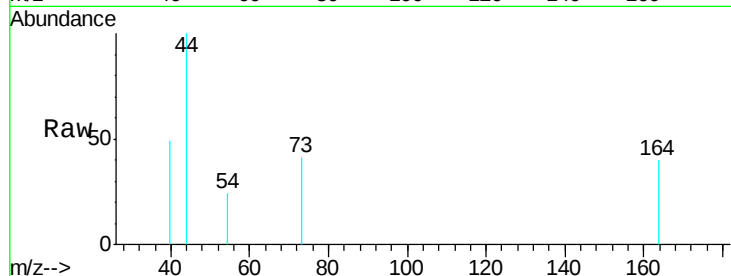
Ion Ratio Lower Upper

164 100

166 0.0 102.7 154.1#

129 0.0 73.2 109.8#

131 0.0 74.2 111.2#



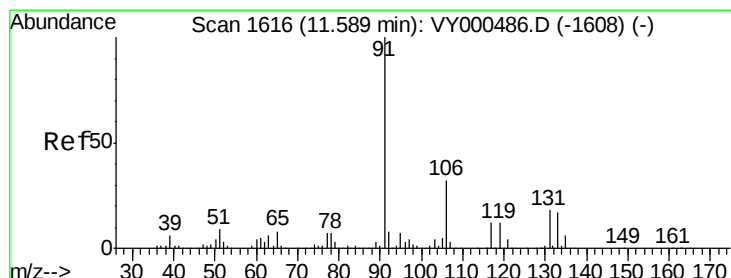
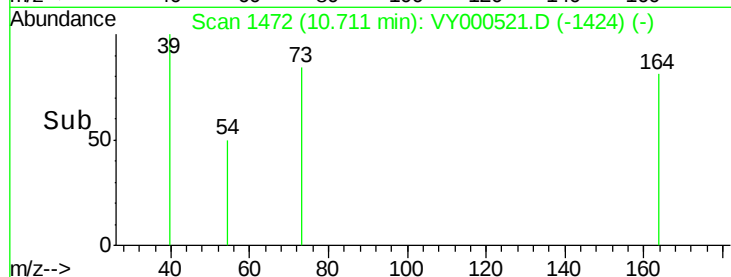
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time--> 10.68 10.70 10.72 10.74



#67

Ethyl Benzene

Concen: 1.329 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000521.D

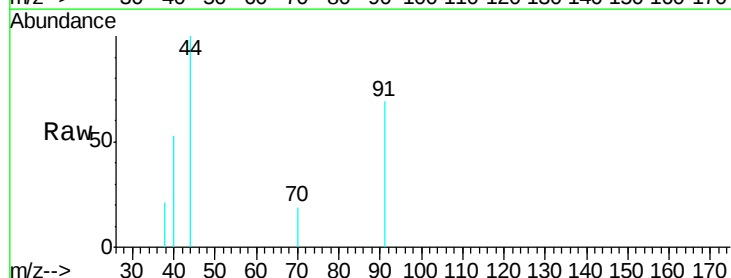
Acq: 01 Nov 2019 12:50

Tgt Ion: 91 Resp: 325

Ion Ratio Lower Upper

91 100

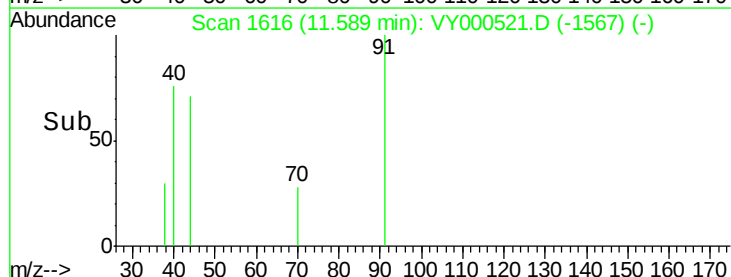
106 0.0 25.4 38.0#

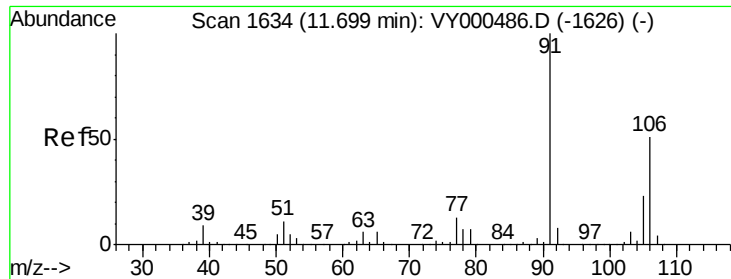


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

Time--> 11.56 11.58 11.60 11.62

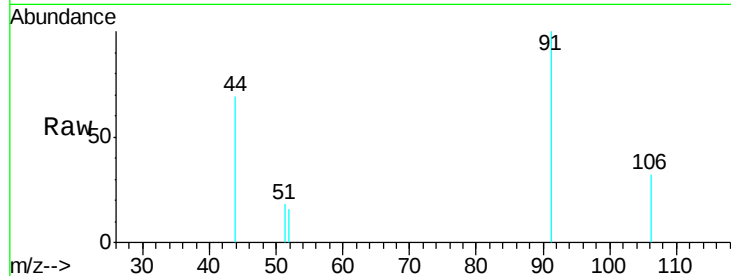




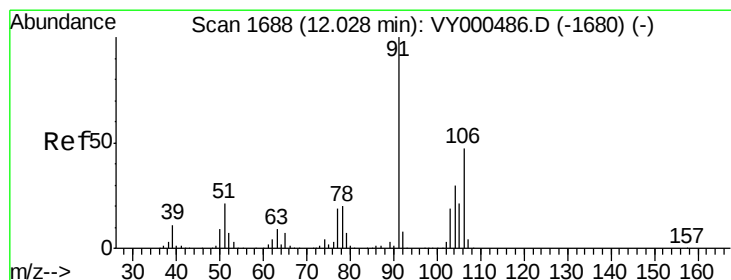
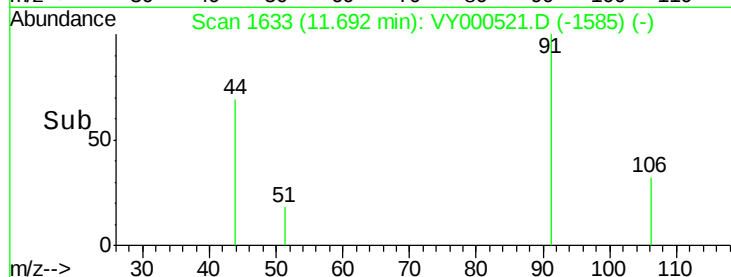
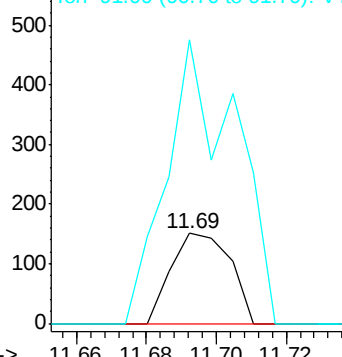
#68
m/p-Xylenes
Concen: 1.870 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

Instrument :
MSVOA_Y
ClientSampled :
3465RE

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

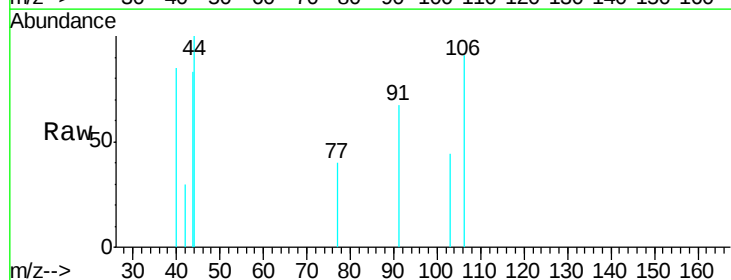


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

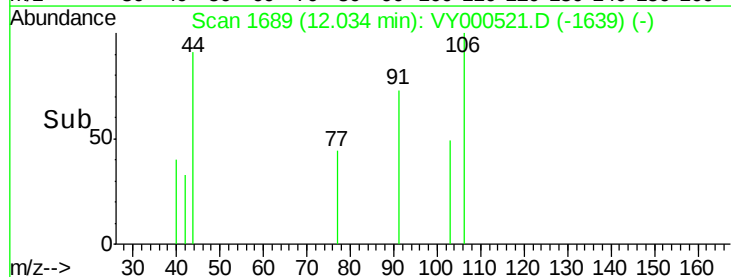
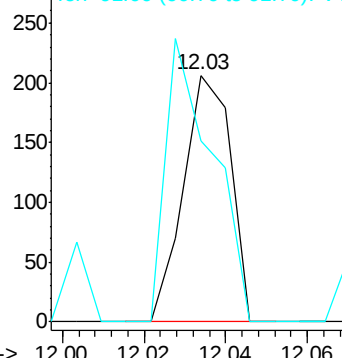


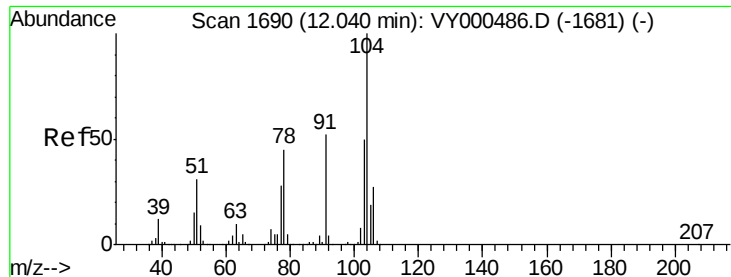
#69
o-Xylene
Concen: 1.866 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

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

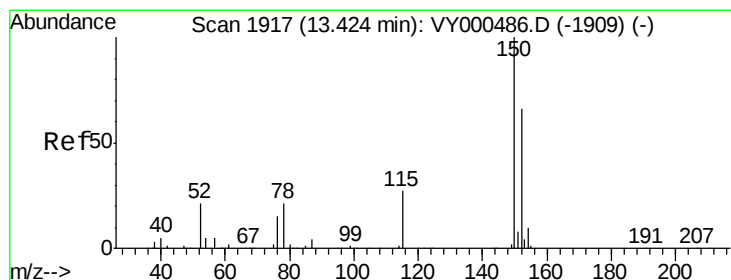
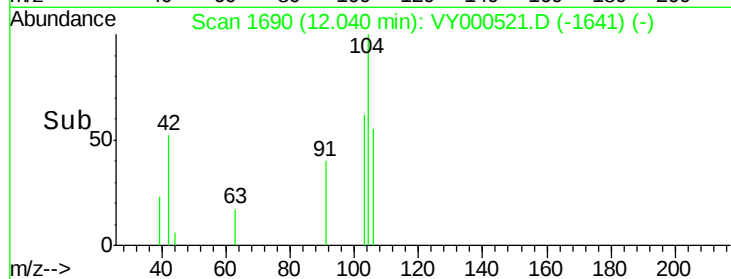
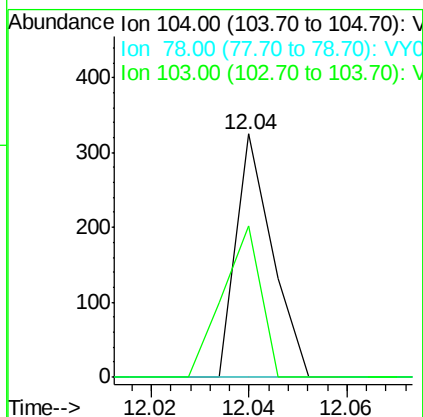
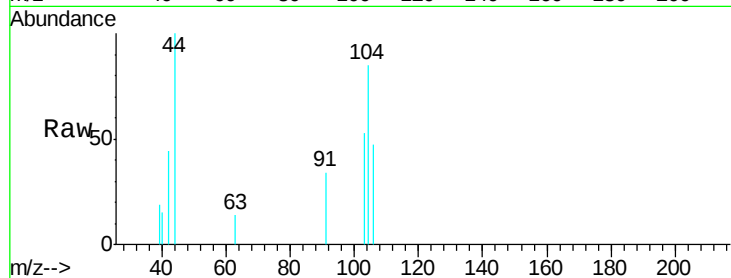




#70
Styrene
Concen: 1.096 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

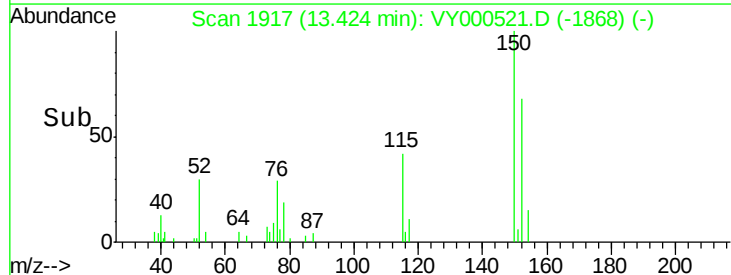
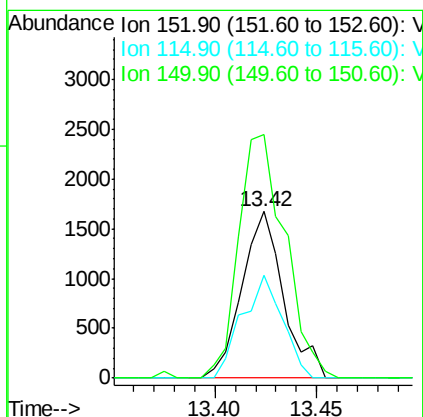
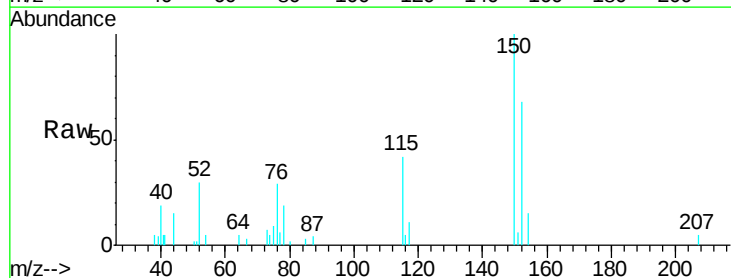
Instrument :
MSVOA_Y
ClientSampled :
3465RE

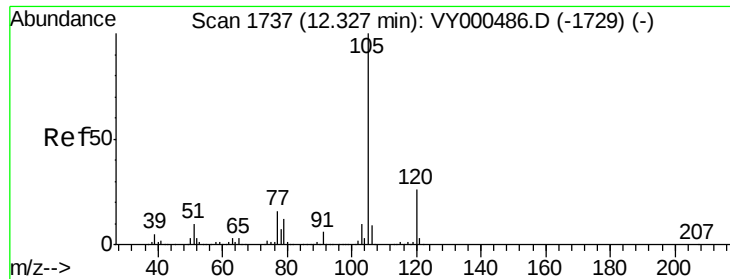
Tgt Ion:104 Resp: 167
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 65.9 42.5 63.7#



#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 :

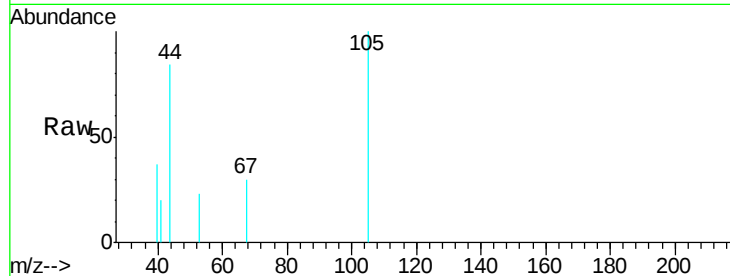
3465RE

Tgt Ion: 105 Resp: 489

Ion Ratio Lower Upper

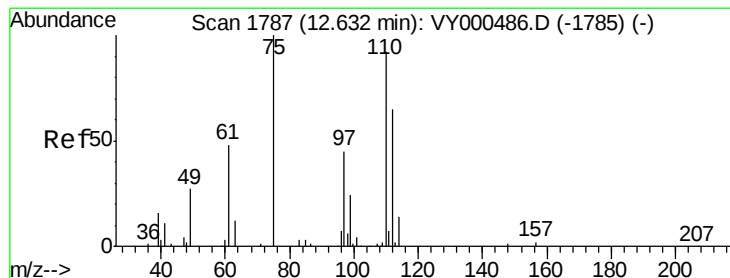
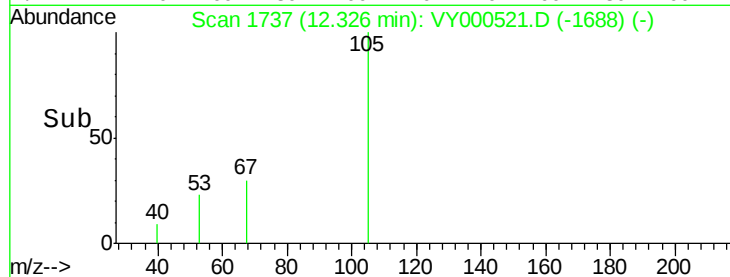
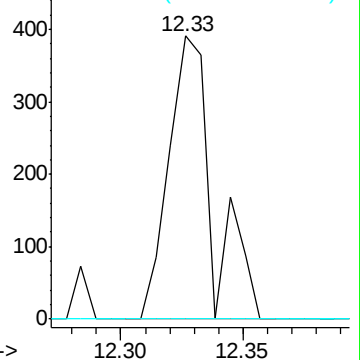
105 100

120 0.0 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

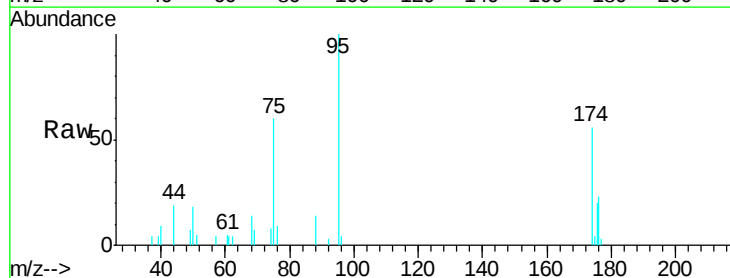
Acq: 01 Nov 2019 12:50

Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

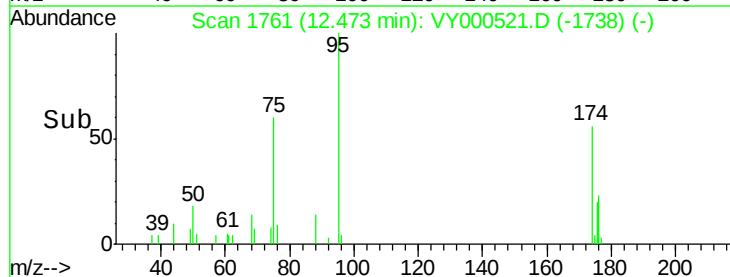
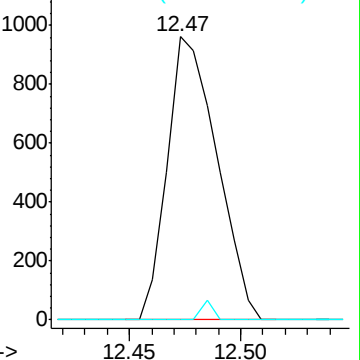
75 100

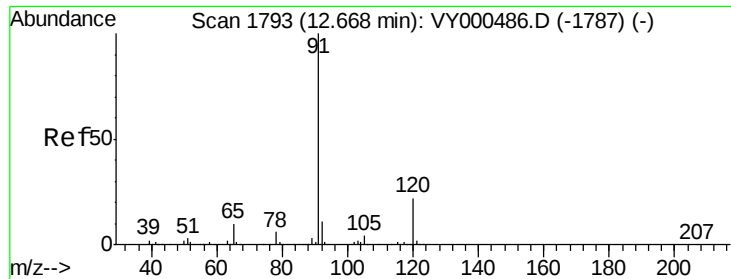
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

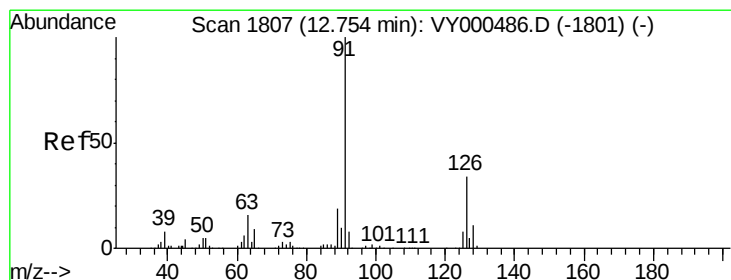
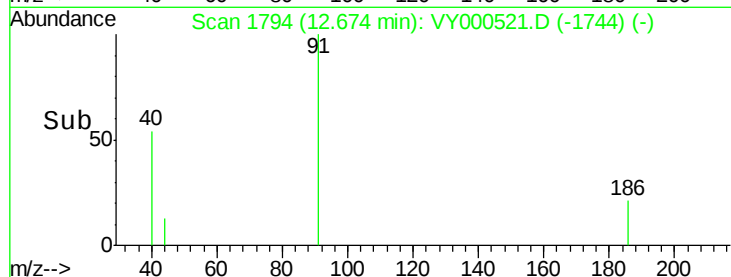
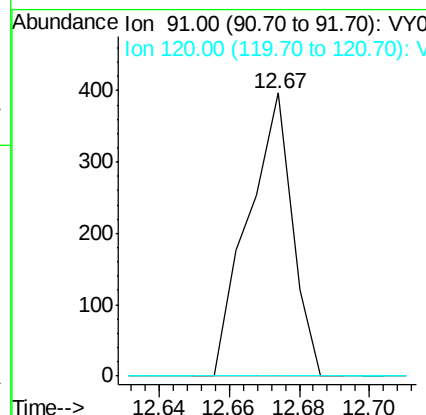
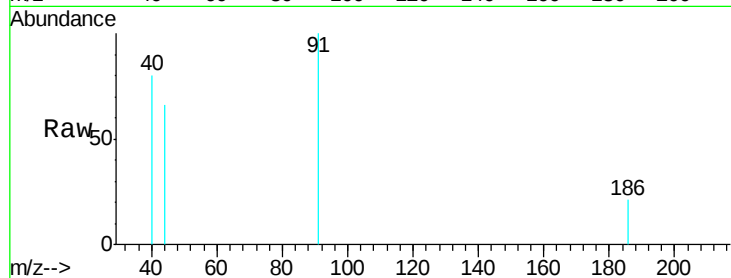




#78
n-propylbenzene
Concen: 1.636 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

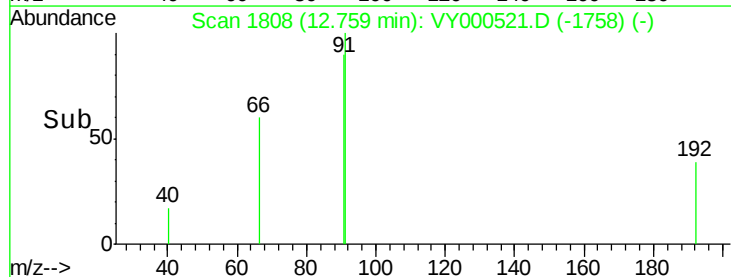
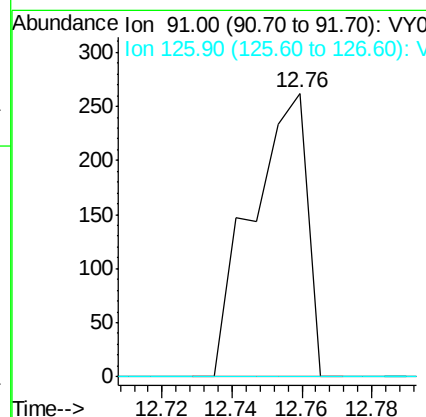
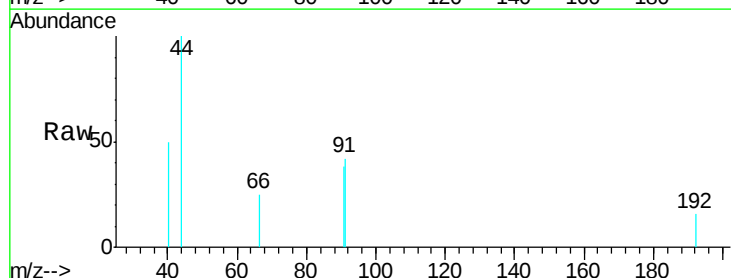
Instrument :
MSVOA_Y
ClientSampled :
3465RE

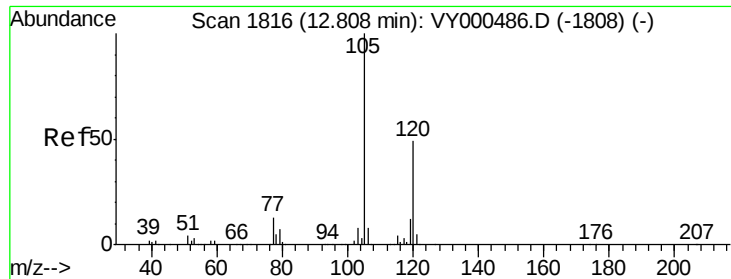
Tgt Ion: 91 Resp: 347
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.1#



#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#





#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 :

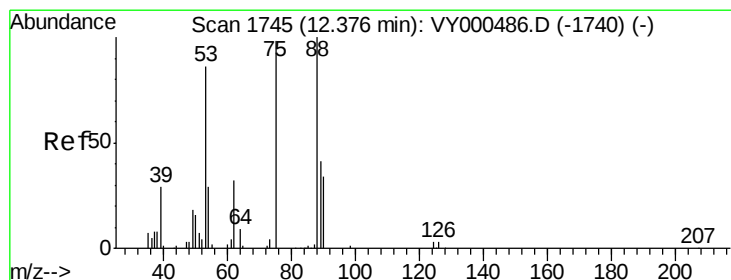
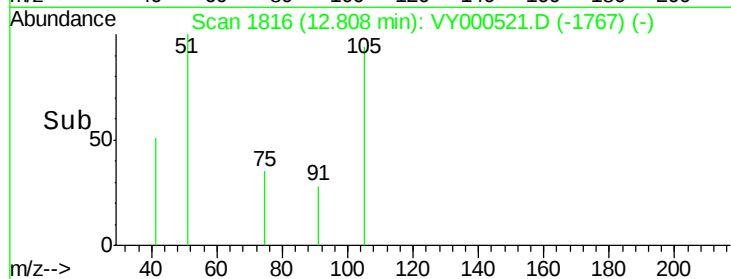
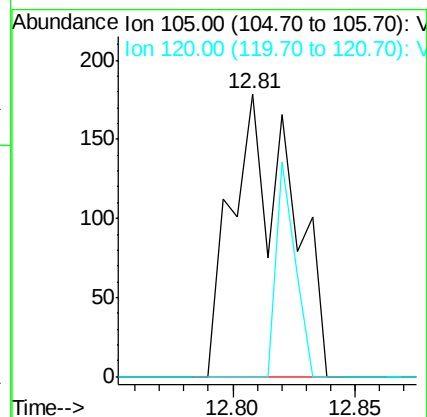
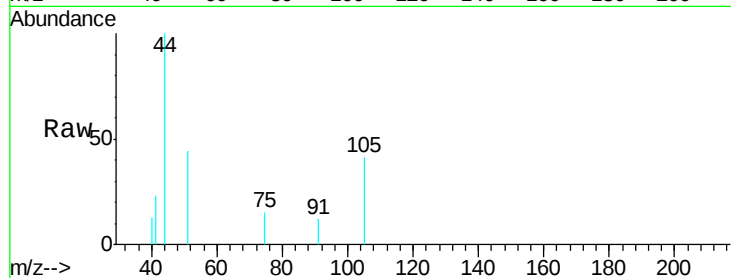
3465RE

Tgt Ion: 105 Resp: 297

Ion Ratio Lower Upper

105 100

120 24.6 24.9 74.8#



#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

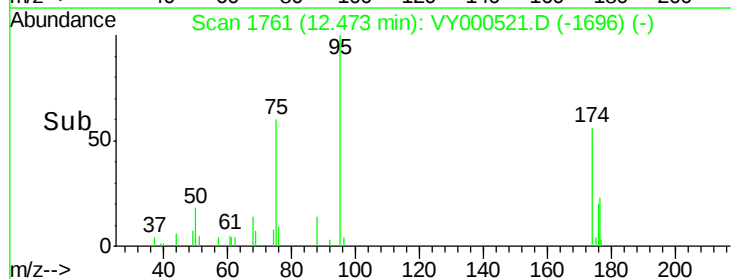
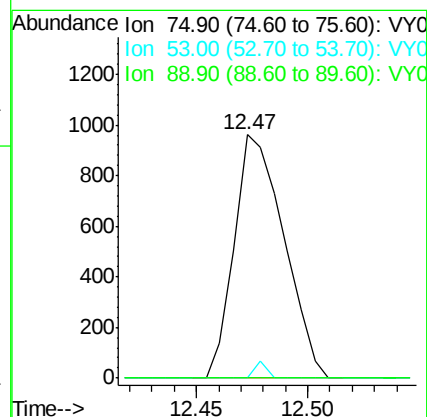
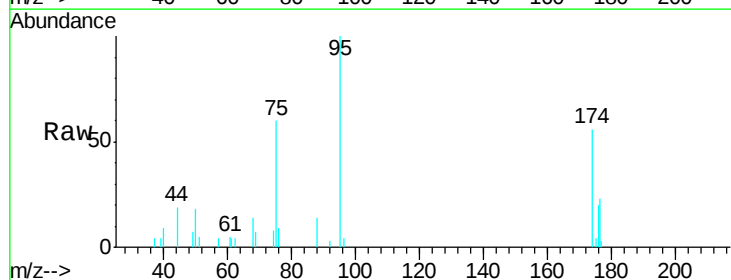
Tgt Ion: 75 Resp: 1493

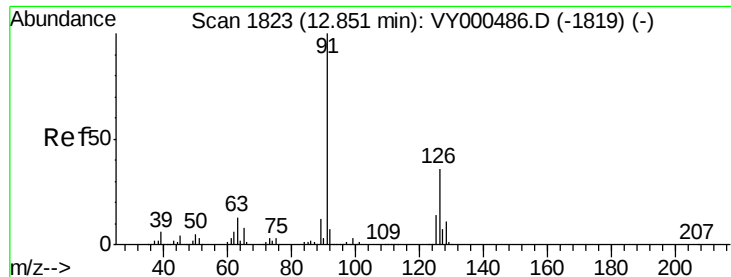
Ion Ratio Lower Upper

75 100

53 1.7 73.2 109.8#

89 0.0 35.9 53.9#





#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 :

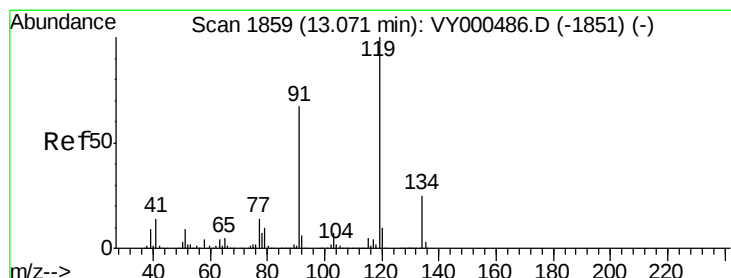
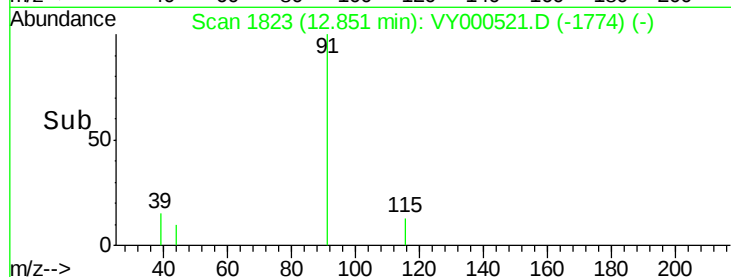
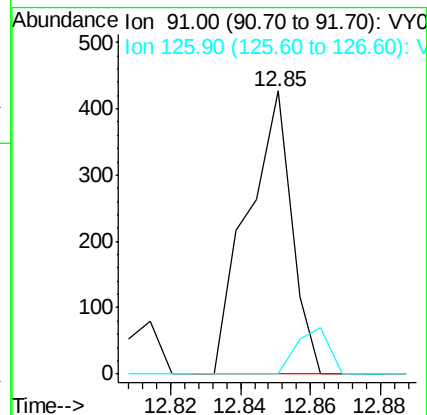
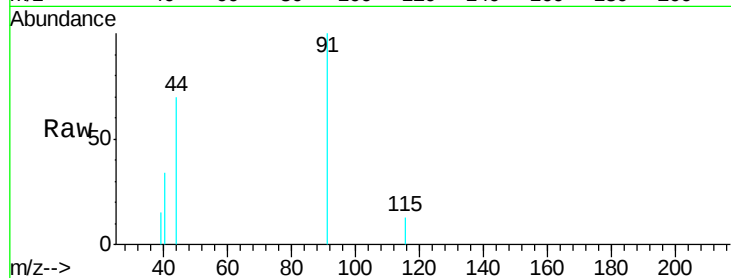
3465RE

Tgt Ion: 91 Resp: 374

Ion Ratio Lower Upper

91 100

126 12.0 17.6 52.9#



#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

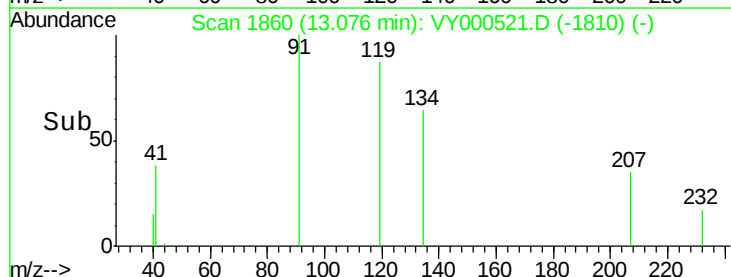
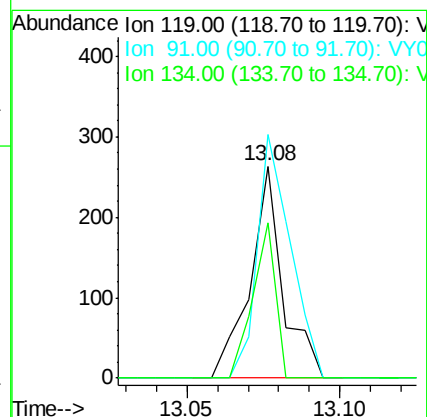
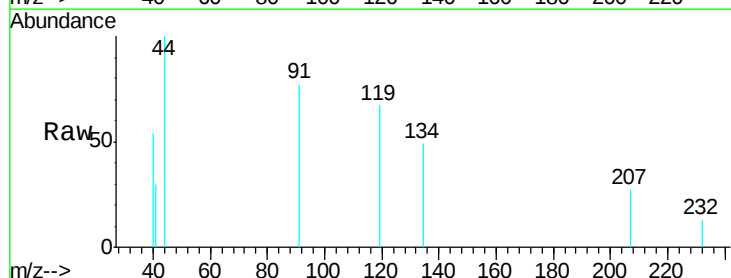
Tgt Ion: 119 Resp: 195

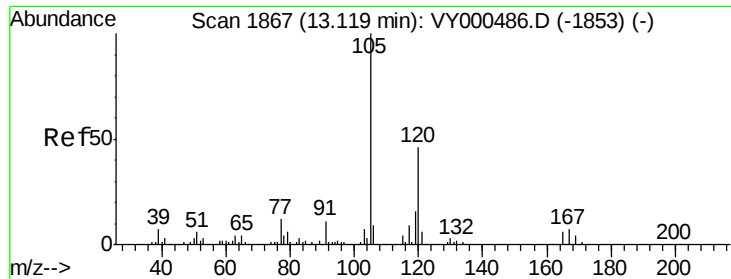
Ion Ratio Lower Upper

119 100

91 117.9 32.1 96.3#

134 50.8 13.2 39.5#

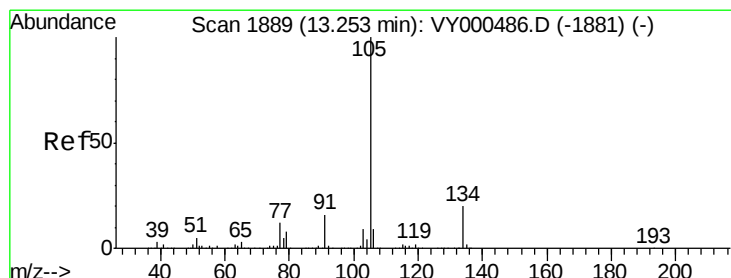
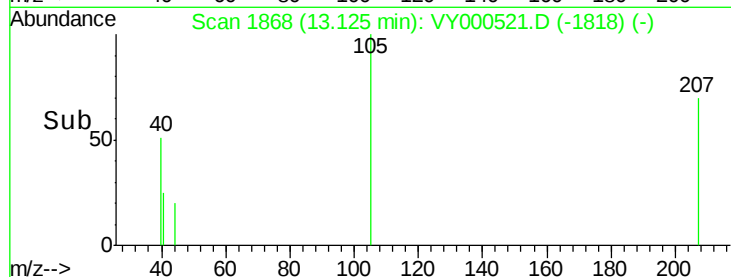
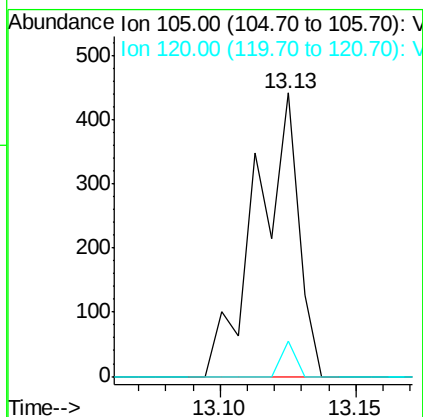
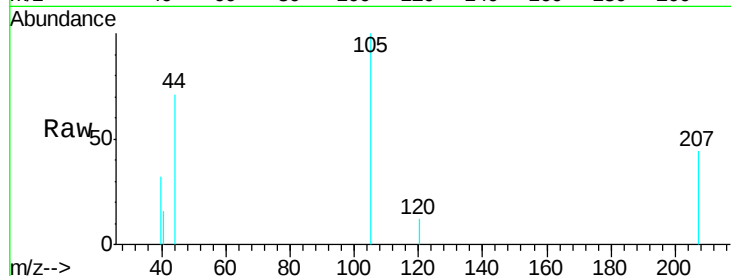




#84
 1,2,4-Trimethylbenzene
 Concen: 3.252 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

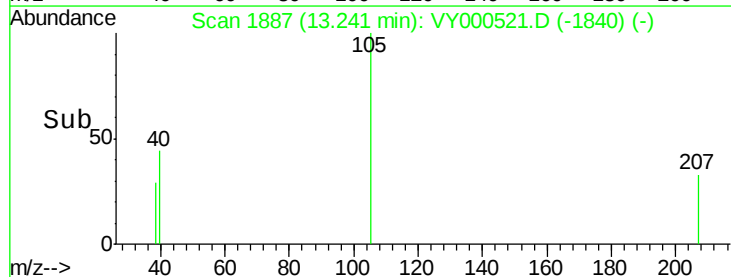
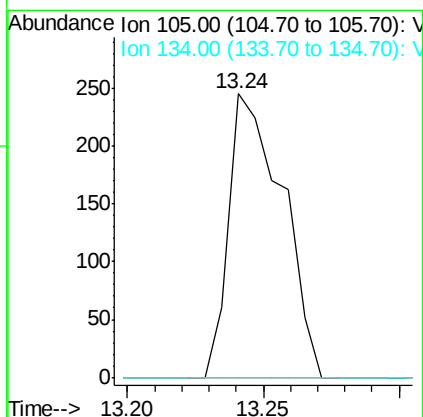
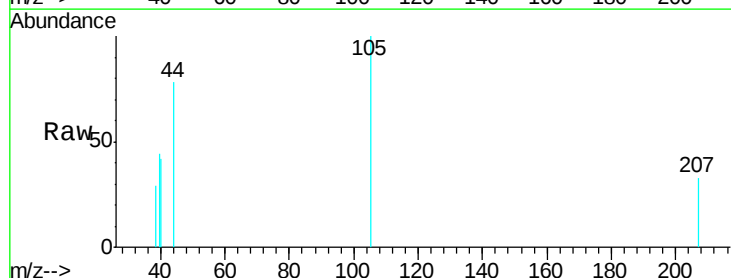
Instrument :
 MSVOA_Y
 ClientSampleId :
 3465RE

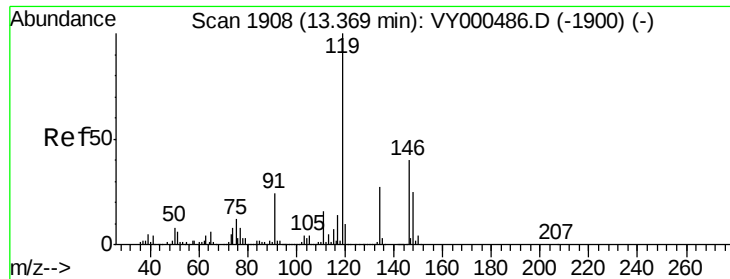
Tgt Ion:105 Resp: 474
 Ion Ratio Lower Upper
 105 100
 120 4.2 23.3 69.9#



#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#

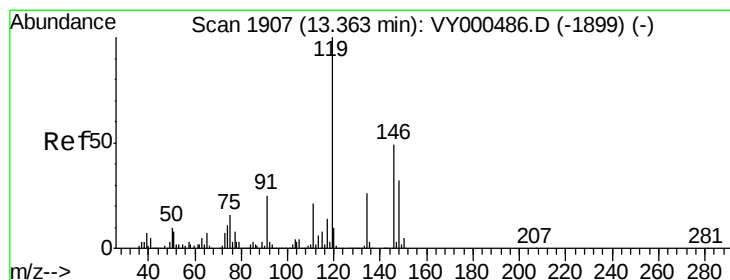
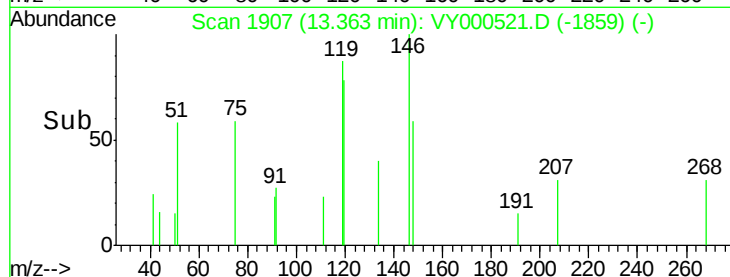
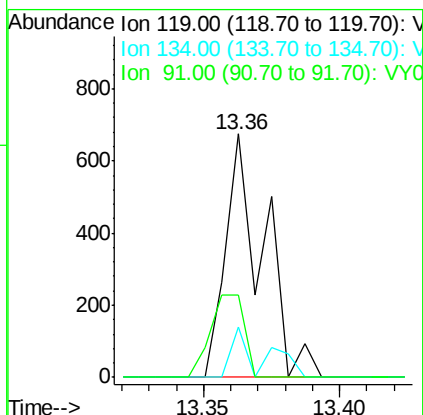
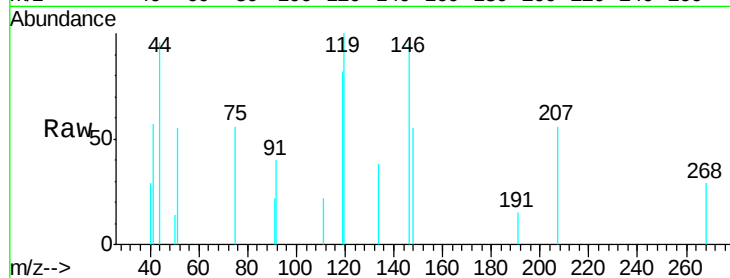




#86
p-Isopropyltoluene
Concen: 4.058 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000521.D
Acq: 01 Nov 2019 12:50

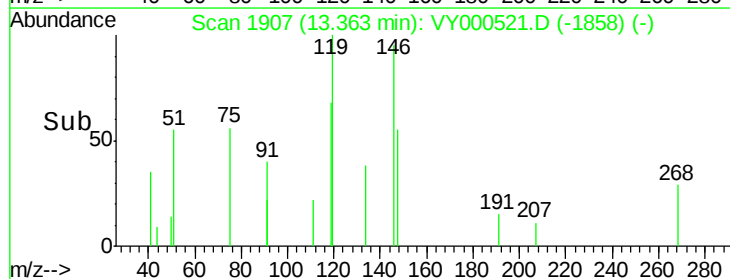
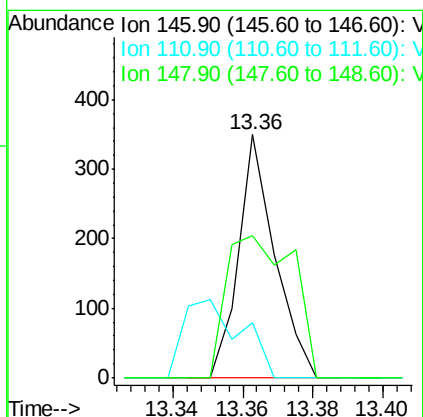
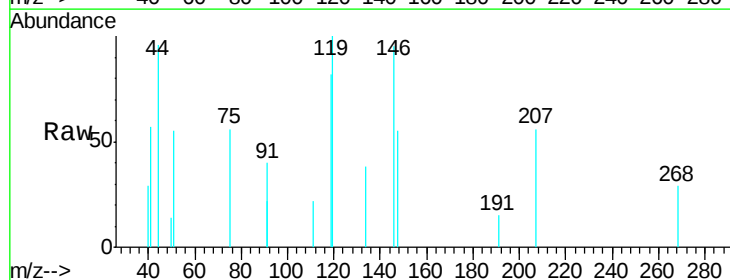
Instrument :
MSVOA_Y
ClientSampleId :
3465RE

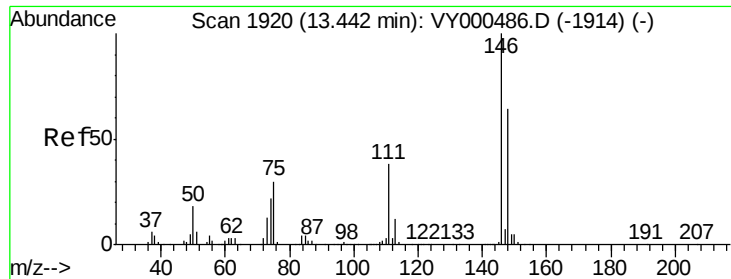
Tgt Ion:119 Resp: 644
Ion Ratio Lower Upper
119 100
134 16.3 13.6 40.8
91 30.6 12.0 36.1



#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#





#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 :

3465RE

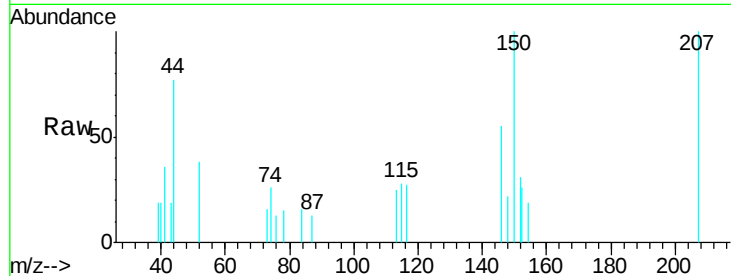
Tgt Ion: 146 Resp: 212

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

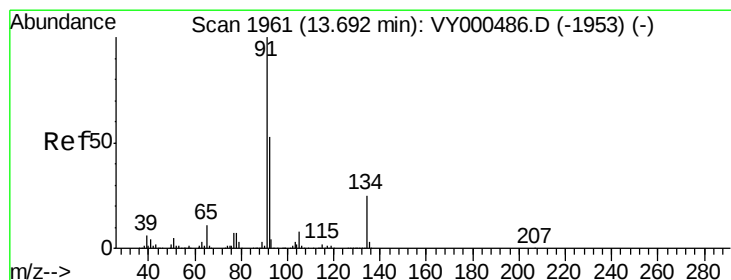
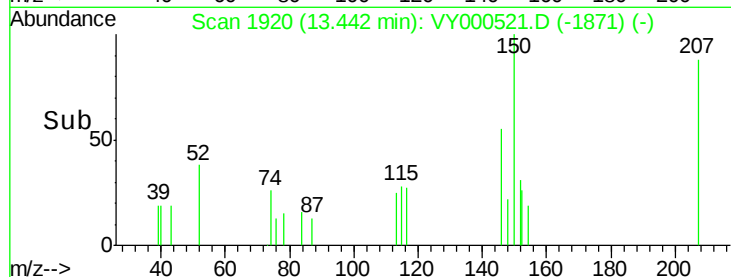
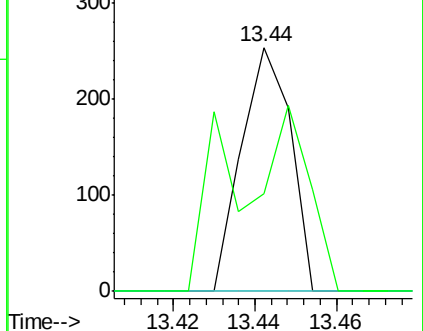
148 115.1 31.9 95.7#



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

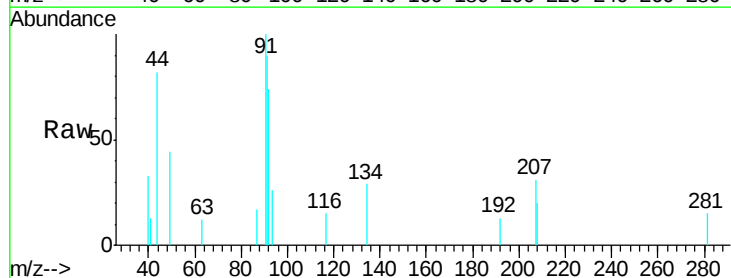
Tgt Ion: 91 Resp: 571

Ion Ratio Lower Upper

91 100

92 39.4 26.8 80.3

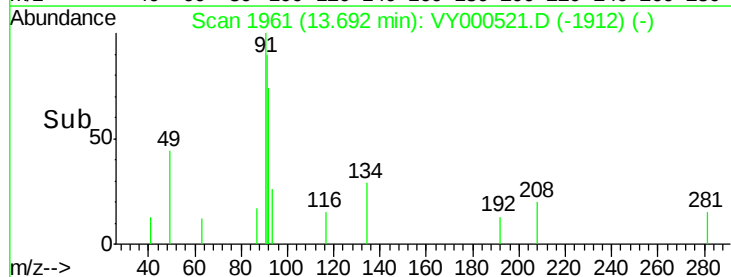
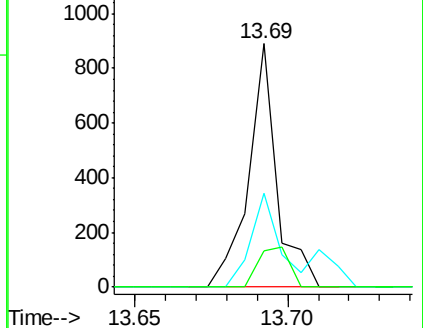
134 17.9 12.9 38.7

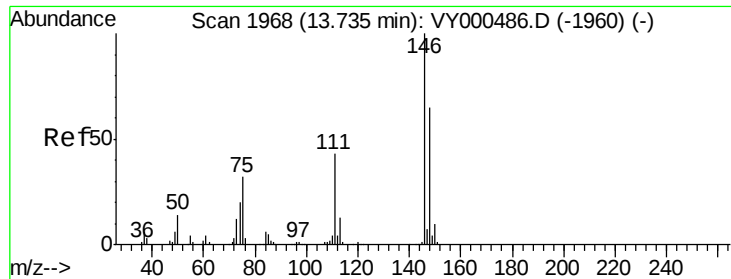


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V

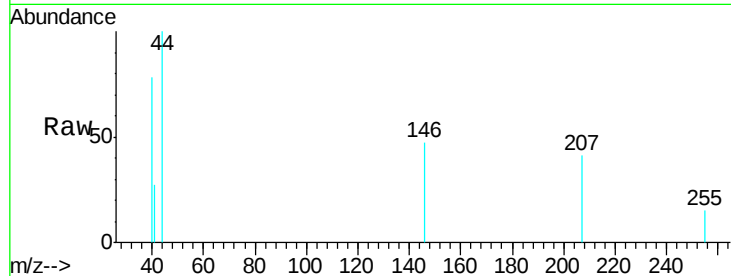




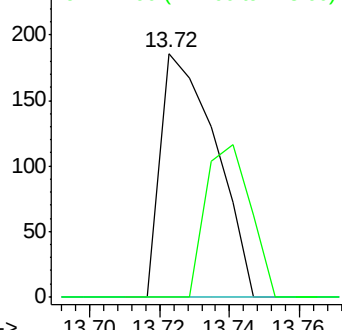
#91
 1,2-Dichlorobenzene
 Concen: 2.866 ug/l
 RT: 13.72 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 3465RE

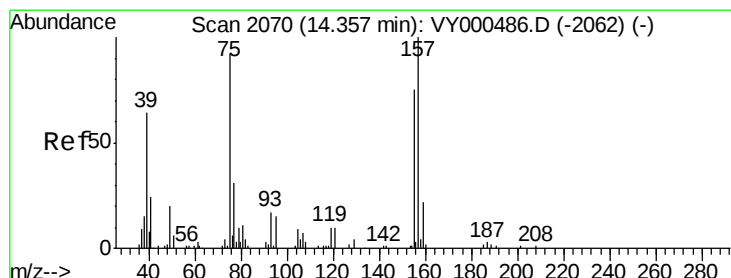
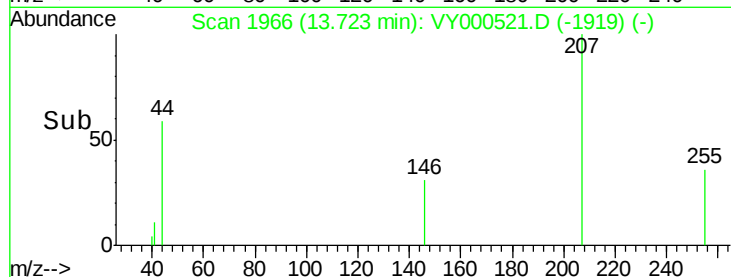
Tgt Ion: 146 Resp: 203
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.5 61.5#
 148 50.7 31.7 95.1



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

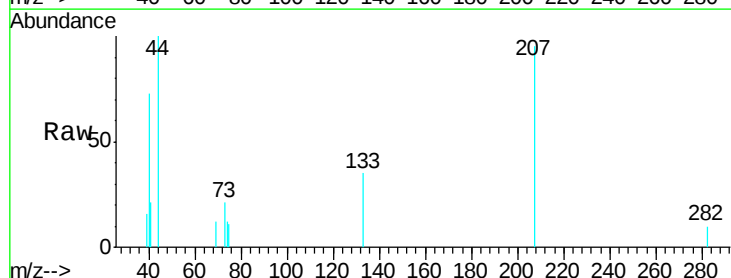


Time-->

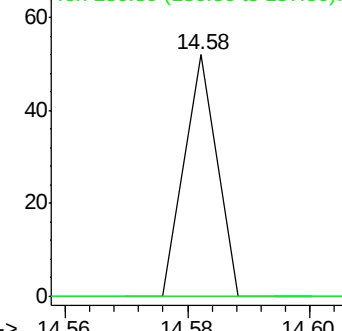


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.085 ug/l
 RT: 14.58 min Scan# 2107
 Delta R.T. 0.23 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

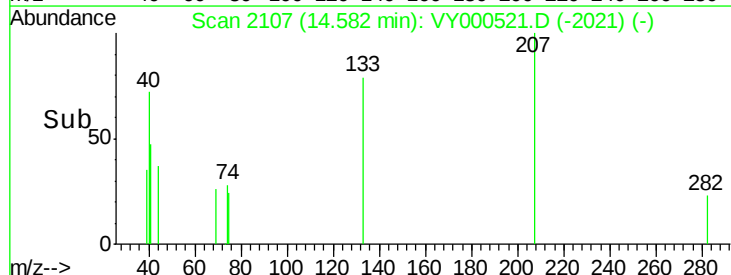
Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 55.1 165.3#

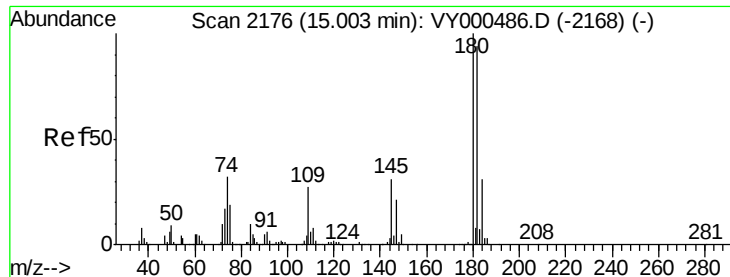


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time-->

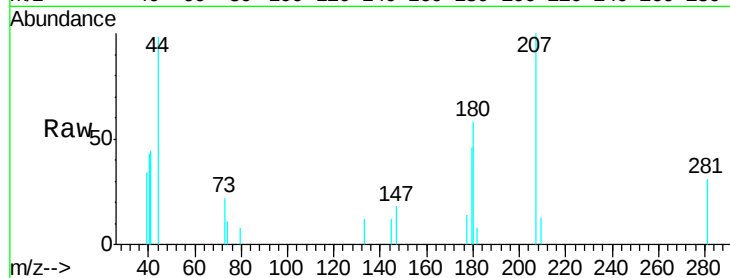




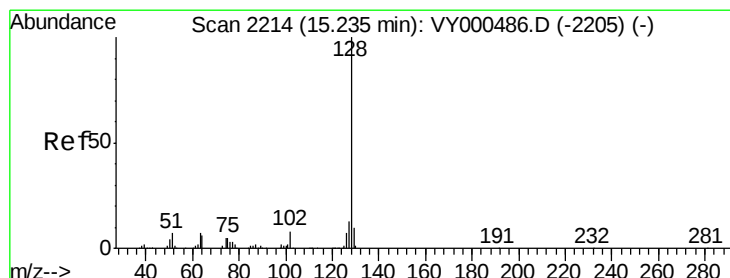
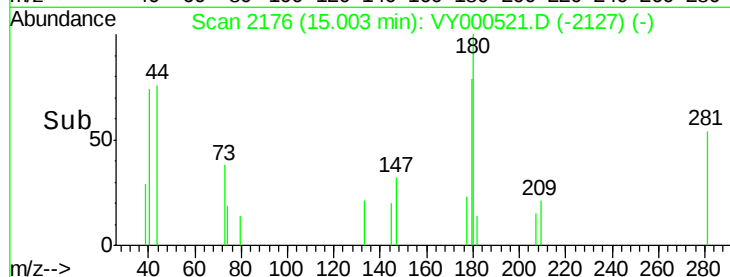
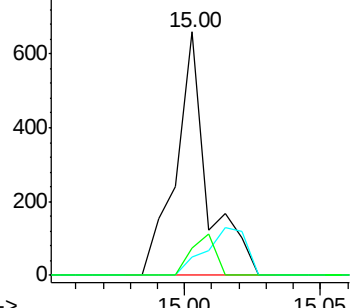
#93
 1,2,4-Trichlorobenzene
 Concen: 10.948 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Instrument :
 MSVOA_Y
 ClientSampled :
 3465RE

Tgt Ion:180 Resp: 528
 Ion Ratio Lower Upper
 180 100
 182 25.4 47.8 143.4#
 145 12.9 16.0 47.9#

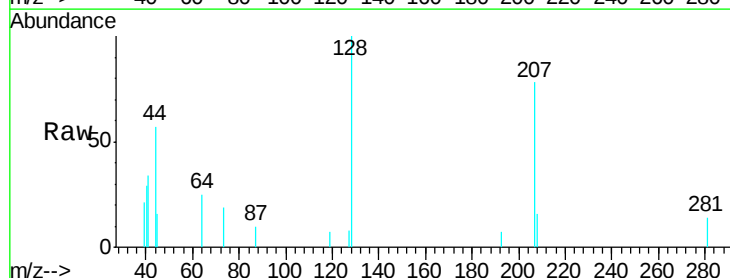


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

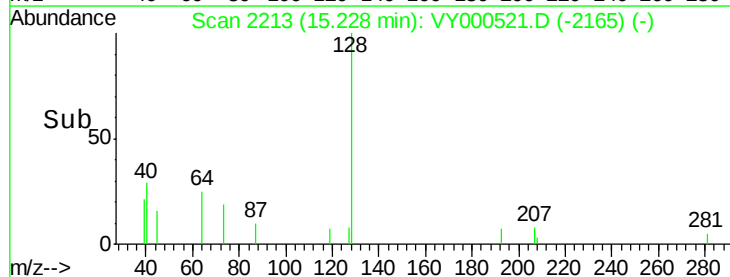
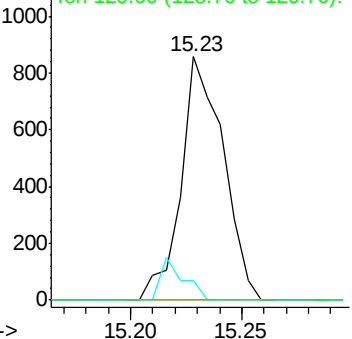


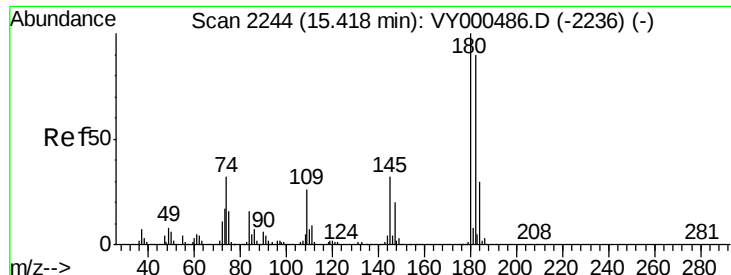
#95
 Naphthalene
 Concen: 10.592 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY000521.D
 Acq: 01 Nov 2019 12:50

Tgt Ion:128 Resp: 1134
 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 :
 3465RE

Tgt Ion:180 Resp: 408
 Ion Ratio Lower Upper
 180 100
 182 113.0 47.4 142.3
 145 6.4 15.7 47.0#

