

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000721.D
 Acq On : 18 Nov 2019 13:07
 Operator : SY/MD
 Sample : K5861-18
 Misc : 4.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-15

Quant Time: Nov 18 13:31:17 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	10775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	20549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	18464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	7855	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	8590	77.04	ug/l	0.00
Spiked Amount			Recovery	=	154.08%	
35) Dibromofluoromethane	7.72	113	5030	41.70	ug/l	-0.01
Spiked Amount			Recovery	=	83.40%	
50) Toluene-d8	10.18	98	24611	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.49	95	7894	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	505	3.456	ug/l #	78
5) Bromomethane	2.66	94	283	3.478	ug/l #	74
11) Tert butyl alcohol	4.97	59	31	2.856	ug/l #	72
13) Acrolein	3.68	56	19	2.010	ug/l #	14
15) Acrylonitrile	5.19	53	55	1.649	ug/l #	18
16) Acetone	3.96	43	1082	35.207	ug/l #	42
20) Methylene Chloride	4.72	84	409	3.106	ug/l #	64
25) 2-Butanone	7.00	43	242	4.934	ug/l #	49
28) Bromochloromethane	7.27	49	20	4.288	ug/l #	14
29) Tetrahydrofuran	7.38	42	89	2.966	ug/l #	54
36) 1,1-Dichloropropene	7.80	75	1006	5.179	ug/l #	53
38) Carbon Tetrachloride	7.82	117	463	2.477	ug/l #	11
49) 1,4-Dioxane	9.29	88	48	46.265	ug/l #	27
51) 4-Methyl-2-Pentanone	10.08	43	829	7.197	ug/l #	83
56) Ethyl methacrylate	10.50	69	164	1.038	ug/l #	38
59) 2-Hexanone	10.83	43	751	8.948	ug/l	70
64) Tetrachloroethene	10.72	164	196	1.284	ug/l #	34
68) m/p-Xylenes	11.70	106	427	1.601	ug/l	76
74) N-amyl acetate	12.14	43	496	2.983	ug/l #	74
76) 1,2,3-Trichloropropane	12.48	75	4409	49.296	ug/l #	100
79) 2-Chlorotoluene	12.76	91	503	1.293	ug/l #	70
81) trans-1,4-Dichloro-2-buten	12.48	75	4409	110.527	ug/l #	13
82) 4-Chlorotoluene	12.76	91	503	1.248	ug/l	70
83) tert-Butylbenzene	13.07	119	506	1.226	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.12	105	542	1.126	ug/l #	62
86) p-Isopropyltoluene	13.36	119	731	1.394	ug/l	86
87) 1,3-Dichlorobenzene	13.36	146	329	1.276	ug/l #	49
88) 1,4-Dichlorobenzene	13.44	146	646	2.507	ug/l #	54
89) n-Butylbenzene	13.70	91	1028	1.988	ug/l #	75
91) 1,2-Dichlorobenzene	13.73	146	480	2.052	ug/l #	53
92) 1,2-Dibromo-3-Chloropropan	14.37	75	49	2.409	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	180	765	4.802	ug/l	68
94) Hexachlorobutadiene	15.11	225	178	2.168	ug/l #	45
95) Naphthalene	15.22	128	2251	6.365	ug/l #	79

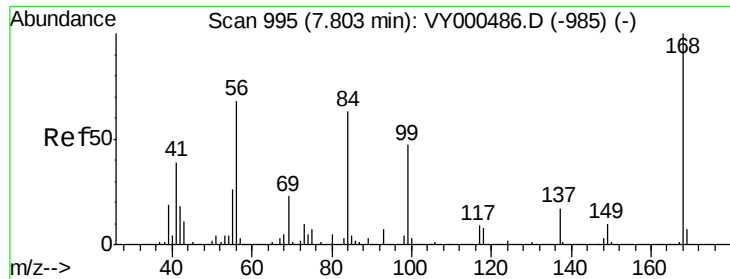
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000721.D
Acq On : 18 Nov 2019 13:07
Operator : SY/MD
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Quant Time: Nov 18 13:31:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.44	180	719	5.031	ug/l	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampleId :

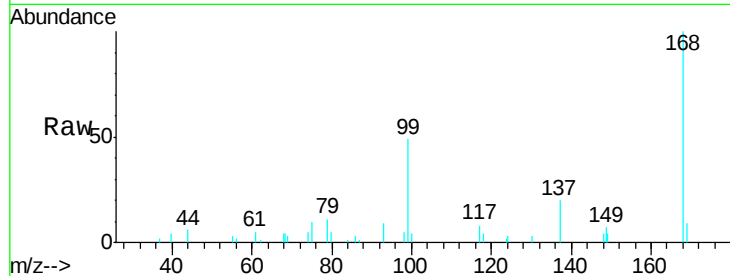
EP-15

Tgt Ion:168 Resp: 10775

Ion Ratio Lower Upper

168 100

99 48.8 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

6000

5000

4000

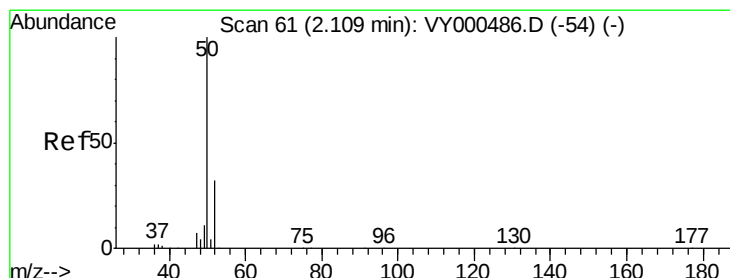
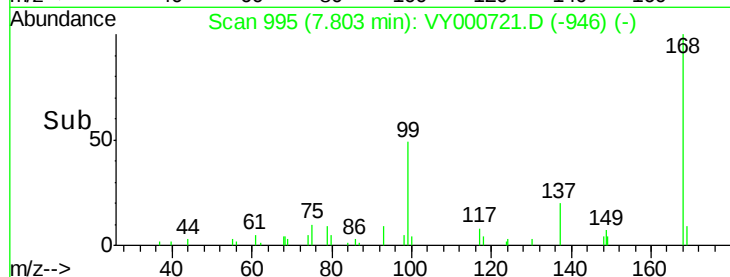
3000

2000

1000

0

Time--> 7.70 7.75 7.80 7.85



#3

Chloromethane

Concen: 3.456 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000721.D

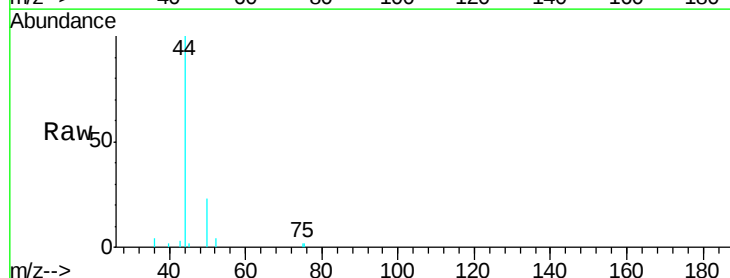
Acq: 18 Nov 2019 13:07

Tgt Ion: 50 Resp: 505

Ion Ratio Lower Upper

50 100

52 19.3 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) (-)

2.11

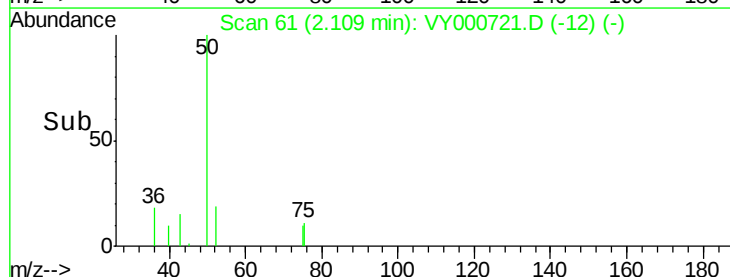
600

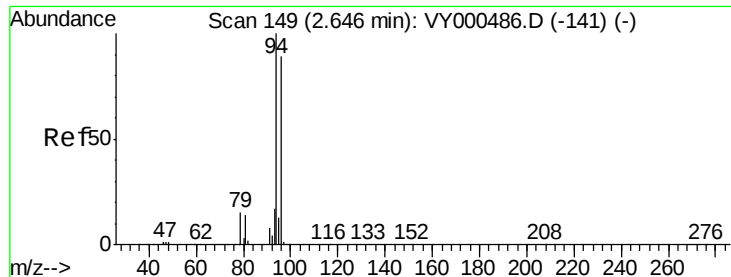
400

200

0

Time--> 2.08 2.10 2.12 2.14





#5

Bromomethane

Concen: 3.478 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

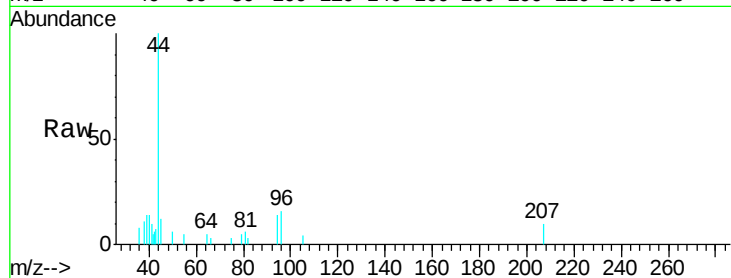
EP-15

Tgt Ion: 94 Resp: 283

Ion Ratio Lower Upper

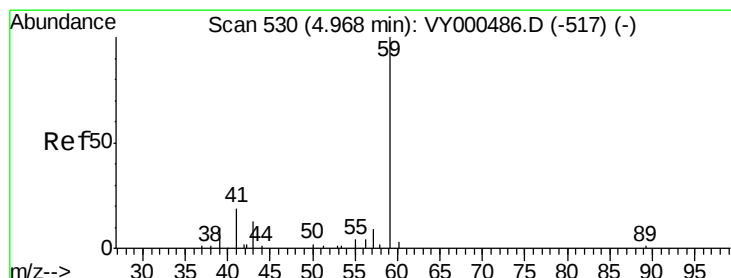
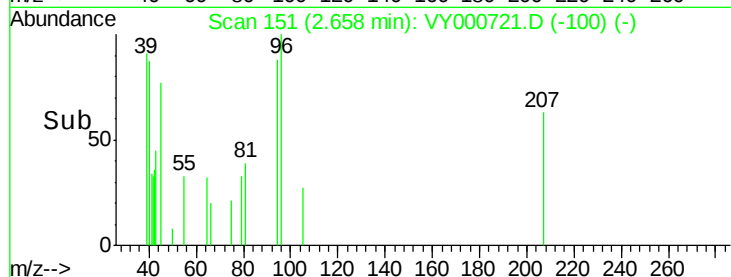
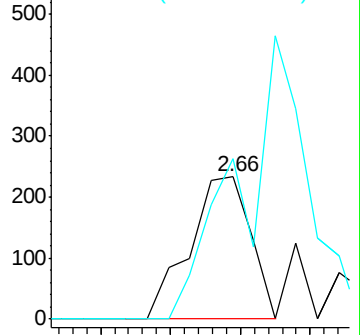
94 100

96 113.3 71.2 106.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#11

Tert butyl alcohol

Concen: 2.856 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000721.D

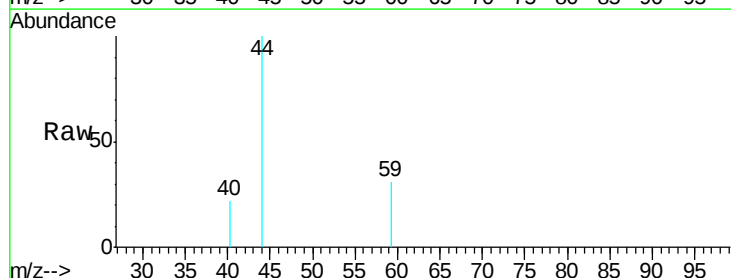
Acq: 18 Nov 2019 13:07

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

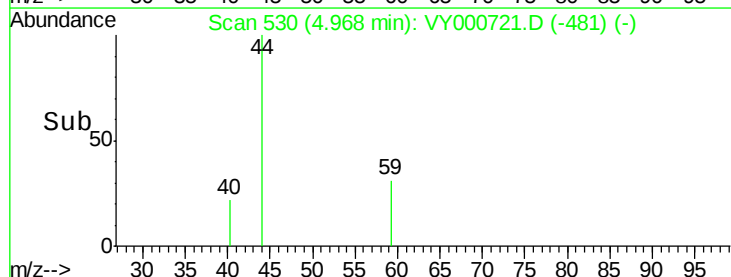
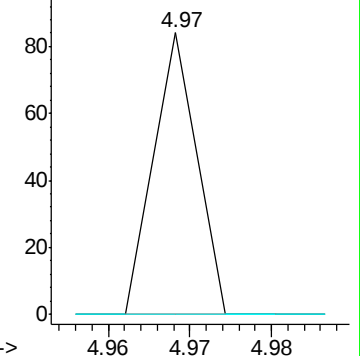
59 100

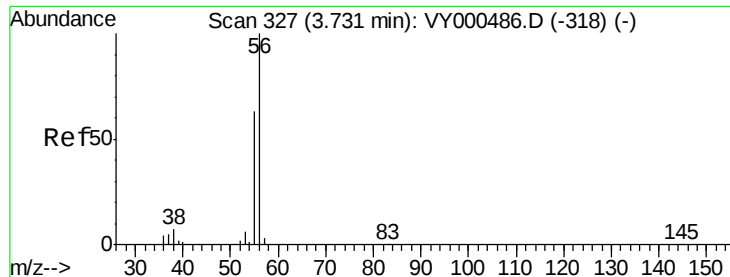
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#13

Acrolein

Concen: 2.010 ug/l

RT: 3.68 min Scan# 318

Delta R.T. -0.05 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampleId :

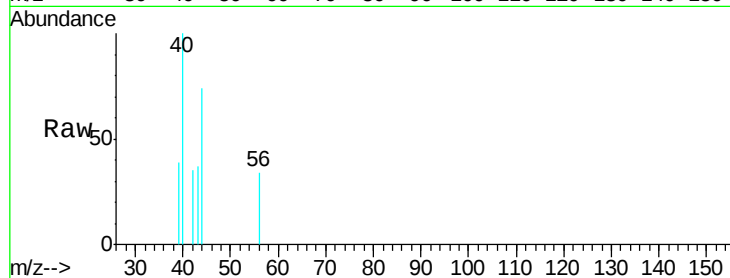
EP-15

Tgt Ion: 56 Resp: 19

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

3.68

60

50

40

30

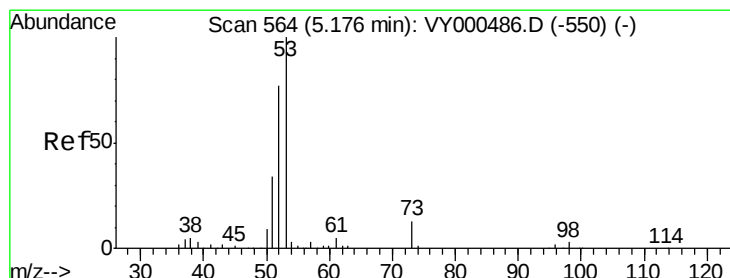
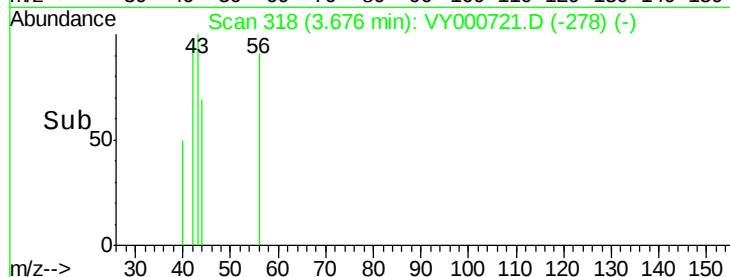
20

10

0

3.66 3.67 3.68 3.69

Time-->



#15

Acrylonitrile

Concen: 1.649 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

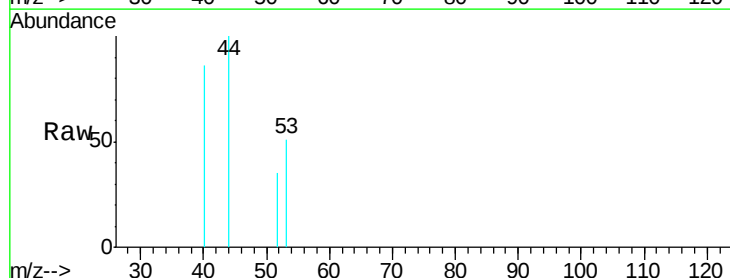
Tgt Ion: 53 Resp: 55

Ion Ratio Lower Upper

53 100

52 0.0 64.9 97.3#

51 0.0 27.6 41.4#



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0

300

250

200

150

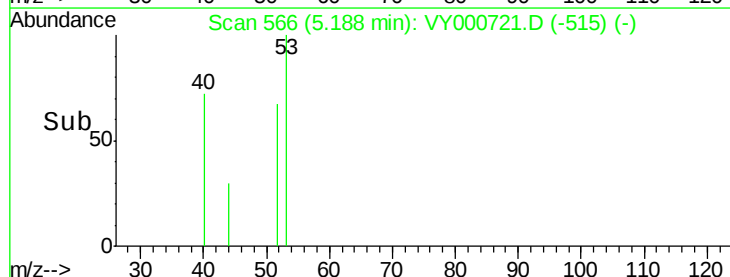
100

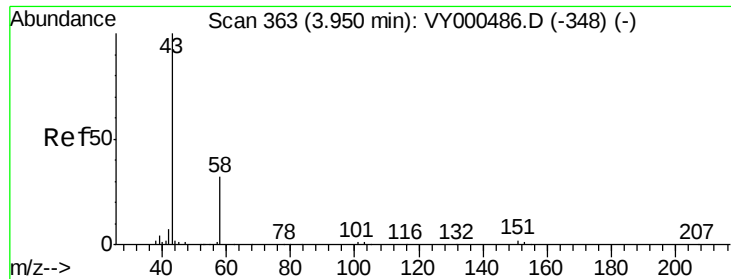
50

0

5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 35.207 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

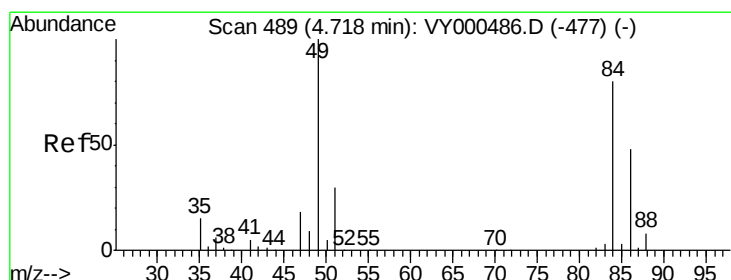
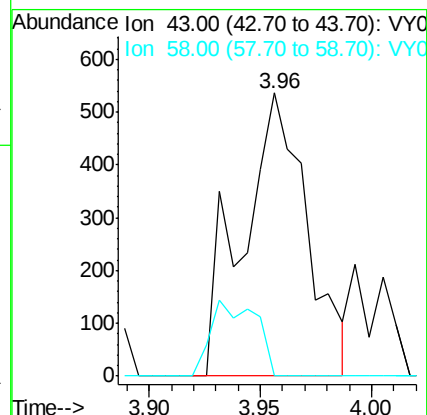
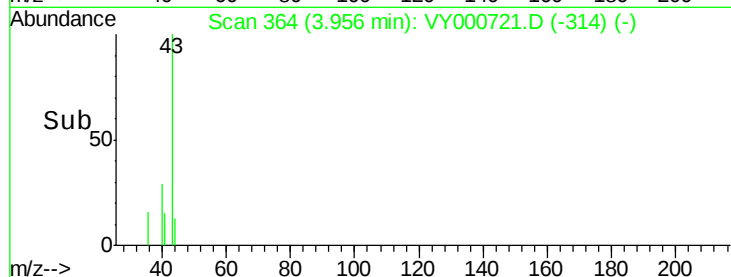
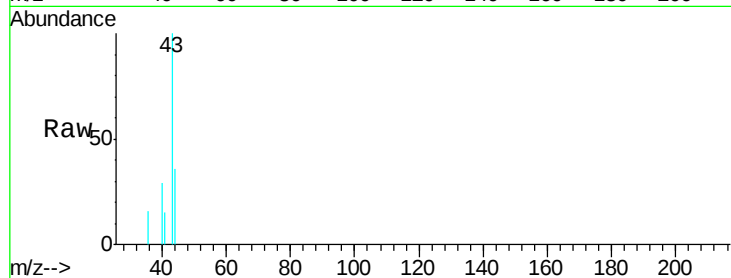
EP-15

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#20

Methylene Chloride

Concen: 3.106 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Tgt Ion: 84 Resp: 409

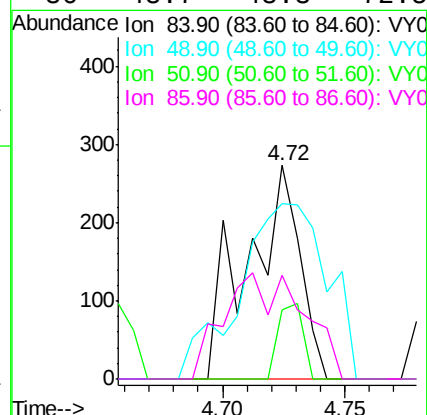
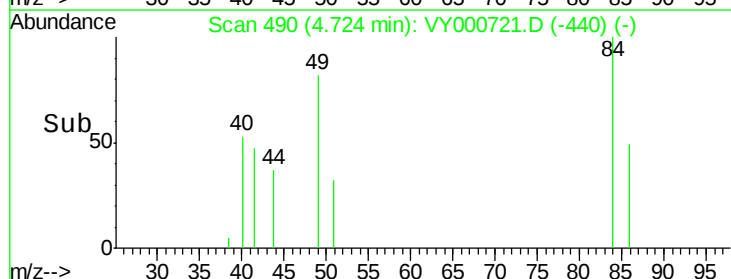
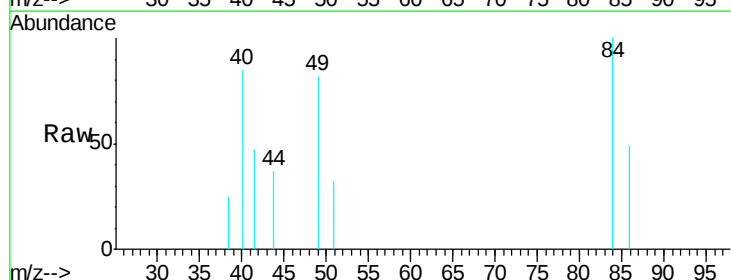
Ion Ratio Lower Upper

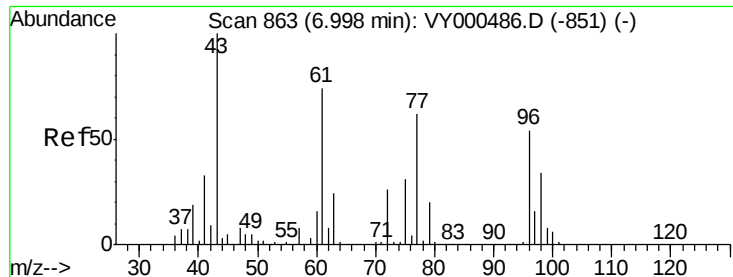
84 100

49 62.6 100.2 150.4#

51 32.2 29.6 44.4

86 48.7 48.3 72.5

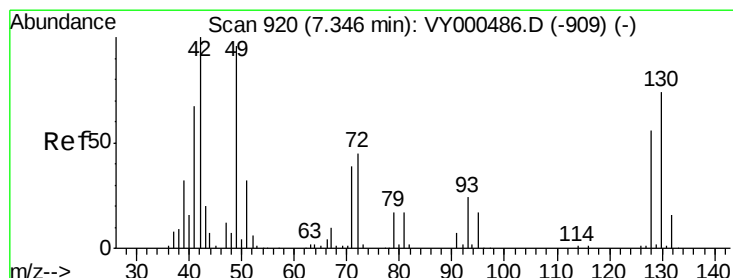
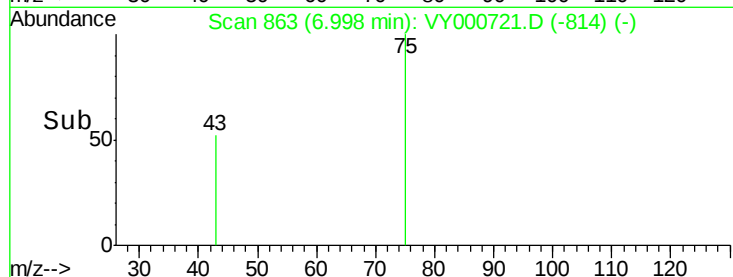
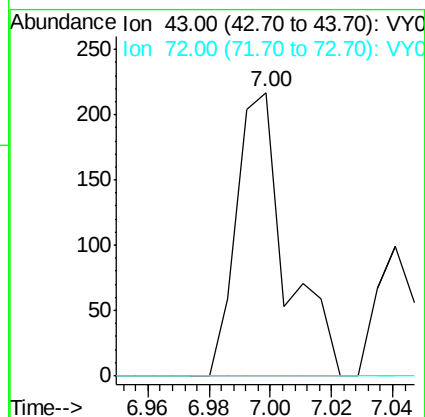
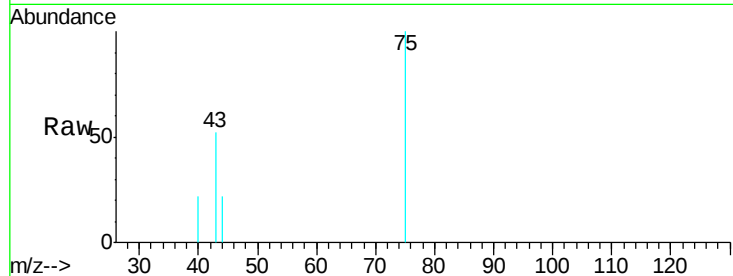




#25
2-Butanone
Concen: 4.934 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

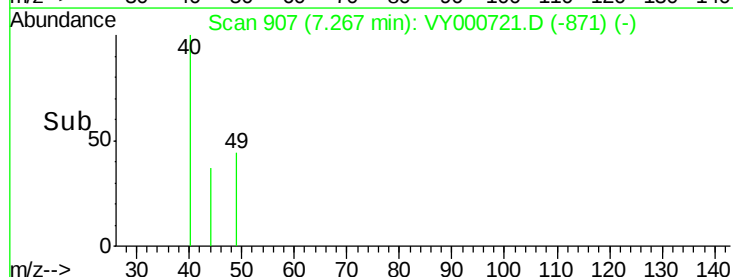
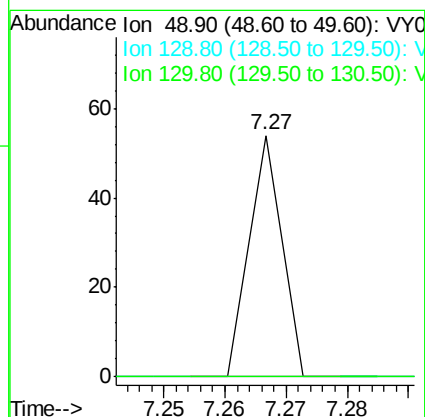
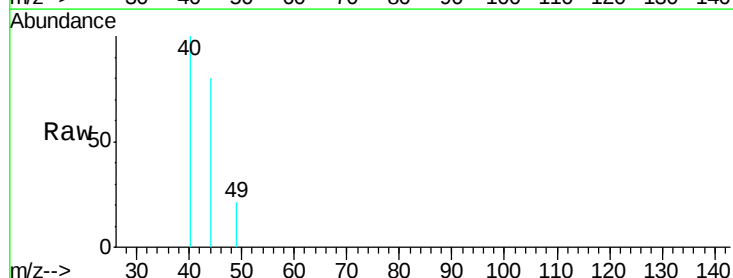
Instrument :
MSVOA_Y
ClientSampled :
EP-15

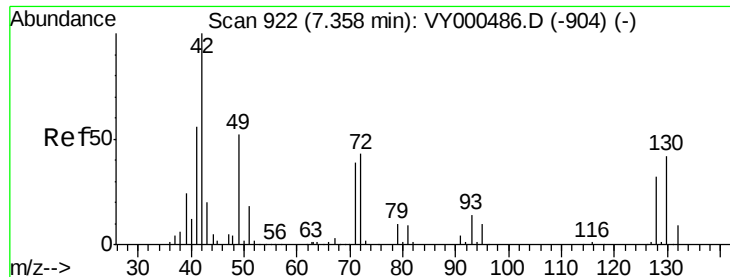
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#28
Bromochloromethane
Concen: 4.288 ug/l
RT: 7.27 min Scan# 907
Delta R.T. -0.08 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

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: 2.966 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.02 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

EP-15

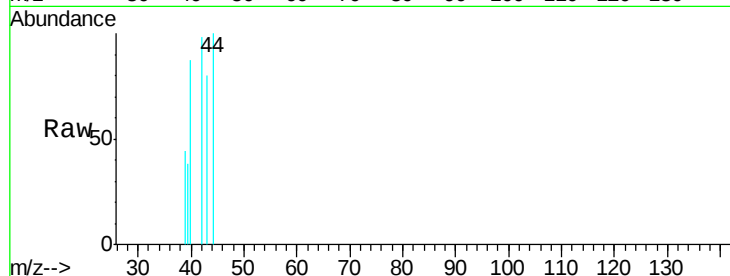
Tgt Ion: 42 Resp: 89

Ion Ratio Lower Upper

42 100

72 23.6 34.0 51.0#

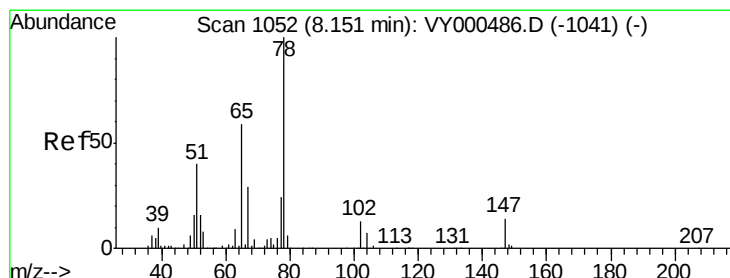
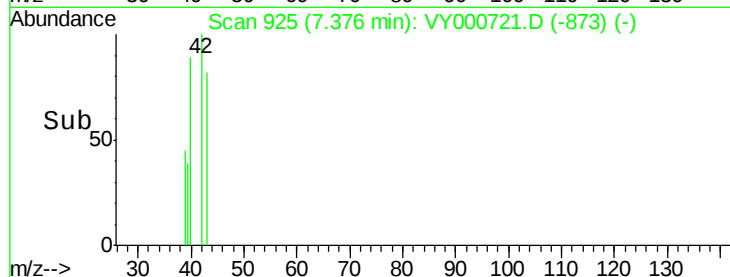
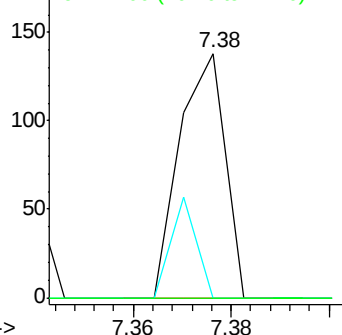
71 0.0 30.8 46.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 77.035 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000721.D

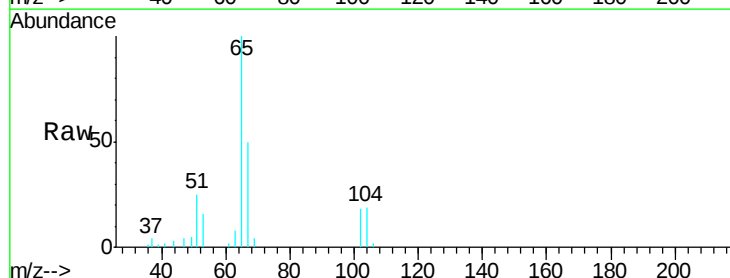
Acq: 18 Nov 2019 13:07

Tgt Ion: 65 Resp: 8590

Ion Ratio Lower Upper

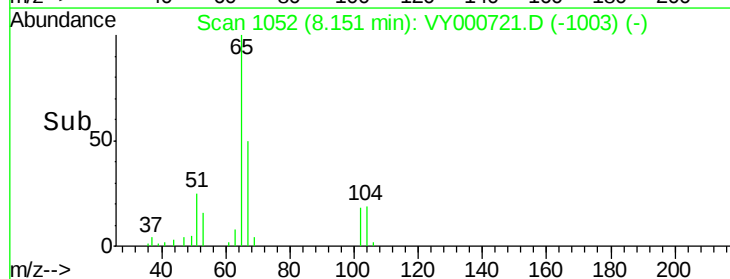
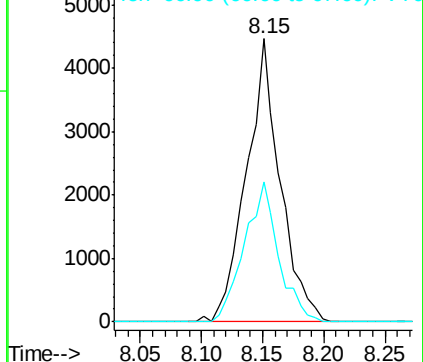
65 100

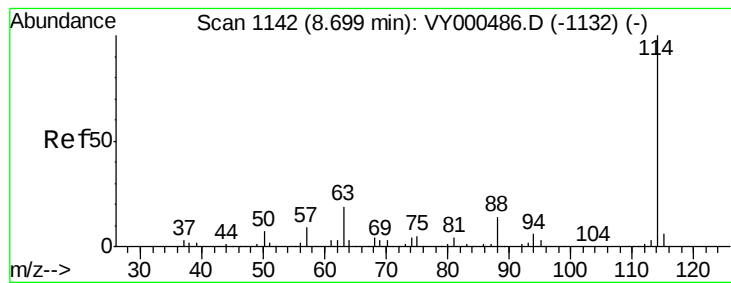
67 50.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampleId :

EP-15

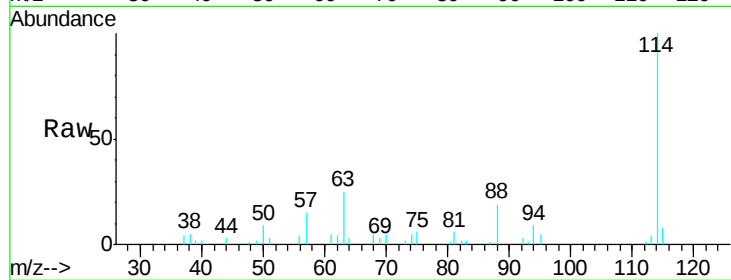
Tgt Ion:114 Resp: 20549

Ion Ratio Lower Upper

114 100

63 25.5 0.0 38.0

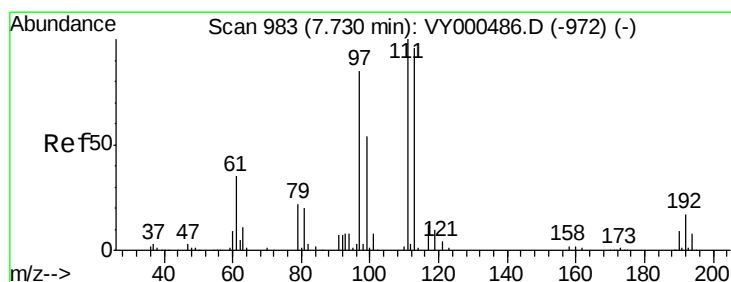
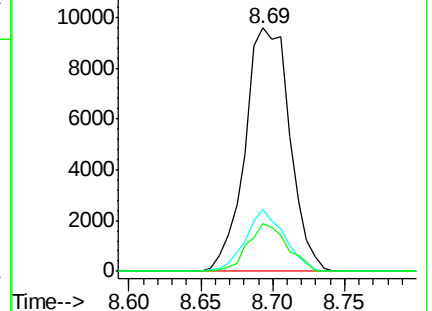
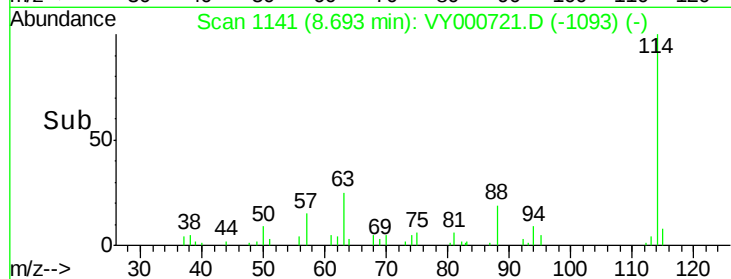
88 19.4 0.0 28.6



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: 41.696 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

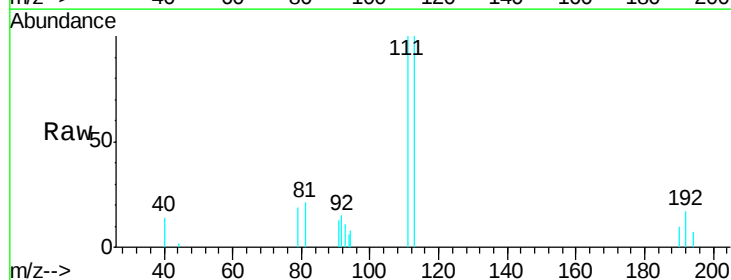
Tgt Ion:113 Resp: 5030

Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

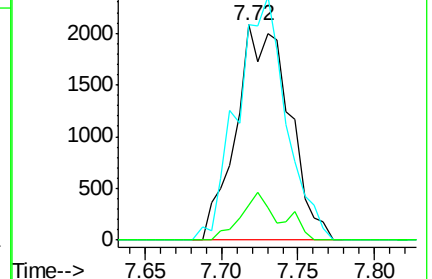
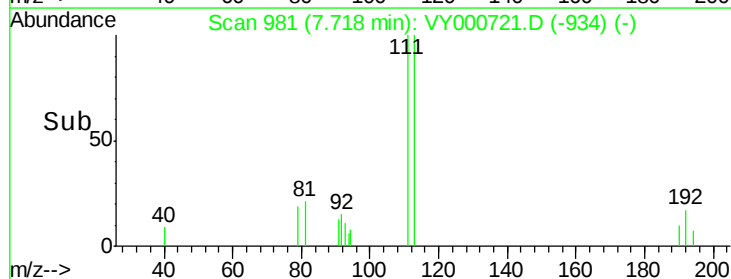
192 16.1 15.0 22.4

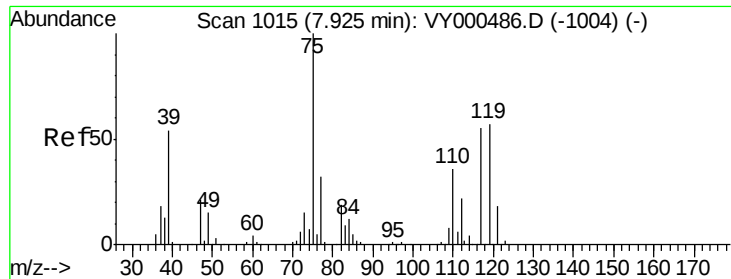


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

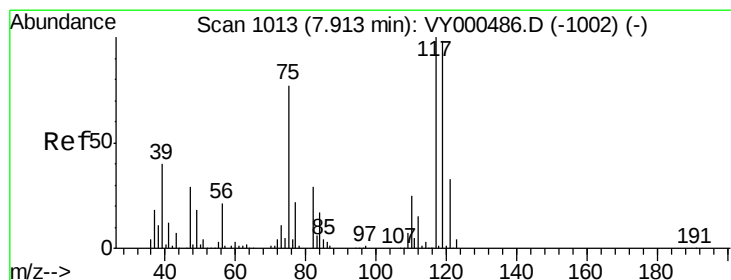
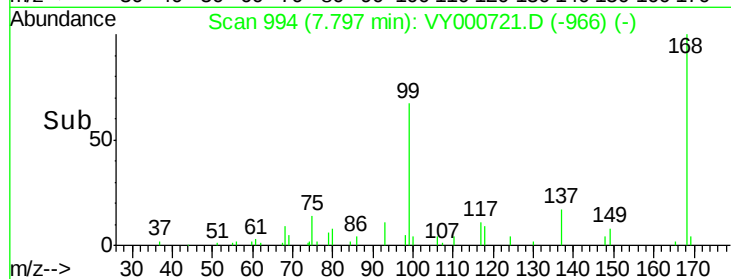
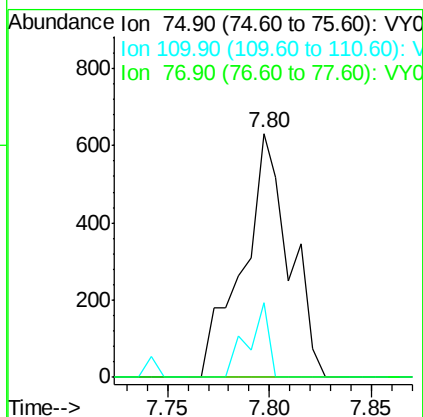
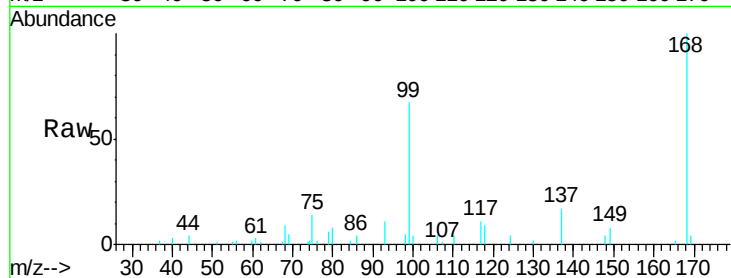




#36
 1,1-Dichloropropene
 Concen: 5.179 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

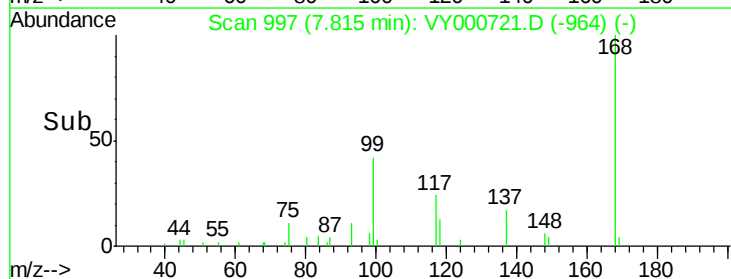
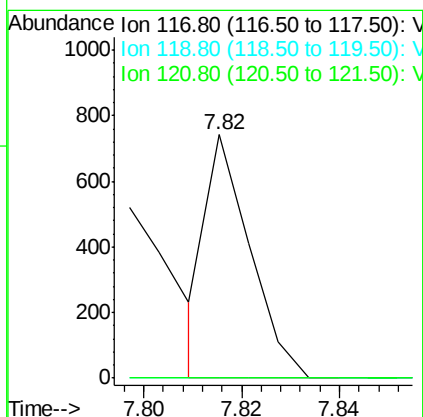
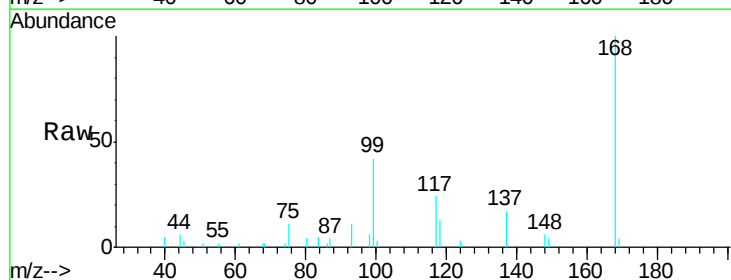
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-15

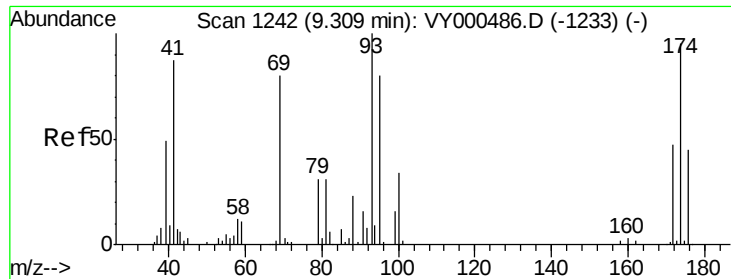
Tgt Ion: 75 Resp: 1006
 Ion Ratio Lower Upper
 75 100
 110 13.5 18.1 54.1#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 2.477 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

Tgt Ion: 117 Resp: 463
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.0 117.0#
 121 0.0 26.6 40.0#

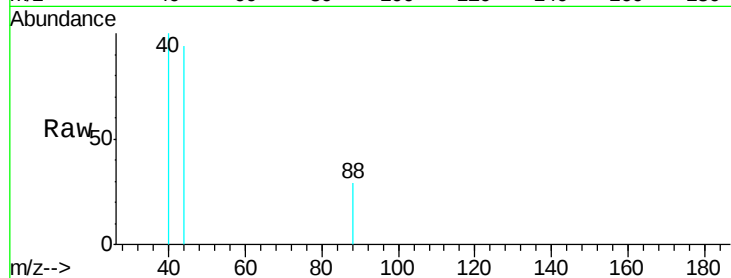




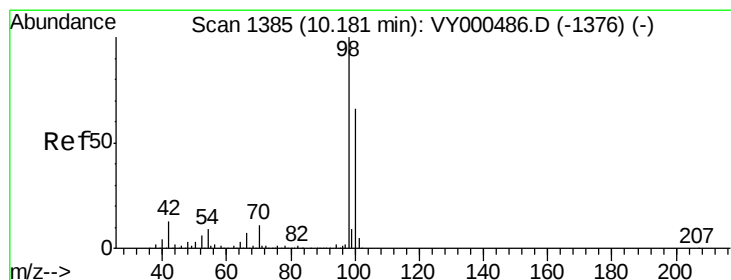
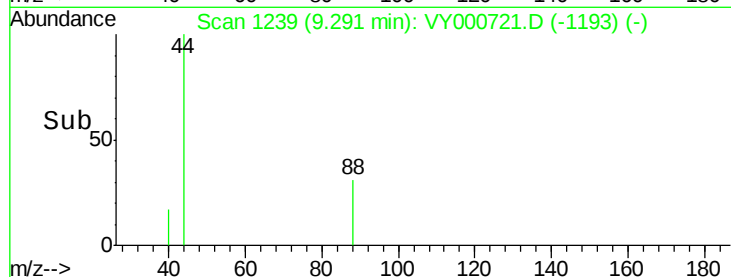
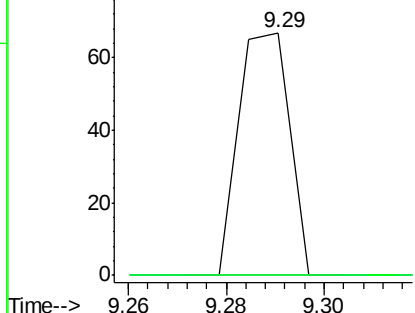
#49
 1,4-Dioxane
 Concen: 46.265 ug/l
 RT: 9.29 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-15

Tgt Ion: 88 Resp: 48
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.1 37.7#
 58 0.0 50.6 75.8#

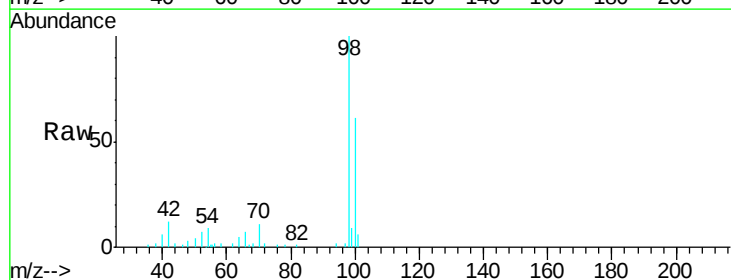


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

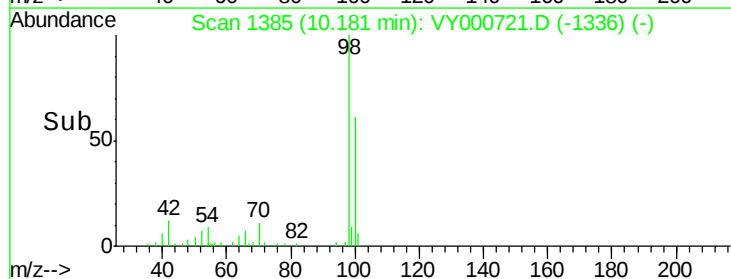
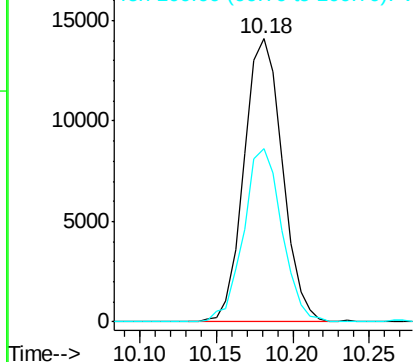


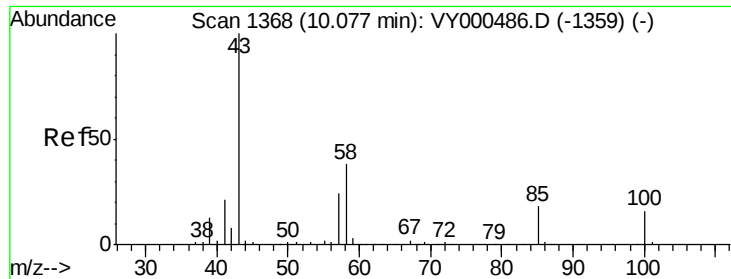
#50
 Toluene-d8
 Concen: 53.765 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

Tgt Ion: 98 Resp: 24611
 Ion Ratio Lower Upper
 98 100
 100 61.0 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: 7.197 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

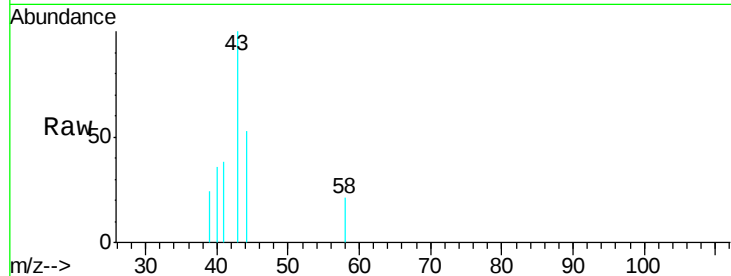
EP-15

Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 27.5 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

400

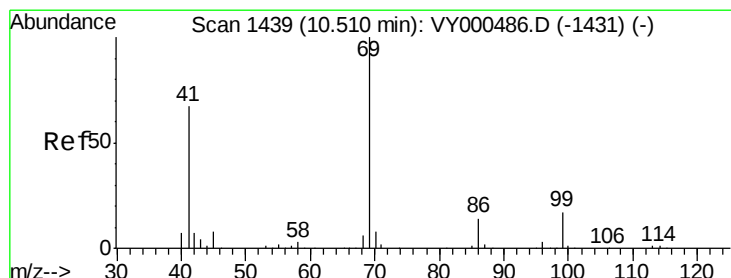
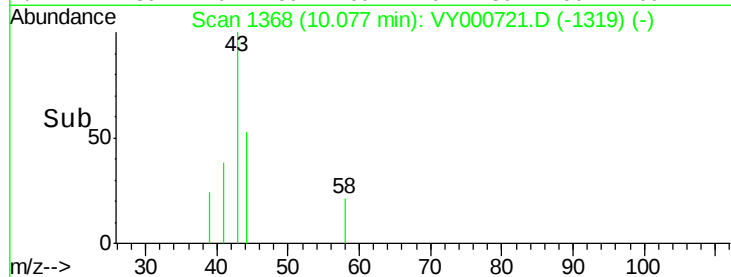
300

200

100

0

Time-->



#56

Ethyl methacrylate

Concen: 1.038 ug/l

RT: 10.50 min Scan# 1438

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

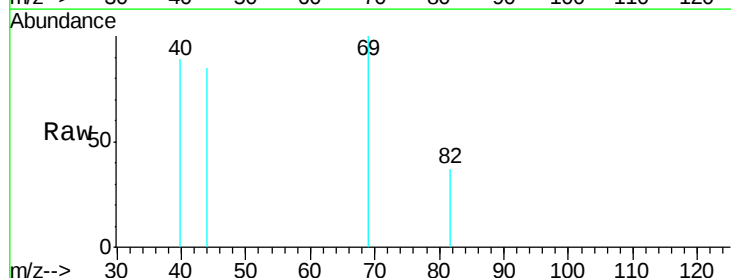
Tgt Ion: 69 Resp: 164

Ion Ratio Lower Upper

69 100

41 15.9 53.3 79.9#

39 0.0 28.0 42.0#



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

200

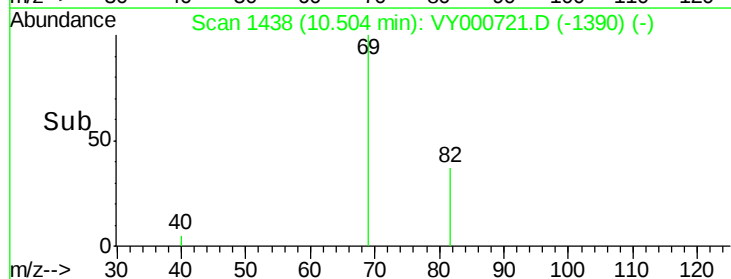
150

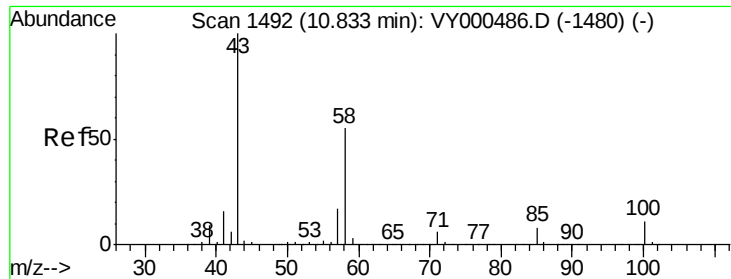
100

50

0

Time-->

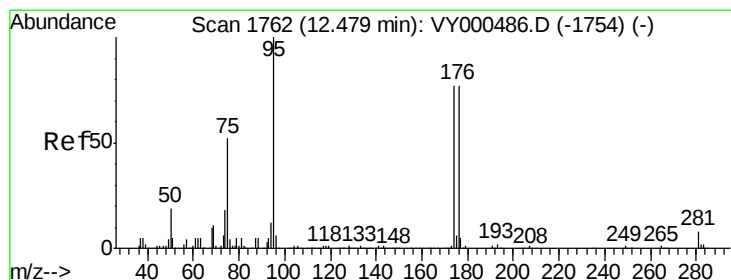
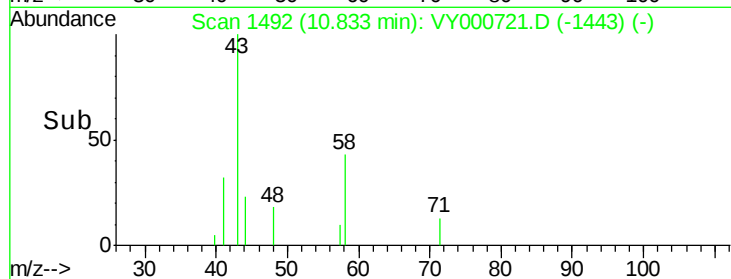
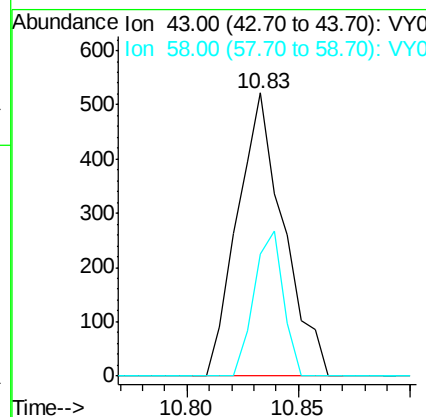
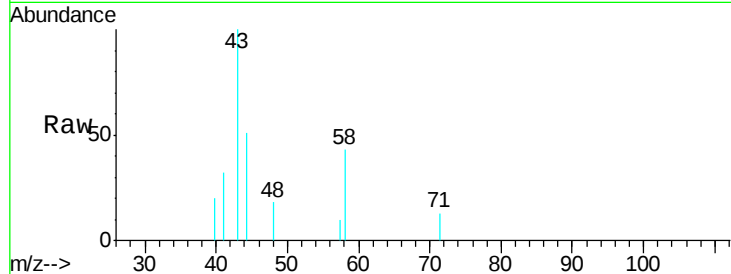




#59
2-Hexanone
Concen: 8.948 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

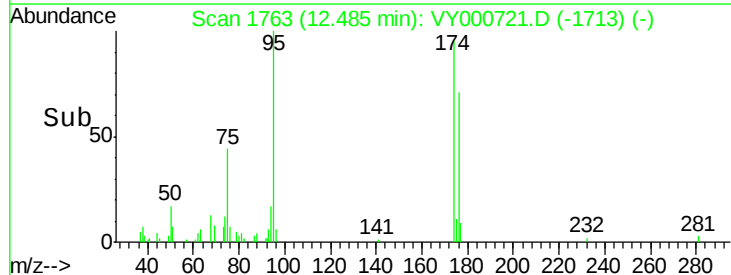
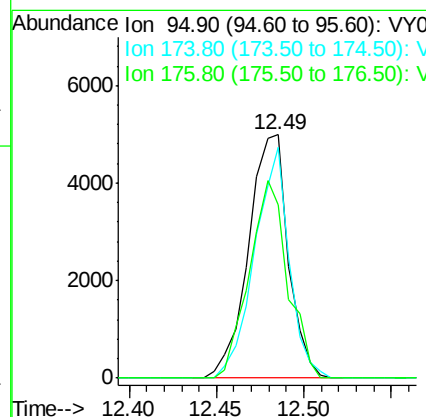
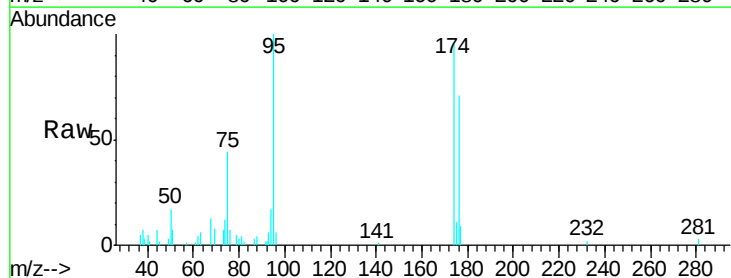
Instrument :
MSVOA_Y
ClientSampled :
EP-15

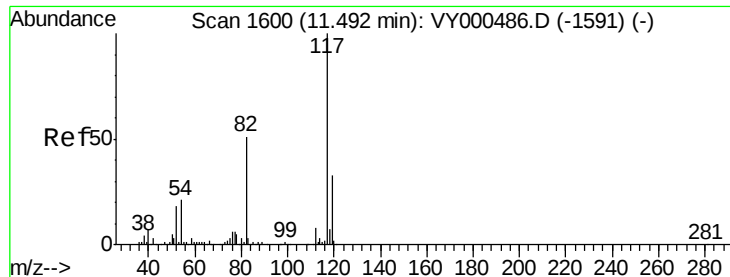
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 32.8 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 45.299 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Tgt Ion: 95 Resp: 7894
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 78.3 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampleId :

EP-15

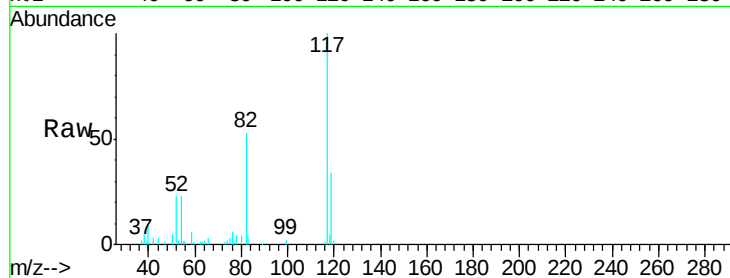
Tgt Ion:117 Resp: 18464

Ion Ratio Lower Upper

117 100

82 52.7 40.8 61.2

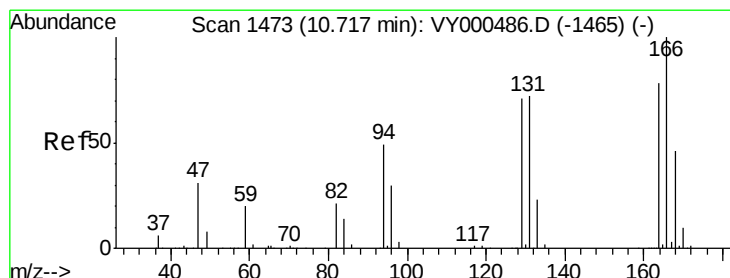
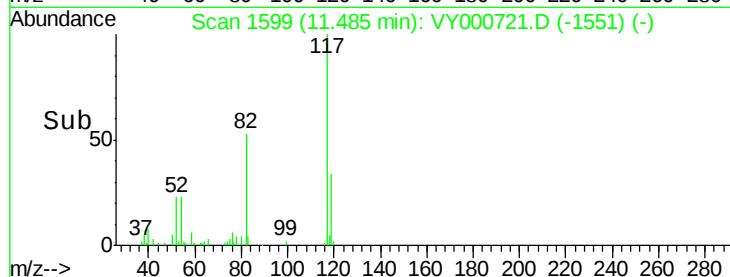
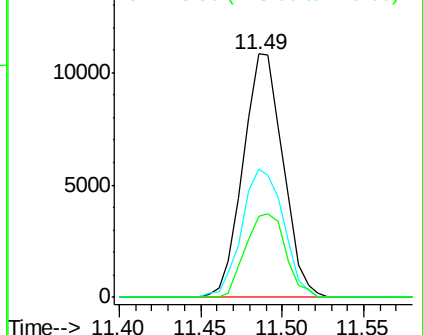
119 33.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.284 ug/l

RT: 10.72 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Tgt Ion:164 Resp: 196

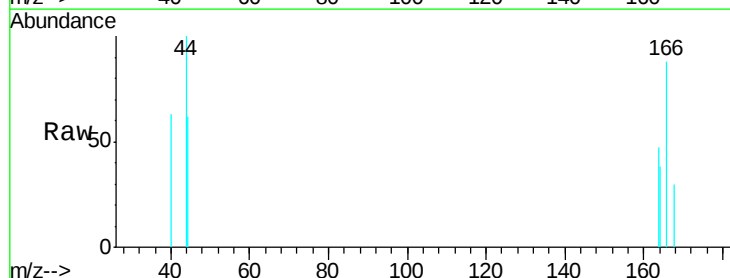
Ion Ratio Lower Upper

164 100

166 103.1 102.7 154.1

129 0.0 73.2 109.8#

131 0.0 74.2 111.2#

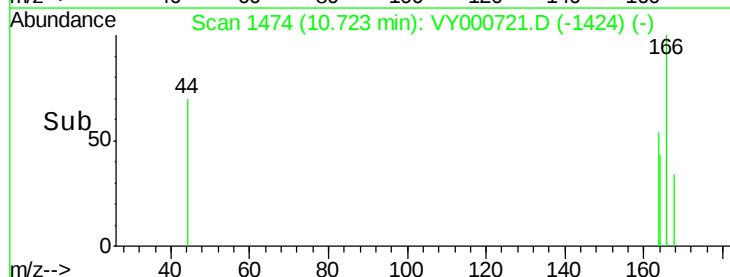
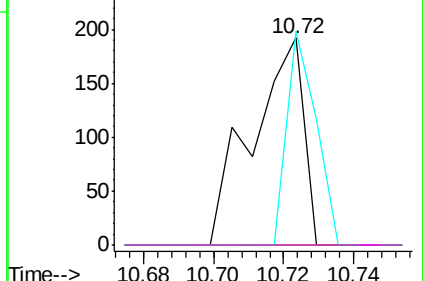


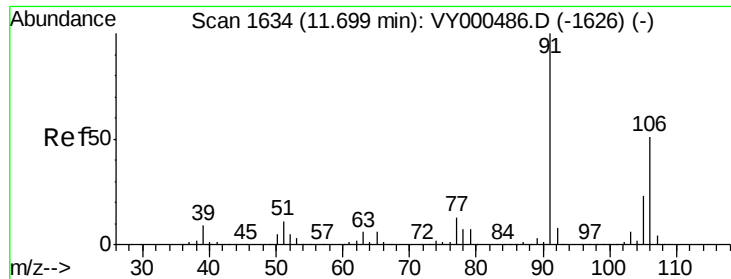
Abundance Ion 163.80 (163.50 to 164.50): V

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

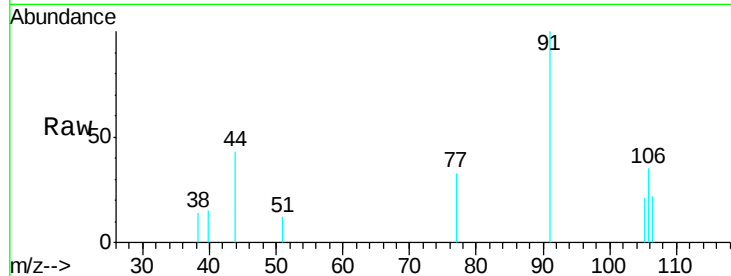




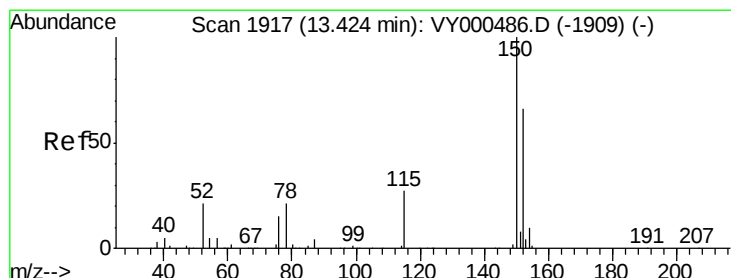
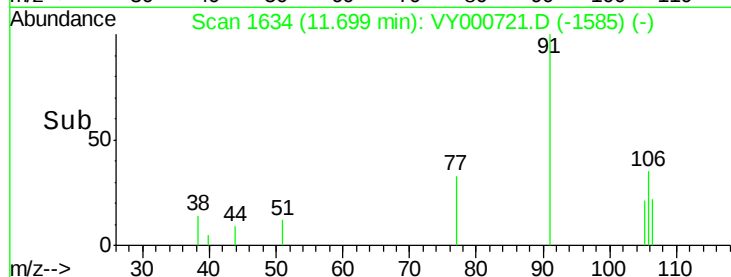
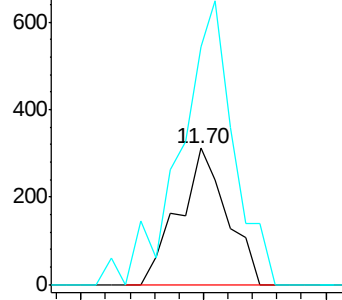
#68
m/p-Xylenes
Concen: 1.601 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Instrument :
MSVOA_Y
ClientSampled :
EP-15

Tgt Ion:106 Resp: 427
Ion Ratio Lower Upper
106 100
91 230.2 155.9 233.9

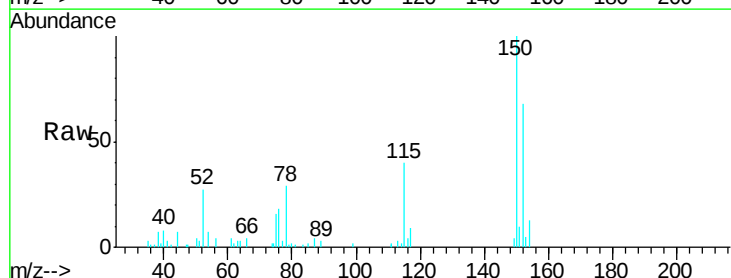


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

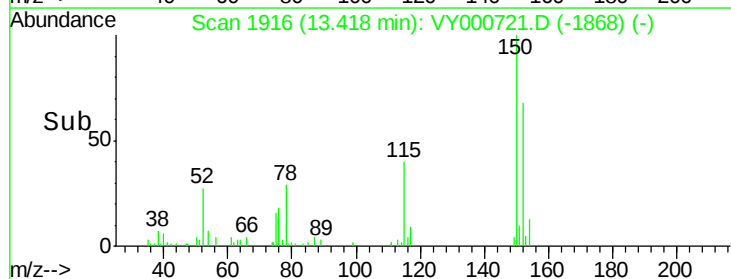
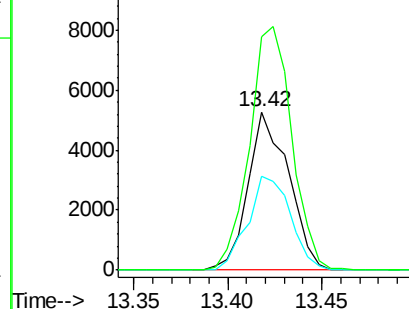


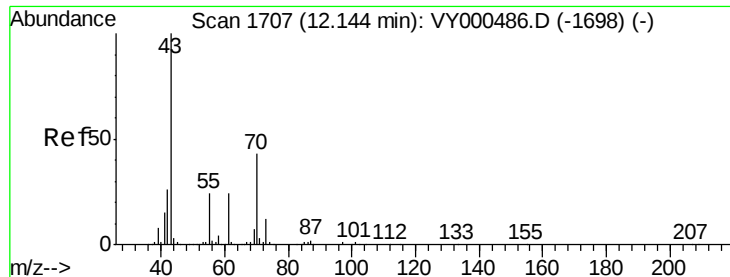
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Tgt Ion:152 Resp: 7855
Ion Ratio Lower Upper
152 100
115 62.5 29.1 87.4
150 161.0 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 2.983 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

EP-15

Tgt Ion: 43 Resp: 496

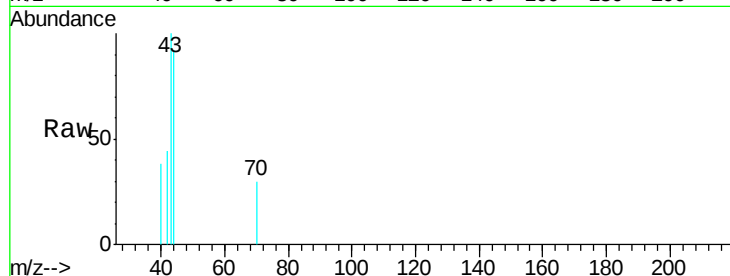
Ion Ratio Lower Upper

43 100

70 35.3 33.1 49.7

55 0.0 18.0 27.0#

61 6.7 19.1 28.7#

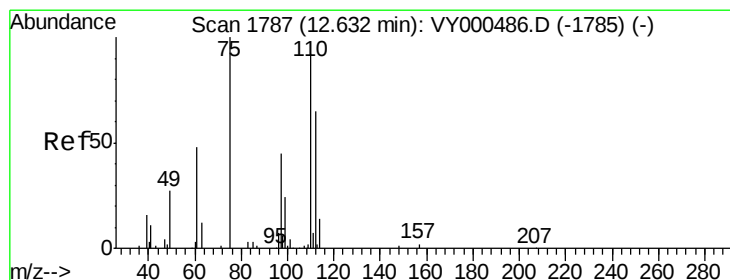
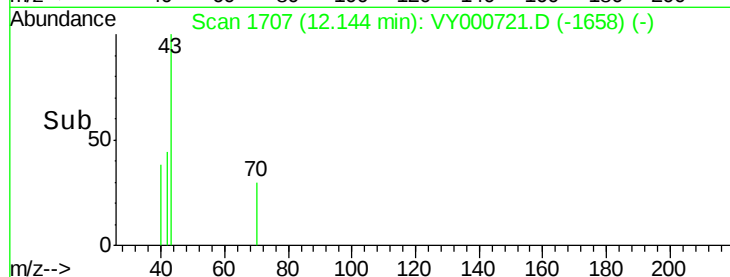
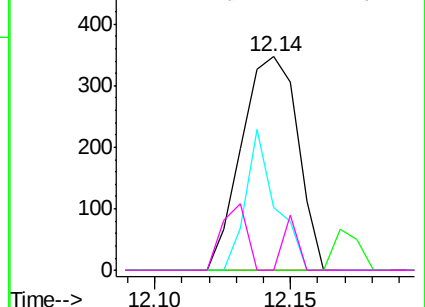


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#76

1,2,3-Trichloropropane

Concen: 49.296 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000721.D

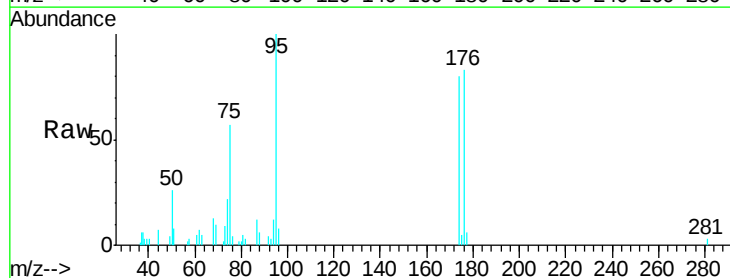
Acq: 18 Nov 2019 13:07

Tgt Ion: 75 Resp: 4409

Ion Ratio Lower Upper

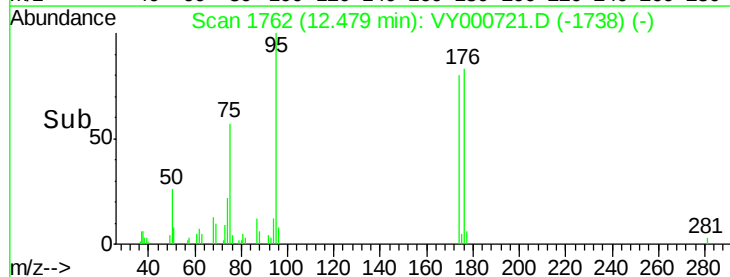
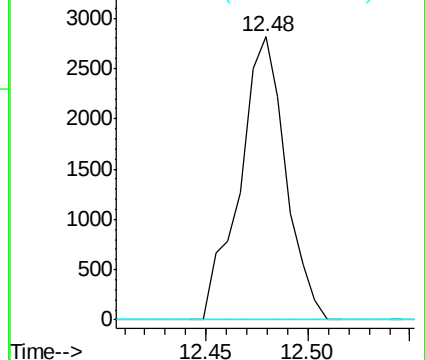
75 100

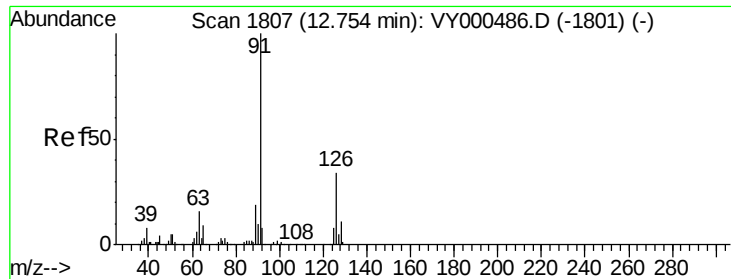
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#79

2-Chlorotoluene

Concen: 1.293 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

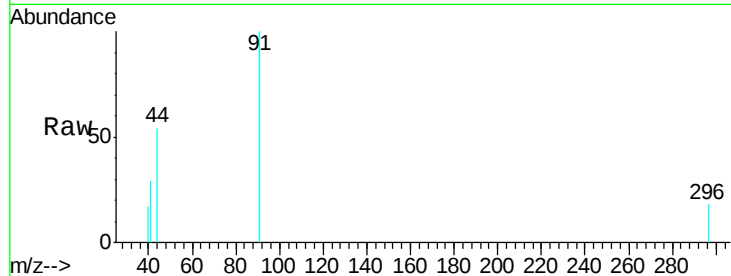
EP-15

Tgt Ion: 91 Resp: 503

Ion Ratio Lower Upper

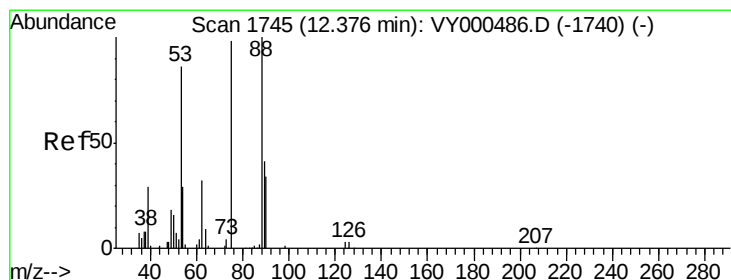
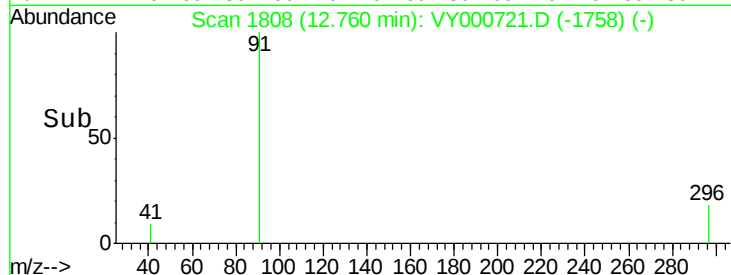
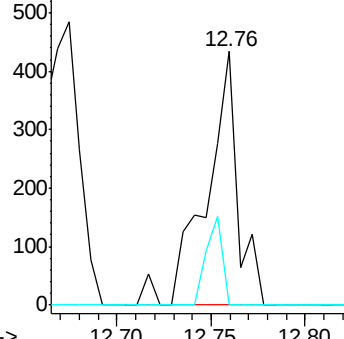
91 100

126 17.7 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 110.527 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

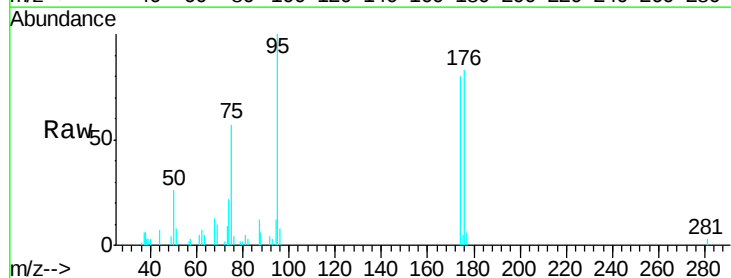
Tgt Ion: 75 Resp: 4409

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

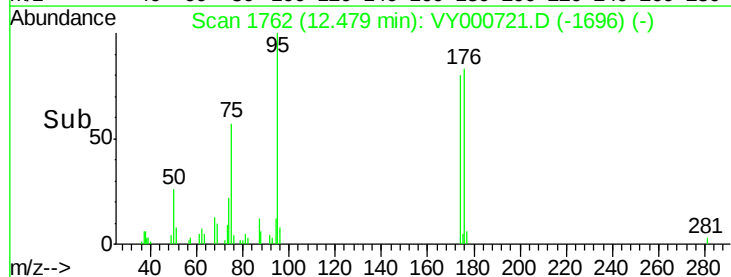
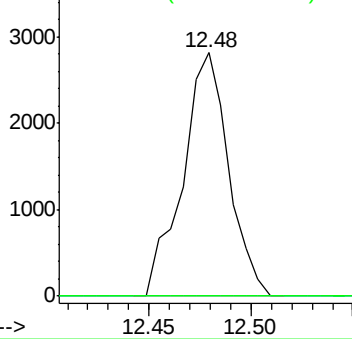
89 0.0 35.9 53.9#

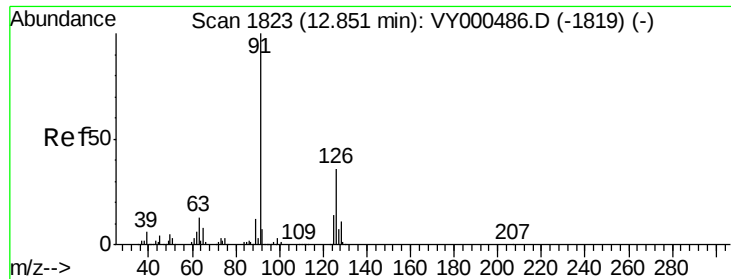


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

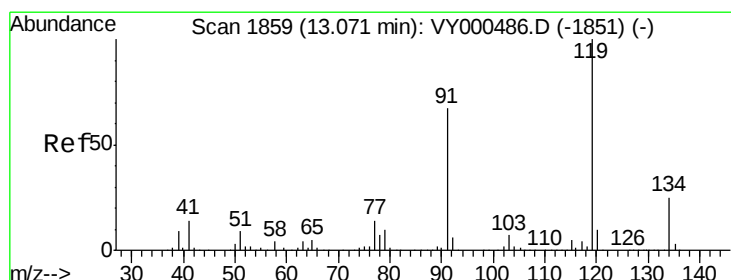
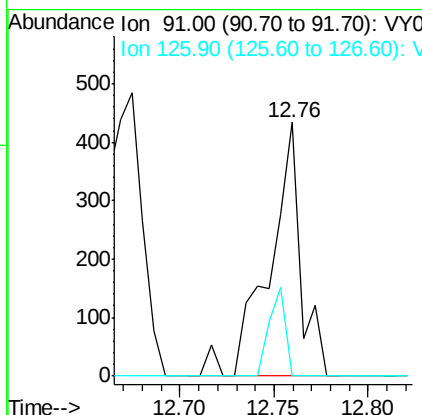
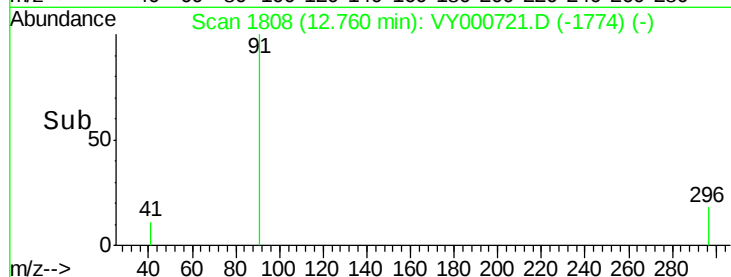
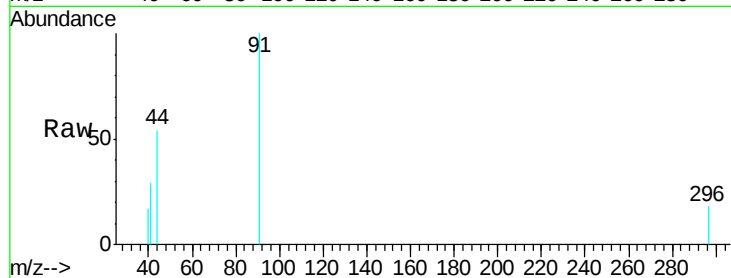




#82
4-Chlorotoluene
Concen: 1.248 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.09 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

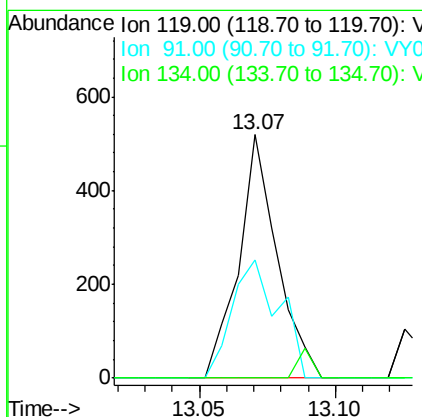
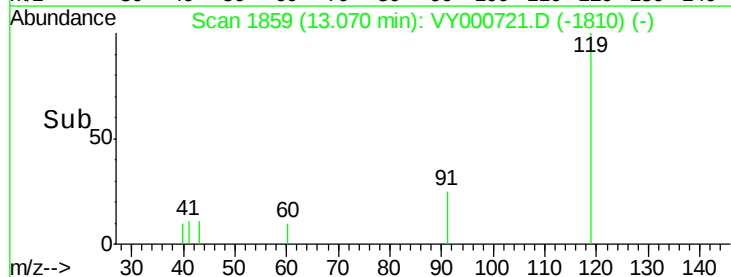
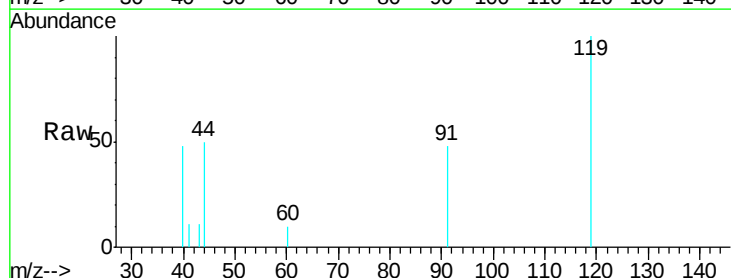
Instrument :
MSVOA_Y
ClientSampled :
EP-15

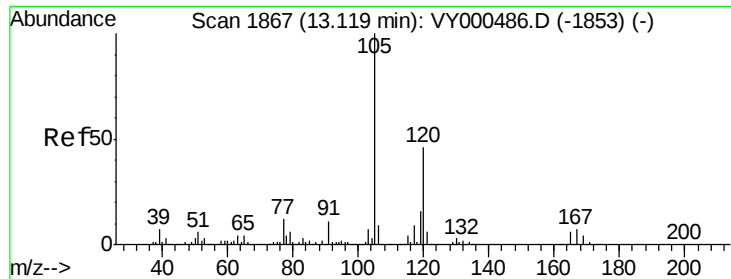
Tgt Ion: 91 Resp: 503
Ion Ratio Lower Upper
91 100
126 17.7 17.6 52.9



#83
tert-Butylbenzene
Concen: 1.226 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Tgt Ion: 119 Resp: 506
Ion Ratio Lower Upper
119 100
91 59.5 32.1 96.3
134 4.5 13.2 39.5#





#84

1,2,4-Trimethylbenzene

Concen: 1.126 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

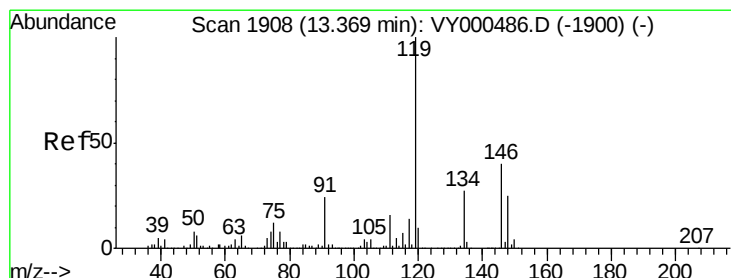
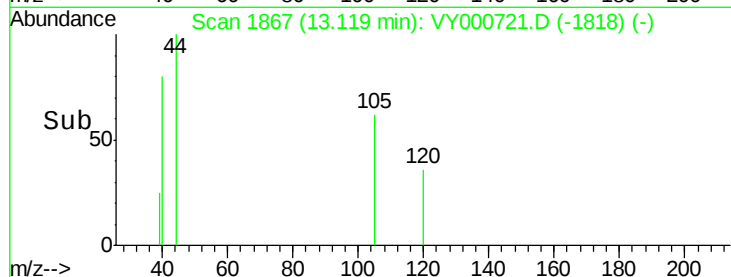
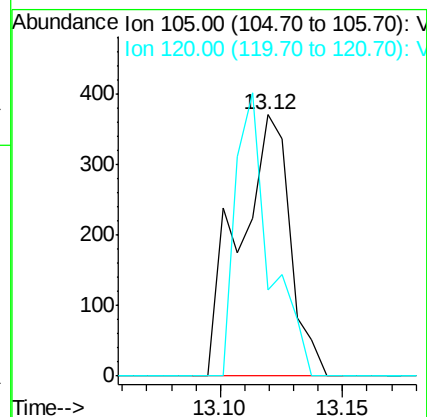
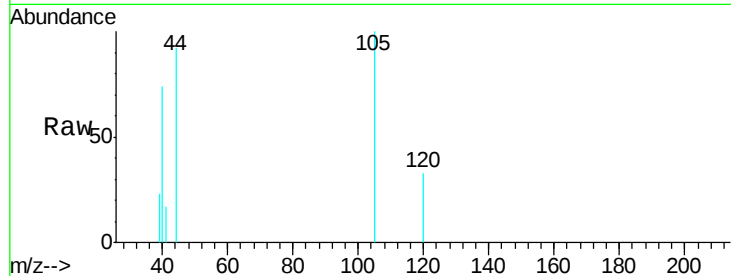
EP-15

Tgt Ion:105 Resp: 542

Ion Ratio Lower Upper

105 100

120 71.6 23.3 69.9#



#86

p-Isopropyltoluene

Concen: 1.394 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

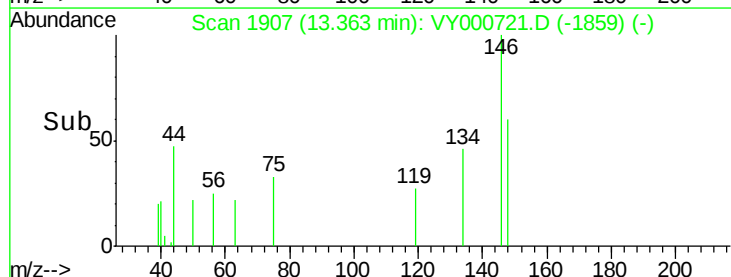
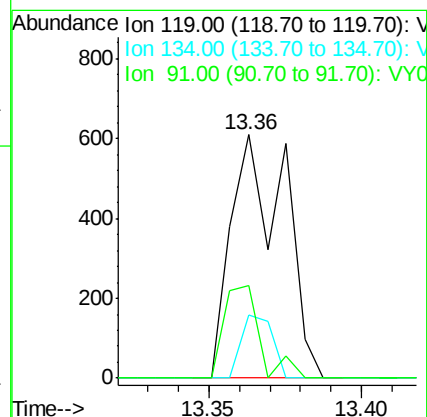
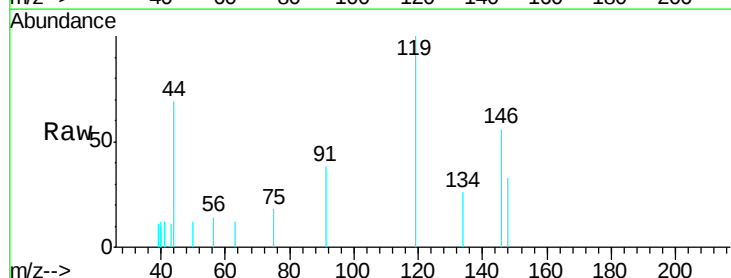
Tgt Ion:119 Resp: 731

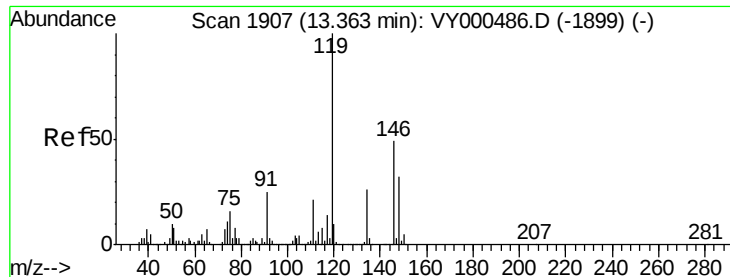
Ion Ratio Lower Upper

119 100

134 15.0 13.6 40.8

91 25.3 12.0 36.1

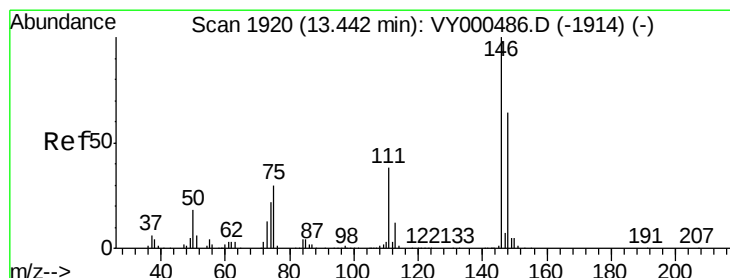
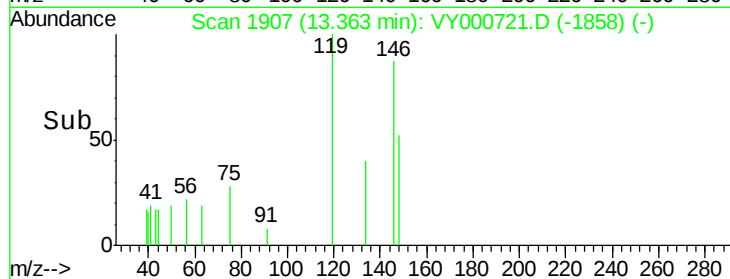
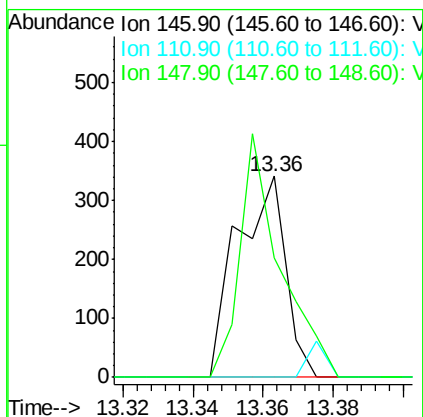
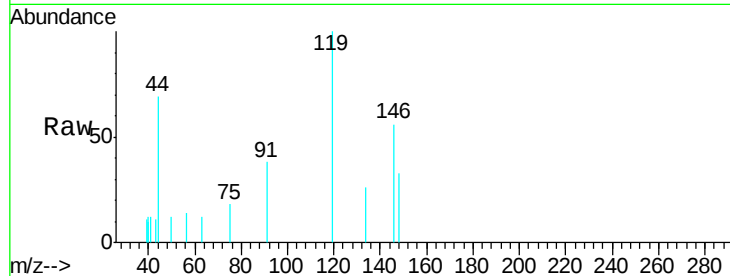




#87
 1,3-Dichlorobenzene
 Concen: 1.276 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

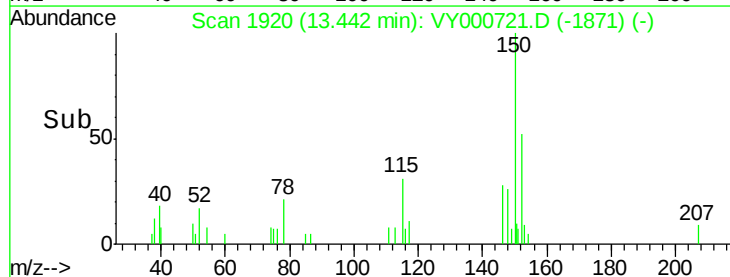
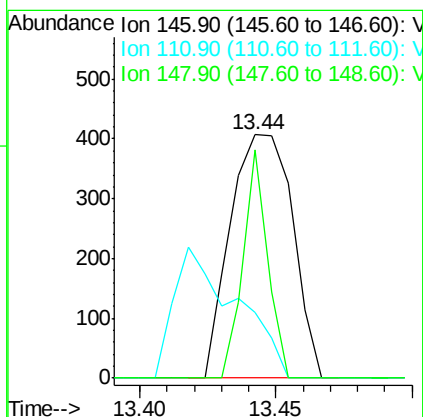
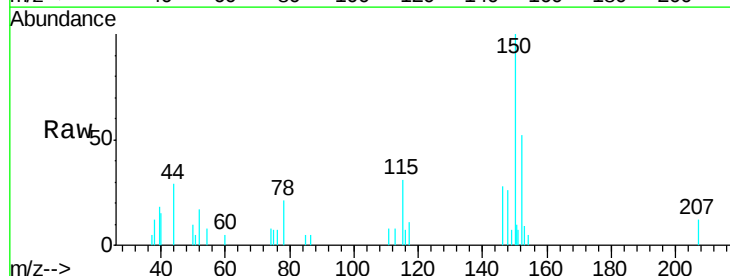
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-15

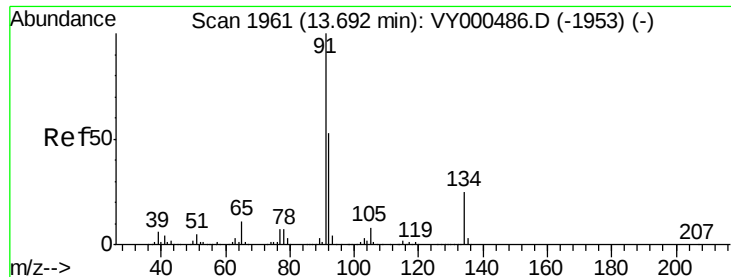
Tgt Ion:146 Resp: 329
 Ion Ratio Lower Upper
 146 100
 111 6.7 20.3 60.8#
 148 100.6 31.5 94.5#



#88
 1,4-Dichlorobenzene
 Concen: 2.507 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

Tgt Ion:146 Resp: 646
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.0#
 148 37.0 31.9 95.7

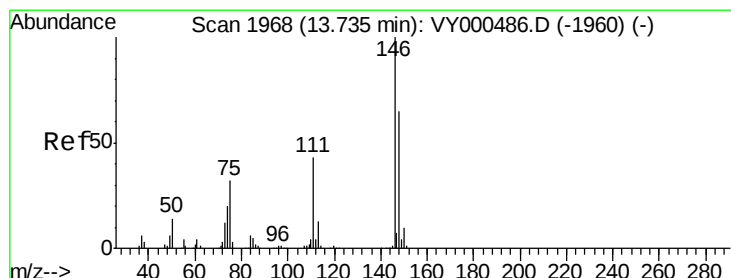
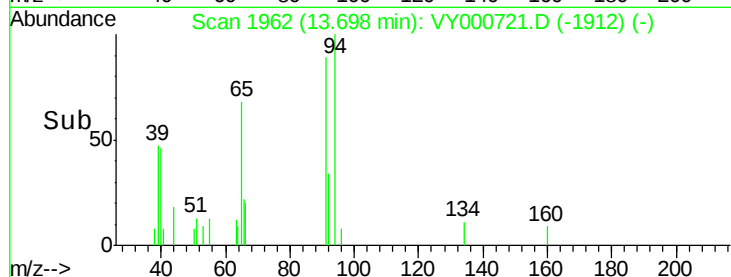
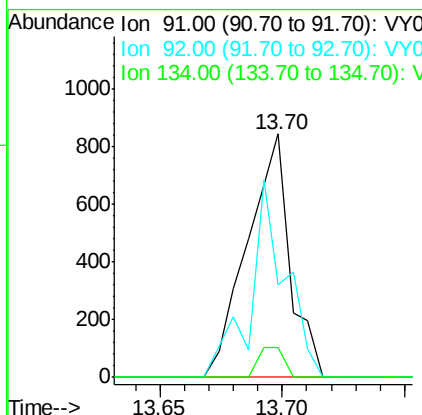
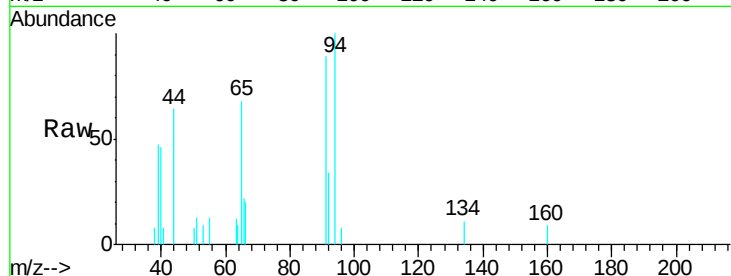




#89
n-Butylbenzene
Concen: 1.988 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

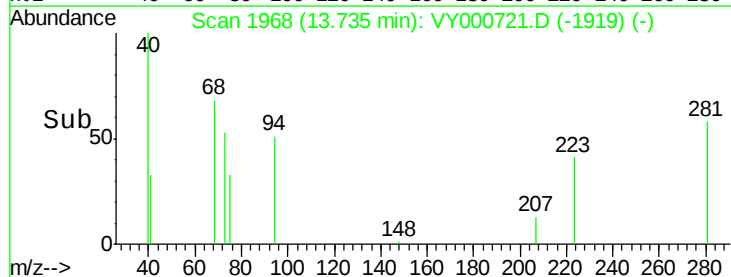
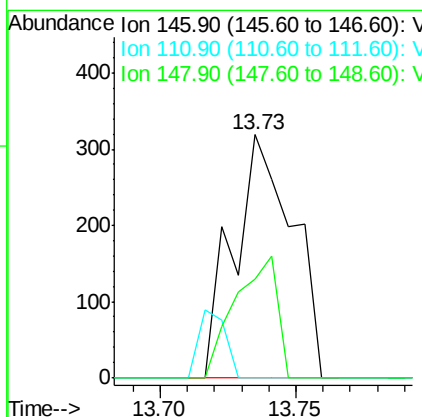
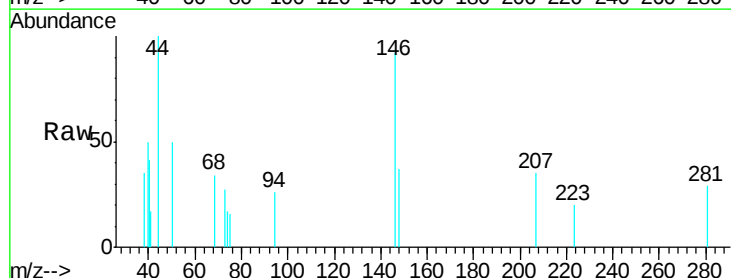
Instrument :
MSVOA_Y
ClientSampled :
EP-15

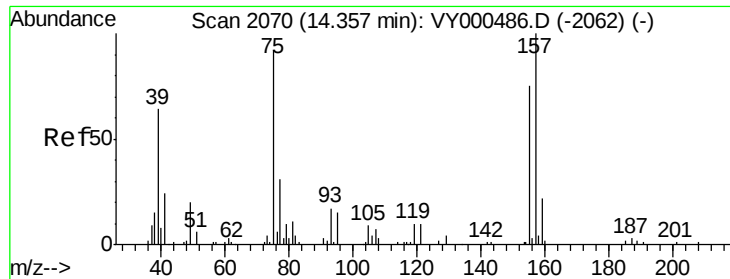
Tgt Ion: 91 Resp: 1028
Ion Ratio Lower Upper
91 100
92 67.0 26.8 80.3
134 7.3 12.9 38.7#



#91
1,2-Dichlorobenzene
Concen: 2.052 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Tgt Ion: 146 Resp: 480
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.5#
148 35.8 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.409 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

EP-15

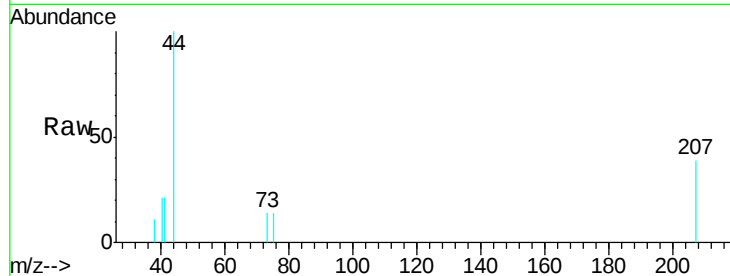
Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

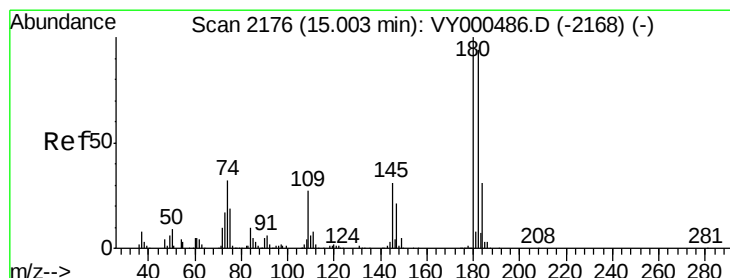
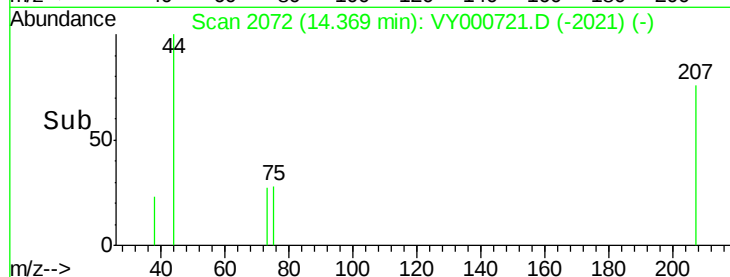
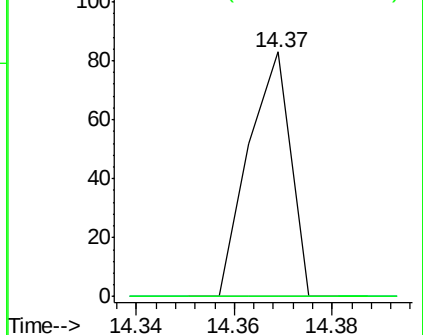
157 0.0 55.1 165.3#



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



#93

1,2,4-Trichlorobenzene

Concen: 4.802 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

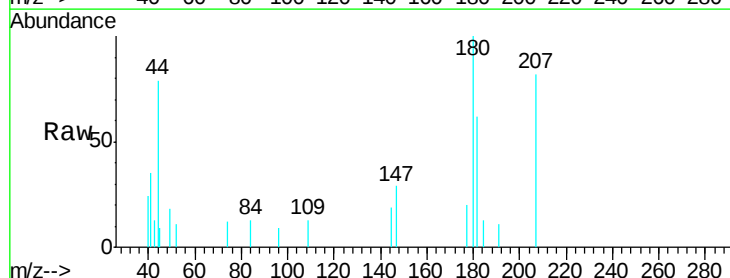
Tgt Ion: 180 Resp: 765

Ion Ratio Lower Upper

180 100

182 63.3 47.8 143.4

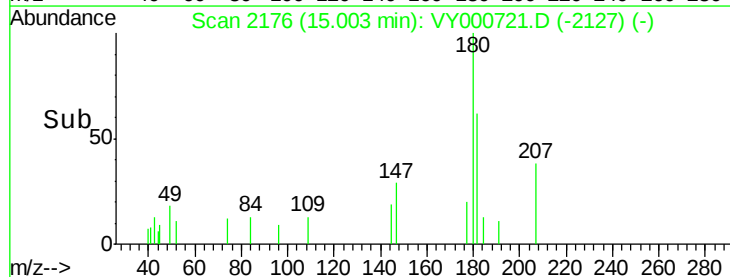
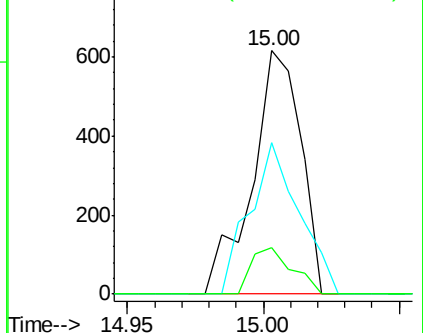
145 16.1 16.0 47.9

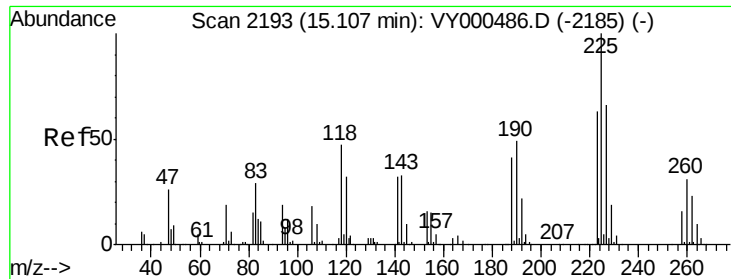


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 2.168 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

EP-15

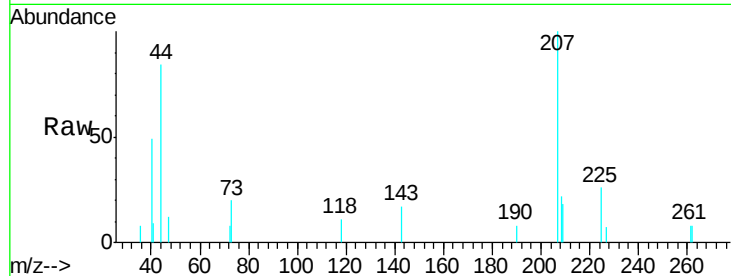
Tgt Ion:225 Resp: 178

Ion Ratio Lower Upper

225 100

223 0.0 31.3 93.8#

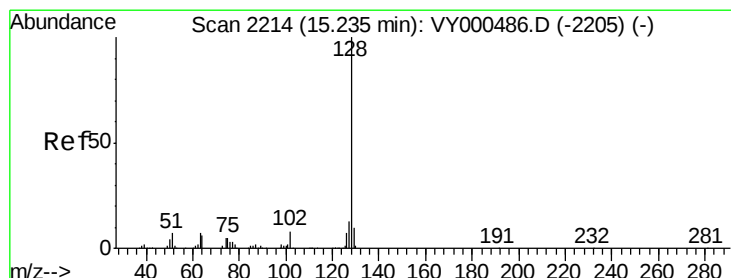
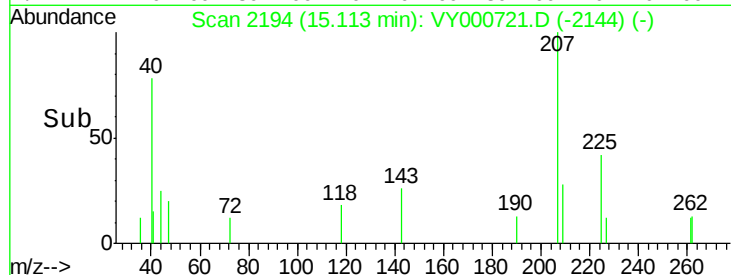
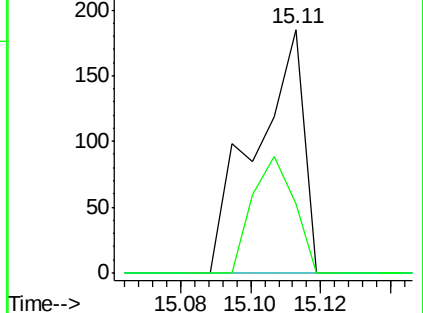
227 41.0 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.365 ug/l

RT: 15.22 min Scan# 2212

Delta R.T. -0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

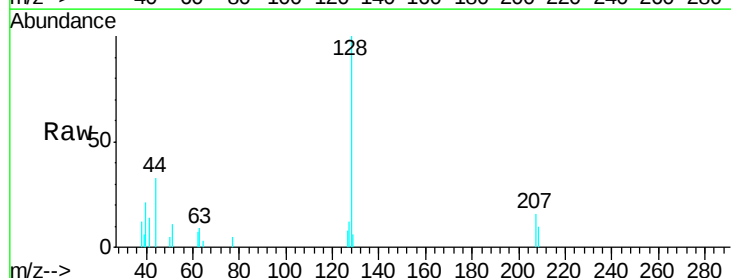
Tgt Ion:128 Resp: 2251

Ion Ratio Lower Upper

128 100

127 20.1 9.8 14.6#

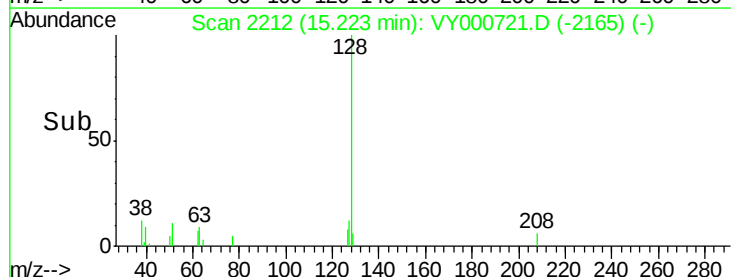
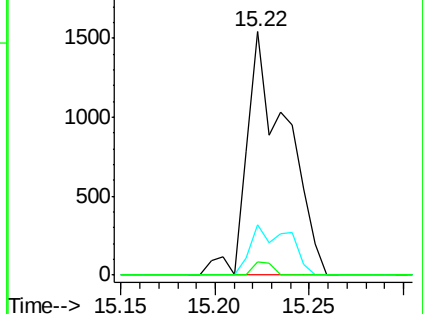
129 2.7 8.7 13.1#

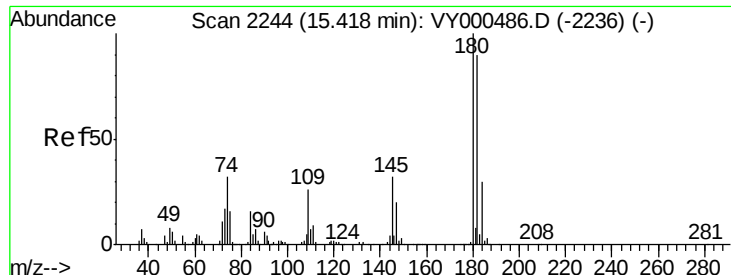


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 5.031 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.02 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampleId :

EP-15

Tgt Ion:180 Resp: 719

Ion Ratio Lower Upper

180 100

182 82.6 47.4 142.3

145 25.5 15.7 47.0

