

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000698.D
 Acq On : 15 Nov 2019 14:07
 Operator : SY/MD
 Sample : K5861-06
 Misc : 4.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:31:03 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	7.82	168	26	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.70	114	591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	164	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	175	650.40	ug/l	0.00
Spiked Amount						
				Recovery		= 1300.80%
35) Dibromofluoromethane	7.53	113	21	6.05	ug/l	-0.20
Spiked Amount						
				Recovery		= 12.10%
50) Toluene-d8	10.19	98	523	39.73	ug/l	0.00
Spiked Amount						
				Recovery		= 79.46%
62) 4-Bromofluorobenzene	12.46	95	139	27.73	ug/l	-0.02
Spiked Amount						
				Recovery		= 55.46%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.10	50	201	570.089	ug/l #	43
8) Diethyl Ether	3.68	74	23	146.394	ug/l #	4
13) Acrolein	3.78	56	19	832.800	ug/l #	14
14) Allyl chloride	4.45	41	20	47.359	ug/l #	24
15) Acrylonitrile	4.99	53	45	559.127	ug/l #	18
16) Acetone	3.94	43	23	310.150	ug/l #	42
18) Methyl Acetate	4.53	43	47	203.833	ug/l #	51
20) Methylene Chloride	4.46	84	35	110.147	ug/l #	6
23) Vinyl Acetate	6.32	43	49	84.566	ug/l #	74
25) 2-Butanone	7.24	43	65	549.214	ug/l #	49
31) Cyclohexane	7.88	56	29	55.681	ug/l #	15
37) Ethyl Acetate	7.24	43	65	19.596	ug/l #	70
39) Methylcyclohexane	9.28	83	19	2.632	ug/l #	20
41) Methacrylonitrile	7.16	41	22	11.889	ug/l #	7
43) Isopropyl Acetate	8.39	43	45	7.222	ug/l #	1
47) Bromodichloromethane	9.28	83	19	3.612	ug/l #	24
48) Methyl methacrylate	9.33	41	122	44.812	ug/l #	31
51) 4-Methyl-2-Pentanone	10.13	43	48	14.489	ug/l #	37
55) 1,1,2-Trichloroethane	10.58	97	19	5.925	ug/l #	14
56) Ethyl methacrylate	10.49	69	19	4.180	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.85	63	23	11.193	ug/l #	47
59) 2-Hexanone	10.84	43	21	8.700	ug/l #	24
65) Chlorobenzene	11.50	112	22	2.261	ug/l #	43
67) Ethyl Benzene	11.58	91	25	1.396	ug/l #	43
71) Bromoform	12.00	173	69	35.543	ug/l #	28
73) Isopropylbenzene	12.27	105	63	5.198	ug/l	78
74) N-amyl acetate	12.13	43	397	114.363	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.61	83	112	46.668	ug/l #	25
78) n-propylbenzene	12.68	91	220	15.043	ug/l #	53
79) 2-Chlorotoluene	12.76	91	121	14.903	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.70	105	49	4.854	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.17	75	27	32.419	ug/l #	13
82) 4-Chlorotoluene	12.85	91	357	42.419	ug/l #	39
83) tert-Butylbenzene	13.04	119	44	5.105	ug/l #	1

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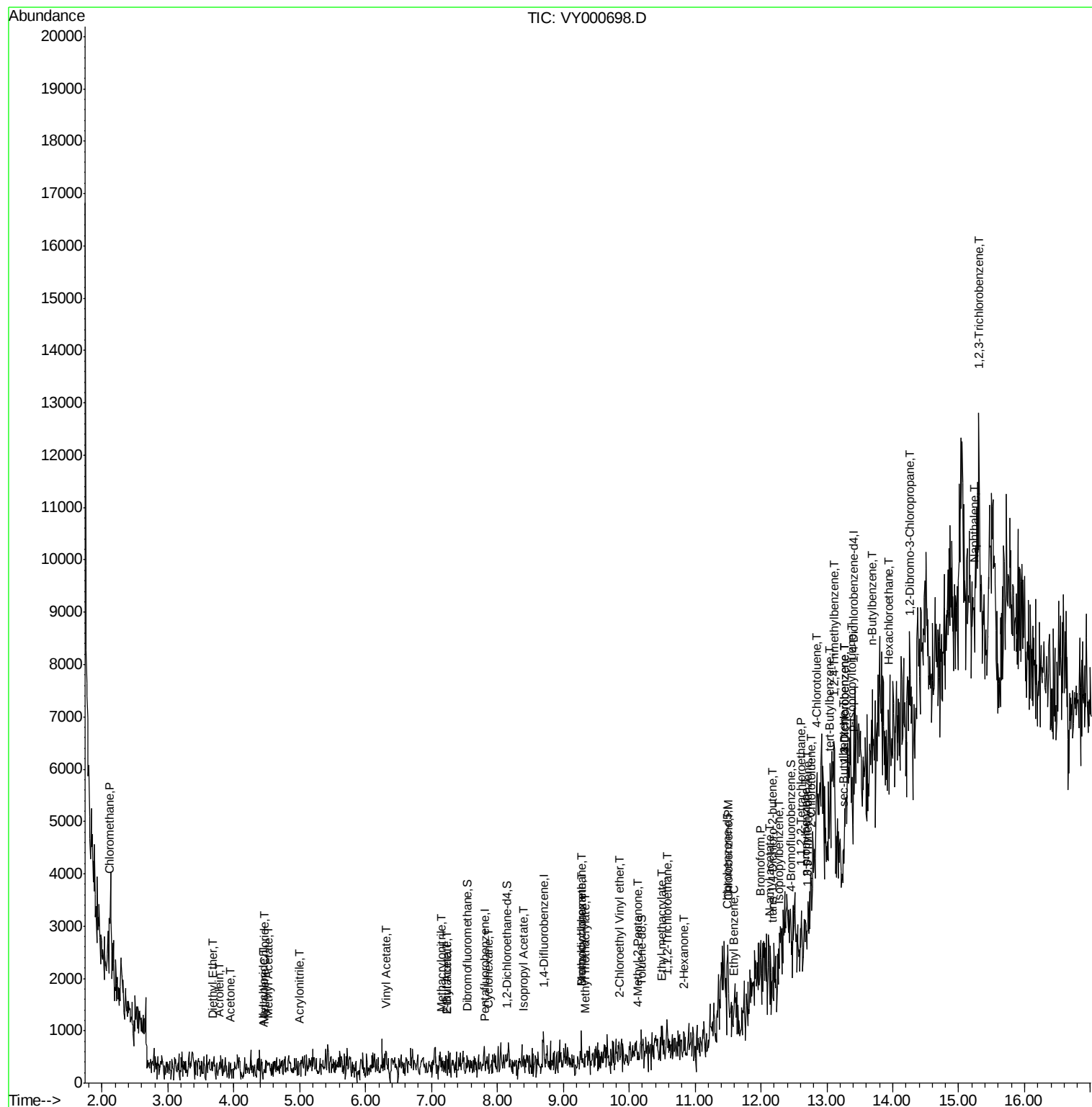
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.11	105	58	5.771	ug/l #	30
85) sec-Butylbenzene	13.24	105	28	2.280	ug/l #	56
86) p-Isopropyltoluene	13.38	119	107	9.776	ug/l #	1
87) 1,3-Dichlorobenzene	13.27	146	19	3.529	ug/l #	1
88) 1,4-Dichlorobenzene	13.27	146	19	3.532	ug/l #	1
89) n-Butylbenzene	13.69	91	139	12.877	ug/l #	33
90) Hexachloroethane	13.94	117	89	43.987	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49	115.365	ug/l #	1
95) Naphthalene	15.23	128	195	26.410	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.31	180	57	19.102	ug/l #	1

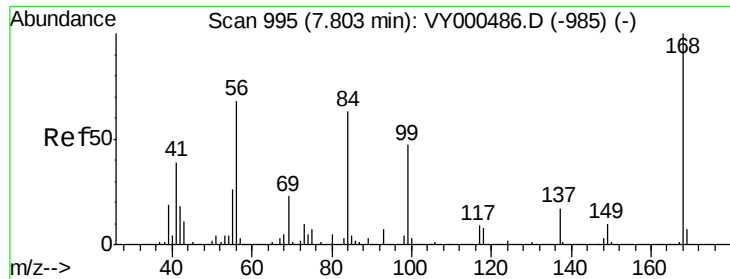
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

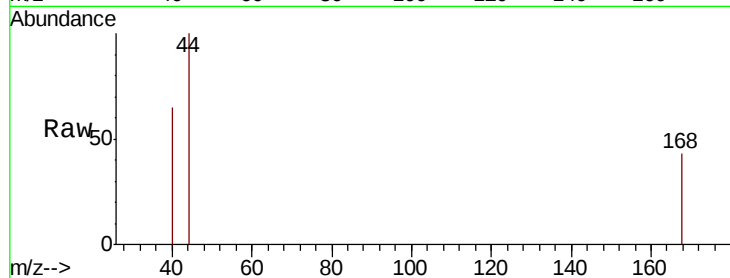
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 26

Ion Ratio Lower Upper

168 100

99 0.0 45.7 68.5#



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

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

150

100

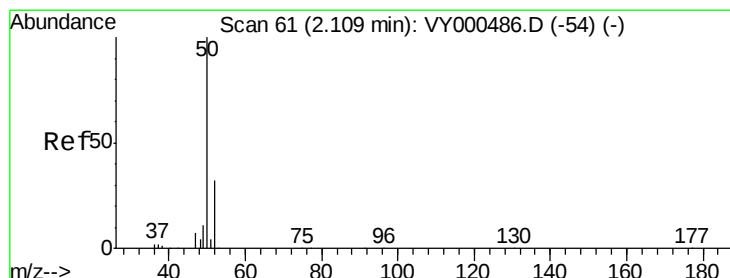
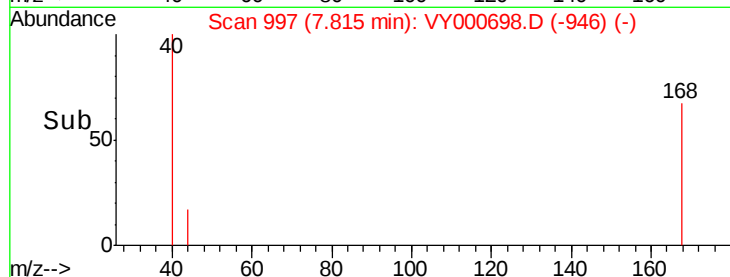
50

0

7.80 7.81 7.82 7.83

7.82

Time-->



#3

Chloromethane

Concen: 570.089 ug/l

RT: 2.10 min Scan# 60

Delta R.T. -0.01 min

Lab File: VY000698.D

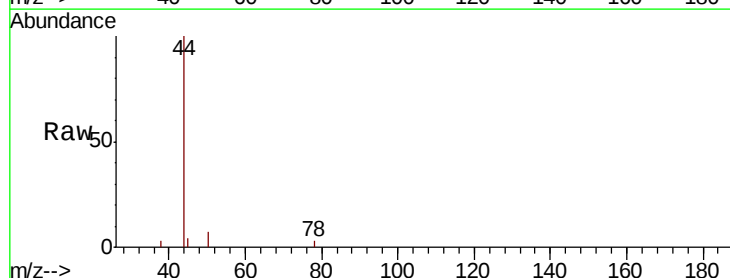
Acq: 15 Nov 2019 14:07

Tgt Ion: 50 Resp: 201

Ion Ratio Lower Upper

50 100

52 0.0 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) (-)

100

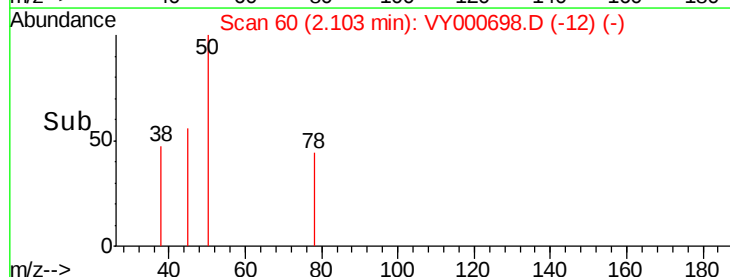
50

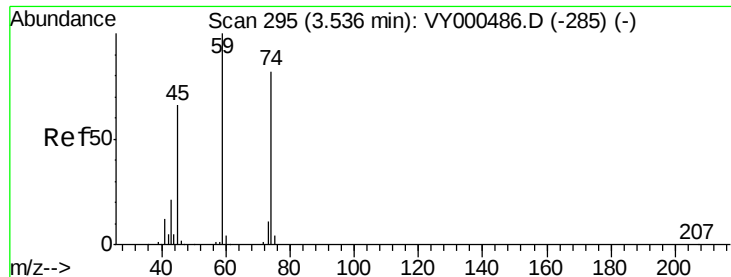
0

2.08 2.10 2.12 2.14

2.10

Time-->





#8

Diethyl Ether

Concen: 146.394 ug/l

RT: 3.68 min Scan# 319

Delta R.T. 0.15 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

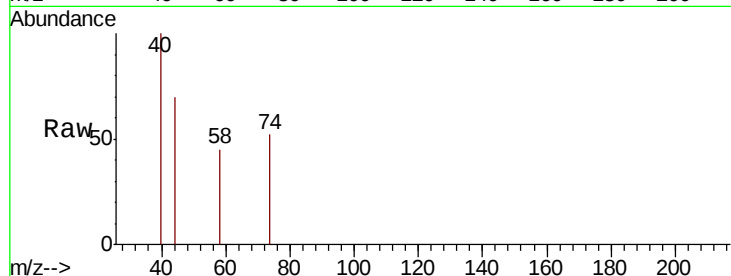
ClientSampleId :

Tot Ion: 74 Resp: 23

Ion Ratio Lower Upper

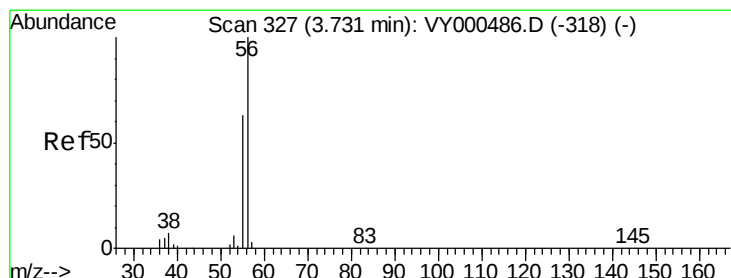
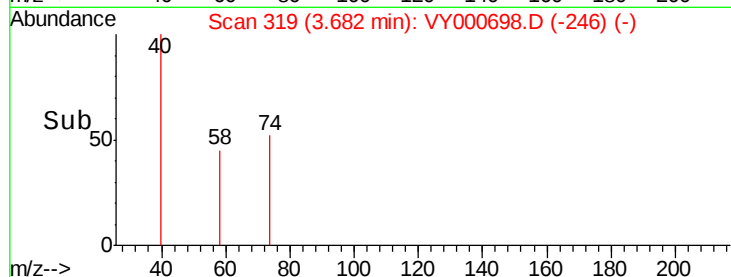
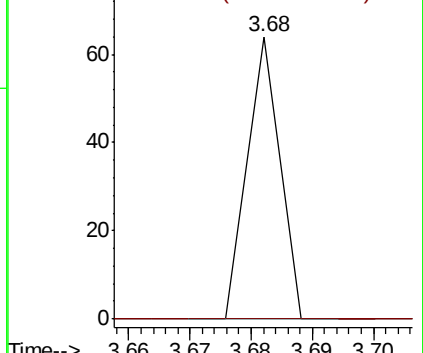
74 100

45 0.0 45.5 136.4#



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#13

Acrolein

Concen: 832.800 ug/l

RT: 3.78 min Scan# 335

Delta R.T. 0.05 min

Lab File: VY000698.D

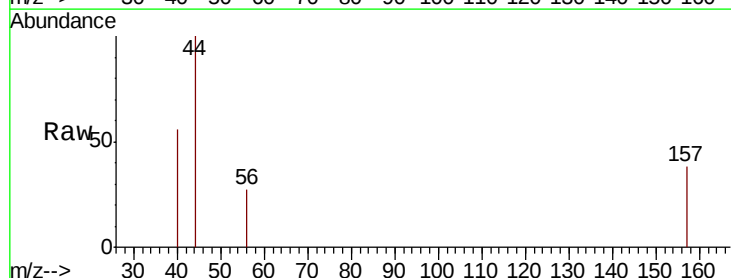
Acq: 15 Nov 2019 14:07

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

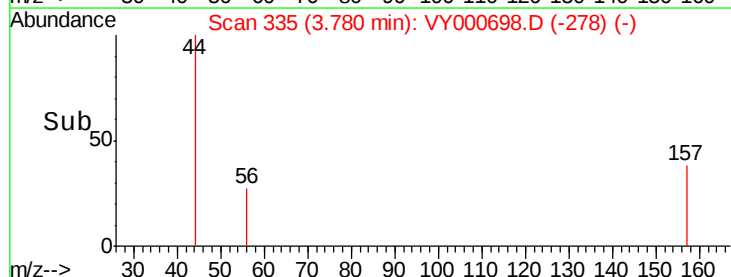
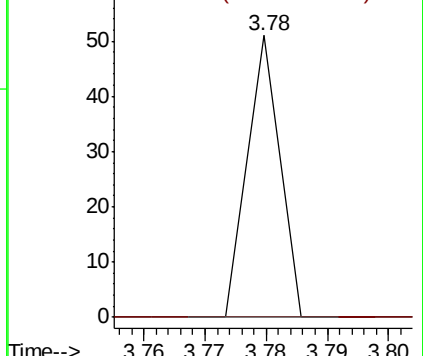
56 100

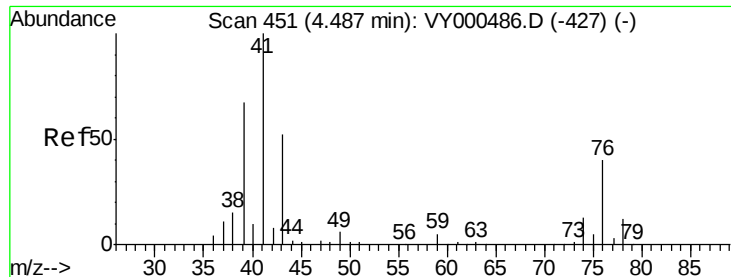
55 0.0 57.0 85.6#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0





#14

Allvl chloride

Concen: 47.359 ug/l

RT: 4.45 min Scan# 445

Delta R.T. -0.04 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampleId :

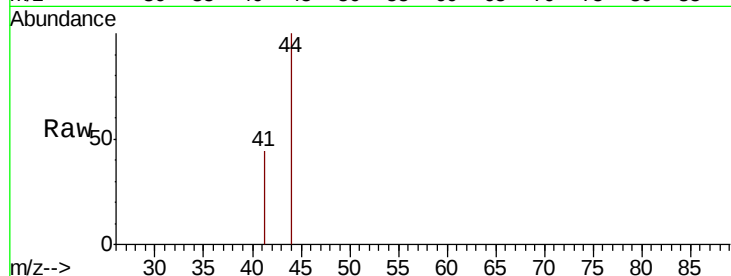
Tot Ion: 41 Resp: 20

Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

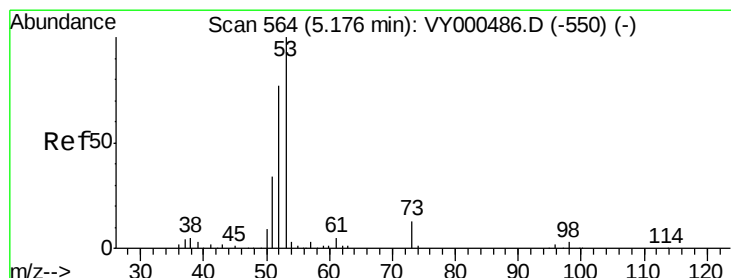
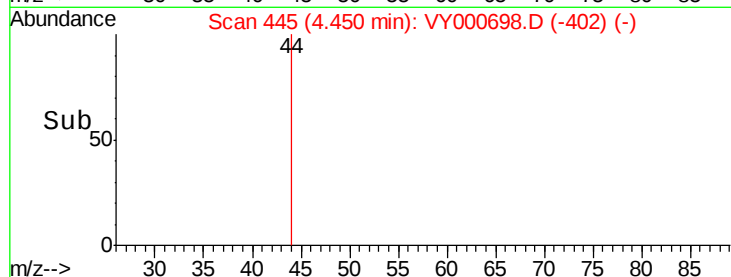
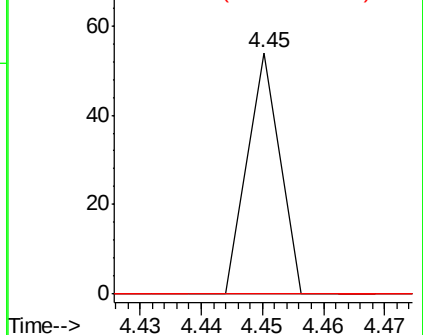
76 0.0 29.8 44.6#



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



#15

Acrylonitrile

Concen: 559.127 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.19 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

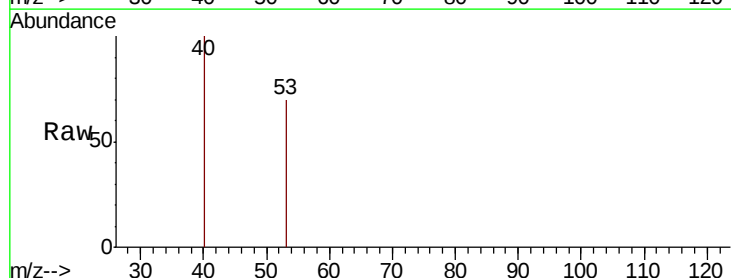
Tgt Ion: 53 Resp: 45

Ion Ratio Lower Upper

53 100

52 0.0 64.9 97.3#

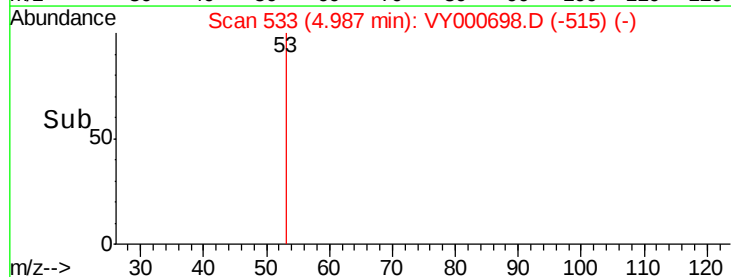
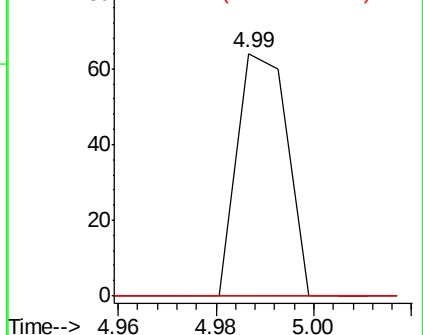
51 0.0 27.6 41.4#

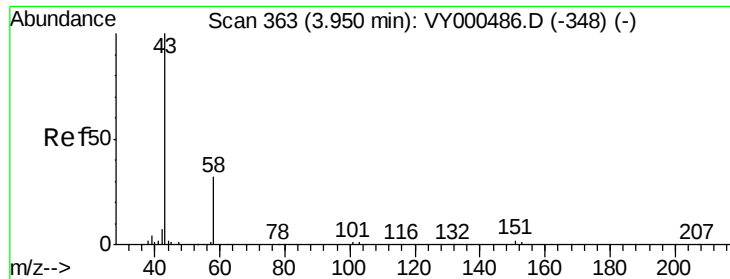


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0

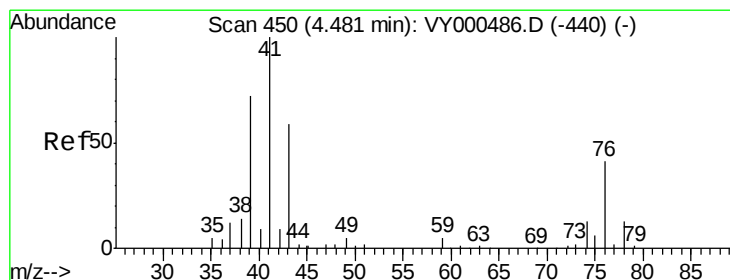
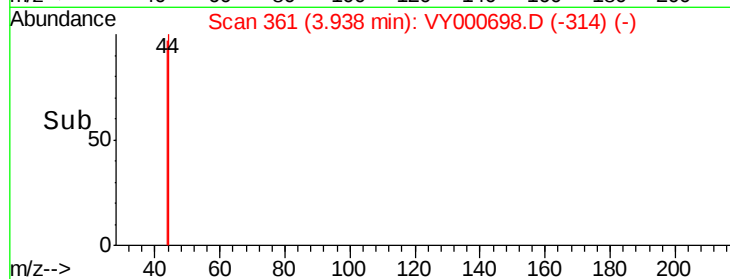
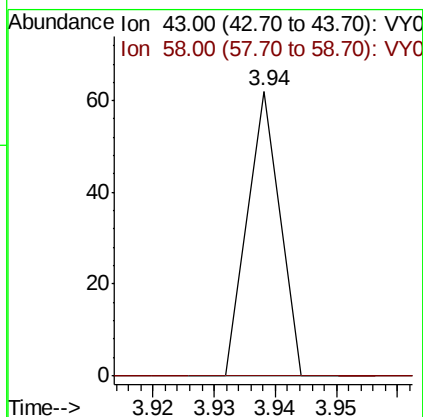
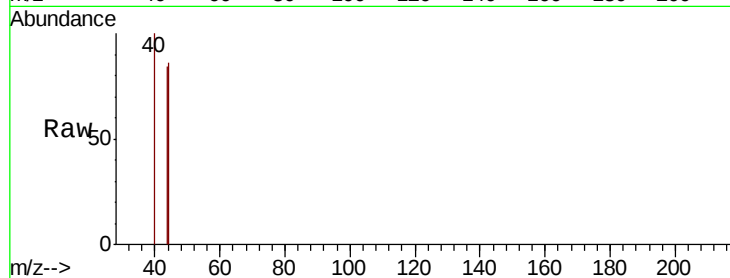




#16
Acetone
Concen: 310.150 ug/l
RT: 3.94 min Scan# 361
Delta R.T. -0.01 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

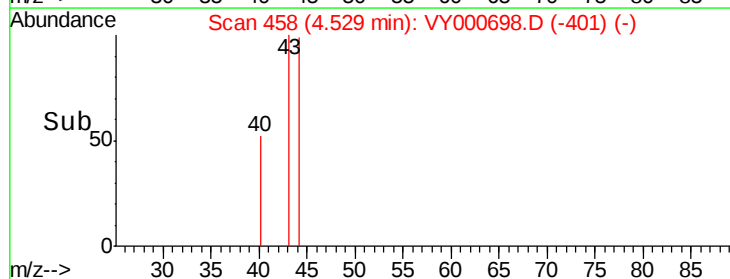
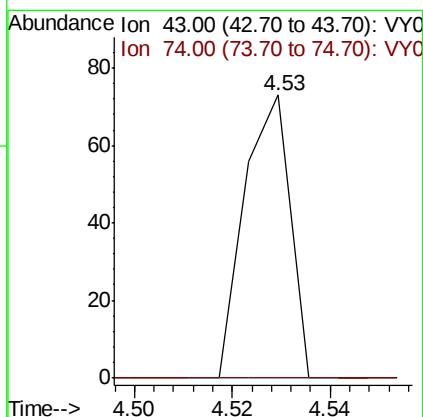
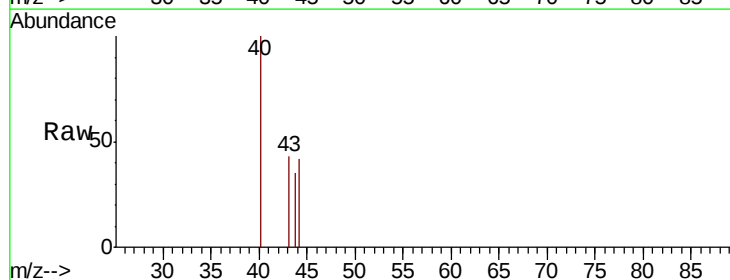
Instrument :
MSVOA_Y
ClientSampleId :

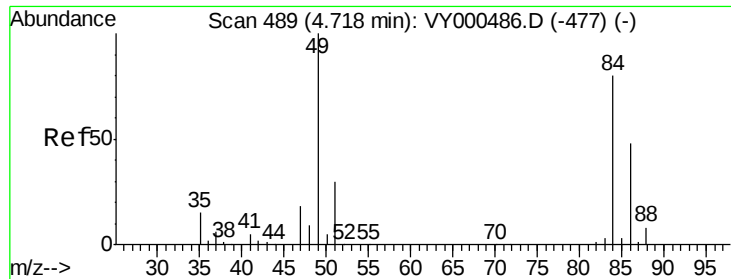
Tot Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#18
Methyl Acetate
Concen: 203.833 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.05 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

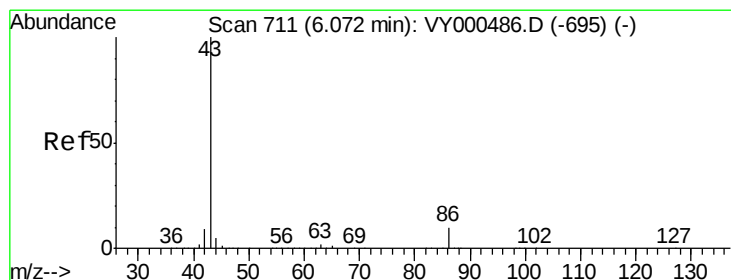
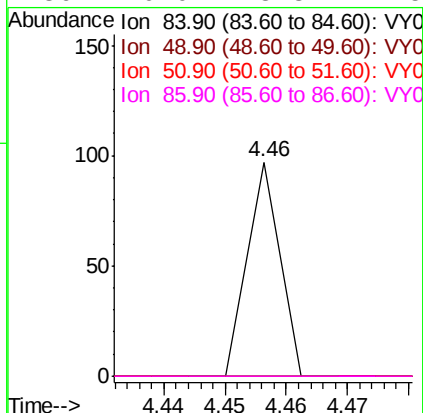
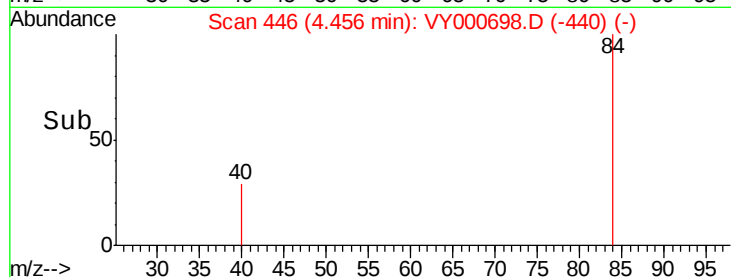
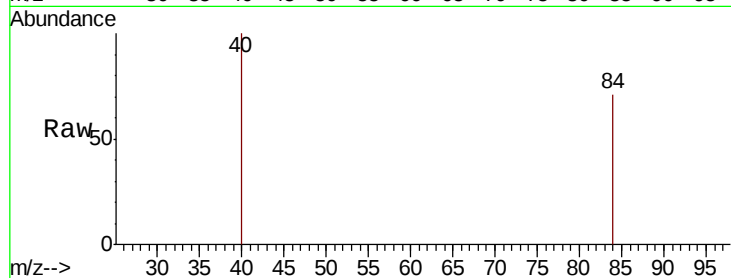




#20
Methvlene Chloride
Concen: 110.147 ug/l
RT: 4.46 min Scan# 446
Delta R.T. -0.26 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

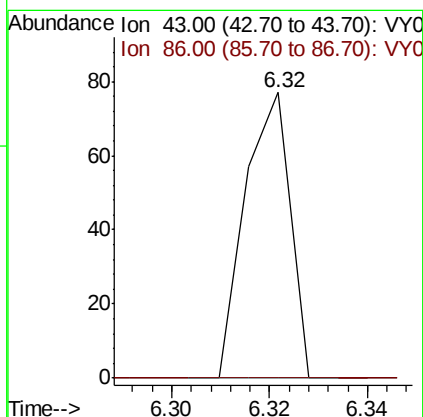
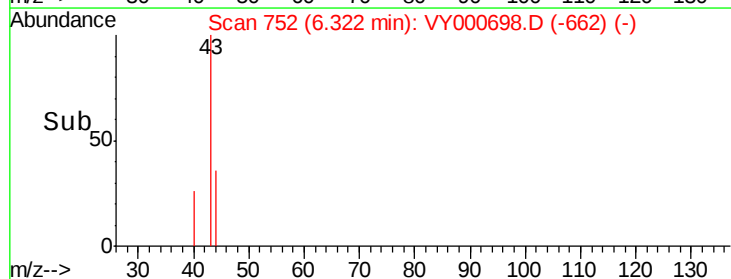
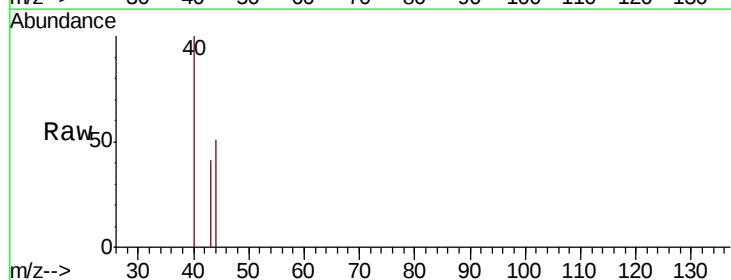
Instrument :
MSVOA_Y
ClientSampleId :

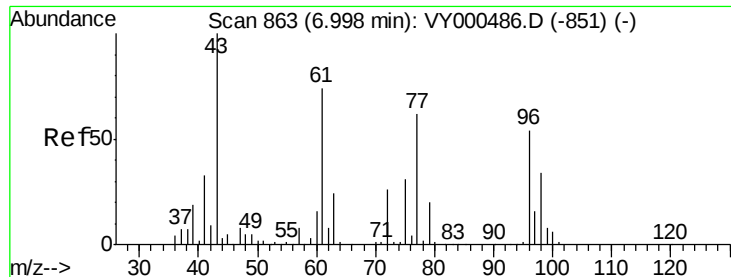
Tot Ion: 84 Resp: 35
Ion Ratio Lower Upper
84 100
49 0.0 100.2 150.4#
51 0.0 29.6 44.4#
86 0.0 48.3 72.5#



#23
Vinyl Acetate
Concen: 84.566 ug/l
RT: 6.32 min Scan# 752
Delta R.T. 0.25 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.6#





#25

2-Butanone

Concen: 549.214 ug/l

RT: 7.24 min Scan# 903

Delta R.T. 0.24 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

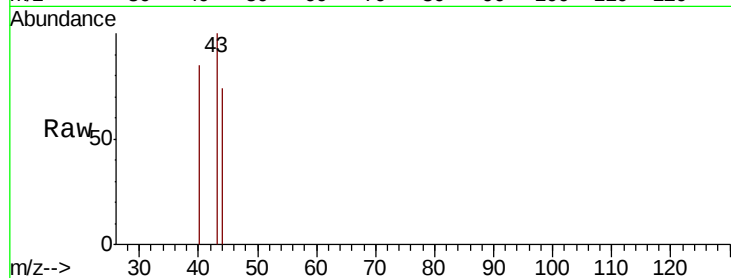
ClientSampleId :

Tot Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.24

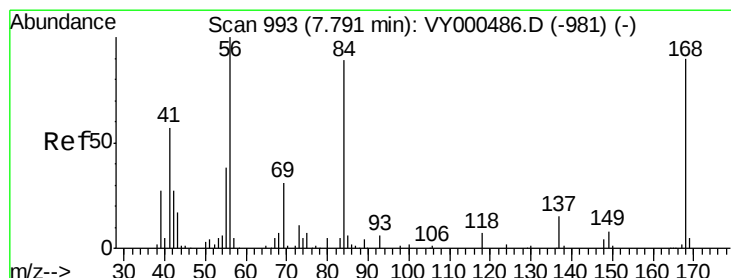
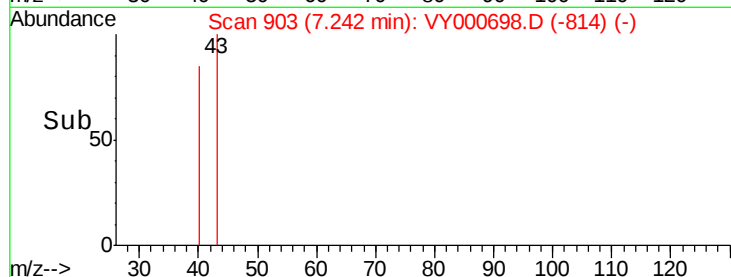
150

100

50

0

Time--> 7.22 7.23 7.24 7.25 7.26



#31

Cyclohexane

Concen: 55.681 ug/l

RT: 7.88 min Scan# 1007

Delta R.T. 0.09 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

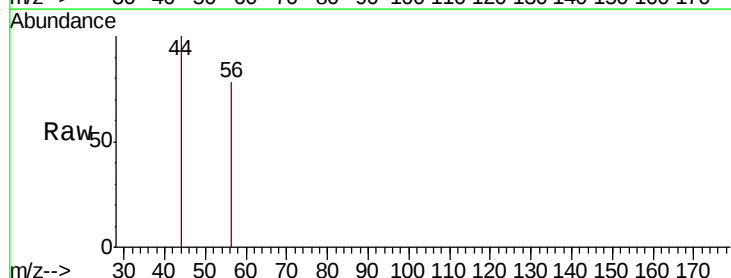
Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

69 0.0 25.0 37.6#

84 0.0 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

100

80

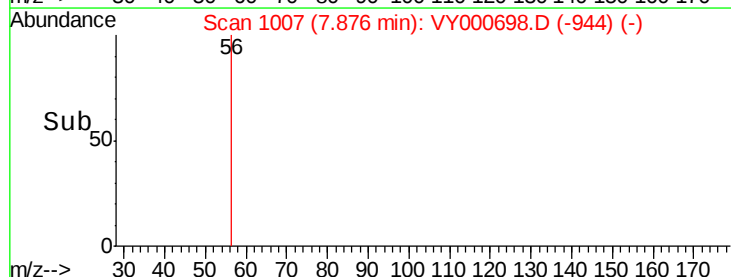
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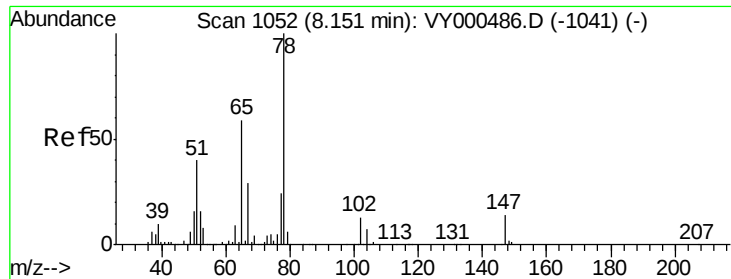
40

20

0

Time--> 7.86 7.87 7.88 7.89

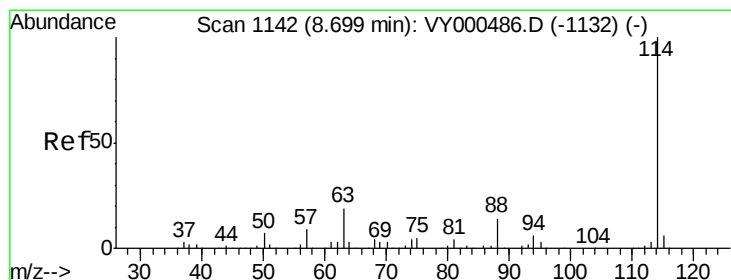
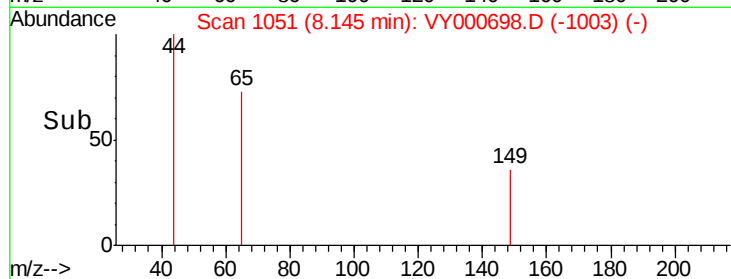
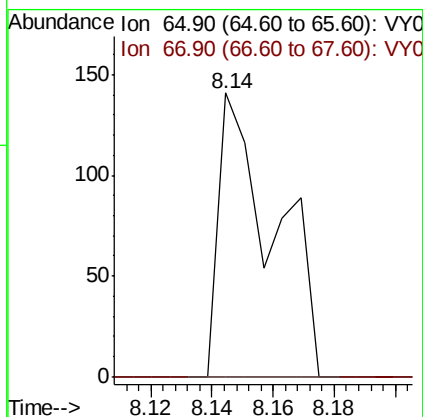
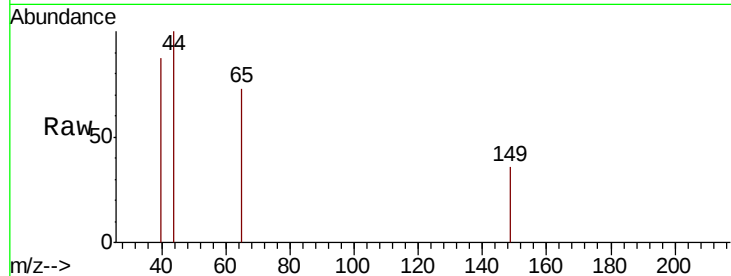




#33
 1,2-Dichloroethane-d4
 Concen: 650.398 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

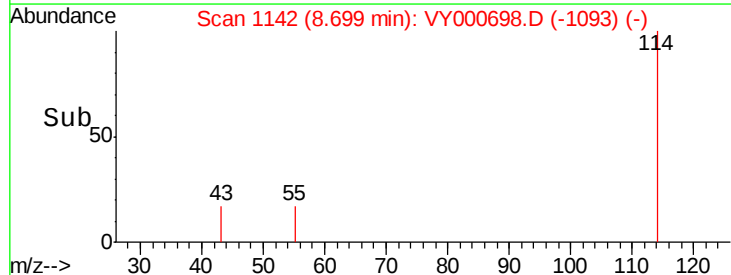
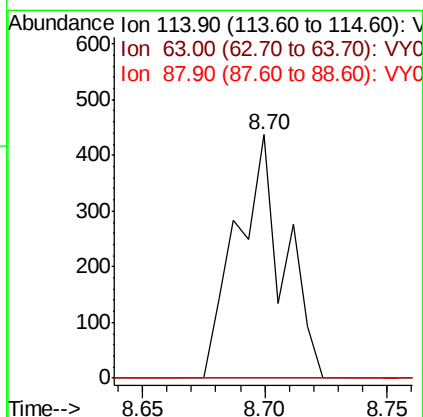
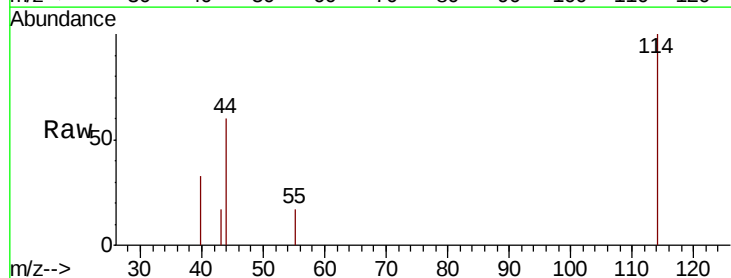
Instrument :
 MSVOA_Y
 ClientSampleId :

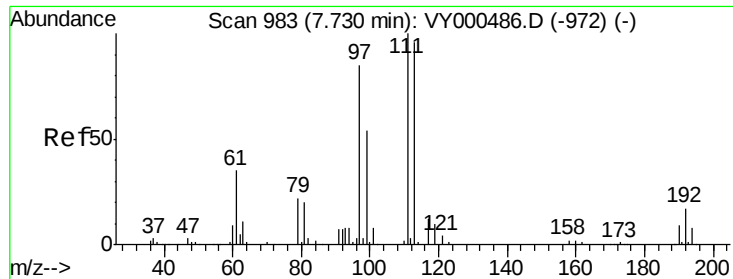
Tot Ion: 65 Resp: 175
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Tgt Ion: 114 Resp: 591
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 38.0
 88 0.0 0.0 28.6

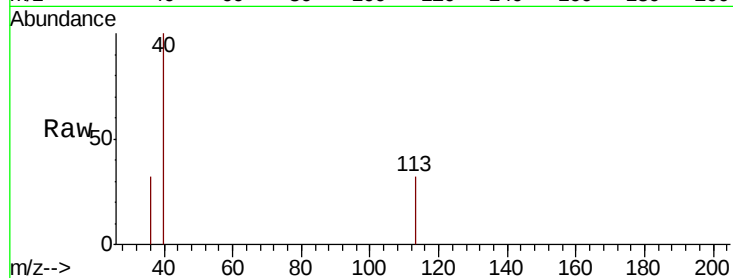




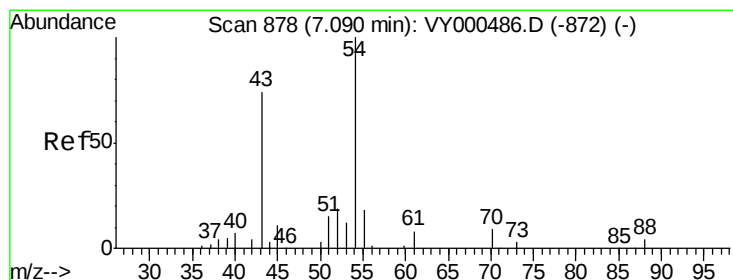
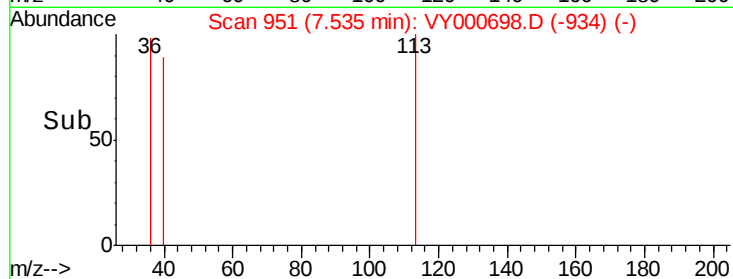
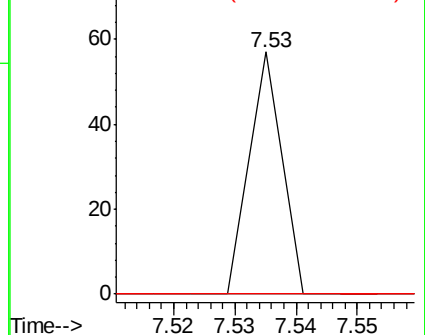
#35
 Dibromofluoromethane
 Concen: 6.053 ug/l
 RT: 7.53 min Scan# 951
 Delta R.T. -0.20 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.7	122.5#
192	0.0	15.0	22.4#

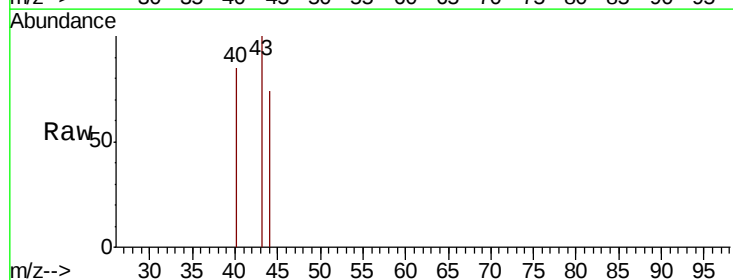


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

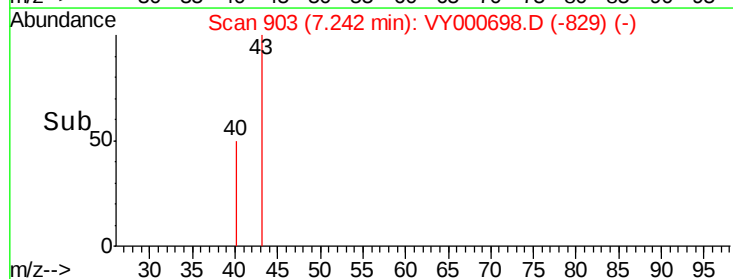
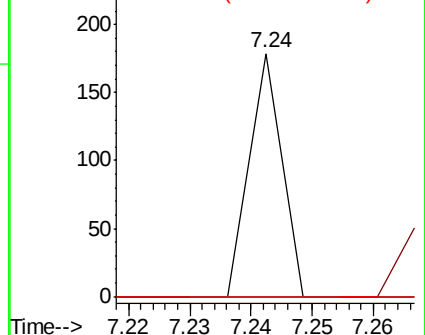


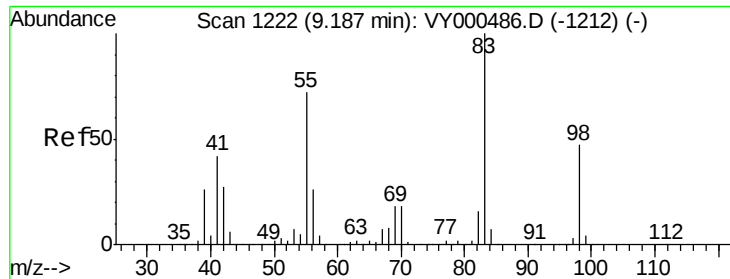
#37
 Ethyl Acetate
 Concen: 19.596 ug/l
 RT: 7.24 min Scan# 903
 Delta R.T. 0.15 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	7.8	11.8#



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

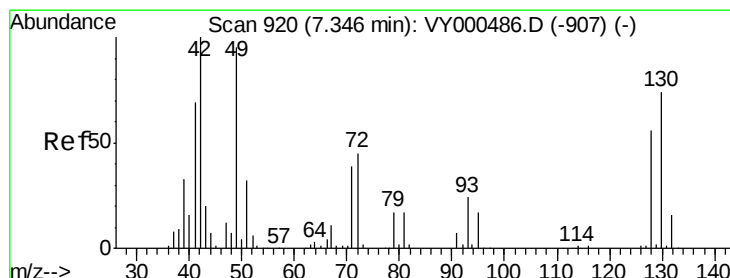
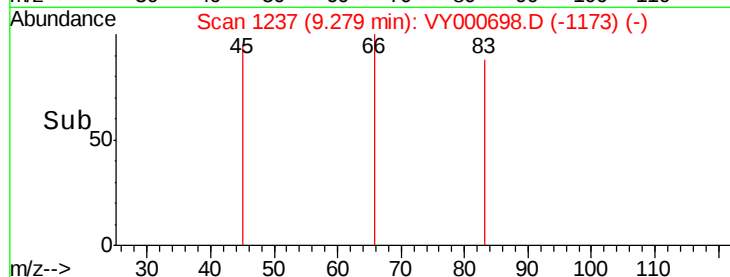
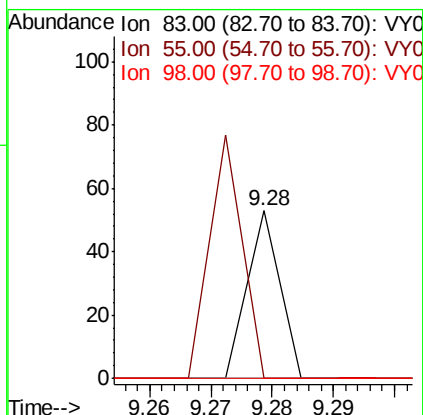
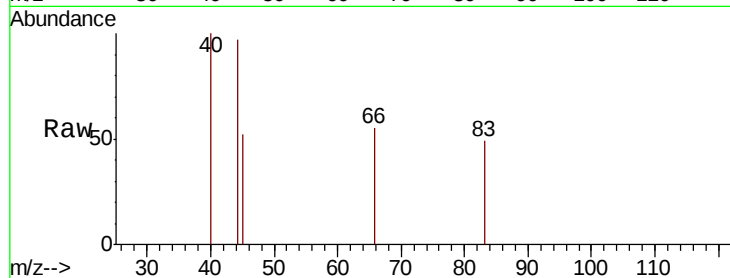




#39
Methylcyclohexane
Concen: 2.632 ug/l
RT: 9.28 min Scan# 1237
Delta R.T. 0.09 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

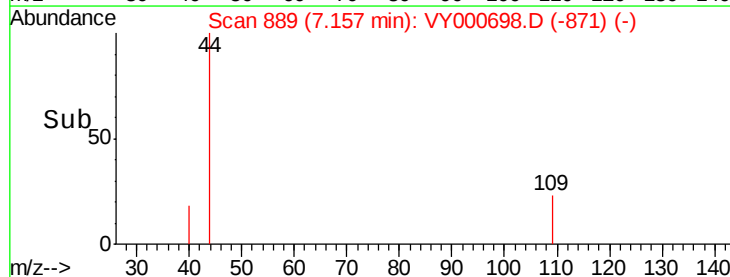
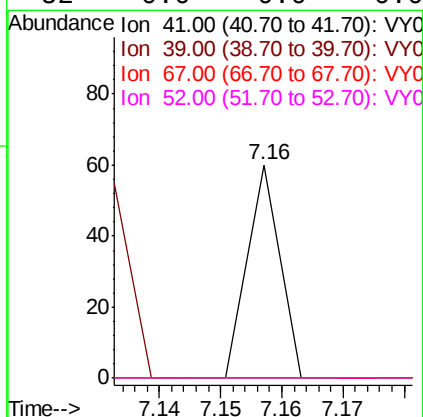
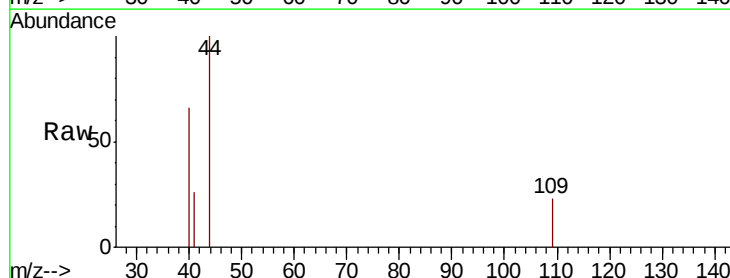
Instrument :
MSVOA_Y
ClientSampled :

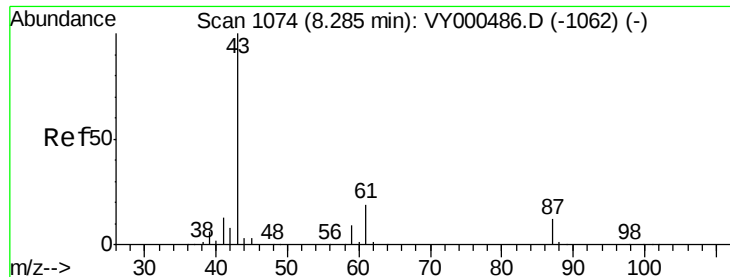
Tot Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 0.0 38.0 57.0#



#41
Methacrylonitrile
Concen: 11.889 ug/l
RT: 7.16 min Scan# 889
Delta R.T. -0.19 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 7.222 ug/l

RT: 8.39 min Scan# 1092

Delta R.T. 0.11 min

Lab File: VY000698.D

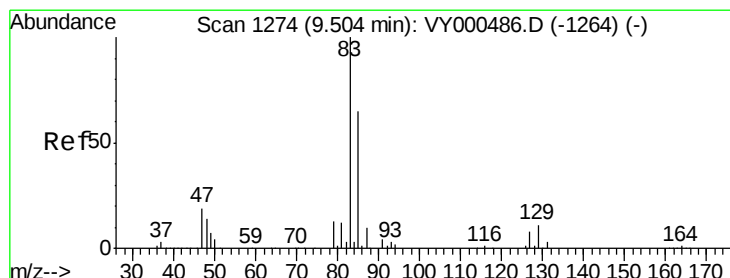
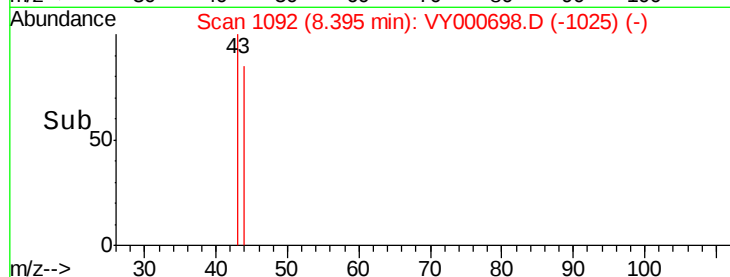
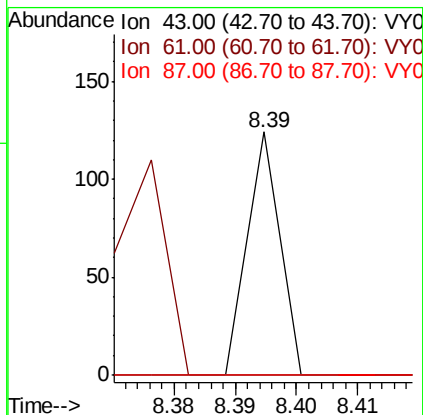
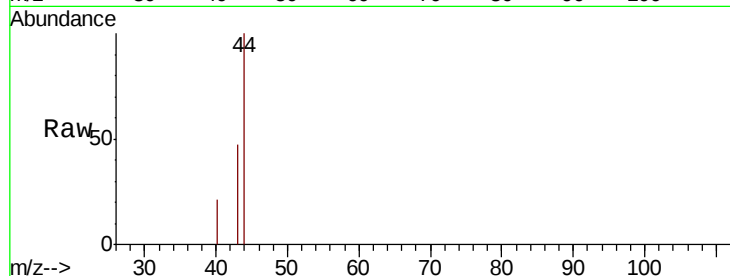
Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	43	Resp:	45
Ion	Ratio	Lower	Upper
43	100		
61	140.0	23.0	34.4#
87	0.0	10.5	15.7#



#47

Bromodichloromethane

Concen: 3.612 ug/l

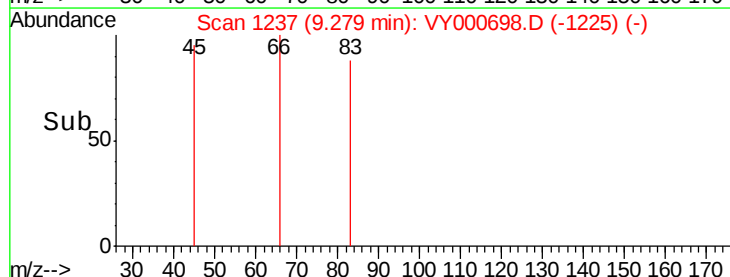
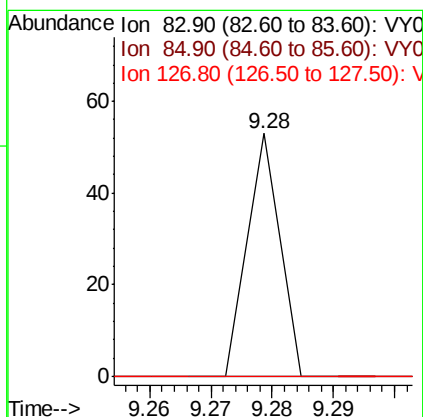
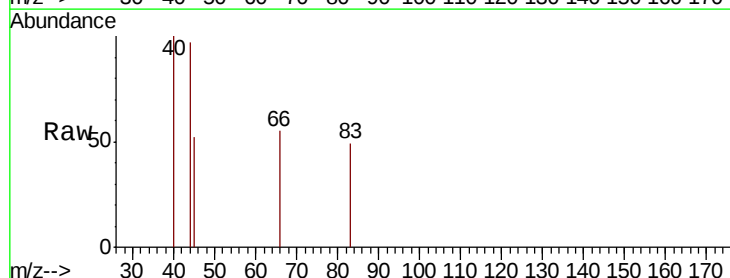
RT: 9.28 min Scan# 1237

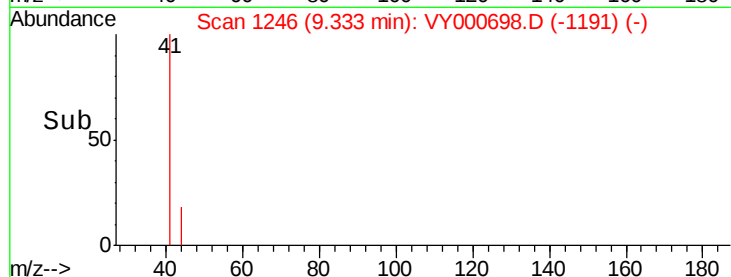
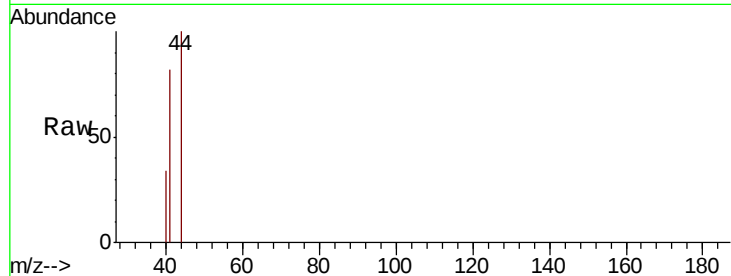
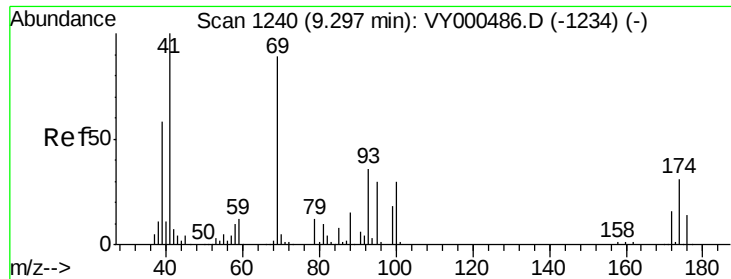
Delta R.T. -0.23 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Tgt Ion:	83	Resp:	19
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.8#
127	0.0	6.7	10.1#





#48

Methyl methacrylate

Concen: 44.812 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.04 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampled :

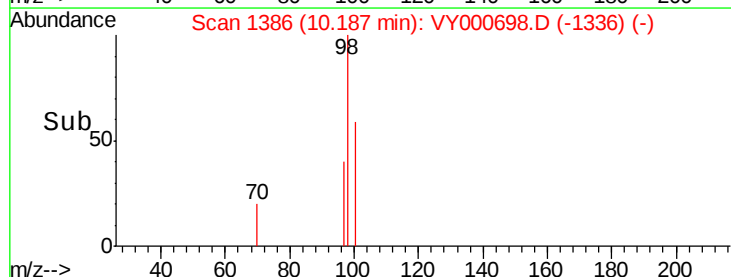
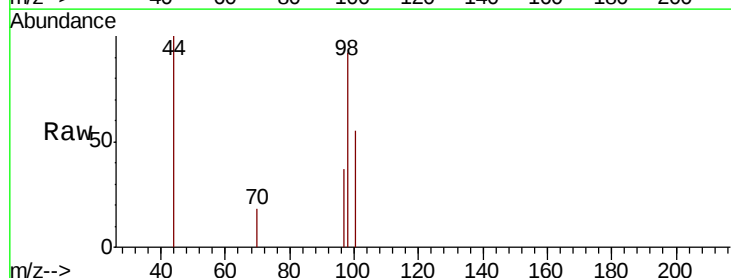
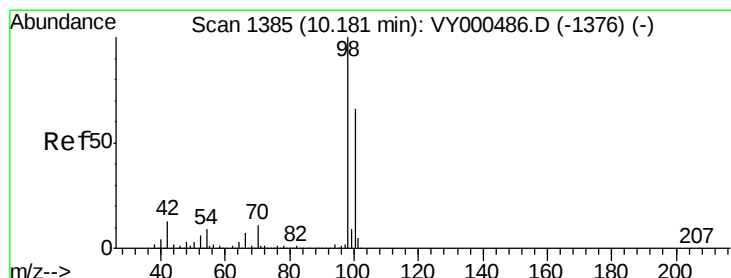
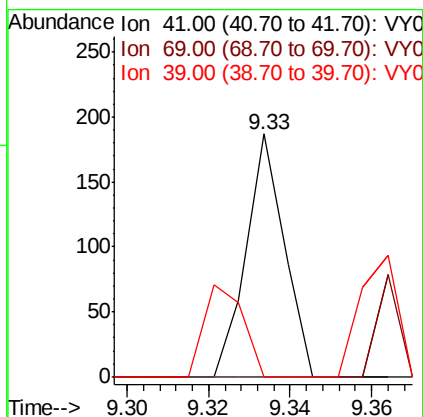
Tot Ion: 41 Resp: 122

Ion Ratio Lower Upper

41 100

69 0.0 72.5 108.7#

39 38.5 47.8 71.8#



#50

Toluene-d8

Concen: 39.726 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000698.D

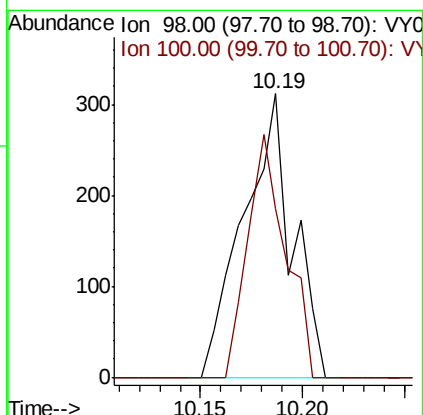
Acq: 15 Nov 2019 14:07

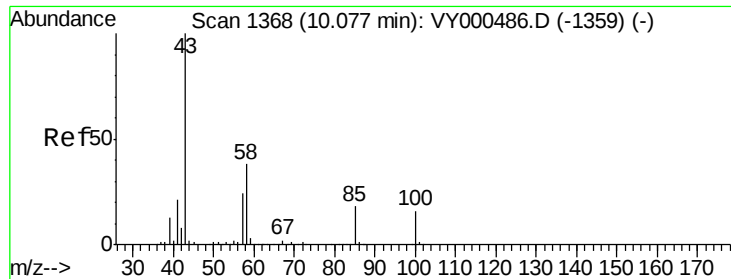
Tgt Ion: 98 Resp: 523

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 14.489 ug/l

RT: 10.13 min Scan# 1377

Delta R.T. 0.05 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

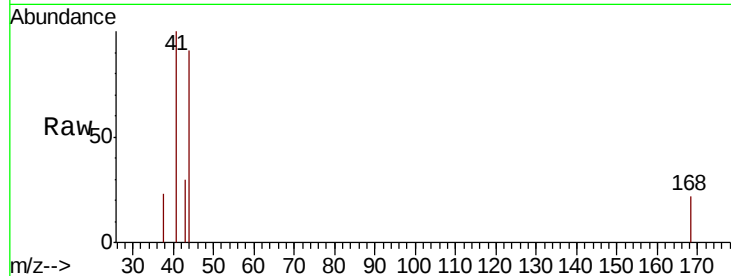
ClientSampleId :

Tot Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.13

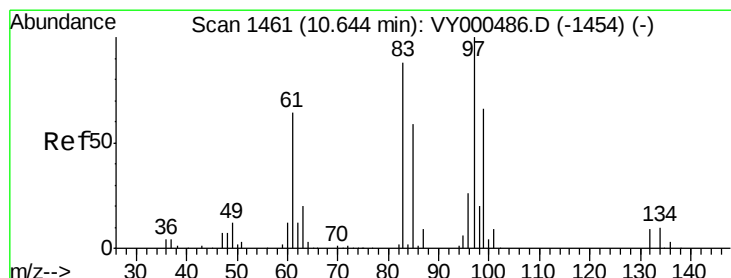
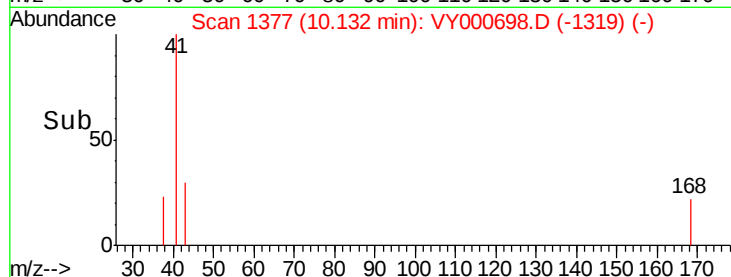
60

40

20

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 5.925 ug/l

RT: 10.58 min Scan# 1450

Delta R.T. -0.07 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Tgt Ion: 97 Resp: 19

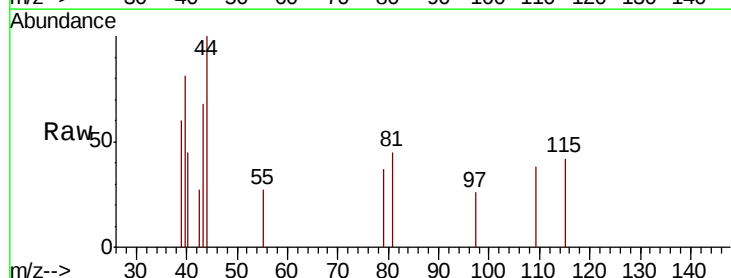
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.4#

85 0.0 46.9 70.3#

99 0.0 52.6 78.8#



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

10.58

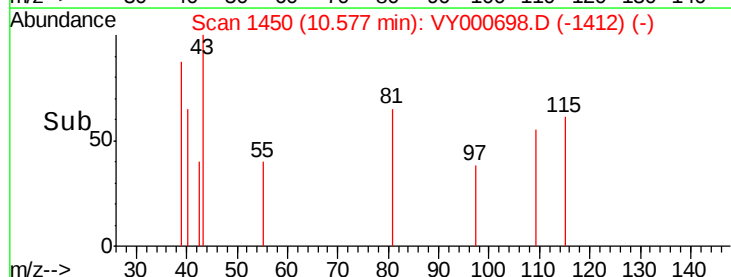
60

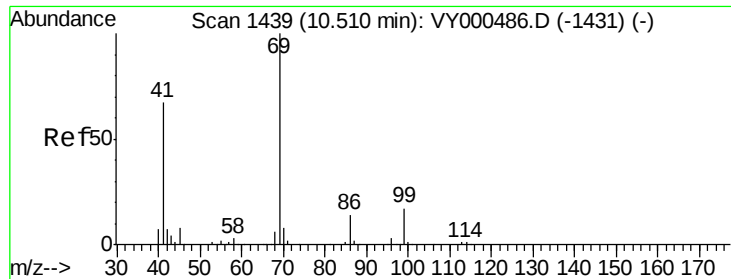
40

20

0

Time-->





#56

Ethyl methacrylate

Concen: 4.180 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. -0.02 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampleId :

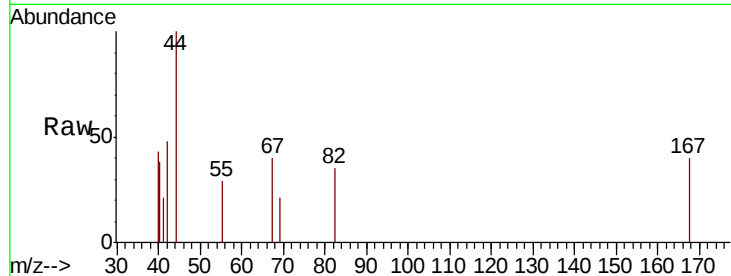
Tot Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 557.9 53.3 79.9#

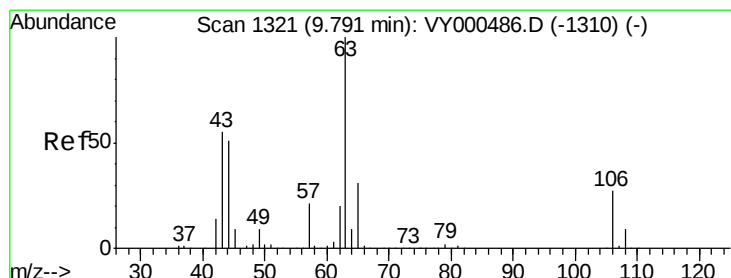
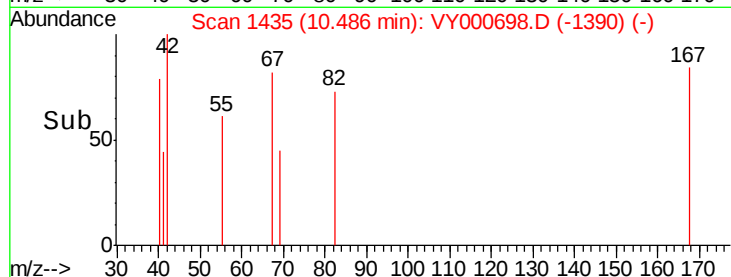
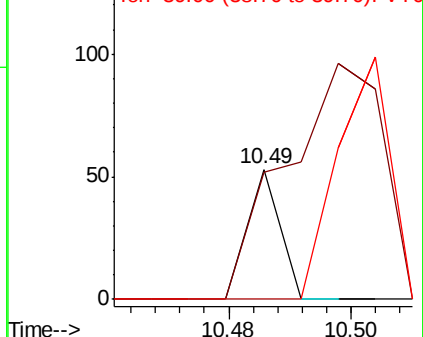
39 310.5 28.0 42.0#



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



#58

2-Chloroethyl Vinyl ether

Concen: 11.193 ug/l

RT: 9.85 min Scan# 1330

Delta R.T. 0.05 min

Lab File: VY000698.D

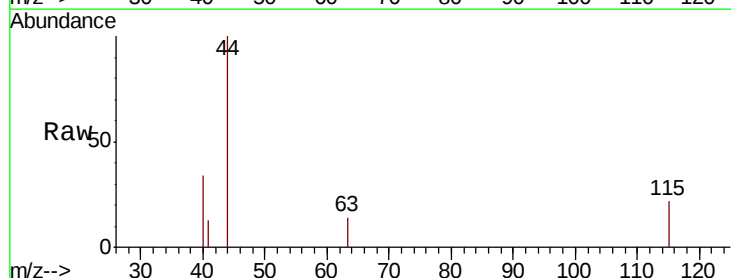
Acq: 15 Nov 2019 14:07

Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

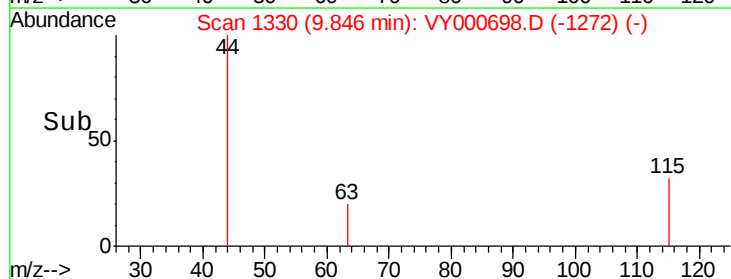
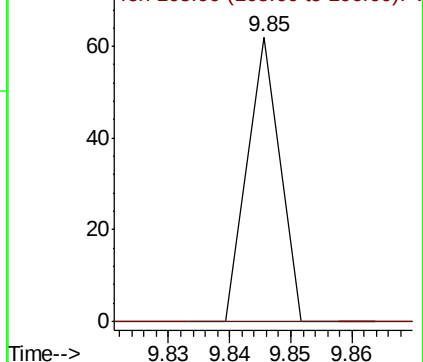
63 100

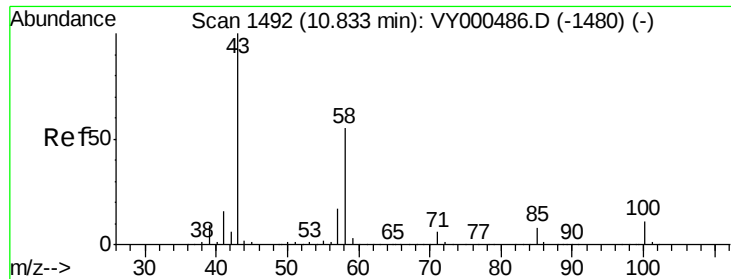
106 0.0 22.6 33.8#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

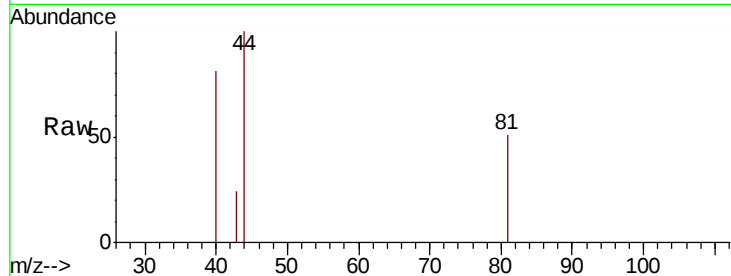




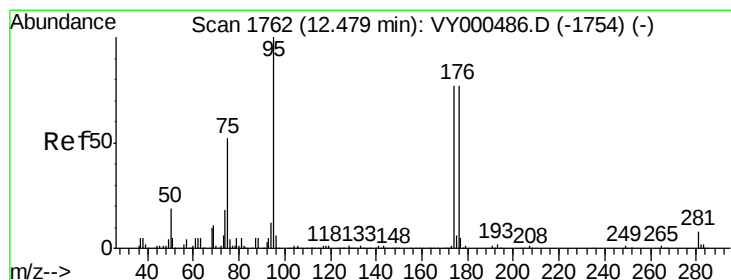
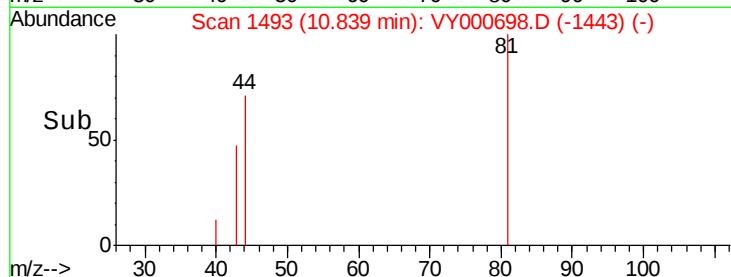
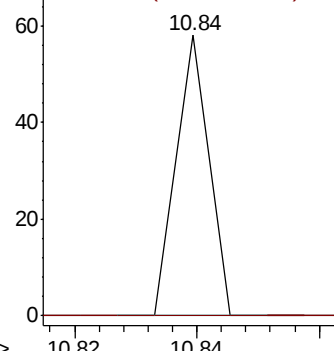
#59
2-Hexanone
Concen: 8.700 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#

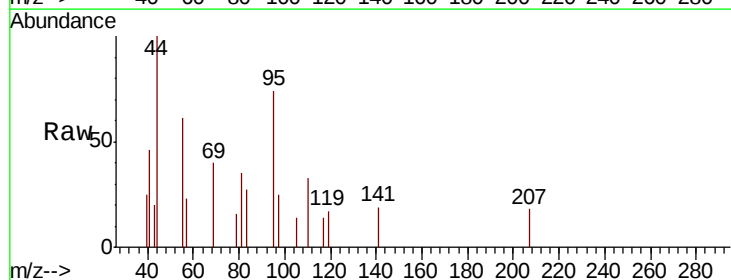


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

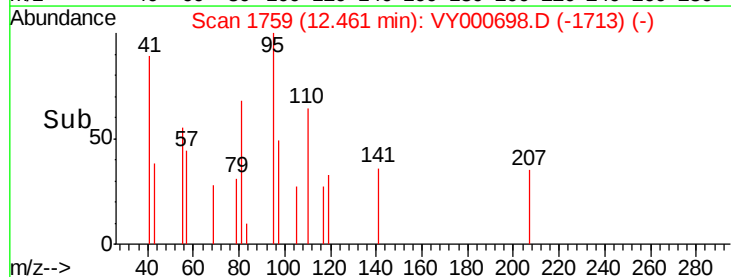
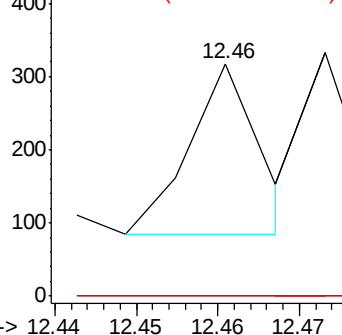


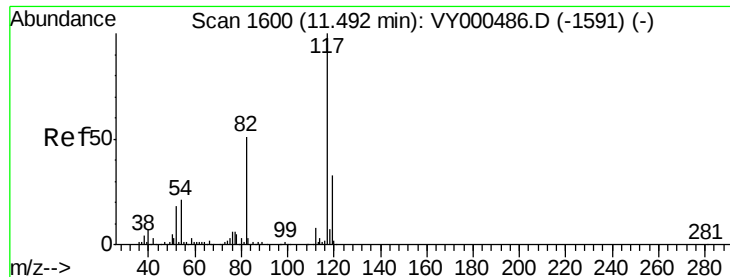
#62
4-Bromofluorobenzene
Concen: 27.734 ug/l
RT: 12.46 min Scan# 1759
Delta R.T. -0.02 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion: 95 Resp: 139
Ion Ratio Lower Upper
95 100
174 0.0 0.0 161.6
176 0.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampleId :

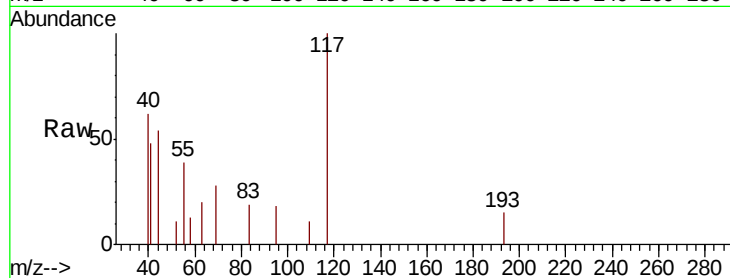
Tot Ion:117 Resp: 480

Ion Ratio Lower Upper

117 100

82 0.0 40.8 61.2#

119 0.0 26.2 39.2#

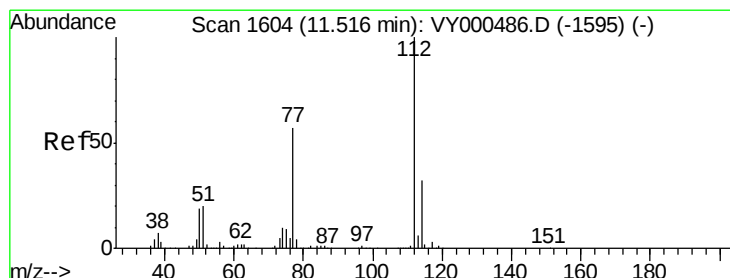
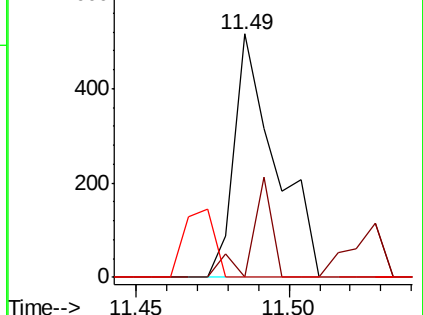
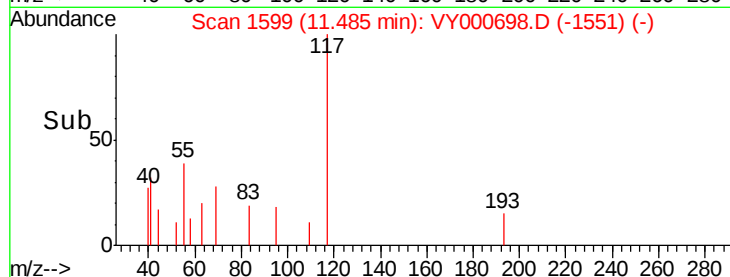


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V

Time-->



#65

Chlorobenzene

Concen: 2.261 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.02 min

Lab File: VY000698.D

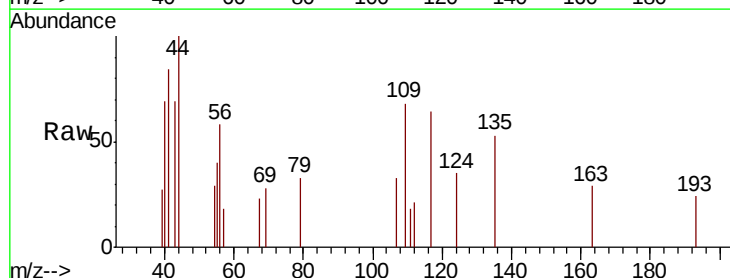
Acq: 15 Nov 2019 14:07

Tgt Ion:112 Resp: 22

Ion Ratio Lower Upper

112 100

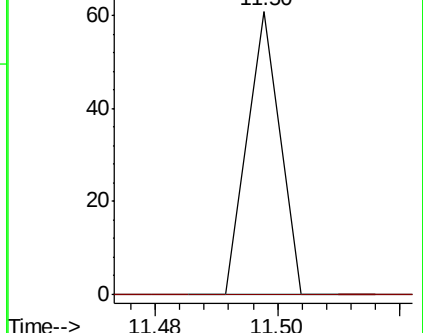
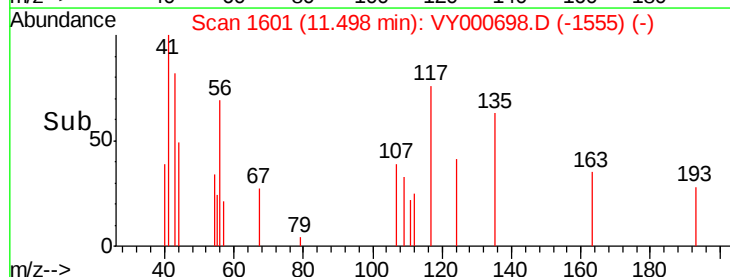
114 0.0 25.3 37.9#

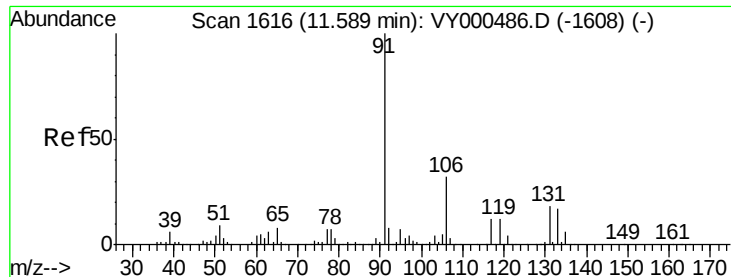


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->

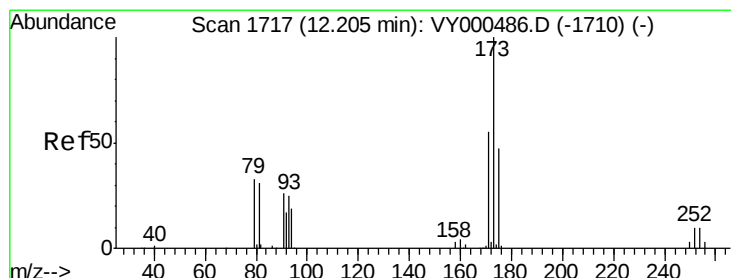
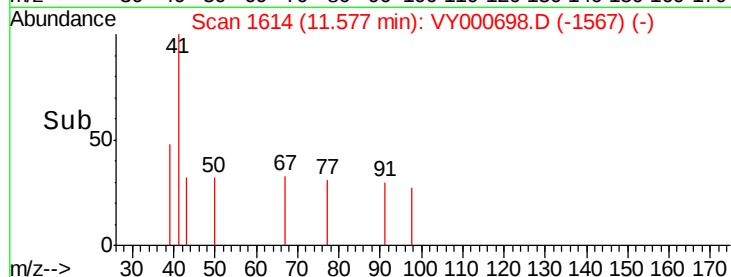
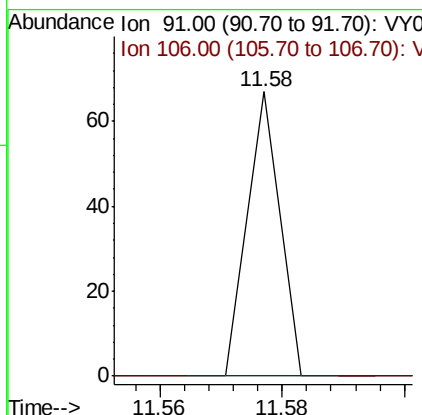
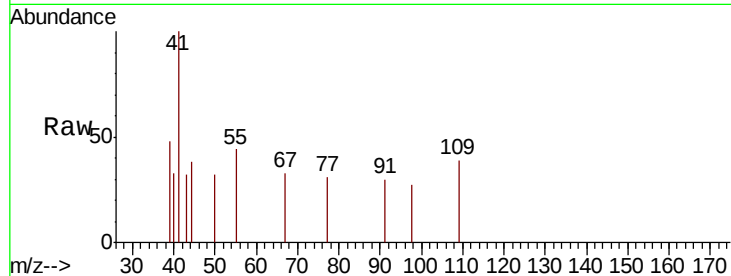




#67
Ethyl Benzene
Concen: 1.396 ug/l
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

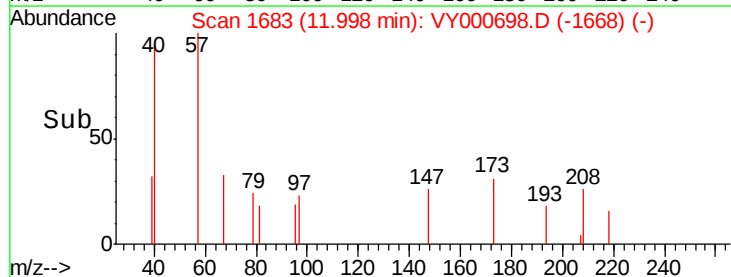
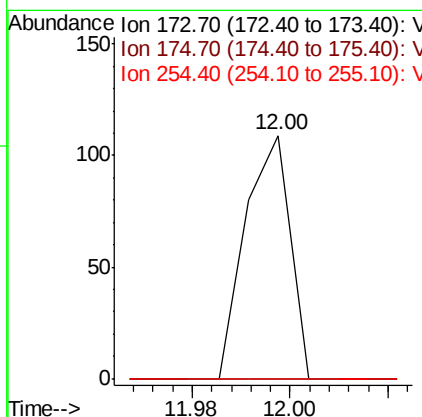
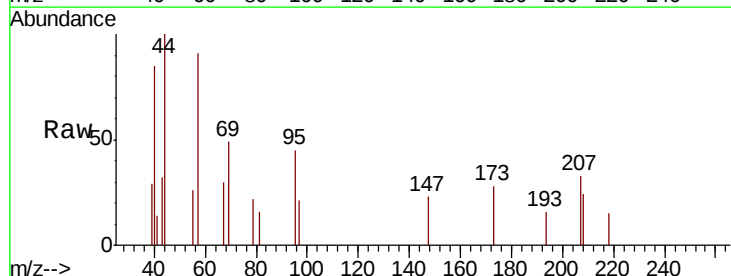
Instrument :
MSVOA_Y
ClientSampleId :

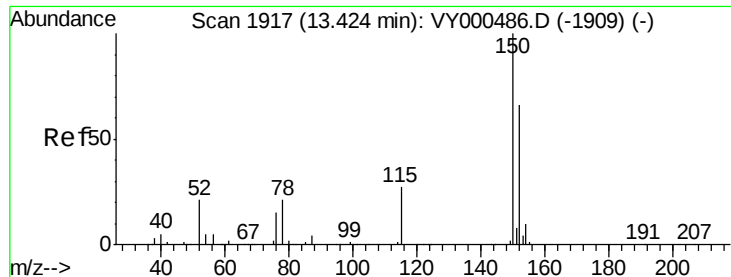
Tot Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
106 0.0 25.4 38.0#



#71
Bromoform
Concen: 35.543 ug/l
RT: 12.00 min Scan# 1683
Delta R.T. -0.21 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion: 173 Resp: 69
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.41 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampleId :

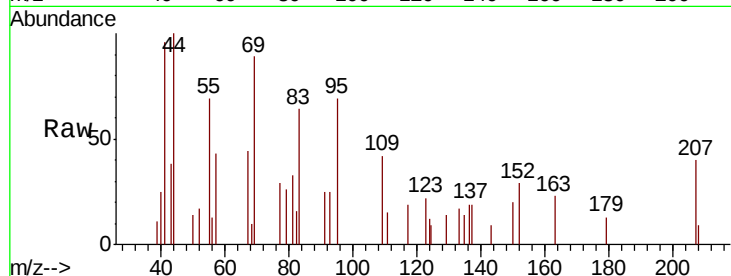
Tot Ion:152 Resp: 164

Ion Ratio Lower Upper

152 100

115 38.4 29.1 87.4

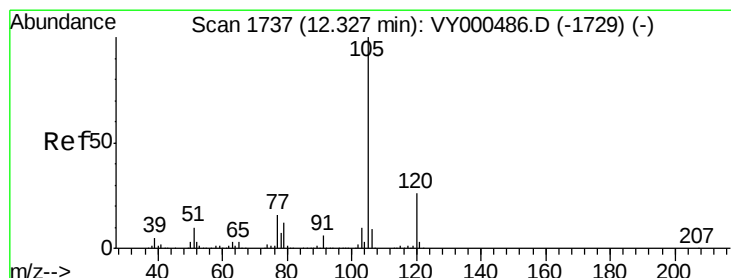
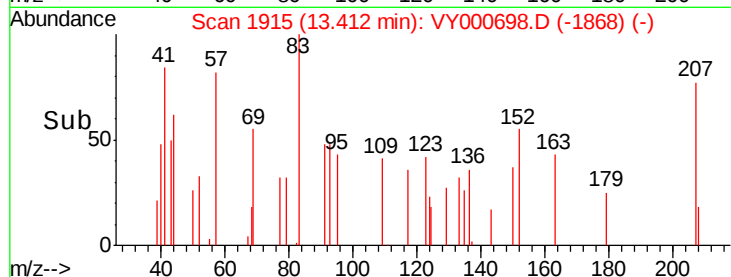
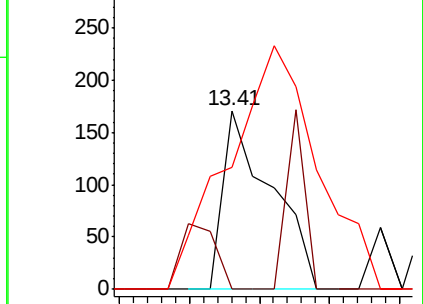
150 251.8 0.0 348.8



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



#73

Isopropylbenzene

Concen: 5.198 ug/l

RT: 12.27 min Scan# 1727

Delta R.T. -0.06 min

Lab File: VY000698.D

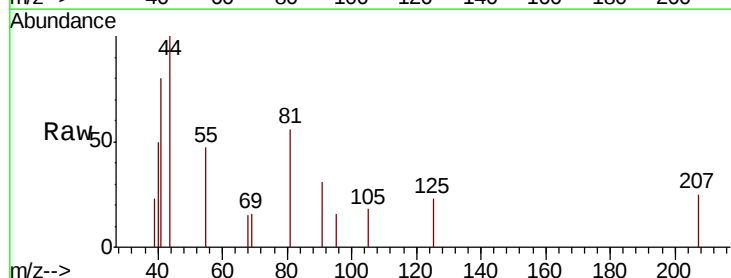
Acq: 15 Nov 2019 14:07

Tgt Ion:105 Resp: 63

Ion Ratio Lower Upper

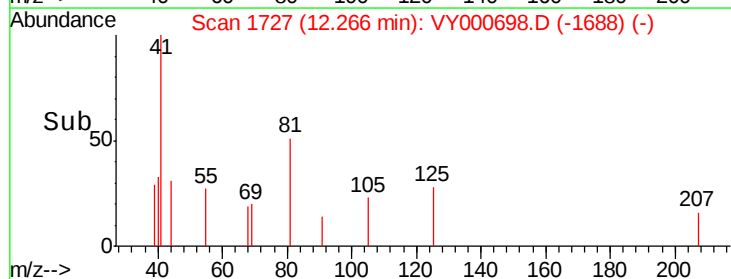
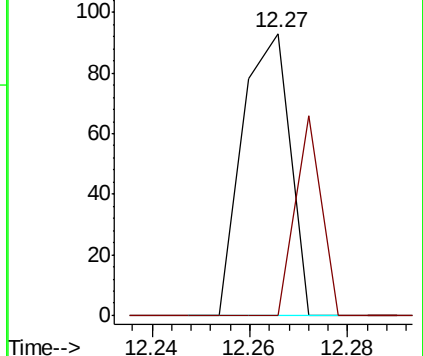
105 100

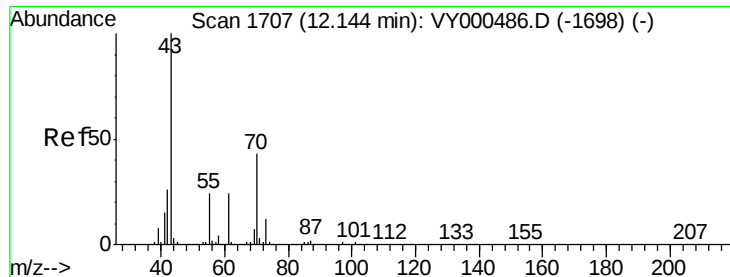
120 38.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 114.363 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.01 min

Lab File: VY000698.D

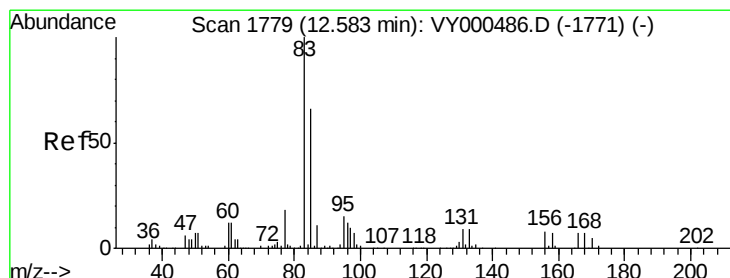
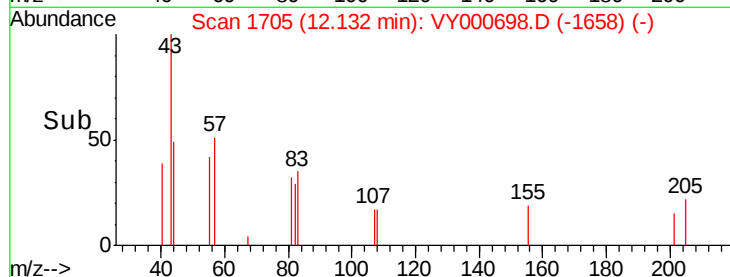
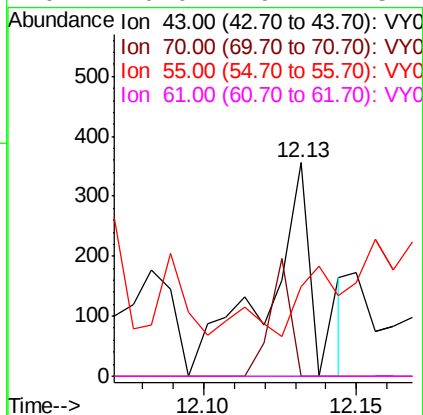
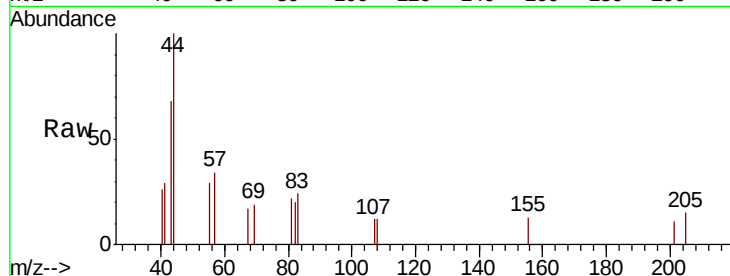
Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:	43	Resp:	397
Ion	Ratio	Lower	Upper
43	100		
70	23.2	33.1	49.7#
55	24.9	18.0	27.0
61	0.0	19.1	28.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 46.668 ug/l

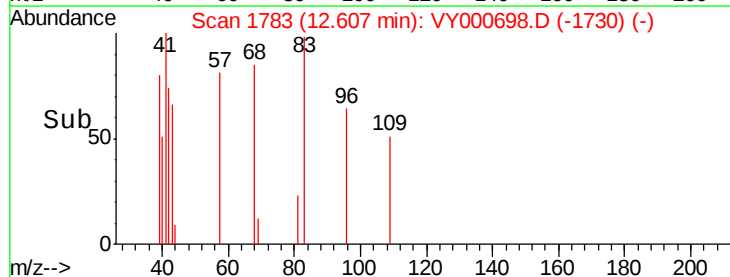
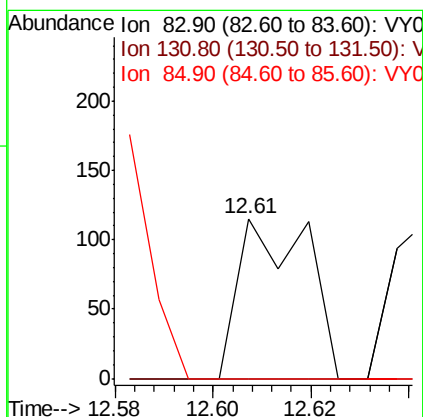
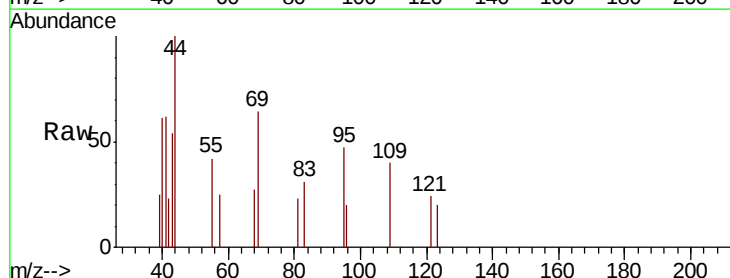
RT: 12.61 min Scan# 1783

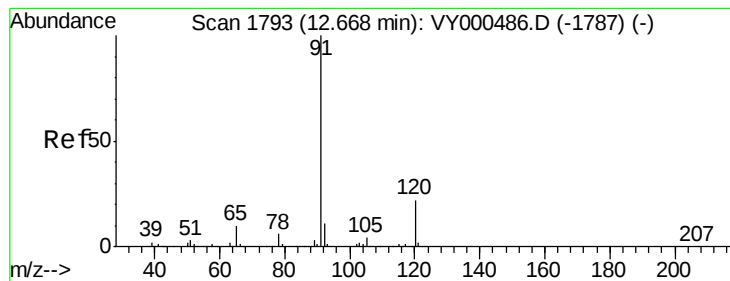
Delta R.T. 0.02 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Tgt Ion:	83	Resp:	112
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.3	96.9#





#78

n-propylbenzene

Concen: 15.043 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

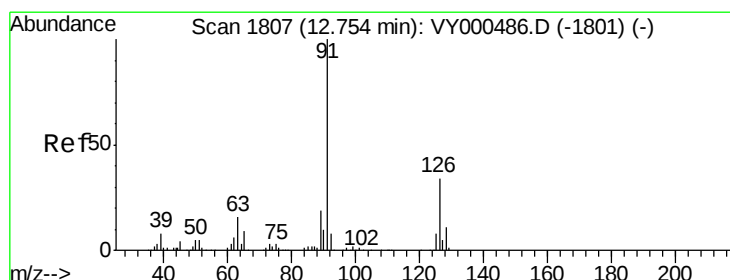
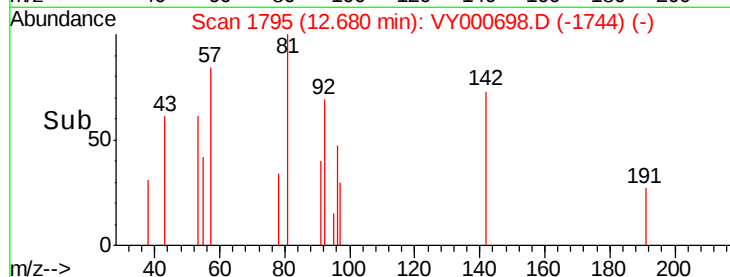
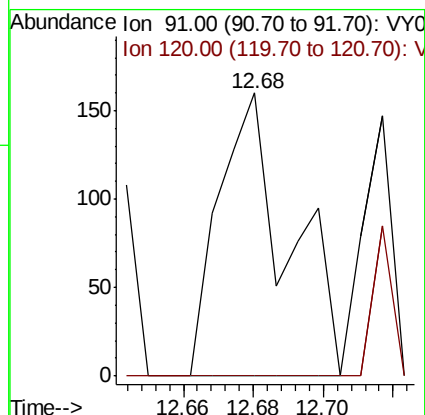
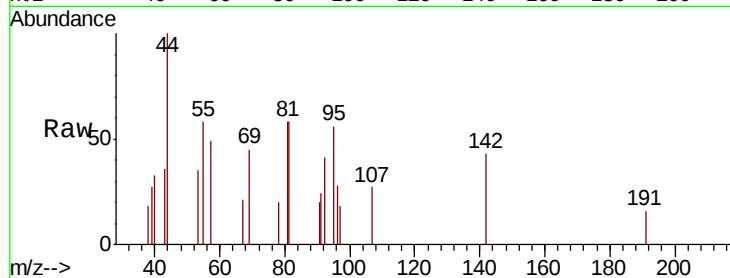
ClientSampled :

Tot Ion: 91 Resp: 220

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



#79

2-Chlorotoluene

Concen: 14.903 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000698.D

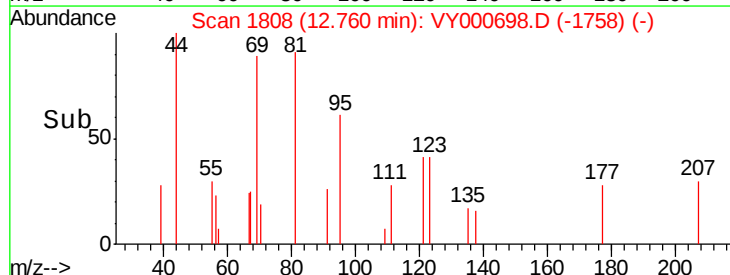
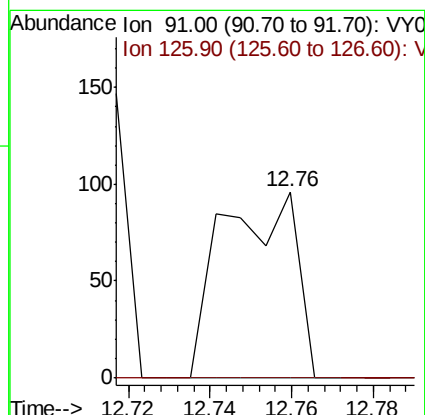
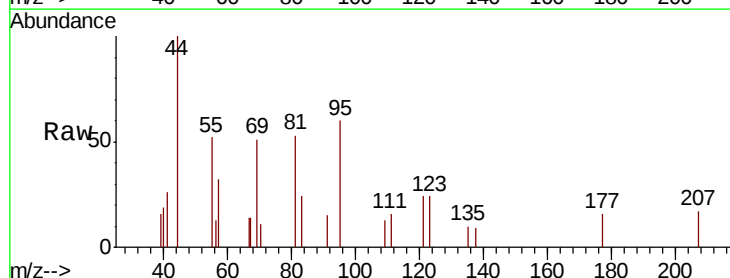
Acq: 15 Nov 2019 14:07

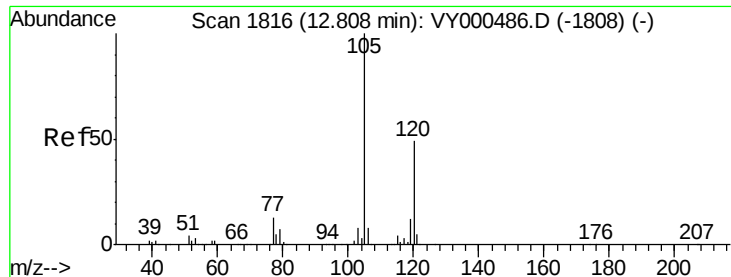
Tgt Ion: 91 Resp: 121

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 4.854 ug/l

RT: 12.70 min Scan# 1799

Delta R.T. -0.10 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

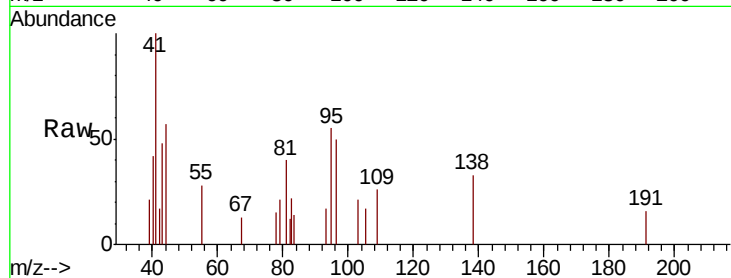
ClientSampled :

Tot Ion:105 Resp: 49

Ion Ratio Lower Upper

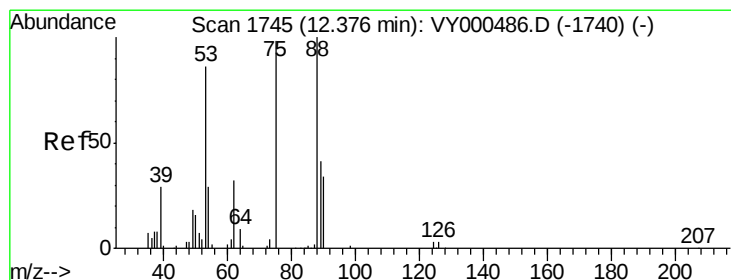
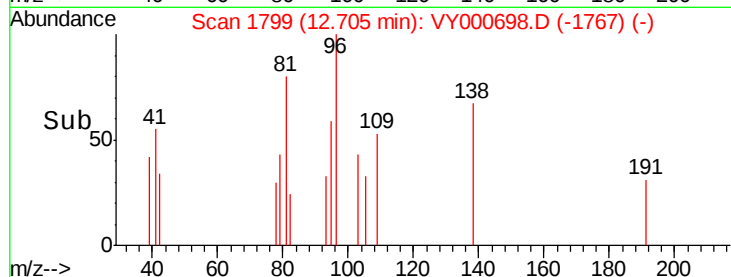
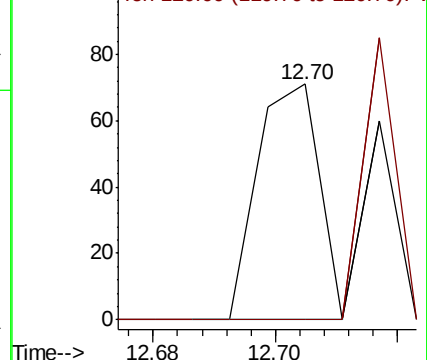
105 100

120 63.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 32.419 ug/l

RT: 12.17 min Scan# 1712

Delta R.T. -0.20 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

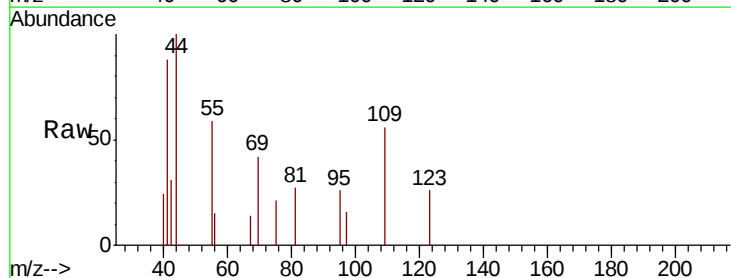
Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

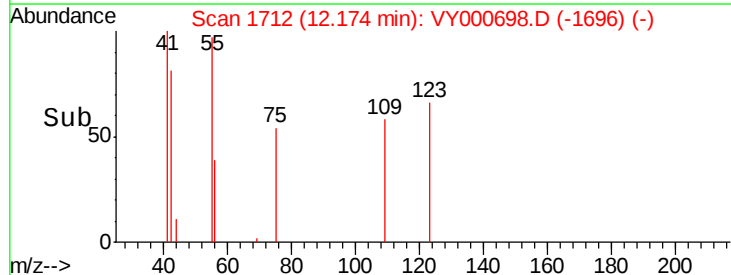
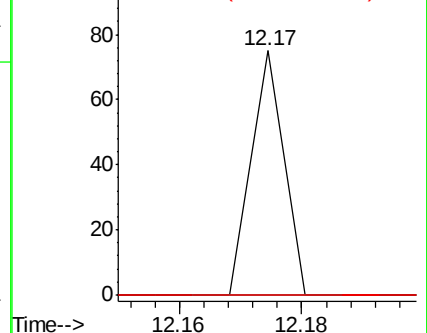
89 0.0 35.9 53.9#

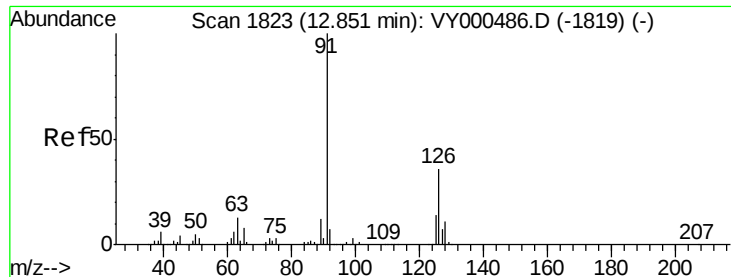


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 42.419 ug/l

RT: 12.85 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

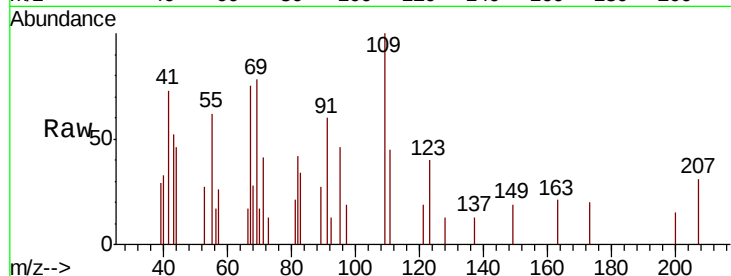
ClientSampled :

Tot Ion: 91 Resp: 357

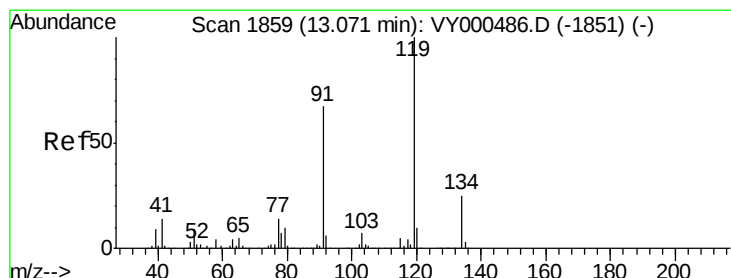
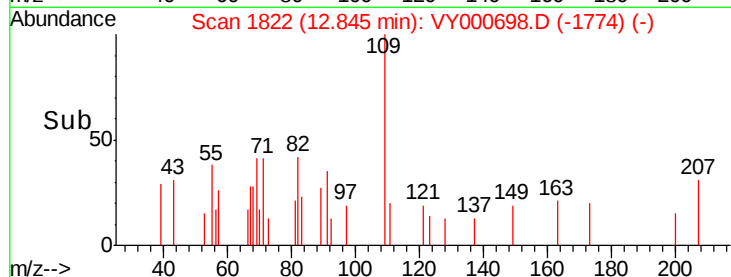
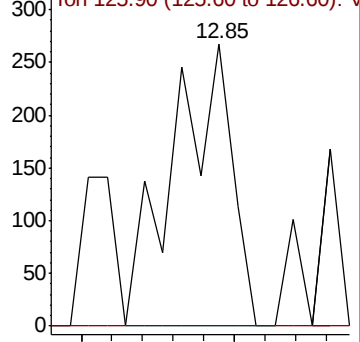
Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



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



#83

tert-Butylbenzene

Concen: 5.105 ug/l

RT: 13.04 min Scan# 1854

Delta R.T. -0.03 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

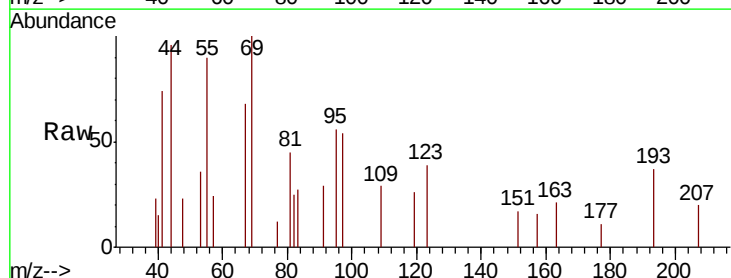
Tgt Ion: 119 Resp: 44

Ion Ratio Lower Upper

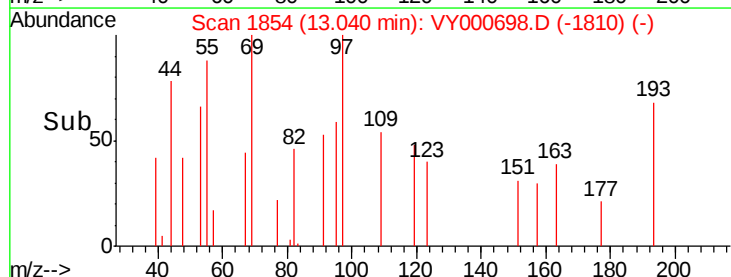
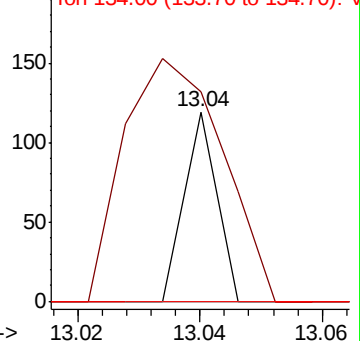
119 100

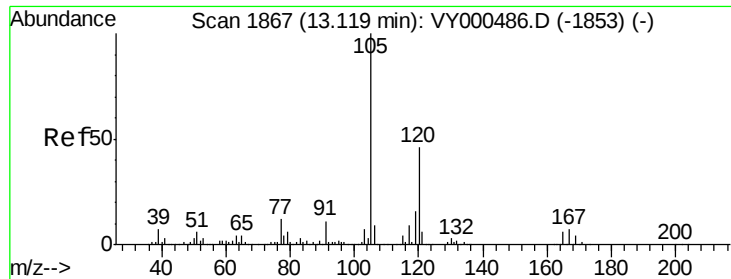
91 386.4 32.1 96.3#

134 0.0 13.2 39.5#



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

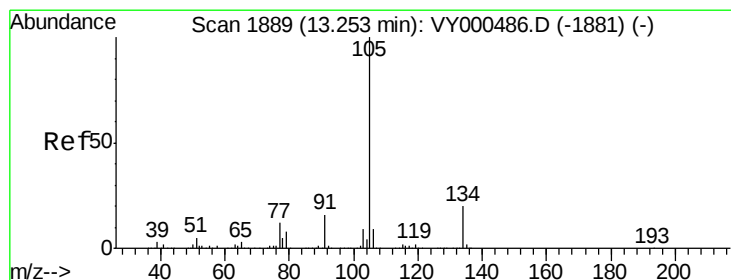
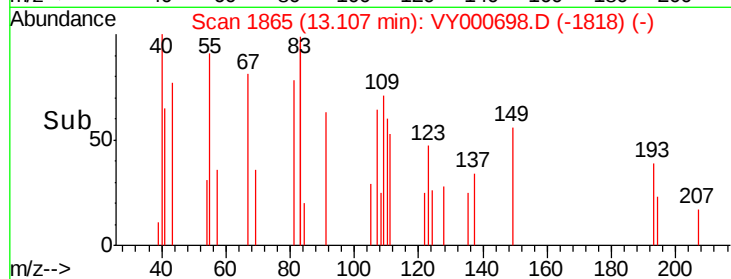
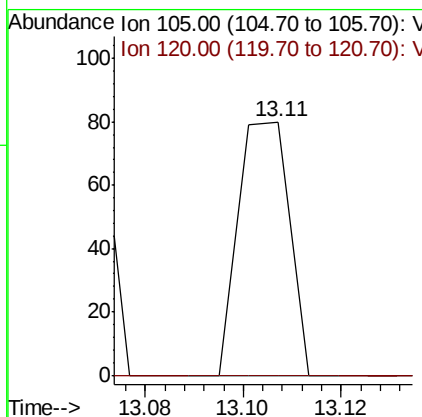
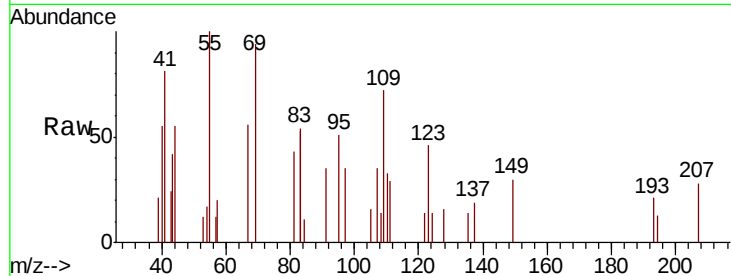




#84
 1,2,4-Trimethylbenzene
 Concen: 5.771 ug/l
 RT: 13.11 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

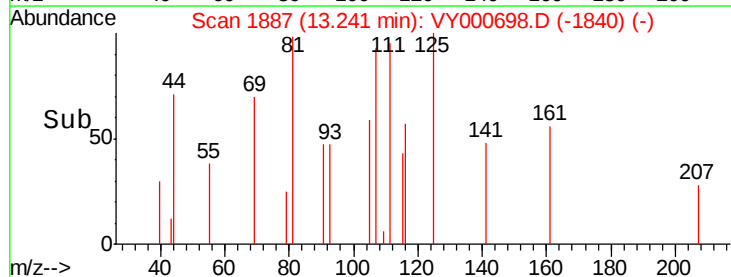
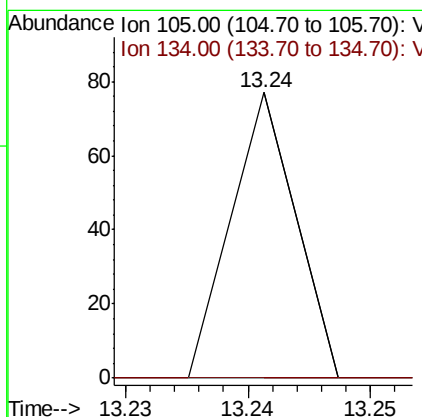
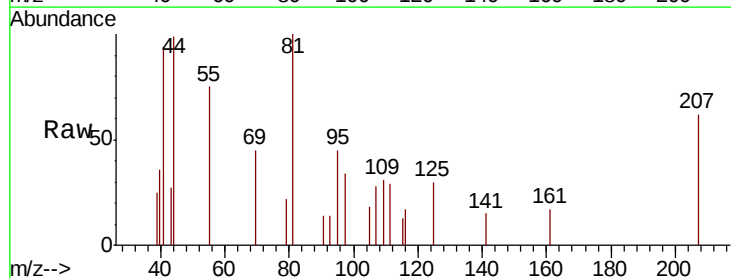
Instrument :
 MSVOA_Y
 ClientSampleId :

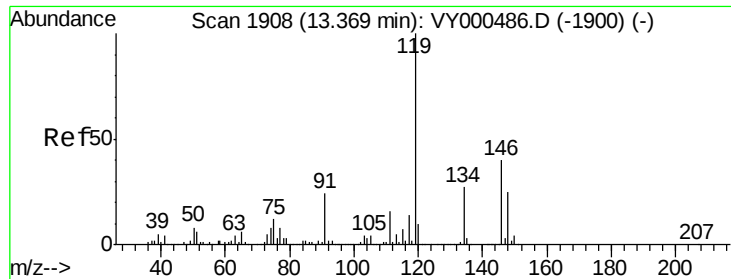
Tot Ion:105 Resp: 58
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.9#



#85
 sec-Butylbenzene
 Concen: 2.280 ug/l
 RT: 13.24 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Tgt Ion:105 Resp: 28
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

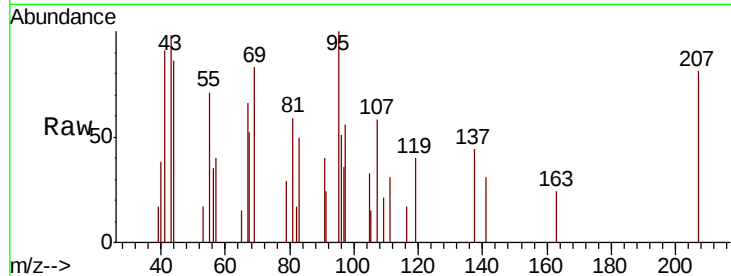




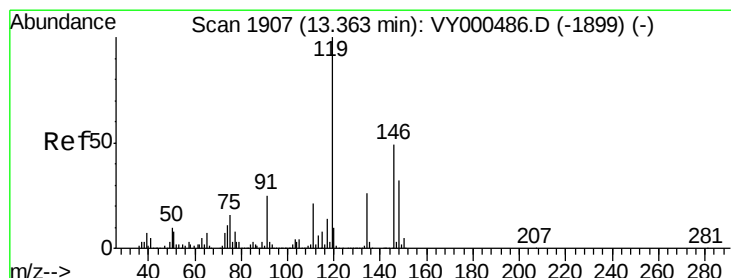
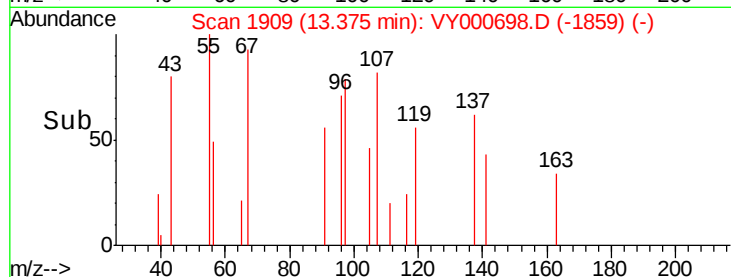
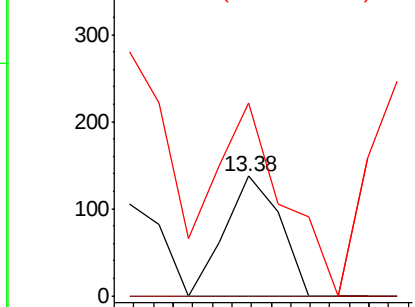
#86
 p-Isopropyltoluene
 Concen: 9.776 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 107
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.6 40.8#
 91 193.5 12.0 36.1#

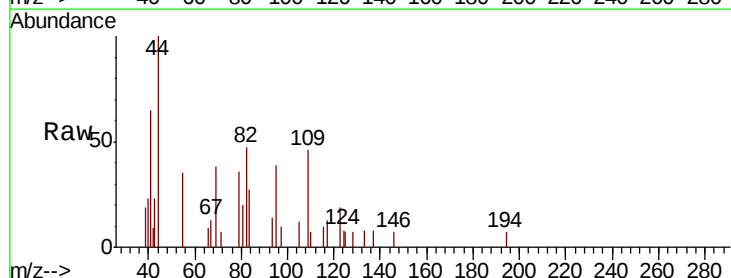


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

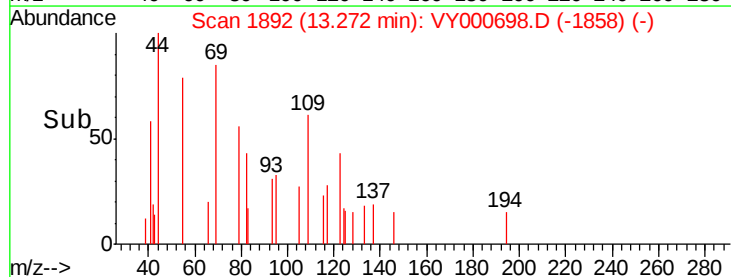
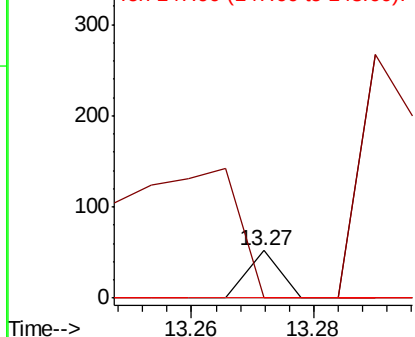


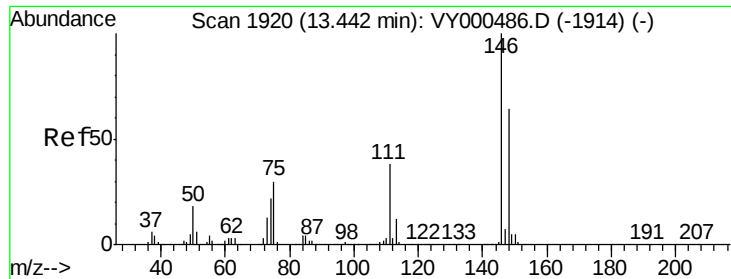
#87
 1,3-Dichlorobenzene
 Concen: 3.529 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. -0.09 min
 Lab File: VY000698.D
 Acq: 15 Nov 2019 14:07

Tgt Ion:146 Resp: 19
 Ion Ratio Lower Upper
 146 100
 111 1452.6 20.3 60.8#
 148 0.0 31.5 94.5#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 3.532 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. -0.17 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

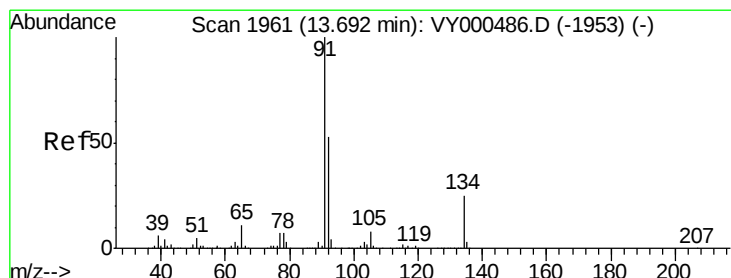
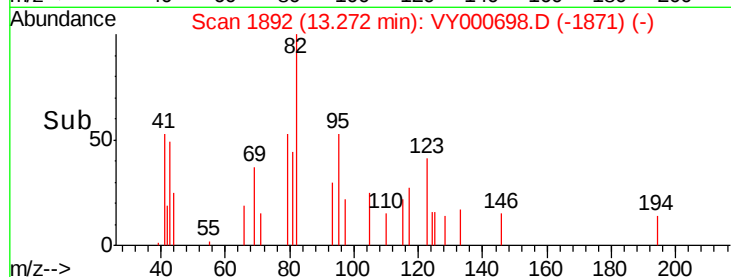
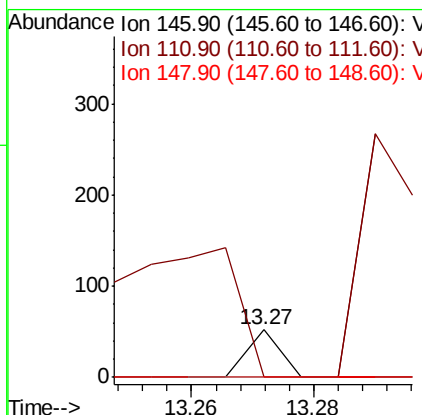
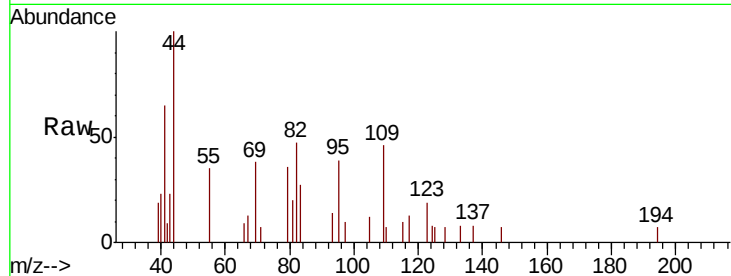
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:146 Resp: 19

Ion	Ratio	Lower	Upper
146	100		
111	1452.6	19.7	59.0#
148	0.0	31.9	95.7#



#89

n-Butylbenzene

Concen: 12.877 ug/l

RT: 13.69 min Scan# 1960

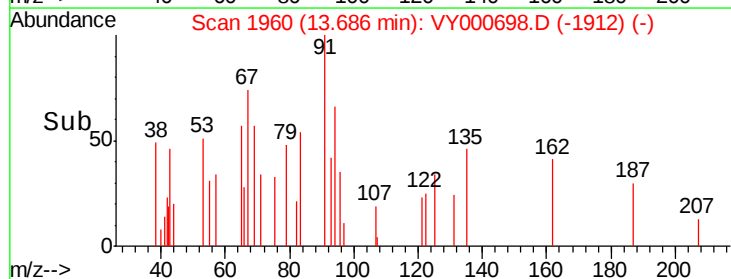
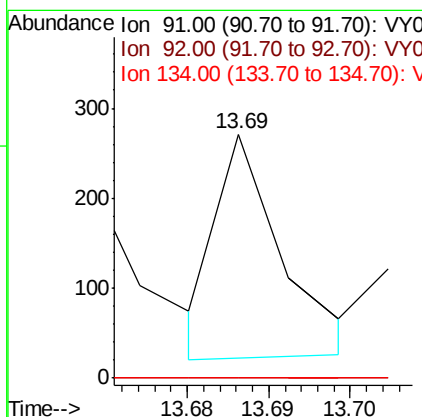
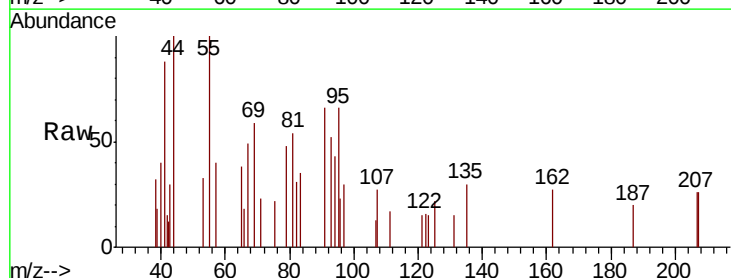
Delta R.T. -0.01 min

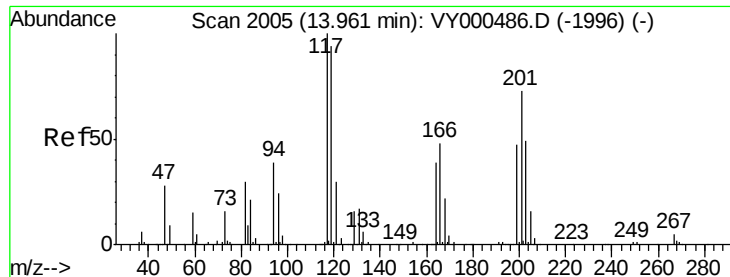
Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Tgt Ion: 91 Resp: 139

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.3#
134	0.0	12.9	38.7#





#90

Hexachloroethane

Concen: 43.987 ug/l

RT: 13.94 min Scan# 2001

Delta R.T. -0.02 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

Instrument :

MSVOA_Y

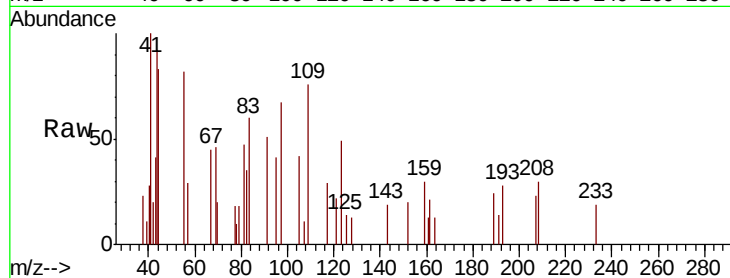
ClientSampleId :

Tot Ion:117 Resp: 89

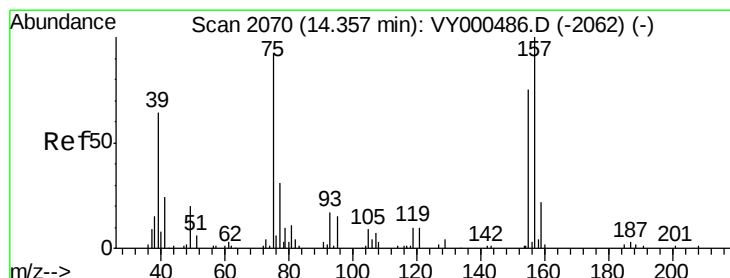
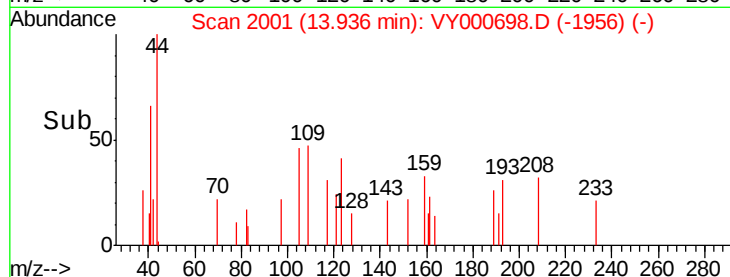
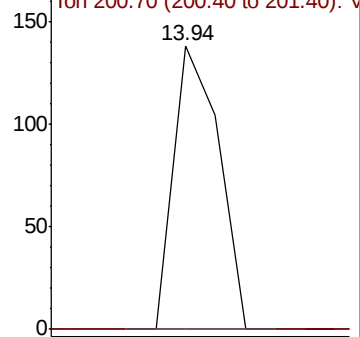
Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.3#



Abundance Ion 116.80 (116.50 to 117.50): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 115.365 ug/l

RT: 14.27 min Scan# 2055

Delta R.T. -0.09 min

Lab File: VY000698.D

Acq: 15 Nov 2019 14:07

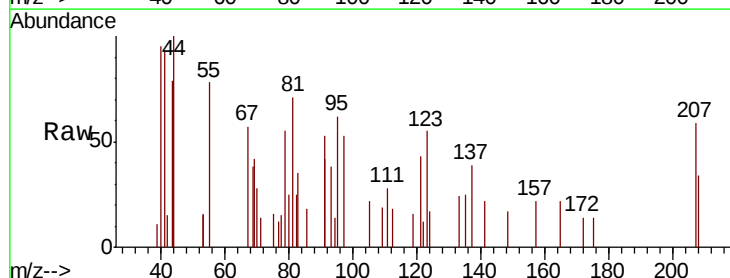
Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

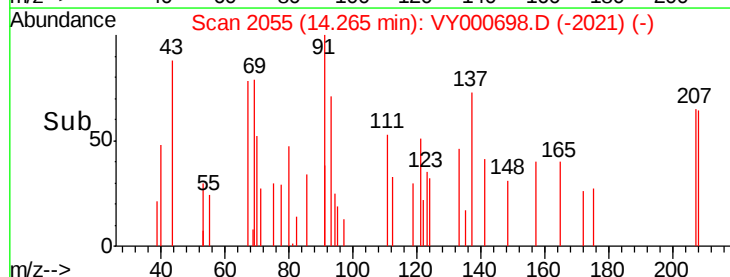
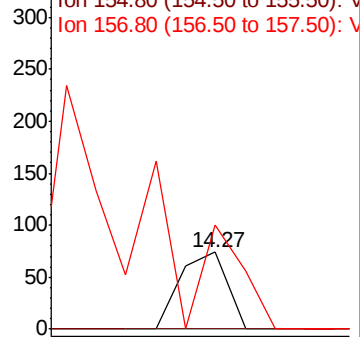
75 100

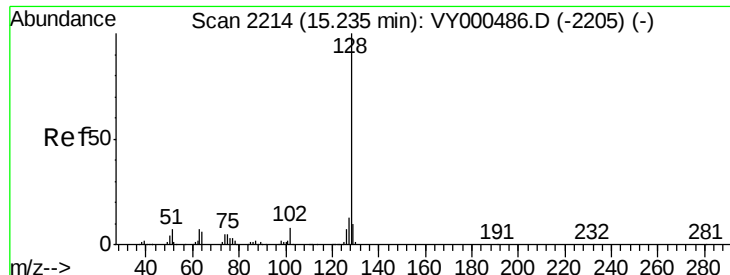
155 0.0 42.4 127.1#

157 0.0 55.1 165.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

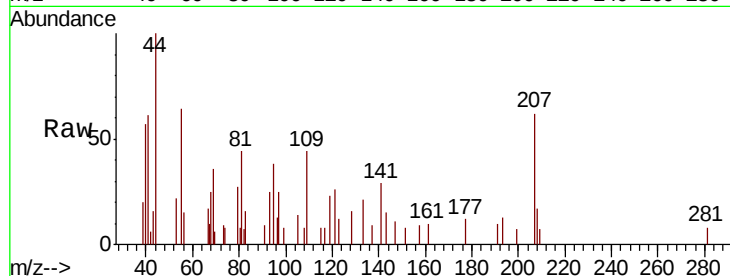




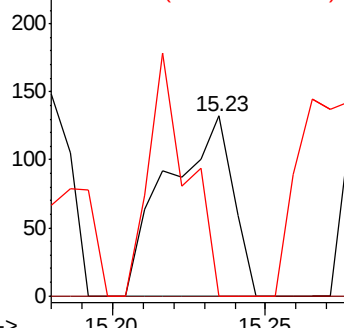
#95
Naphthalene
Concen: 26.410 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Instrument :
MSVOA_Y
ClientSampled :

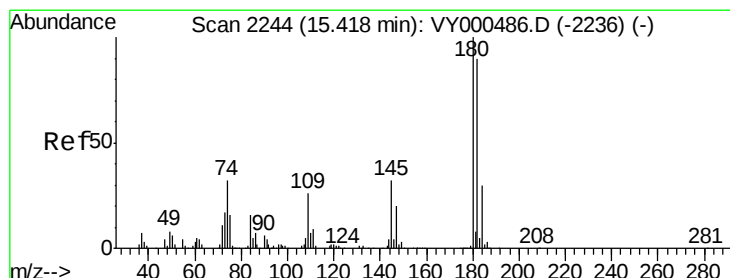
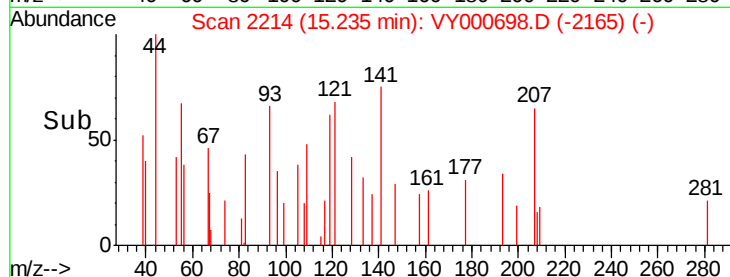
Tot Ion:128 Resp: 195
Ion Ratio Lower Upper
128 100
127 0.0 9.8 14.6#
129 80.5 8.7 13.1#



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

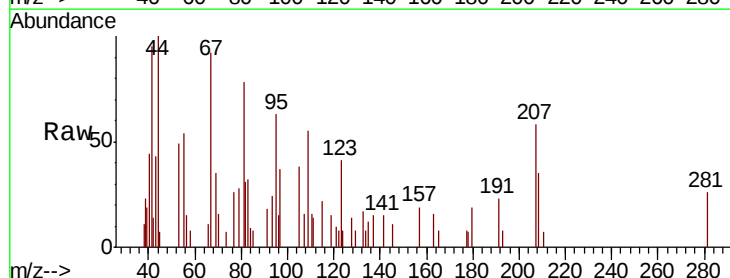


Time-->

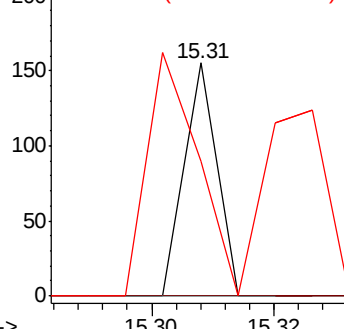


#96
1,2,3-Trichlorobenzene
Concen: 19.102 ug/l
RT: 15.31 min Scan# 2226
Delta R.T. -0.11 min
Lab File: VY000698.D
Acq: 15 Nov 2019 14:07

Tgt Ion:180 Resp: 57
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 161.4 15.7 47.0#



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



Time-->

