

Data File : VU034486.D
Acq On : 11 Sep 2019 19:52
Operator : JC/SP
Sample : K4643-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

Quant Time: Sep 12 04:43:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	251562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	388595	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	404936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	222119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	226349	59.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.94%	
35) Dibromofluoromethane	4.86	113	195533	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	7.54	98	723733	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	10.29	95	245545	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

					Qvalue	
5) Bromomethane	1.63	94	912	Below Cal		81
6) Chloroethane	1.69	64	142	Below Cal	#	43
10) Methyl Iodide	2.41	142	895	4.157	ug/l #	65
11) Tert butyl alcohol	2.83	59	5259	6.540	ug/l #	73
13) Acrolein	2.18	56	177	0.262	ug/l #	32
16) Acetone	2.31	43	10181	5.169	ug/l	98
17) Carbon Disulfide	2.47	76	2323	0.378	ug/l #	93
18) Methyl Acetate	2.61	43	2305	0.481	ug/l #	90
20) Methylene Chloride	2.69	84	8558	2.271	ug/l	97
29) Tetrahydrofuran	4.64	42	437	0.273	ug/l #	50
31) Cyclohexane	4.96	56	4410	0.989	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	17070	4.050	ug/l #	48
38) Carbon Tetrachloride	4.96	117	22510	5.002	ug/l #	16
43) Isopropyl Acetate	5.54	43	26847	3.454	ug/l	98
48) Methyl methacrylate	6.53	41	2688	0.728	ug/l #	20
49) 1,4-Dioxane	6.60	88	568	7.046	ug/l #	49
51) 4-Methyl-2-Pentanone	7.44	43	9851	1.831	ug/l	97
54) cis-1,3-Dichloropropene	7.40	75	21392	3.660	ug/l #	66
56) Ethyl methacrylate	8.02	69	345	3.132	ug/l #	28
59) 2-Hexanone	8.40	43	27490	6.839	ug/l #	59
68) m/p-Xylenes	9.36	106	1412	0.223	ug/l	87
74) N-amyl acetate	10.02	43	1322	0.227	ug/l #	89
76) 1,2,3-Trichloropropane	10.29	75	114001	23.513	ug/l #	36
77) Bromobenzene	10.43	156	842	0.208	ug/l	87
78) n-propylbenzene	10.57	91	3654	0.219	ug/l	94
79) 2-Chlorotoluene	10.65	91	2084	0.205	ug/l	91
81) trans-1,4-Dichloro-2-buten	10.29	75	114001	79.072	ug/l #	100
82) 4-Chlorotoluene	10.76	91	2892	0.247	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	2388	0.324	ug/l	96
88) 1,4-Dichlorobenzene	11.40	146	2388	0.310	ug/l	96
89) n-Butylbenzene	11.87	91	3567	0.311	ug/l	97
91) 1,2-Dichlorobenzene	11.87	146	1972	0.272	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.64	75	227	0.211	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.51	180	1803	3.771	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
Quantitation Report (Not Reviewed)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.68	225	1575	0.621	ug/l	87
95) Naphthalene	13.75	128	9989	4.587	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.98	180	3726	3.334	ug/l #	86

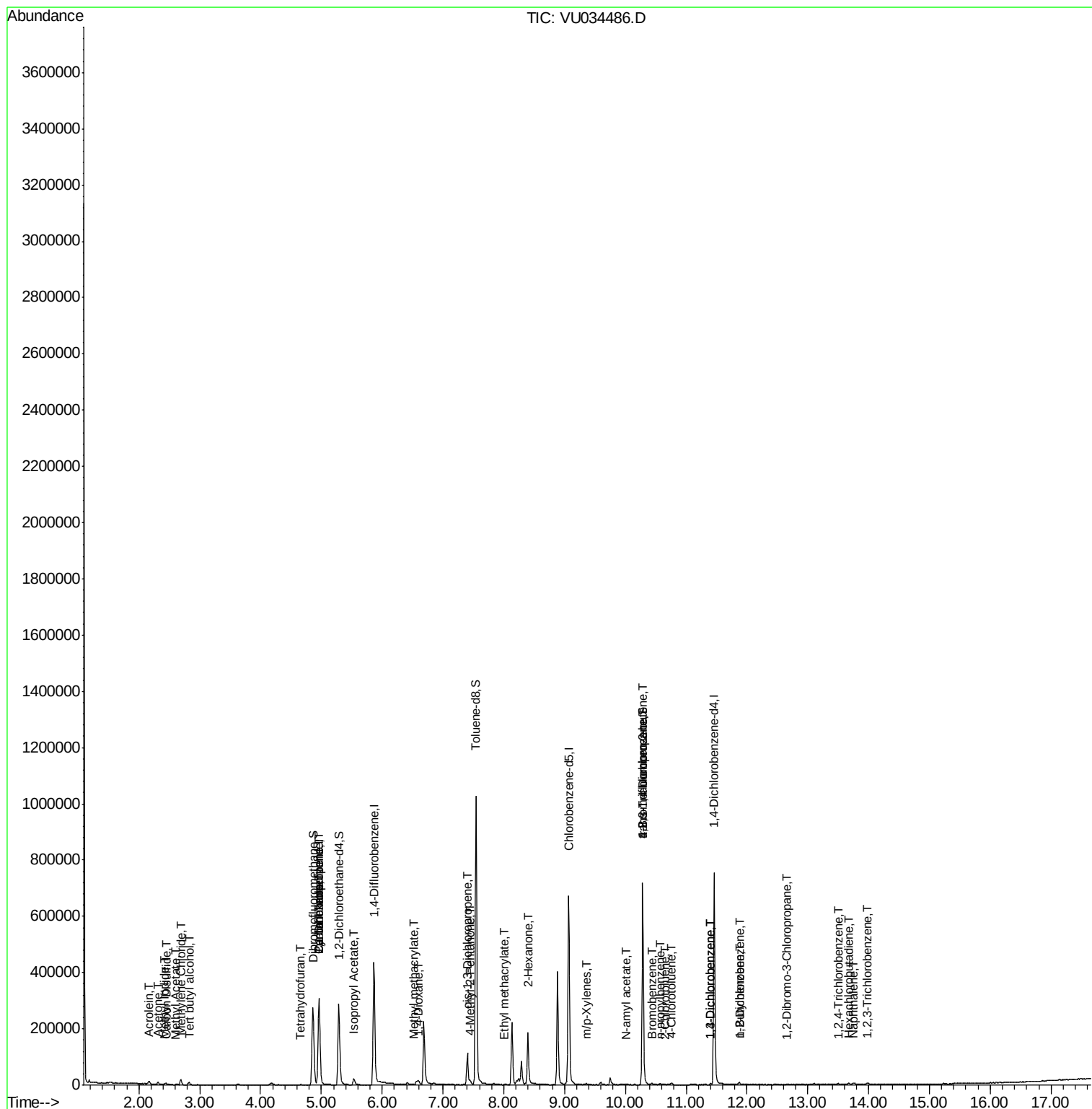
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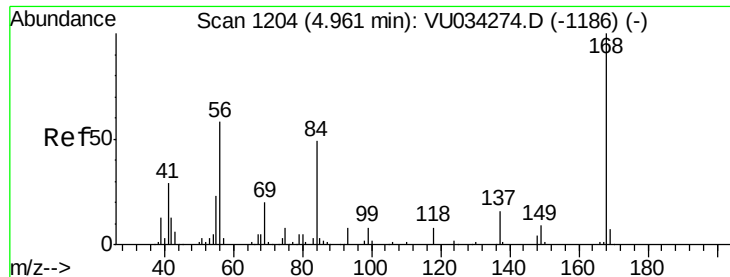
Data File : VU034486.D

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Operator     : JC/SP
Sample       : K4643-25
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 9      Sample Multiplier: 1
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MSVOA_U
ClientSampleId :
T11-B4-(0)

Quant Time: Sep 12 04:43:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

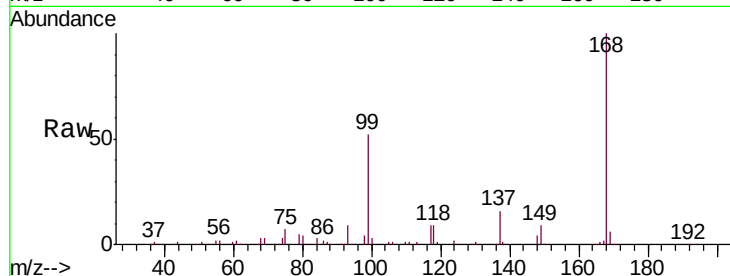
T11-B4-(0)

Tgt Ion:168 Resp: 251562

Ion Ratio Lower Upper

168 100

99 52.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

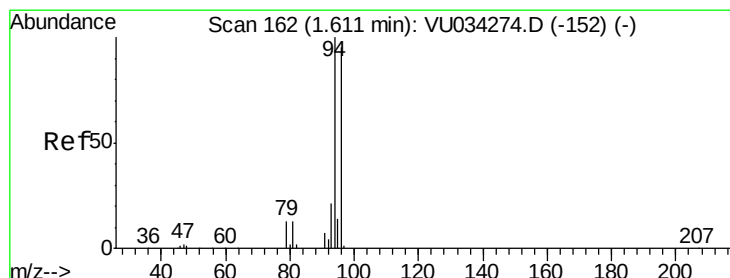
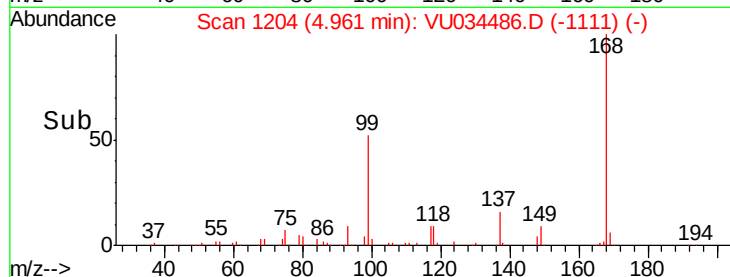
60000

40000

20000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU034486.D

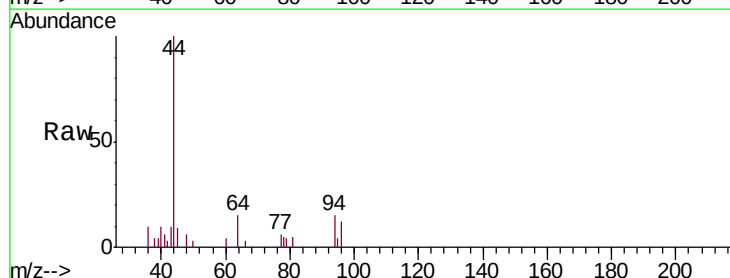
Acq: 11 Sep 2019 19:52

Tgt Ion: 94 Resp: 912

Ion Ratio Lower Upper

94 100

96 76.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.63

600

500

400

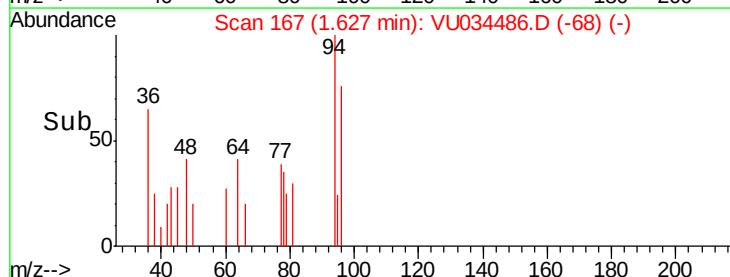
300

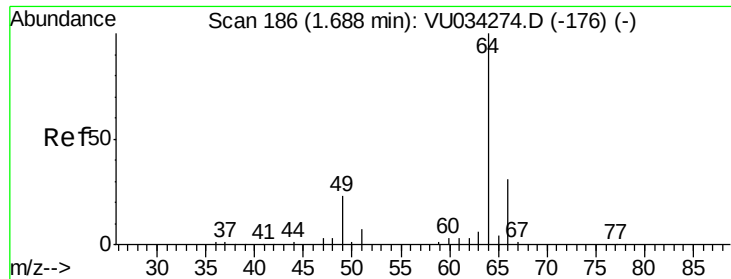
200

100

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

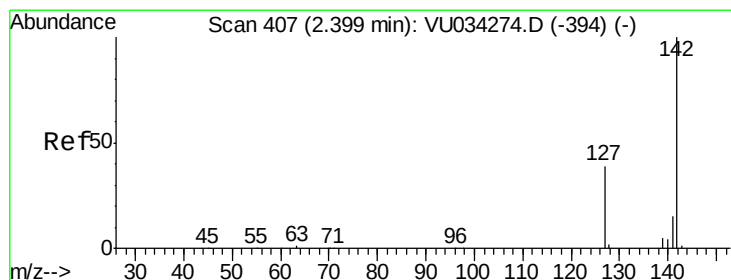
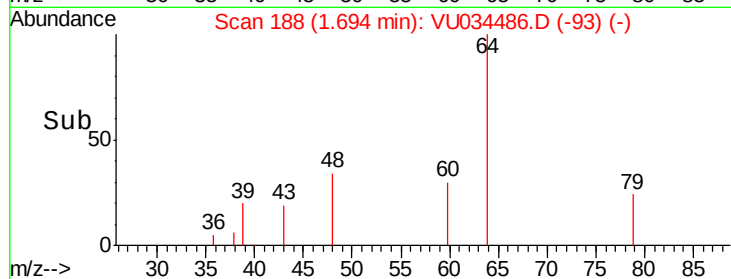
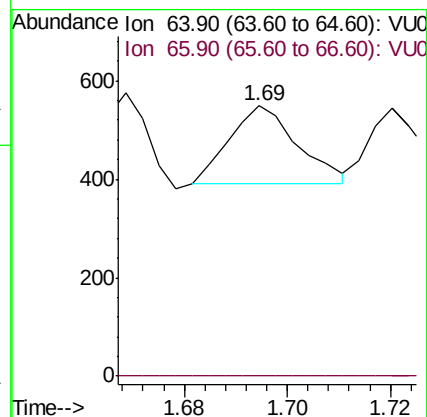
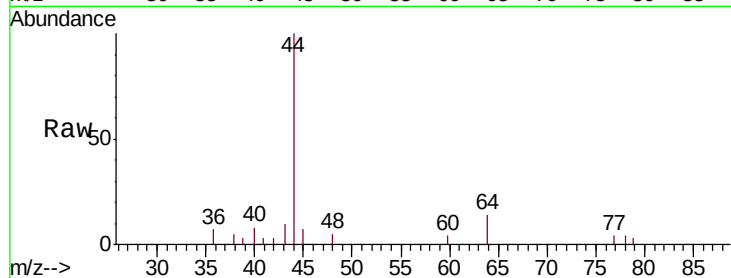
T11-B4-(0)

Tgt Ion: 64 Resp: 142

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#10

Methyl Iodide

Concen: 4.157 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

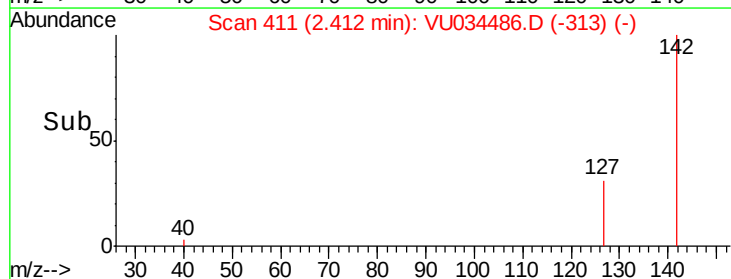
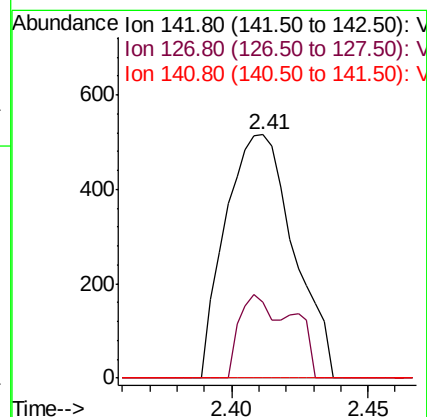
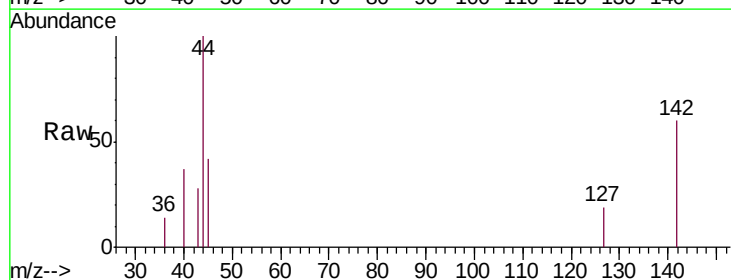
Tgt Ion: 142 Resp: 895

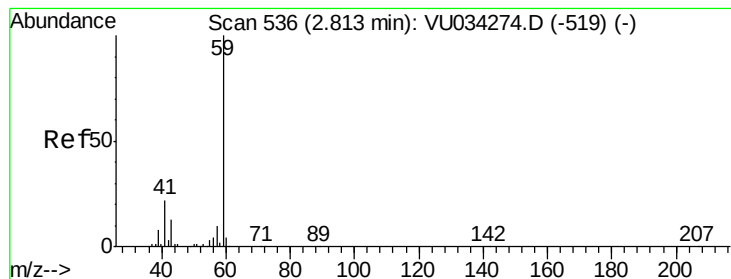
Ion Ratio Lower Upper

142 100

127 18.4 32.1 48.1#

141 0.0 11.5 17.3#



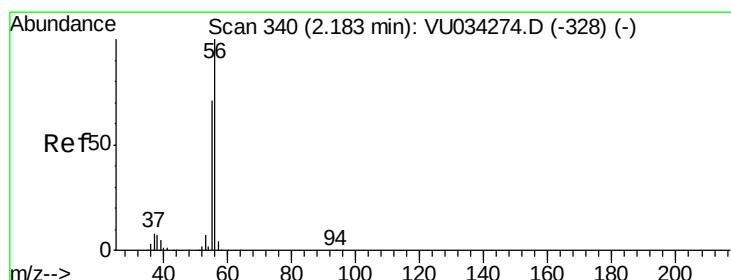
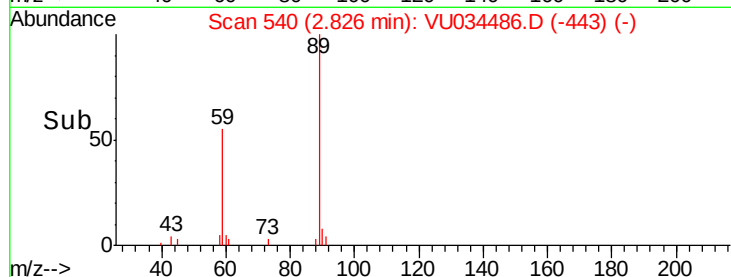
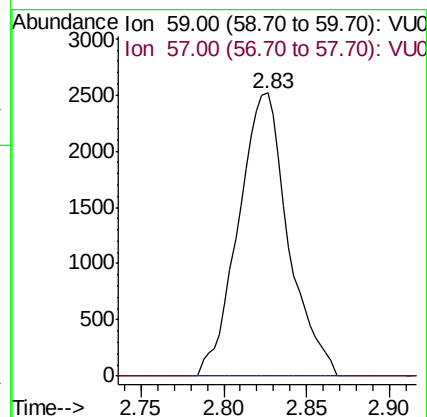
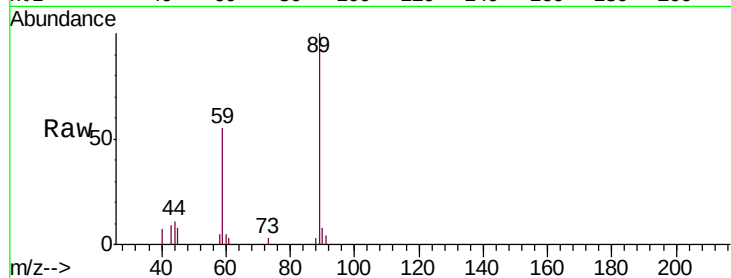


#11

Tert butyl alcohol
 Concen: 6.540 ug/l
 RT: 2.83 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

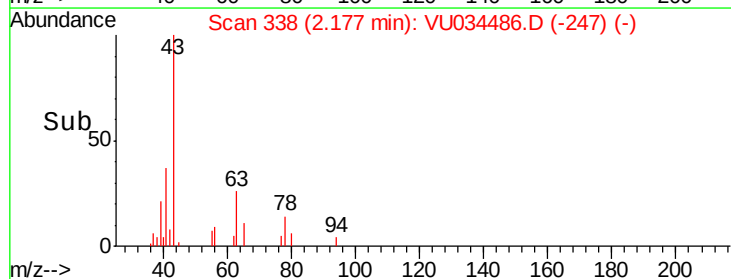
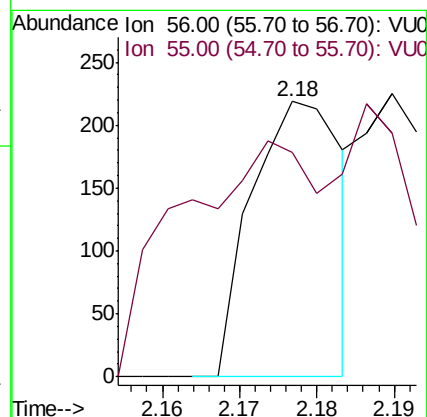
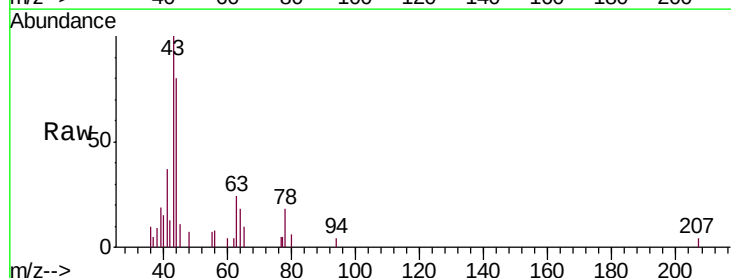
Tgt Ion: 59 Resp: 5259
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

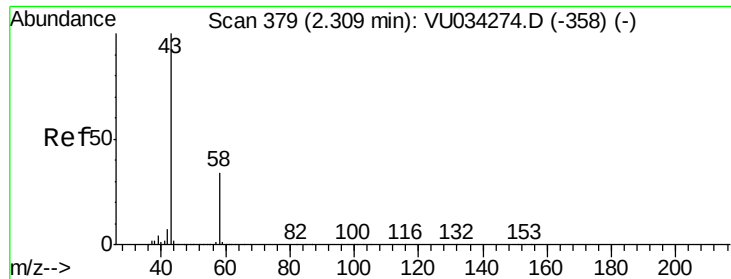


#13

Acrolein
 Concen: 0.262 ug/l
 RT: 2.18 min Scan# 338
 Delta R.T. -0.01 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Tgt Ion: 56 Resp: 177
 Ion Ratio Lower Upper
 56 100
 55 128.2 57.4 86.2#

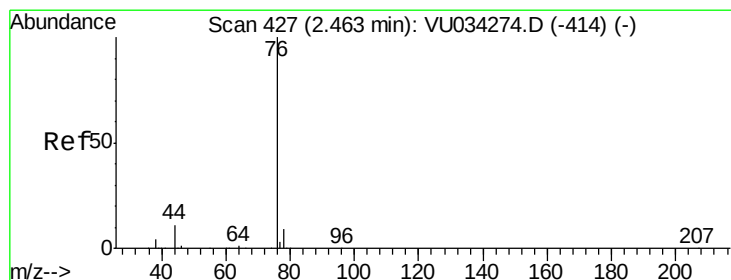
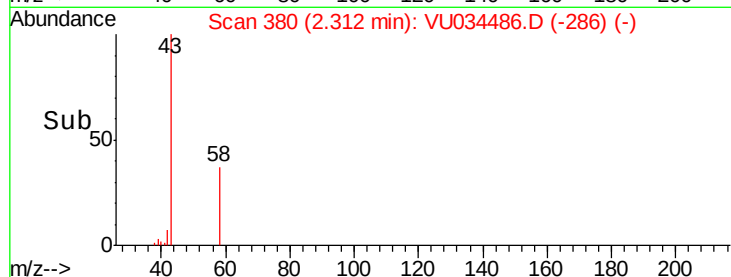
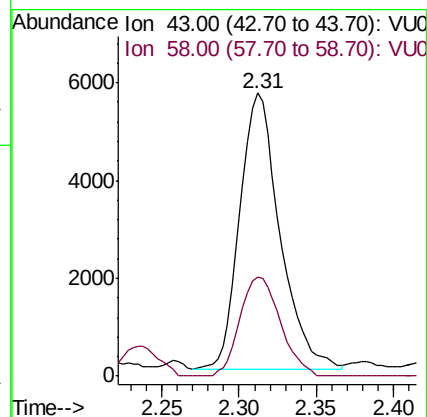
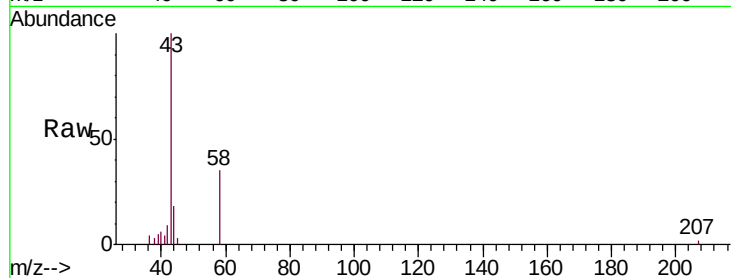




#16
Acetone
Concen: 5.169 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

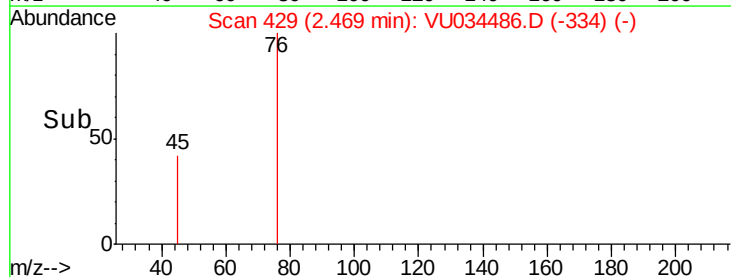
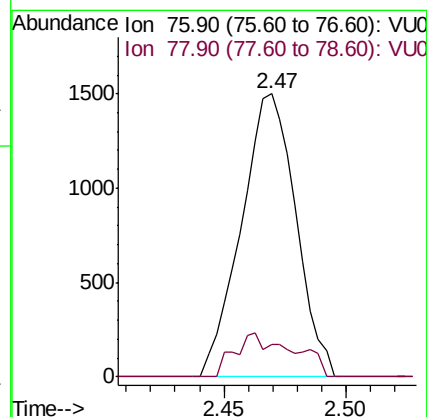
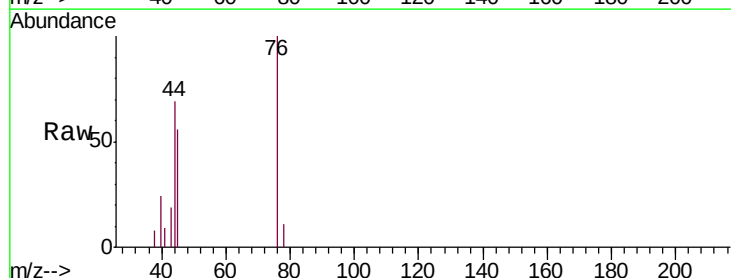
Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

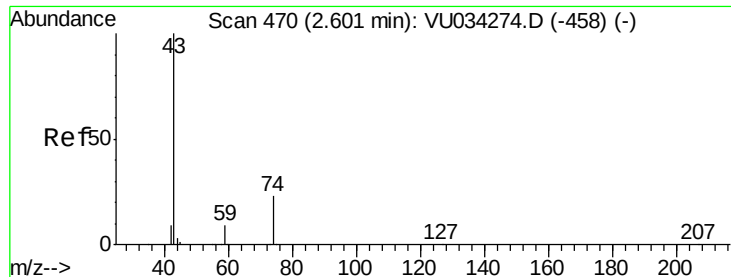
Tgt Ion: 43 Resp: 10181
Ion Ratio Lower Upper
43 100
58 35.7 27.6 41.4



#17
Carbon Disulfide
Concen: 0.378 ug/l
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 76 Resp: 2323
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#

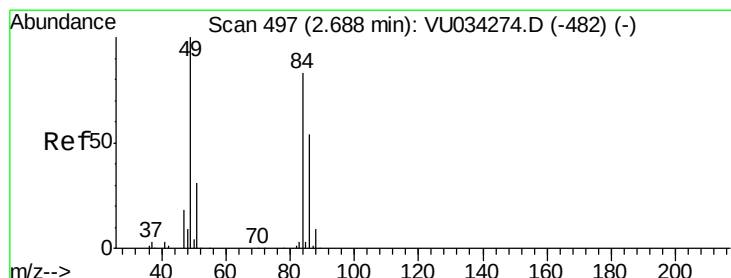
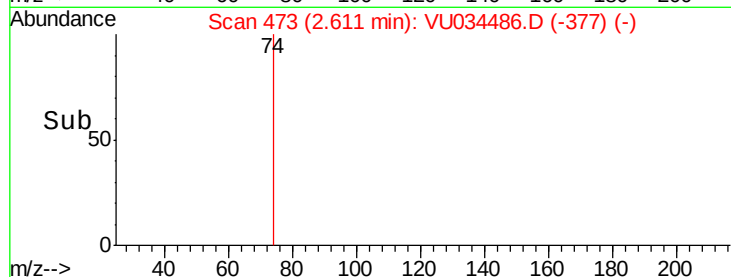
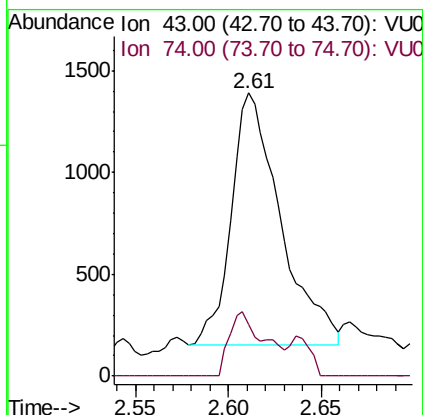
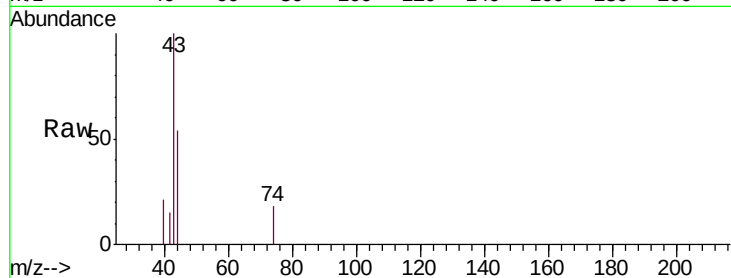




#18
Methyl Acetate
Concen: 0.481 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

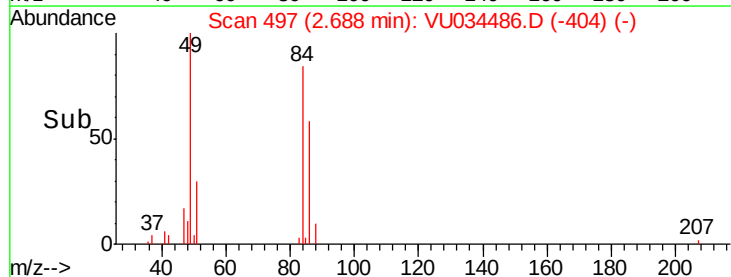
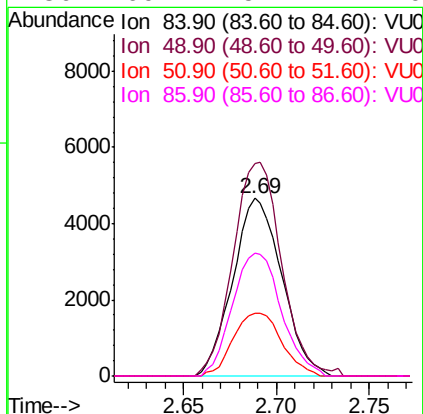
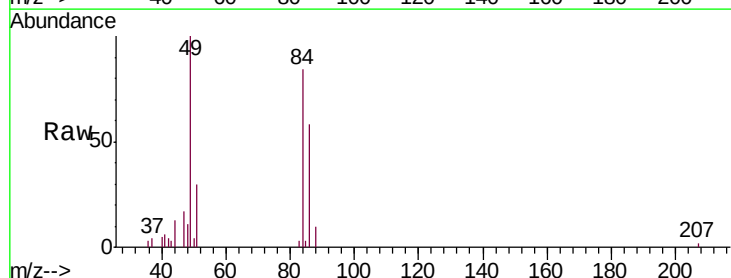
Instrument :
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ClientSampleId :
T11-B4-(0)

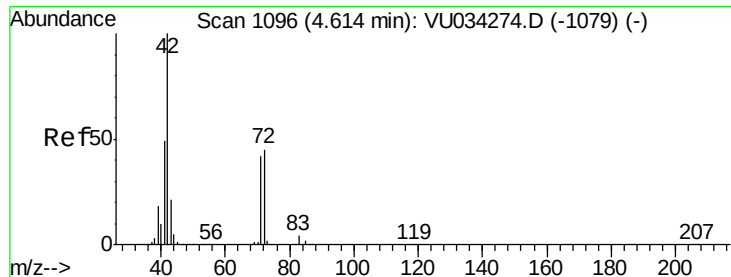
Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
74 18.6 18.9 28.3#



#20
Methylene Chloride
Concen: 2.271 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 84 Resp: 8558
Ion Ratio Lower Upper
84 100
49 119.3 96.0 144.0
51 35.5 30.0 45.0
86 69.1 51.4 77.0





#29

Tetrahydrofuran

Concen: 0.273 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. 0.03 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

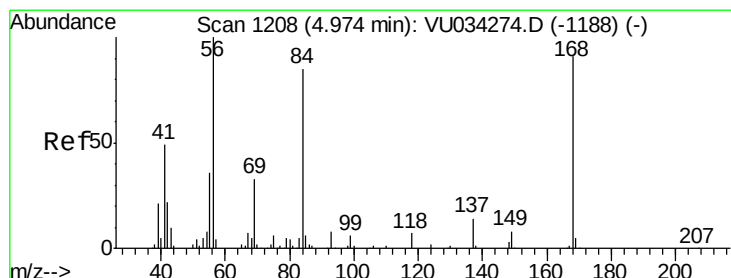
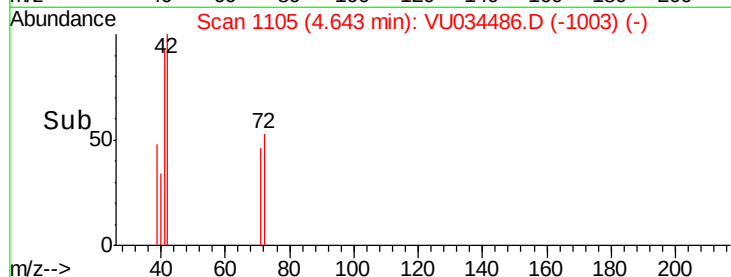
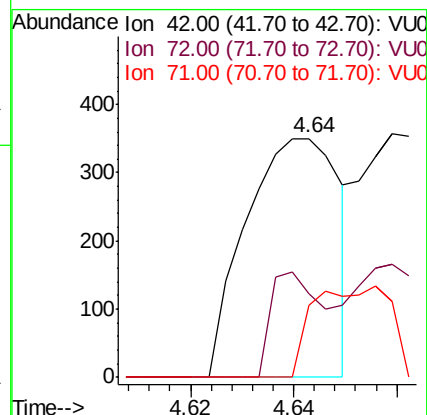
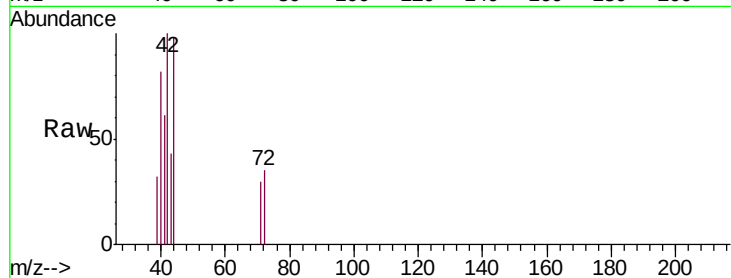
Tgt Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

72 23.1 36.6 54.8#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.989 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

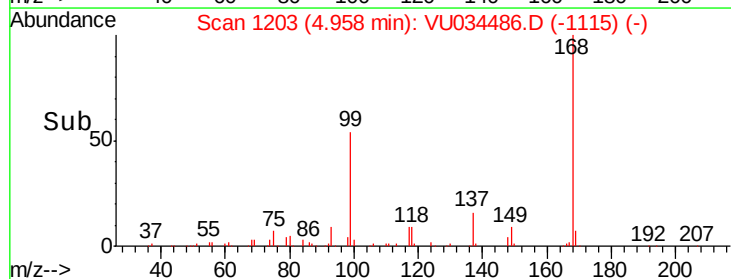
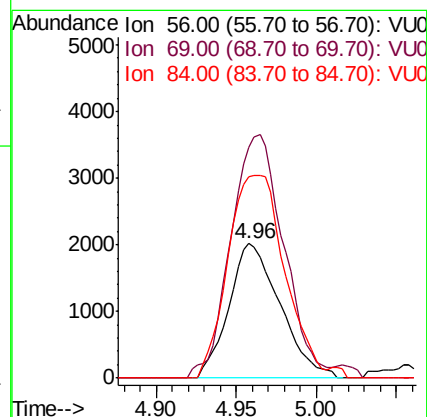
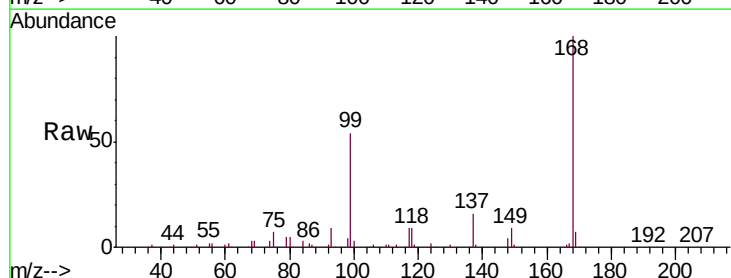
Tgt Ion: 56 Resp: 4410

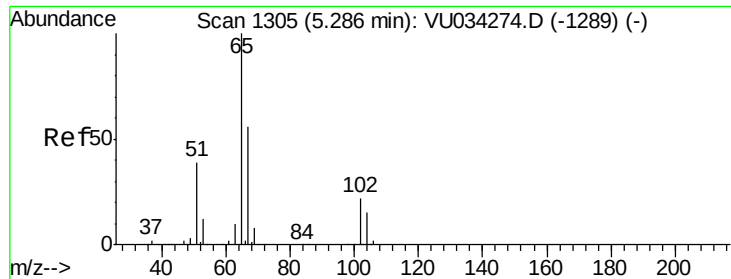
Ion Ratio Lower Upper

56 100

69 165.5 26.7 40.1#

84 150.5 68.2 102.4#

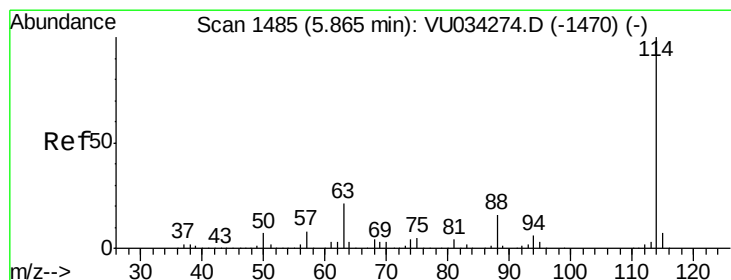
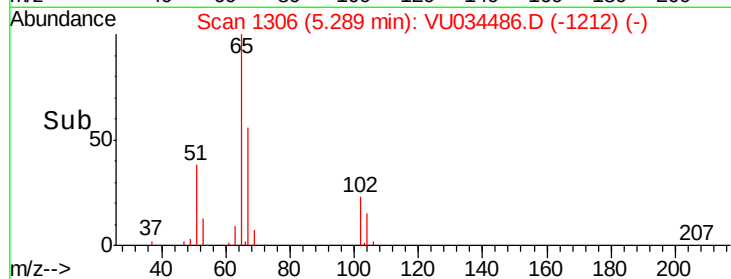
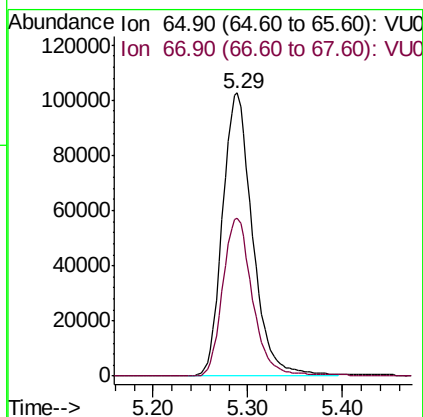
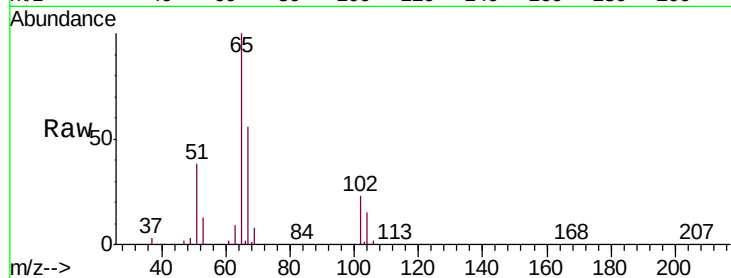




#33
 1,2-Dichloroethane-d4
 Concen: 59.468 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

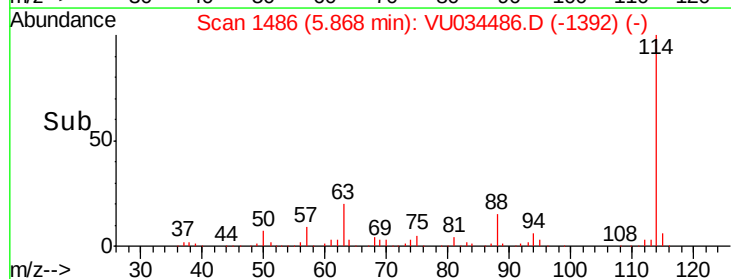
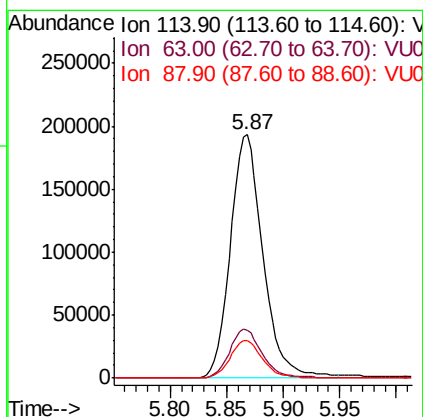
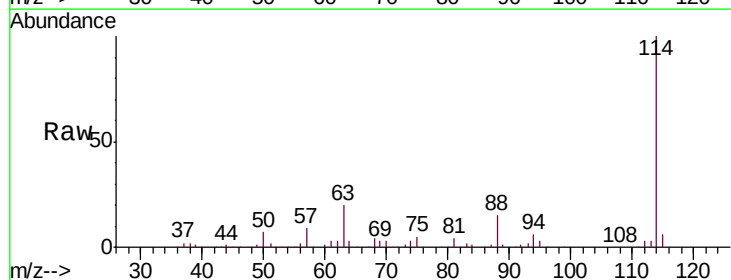
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

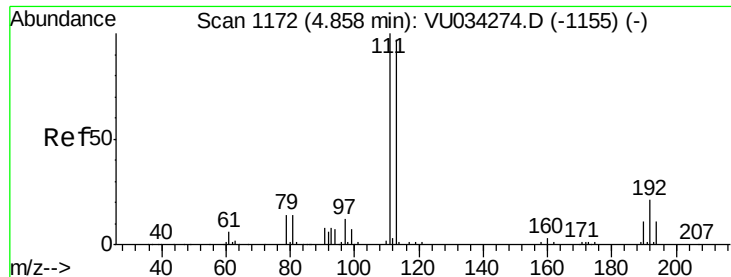
Tgt Ion: 65 Resp: 226349
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Tgt Ion: 114 Resp: 388595
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.076 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

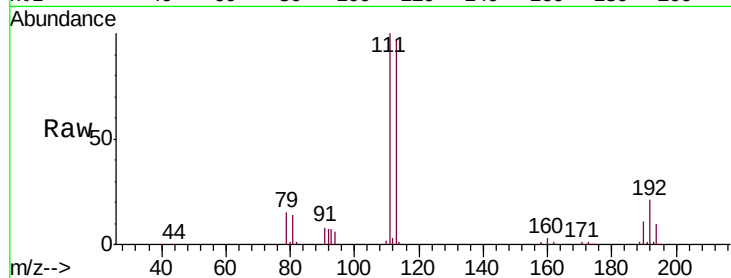
Tgt Ion:113 Resp: 195533

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

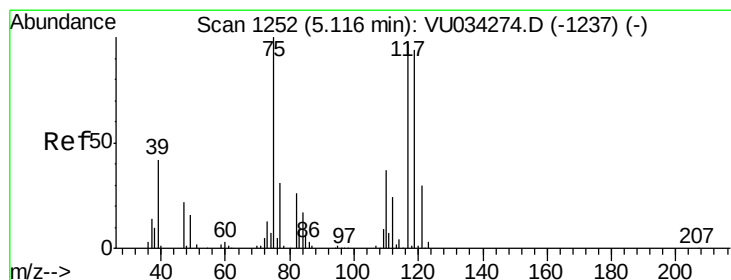
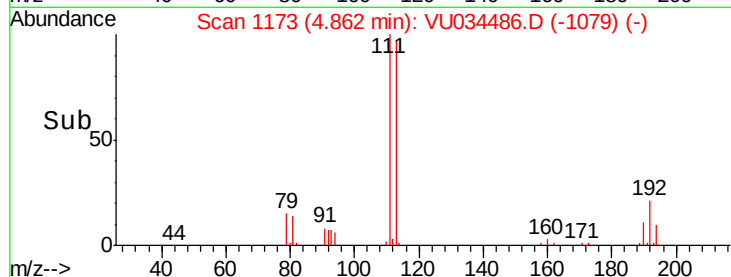
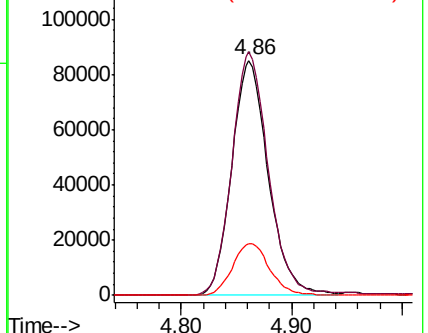
192 22.7 17.8 26.8



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: 4.050 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

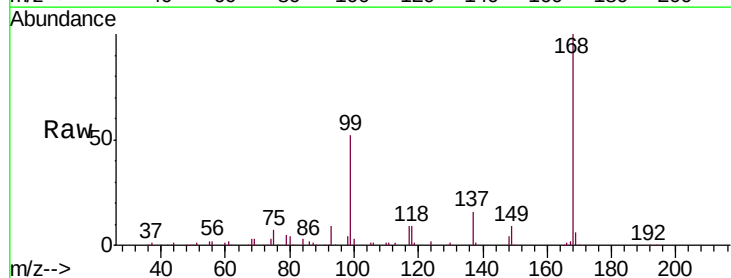
Tgt Ion: 75 Resp: 17070

Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.9#

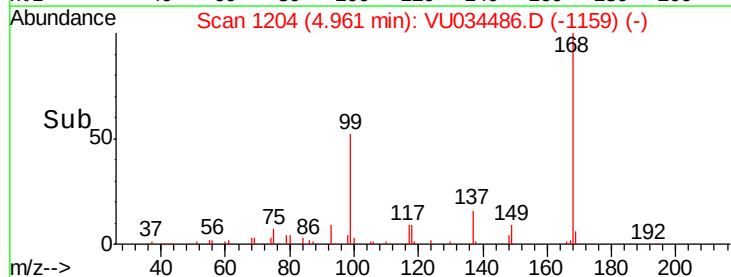
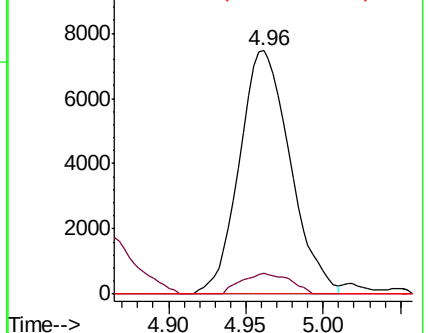
77 0.0 24.9 37.3#

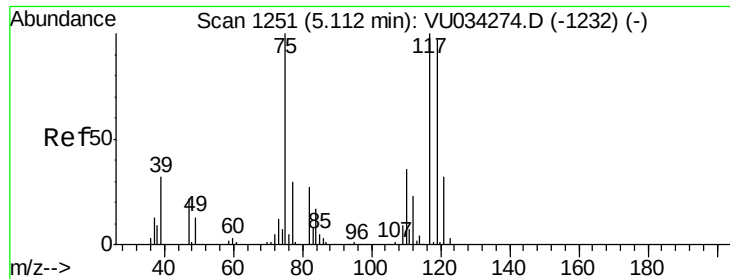


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

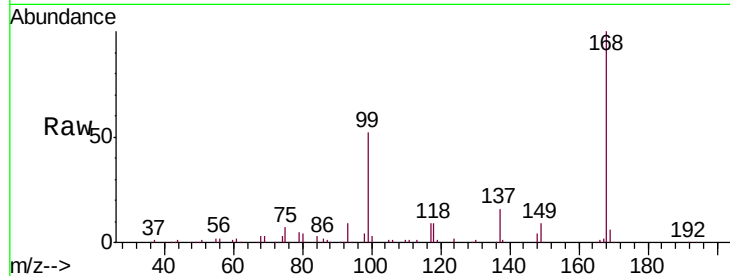




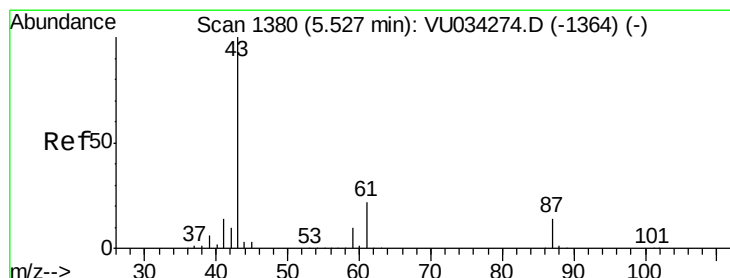
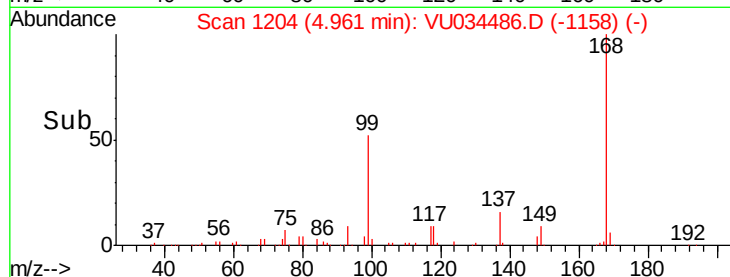
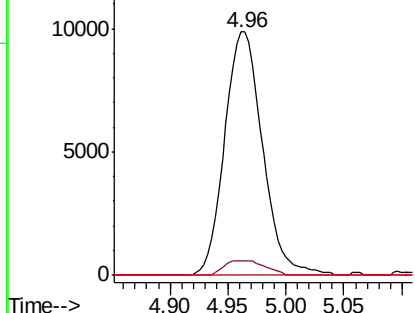
#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

Tgt Ion:117 Resp: 22510
Ion Ratio Lower Upper
117 100
119 6.0 77.8 116.6#
121 0.0 25.2 37.8#

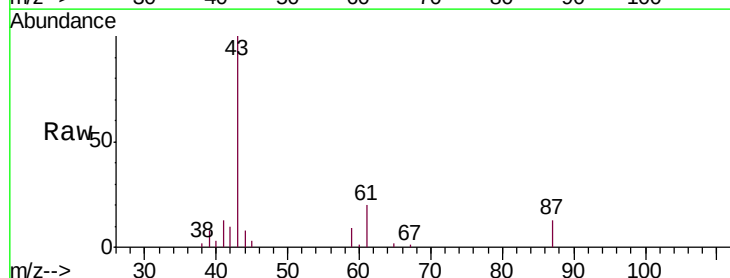


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

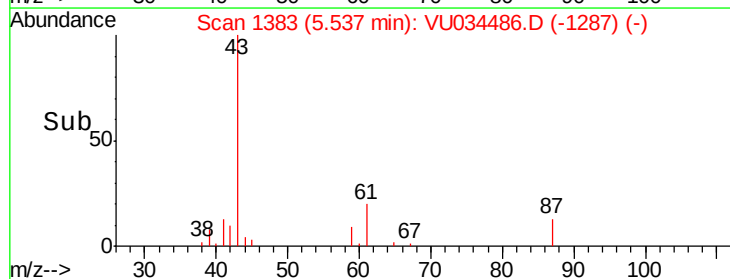
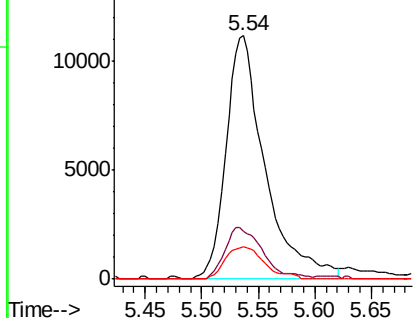


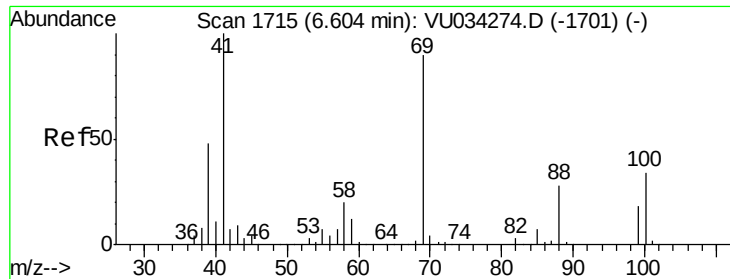
#43
Isopropyl Acetate
Concen: 3.454 ug/l
RT: 5.54 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 43 Resp: 26847
Ion Ratio Lower Upper
43 100
61 20.6 17.1 25.7
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

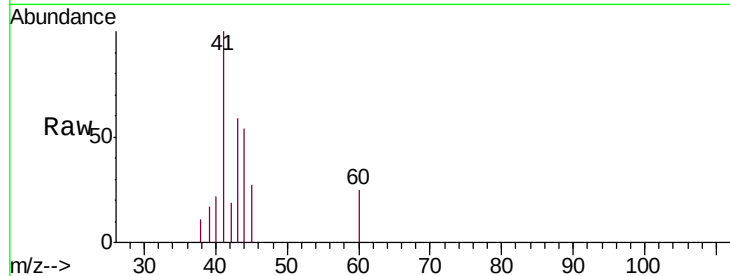




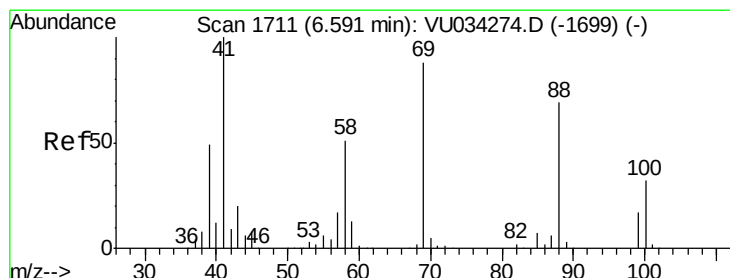
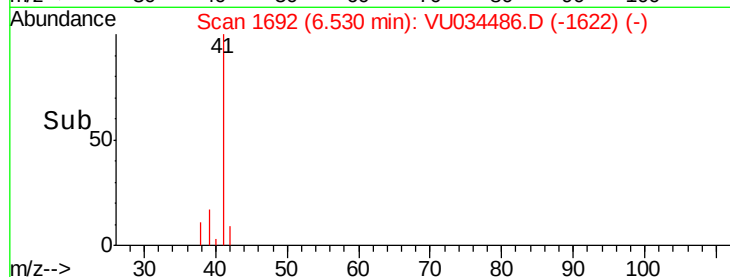
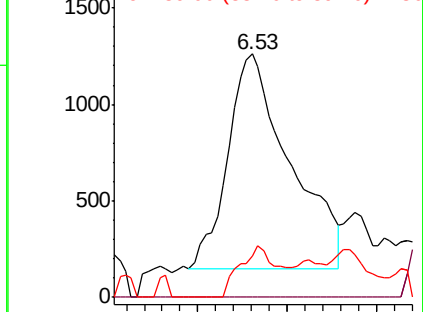
#48
Methyl methacrylate
Concen: 0.728 ug/l
RT: 6.53 min Scan# 1692
Delta R.T. -0.07 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

Tgt Ion: 41 Resp: 2688
Ion Ratio Lower Upper
41 100
69 0.0 72.8 109.2#
39 15.4 38.6 58.0#

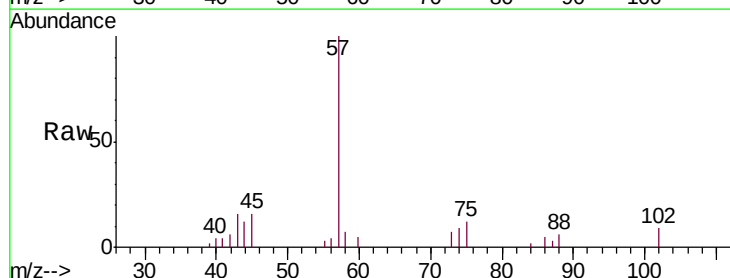


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

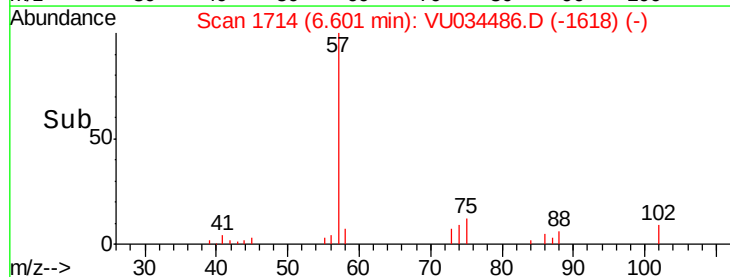
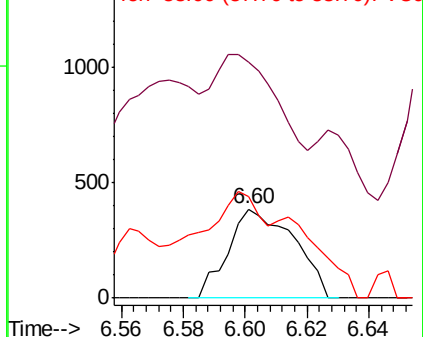


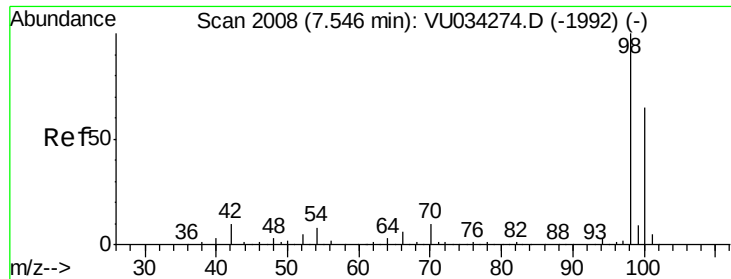
#49
1,4-Dioxane
Concen: 7.046 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 88 Resp: 568
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 31.7 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

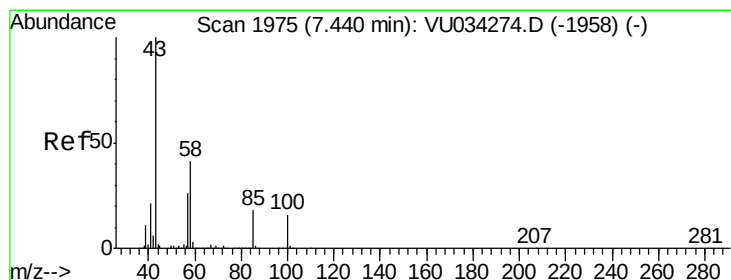
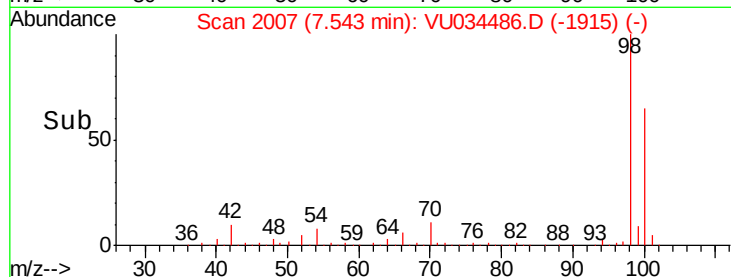
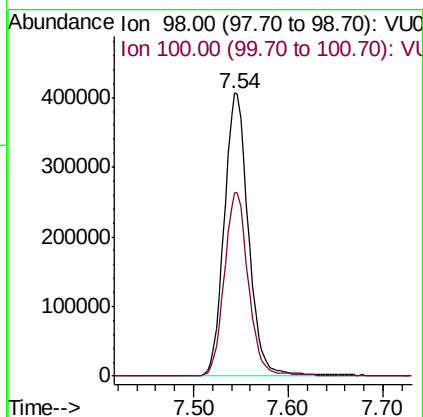
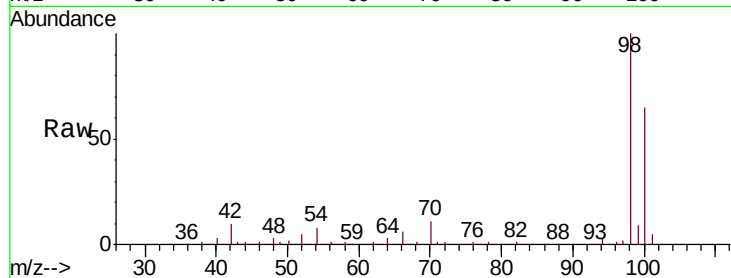




#50
Toluene-d8
Concen: 53.275 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

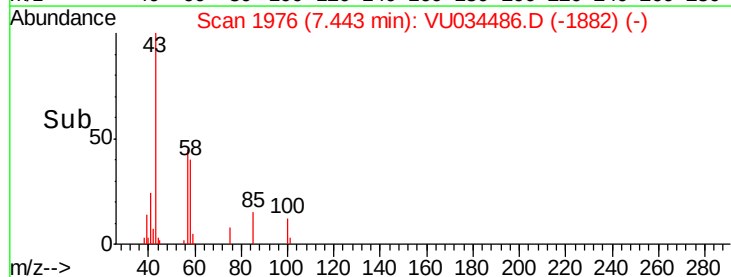
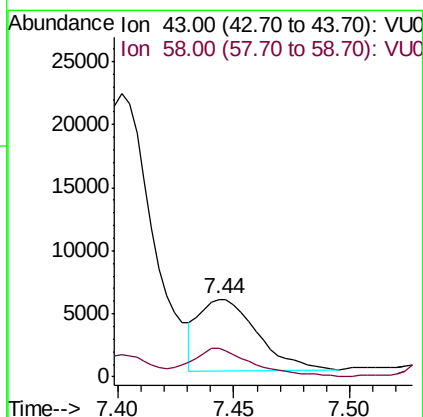
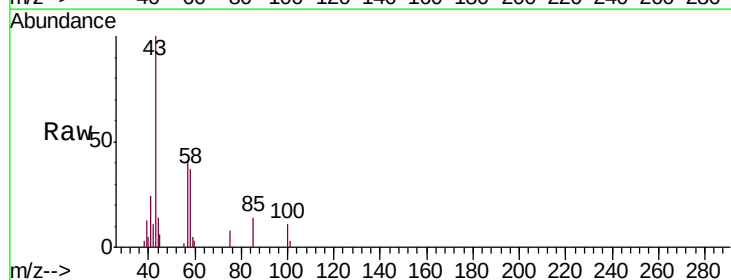
Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

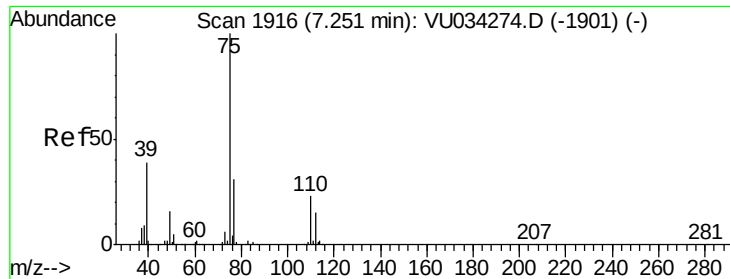
Tgt Ion: 98 Resp: 723733
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.831 ug/l
RT: 7.44 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 43 Resp: 9851
Ion Ratio Lower Upper
43 100
58 42.9 33.0 49.4





#54

cis-1,3-Dichloropropene

Concen: 3.660 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

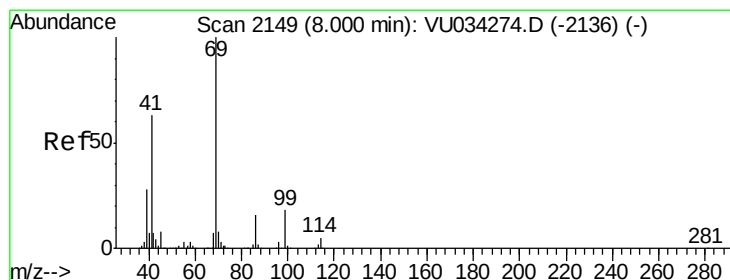
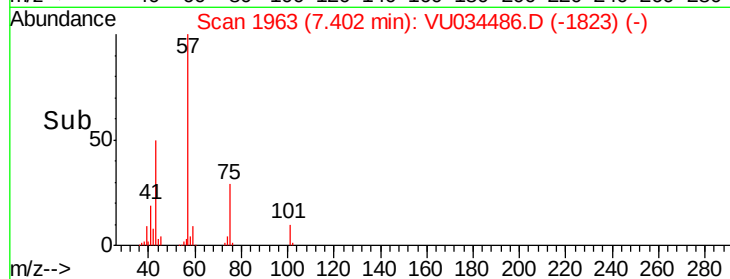
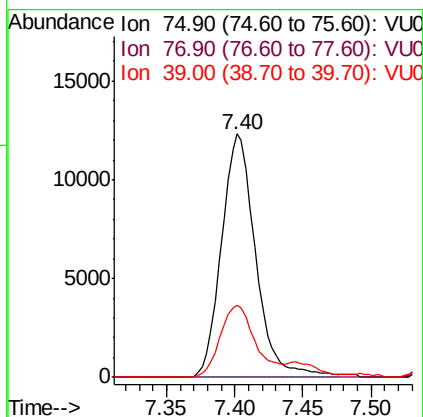
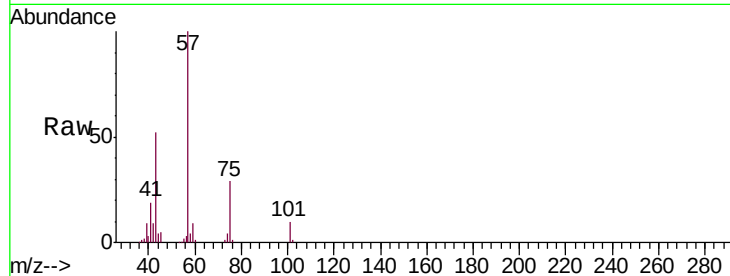
Tgt Ion: 75 Resp: 21392

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 29.7 31.2 46.8#



#56

Ethyl methacrylate

Concen: 3.132 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.02 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

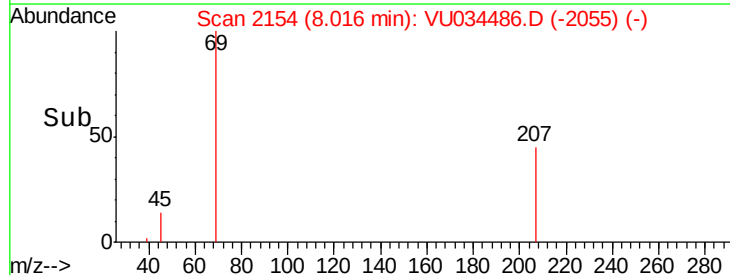
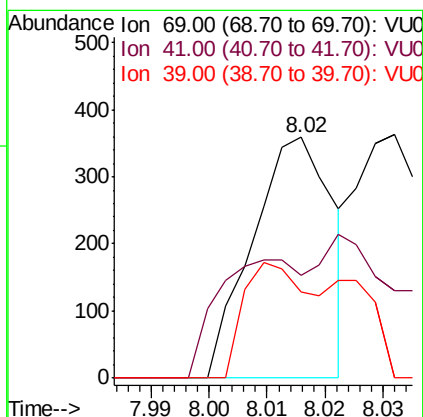
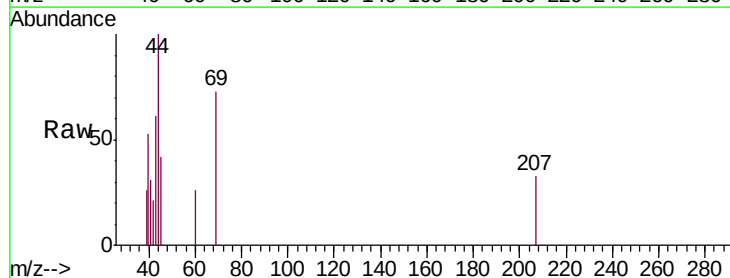
Tgt Ion: 69 Resp: 345

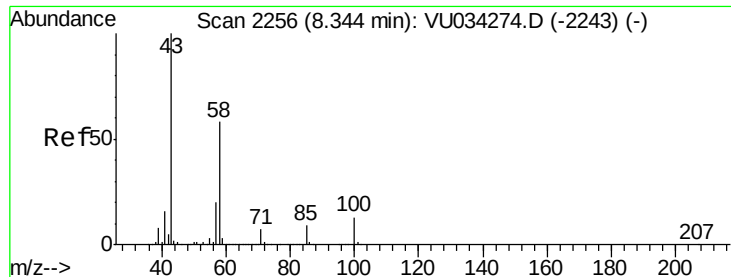
Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

39 0.0 22.5 33.7#

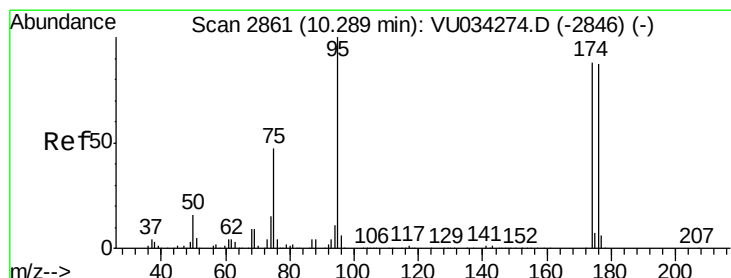
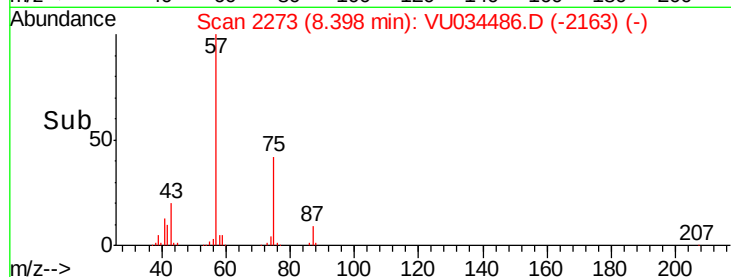
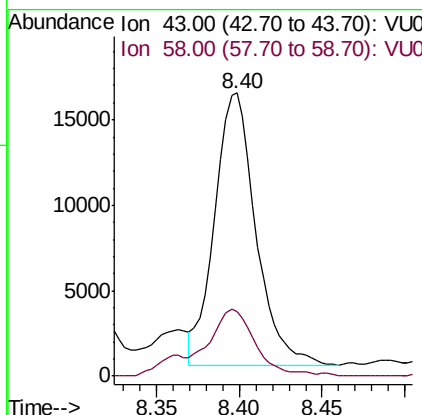
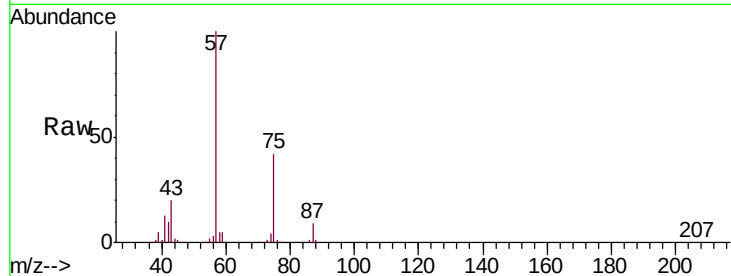




#59
2-Hexanone
Concen: 6.839 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

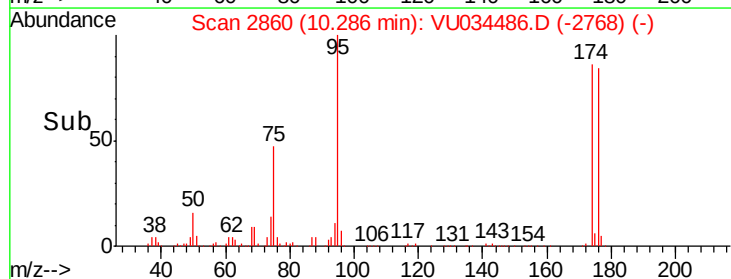
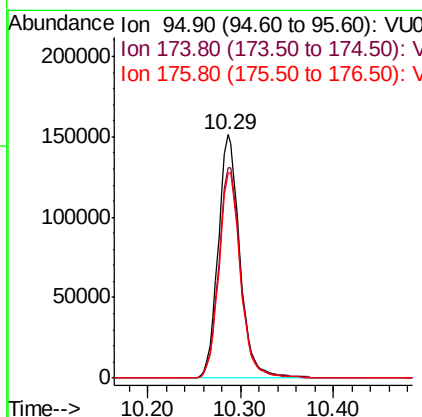
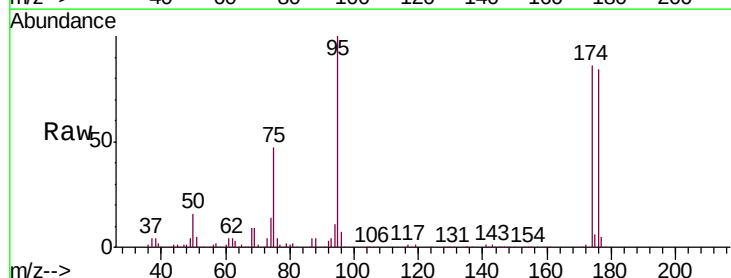
Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

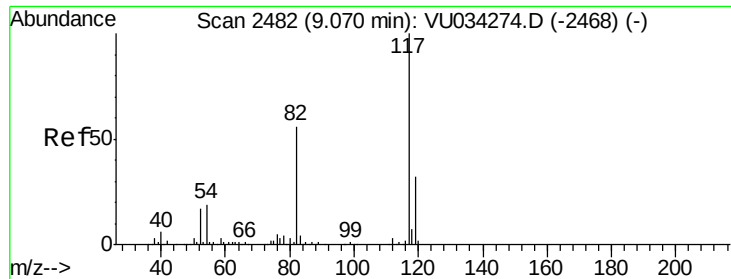
Tgt Ion: 43 Resp: 27490
Ion Ratio Lower Upper
43 100
58 27.2 28.8 86.5#



#62
4-Bromofluorobenzene
Concen: 46.814 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 95 Resp: 245545
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.2
176 84.2 0.0 168.0

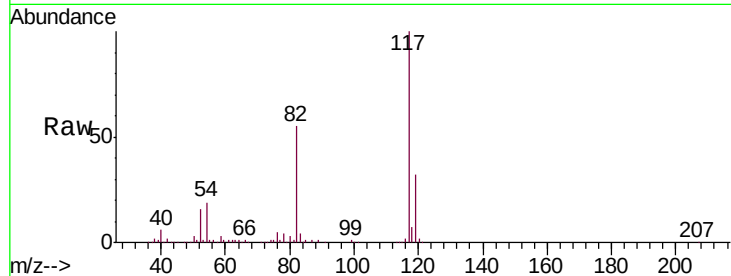




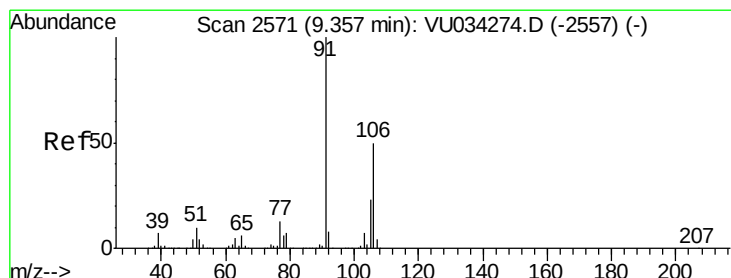
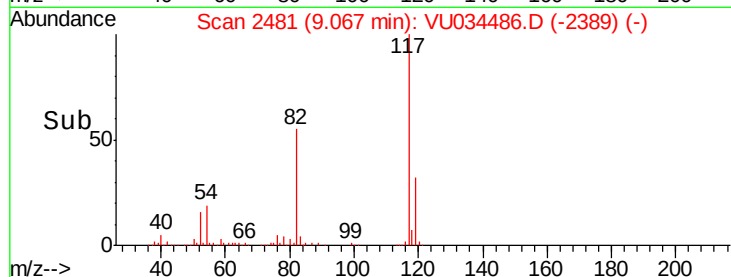
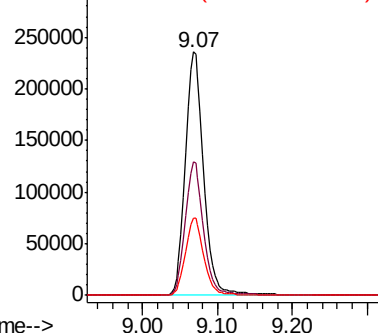
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

Tgt Ion:117 Resp: 404936
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.9 25.9 38.9

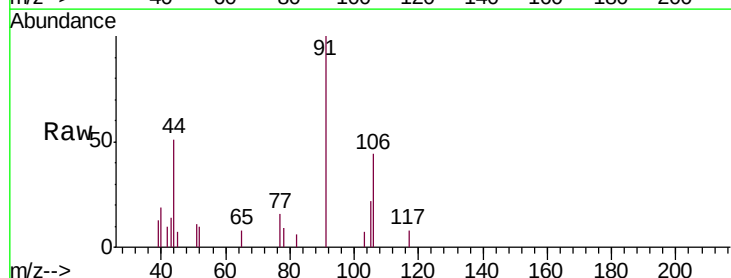


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

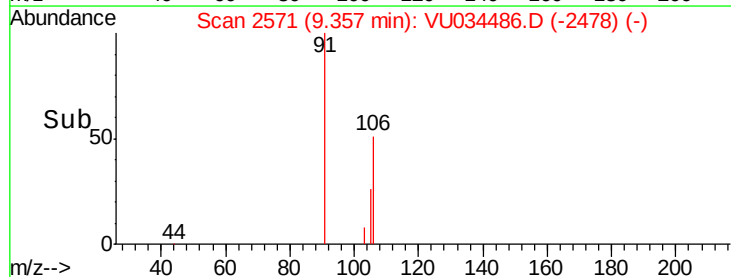
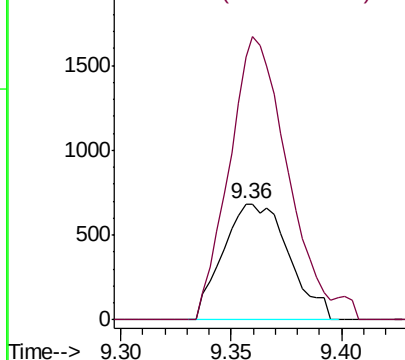


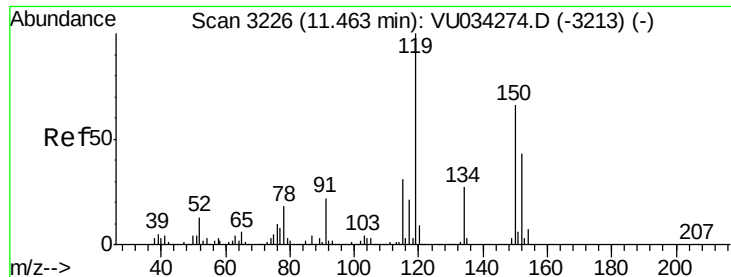
#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion:106 Resp: 1412
Ion Ratio Lower Upper
106 100
91 219.3 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampled :

T11-B4-(0)

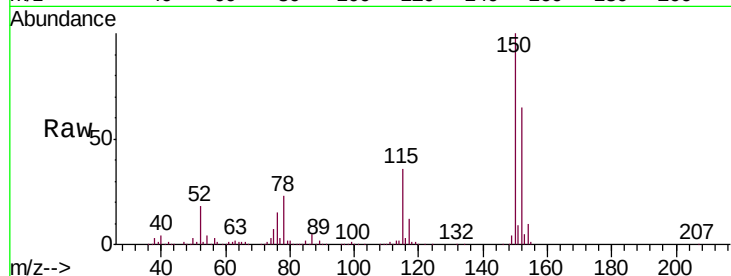
Tgt Ion:152 Resp: 222119

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

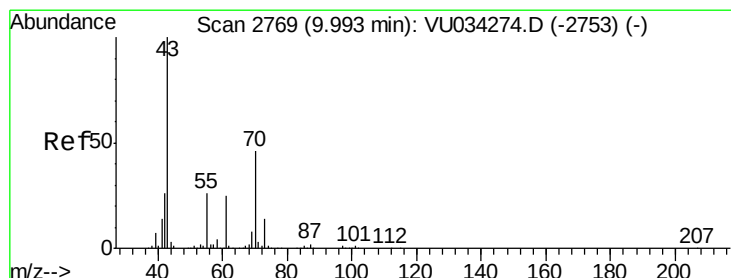
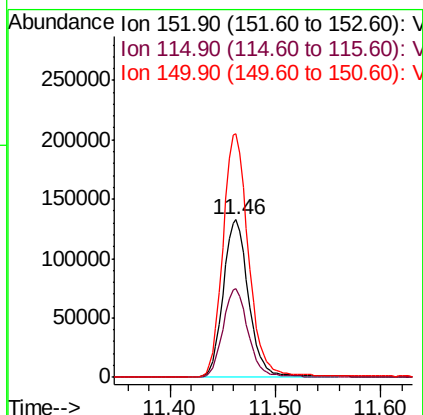
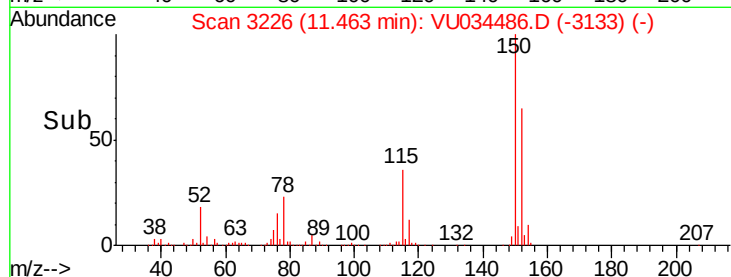
150 155.4 0.0 345.4



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-ethyl acetate

Concen: 0.227 ug/l

RT: 10.02 min Scan# 2776

Delta R.T. 0.02 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Tgt Ion: 43 Resp: 1322

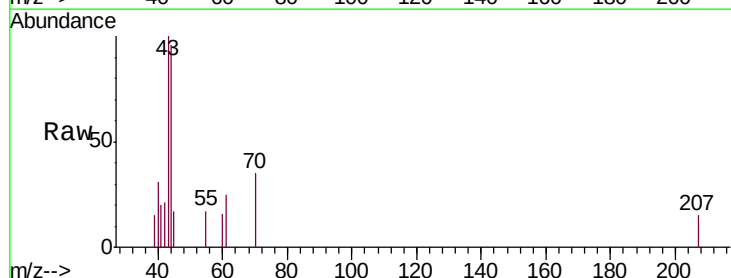
Ion Ratio Lower Upper

43 100

70 39.9 36.4 54.6

55 21.7 21.2 31.8

61 17.3 20.4 30.6#

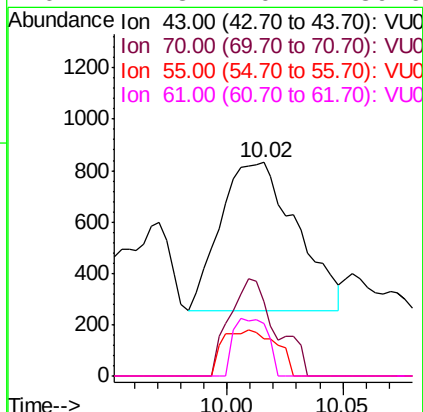
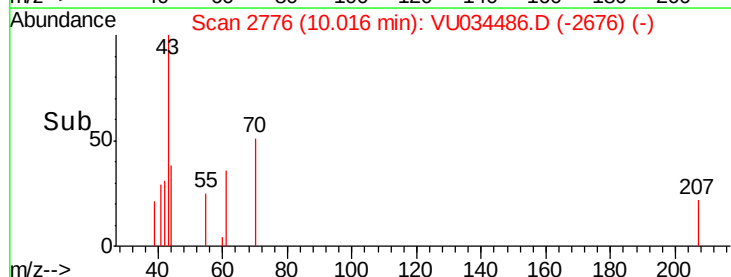


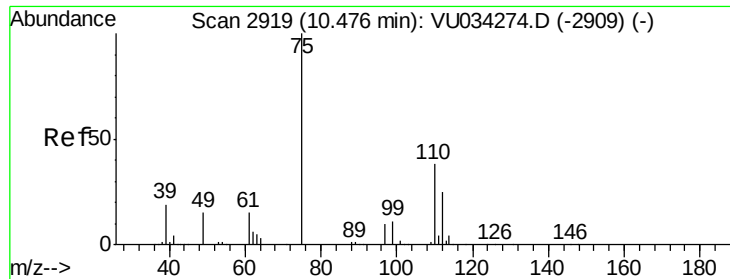
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

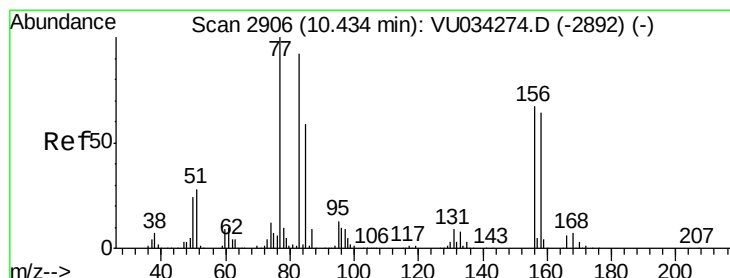
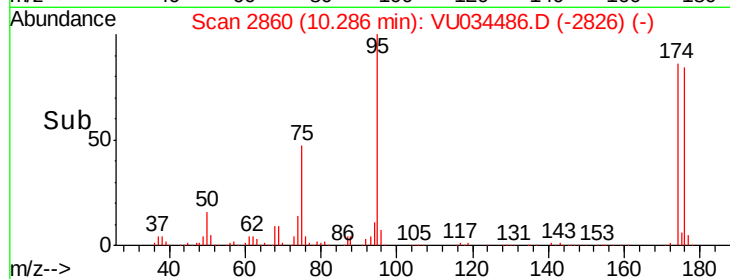
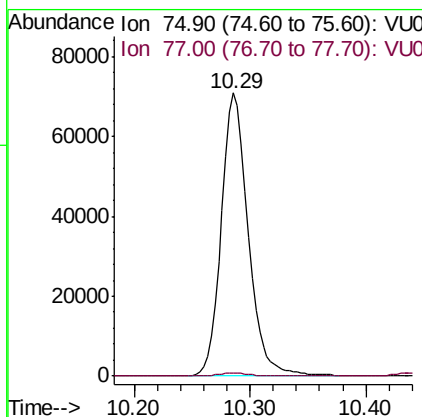
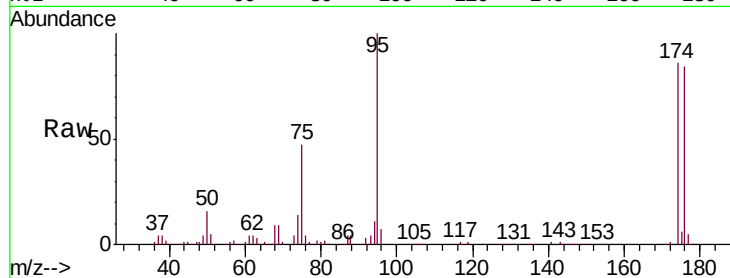




#76
 1,2,3-Trichloropropane
 Concen: 23.513 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.19 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

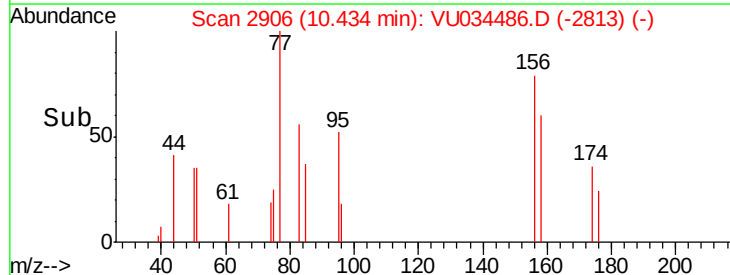
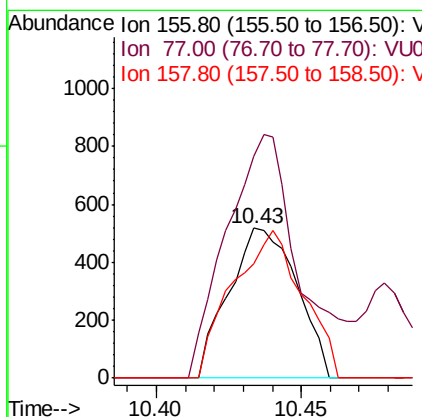
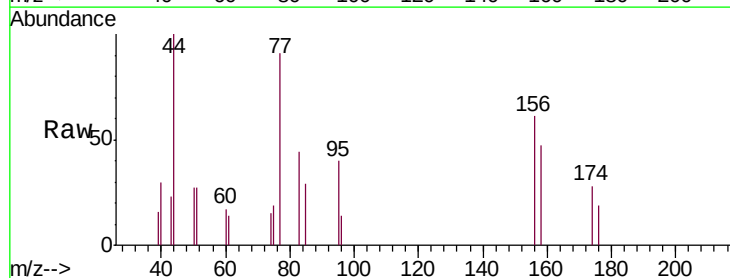
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

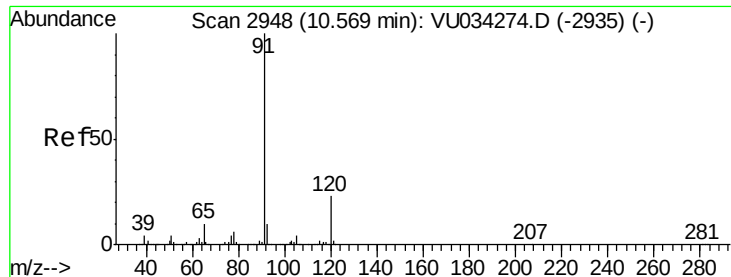
Tgt Ion: 75 Resp: 114001
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.8 62.2#



#77
 Bromobenzene
 Concen: 0.208 ug/l
 RT: 10.43 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Tgt Ion: 156 Resp: 842
 Ion Ratio Lower Upper
 156 100
 77 174.0 75.6 226.9
 158 101.5 48.2 144.6





#78

n-propylbenzene

Concen: 0.219 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

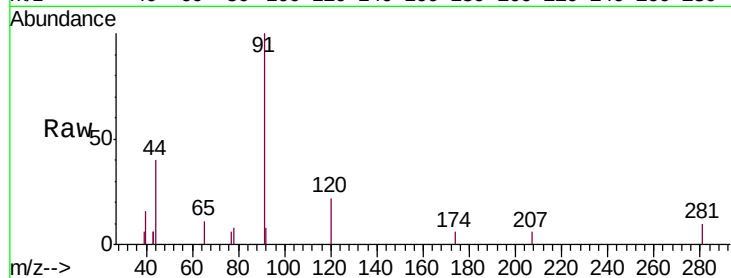
T11-B4-(0)

Tgt Ion: 91 Resp: 3654

Ion Ratio Lower Upper

91 100

120 20.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU034486.D (-2935) (-)

Ion 120.00 (119.70 to 120.70): VU034486.D (-2935) (-)

10.57

2000

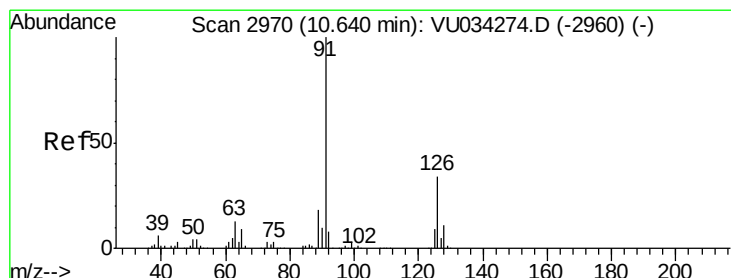
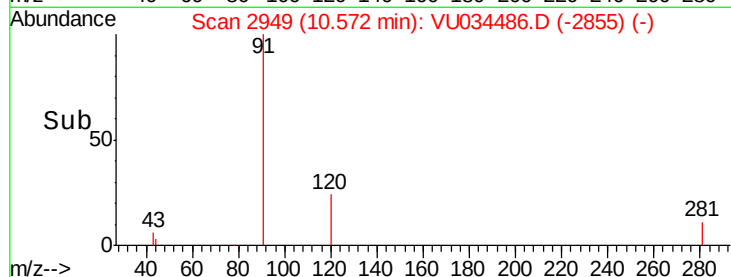
1500

1000

500

0

Time--> 10.50 10.55 10.60



#79

2-Chlorotoluene

Concen: 0.205 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. 0.01 min

Lab File: VU034486.D

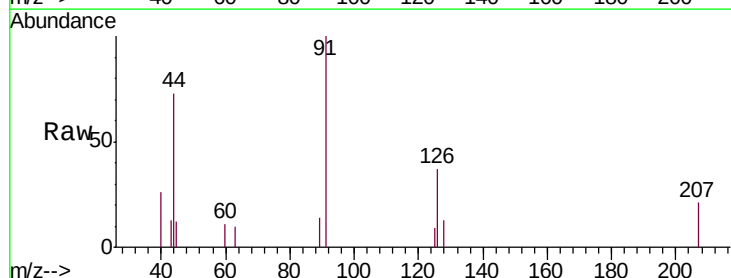
Acq: 11 Sep 2019 19:52

Tgt Ion: 91 Resp: 2084

Ion Ratio Lower Upper

91 100

126 29.5 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034486.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034486.D (-2960) (-)

10.65

2000

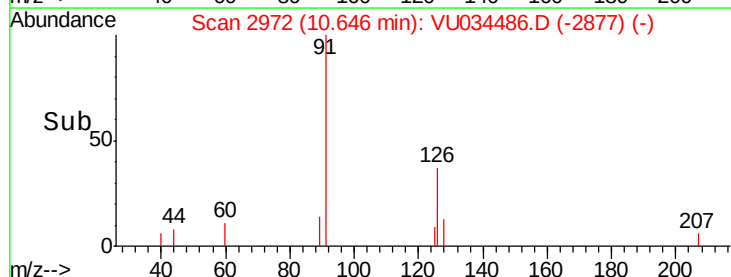
1500

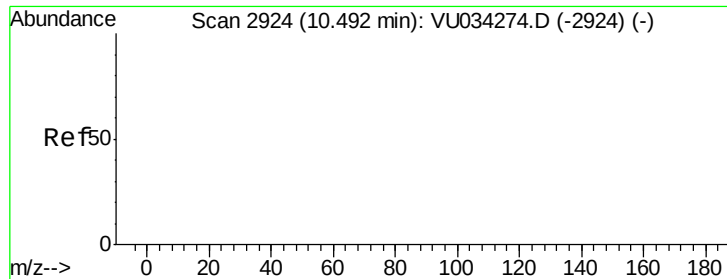
1000

500

0

Time--> 10.60 10.65 10.70

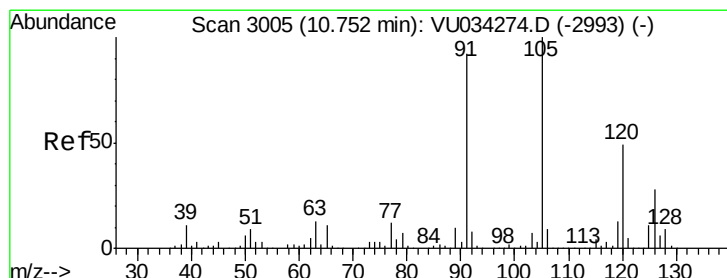
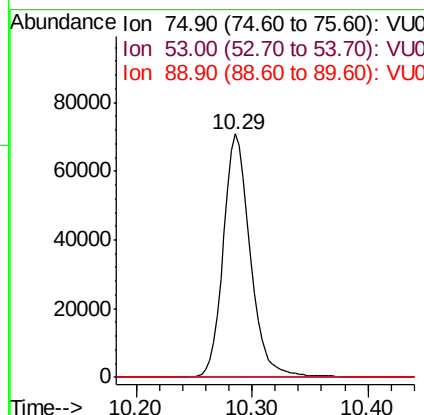
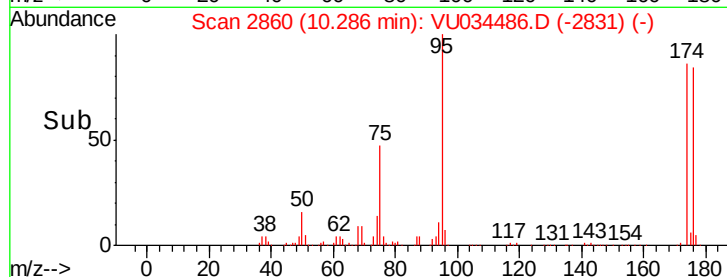
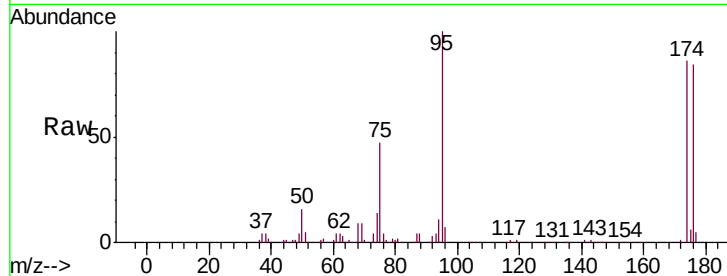




#81
trans-1,4-Dichloro-2-butene
Concen: 79.072 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

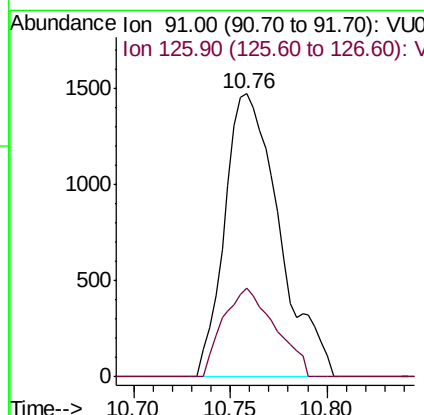
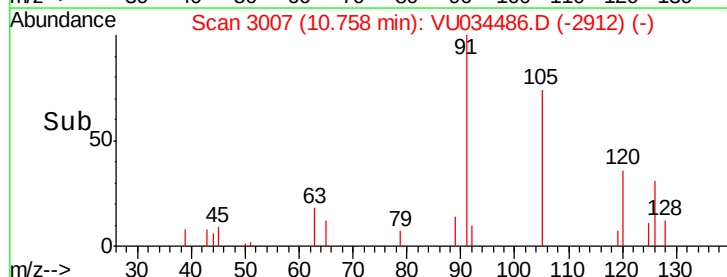
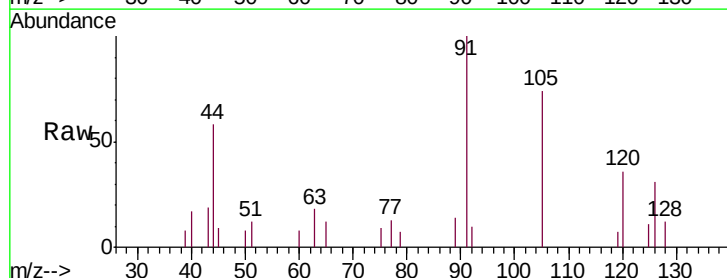
Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

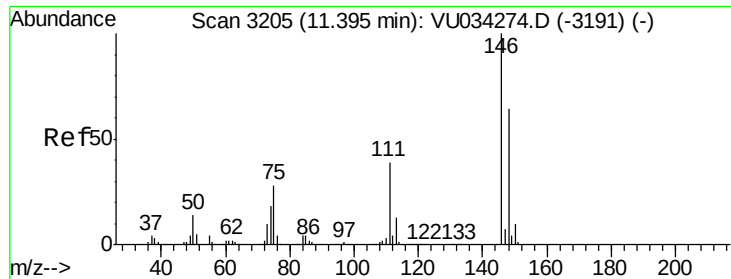
Tgt Ion: 75 Resp: 114001
Ion Ratio Lower Upper
75 100
53 0.3 0.0 0.0#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.247 ug/l
RT: 10.76 min Scan# 3007
Delta R.T. 0.01 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 91 Resp: 2892
Ion Ratio Lower Upper
91 100
126 30.0 15.3 45.8

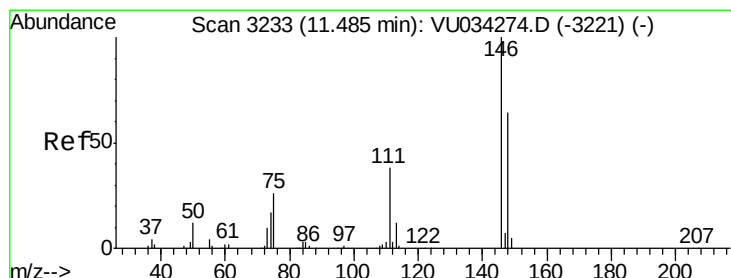
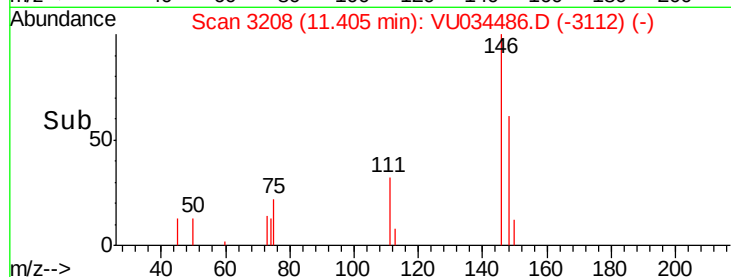
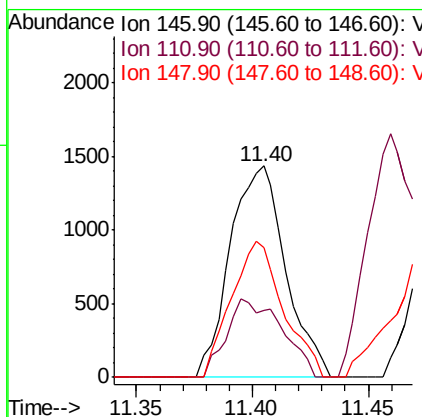
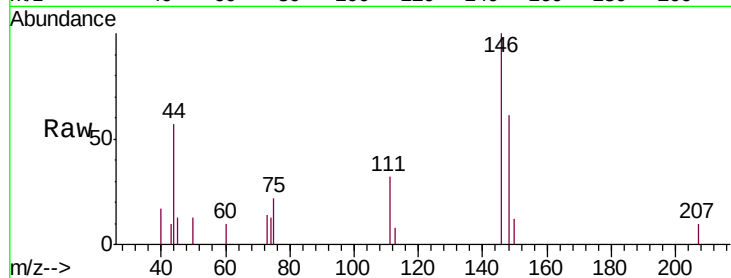




#87
 1,3-Dichlorobenzene
 Concen: 0.324 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. 0.01 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

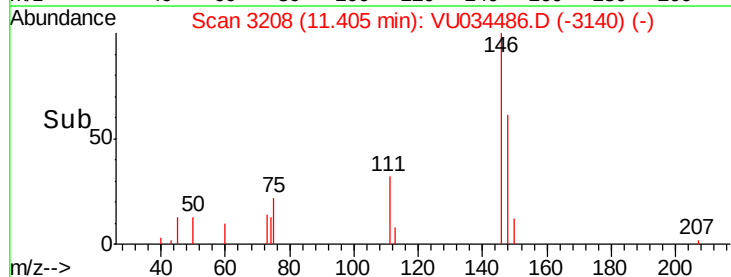
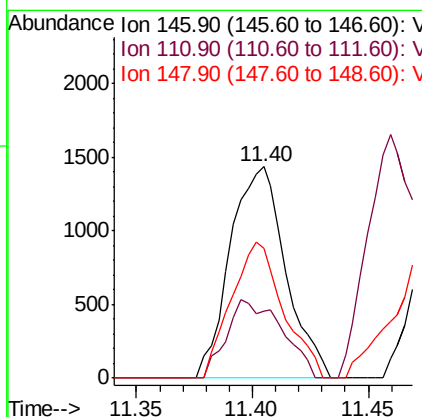
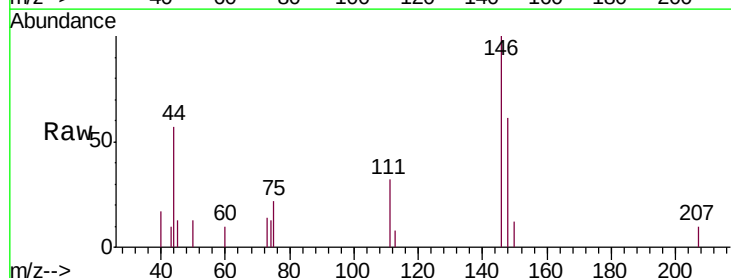
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

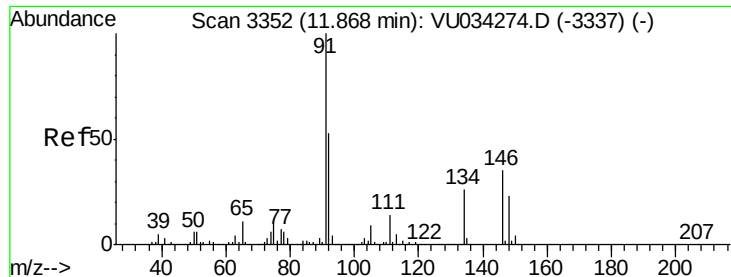
Tgt Ion:146 Resp: 2388
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.5 58.5
 148 60.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.310 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. -0.08 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Tgt Ion:146 Resp: 2388
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.3
 148 60.3 32.0 96.0





#89

n-Butylbenzene

Concen: 0.311 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

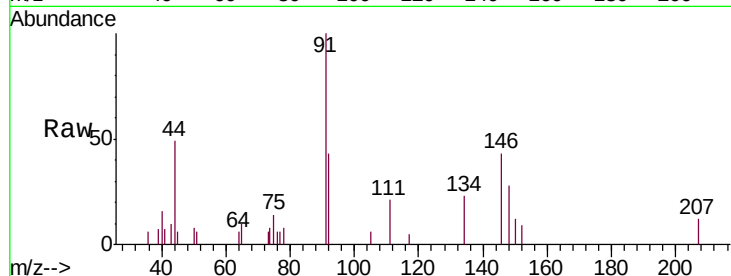
Tgt Ion: 91 Resp: 3567

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.4

134 23.8 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VU034486.D (-3259) (-)

Ion 92.00 (91.70 to 92.70): VU034486.D (-3259) (-)

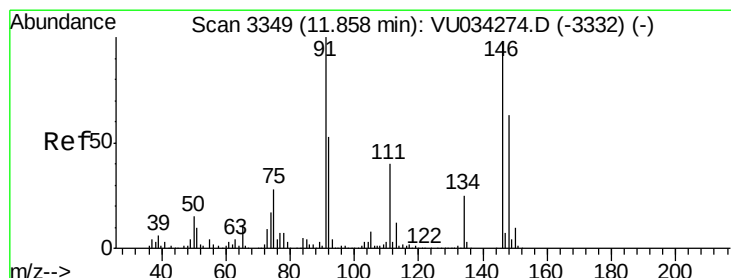
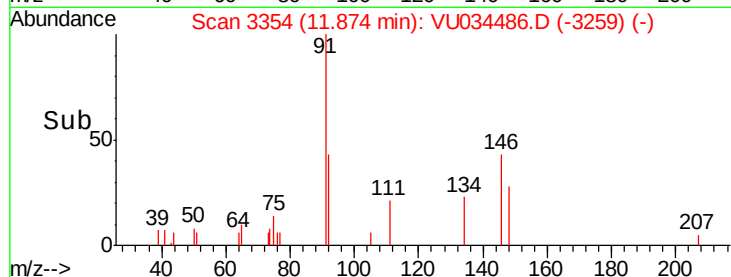
Ion 134.00 (133.70 to 134.70): VU034486.D (-3259) (-)

Time-->

11.87

11.85

11.90



#91

1,2-Dichlorobenzene

Concen: 0.272 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

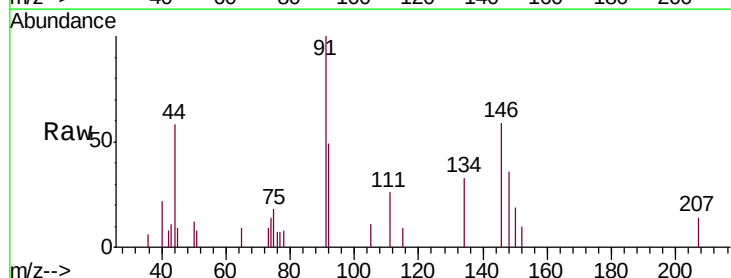
Tgt Ion: 146 Resp: 1972

Ion Ratio Lower Upper

146 100

111 38.8 20.0 60.0

148 71.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): VU034486.D (-3256) (-)

Ion 110.90 (110.60 to 111.60): VU034486.D (-3256) (-)

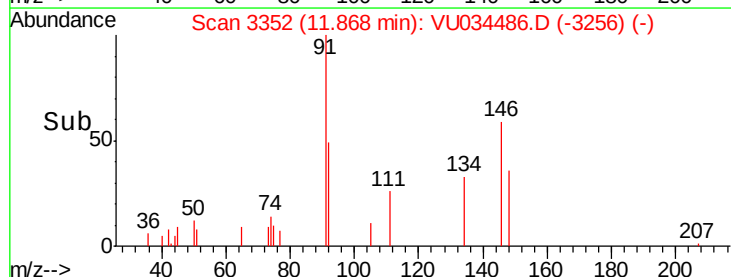
Ion 147.90 (147.60 to 148.60): VU034486.D (-3256) (-)

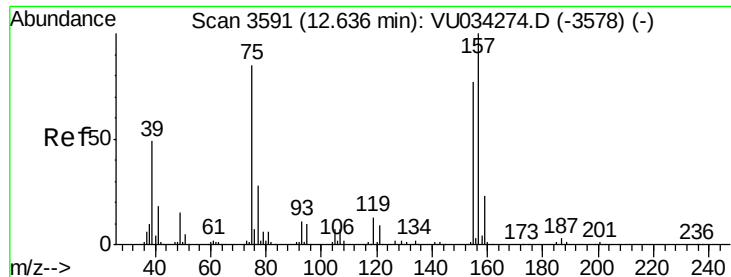
Time-->

11.87

11.85

11.90





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.211 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

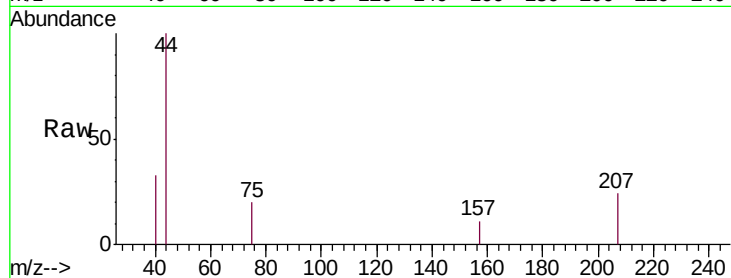
Tgt Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

155 0.0 44.6 134.0#

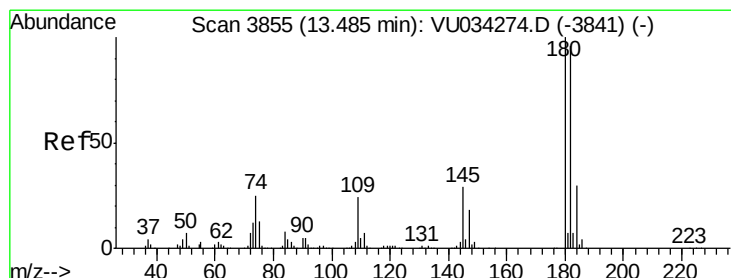
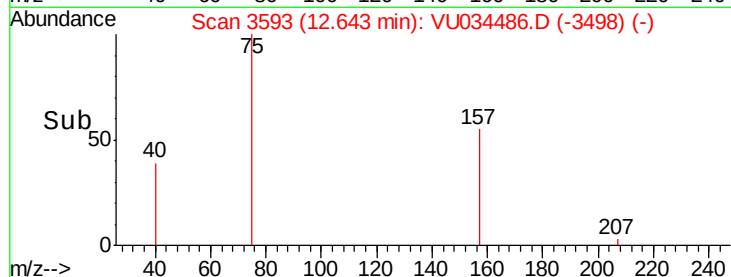
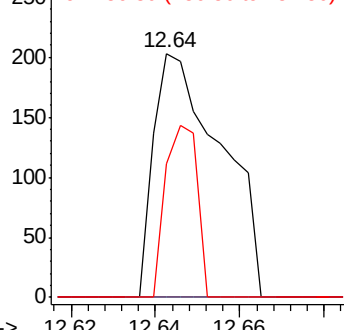
157 33.0 58.2 174.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.771 ug/l

RT: 13.51 min Scan# 3863

Delta R.T. 0.03 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

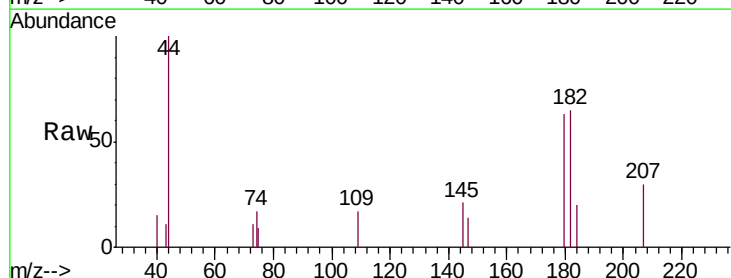
Tgt Ion: 180 Resp: 1803

Ion Ratio Lower Upper

180 100

182 79.0 47.9 143.8

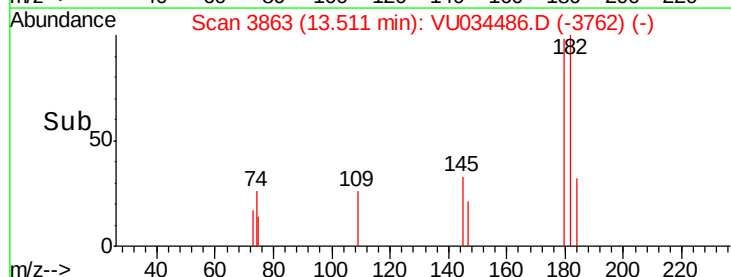
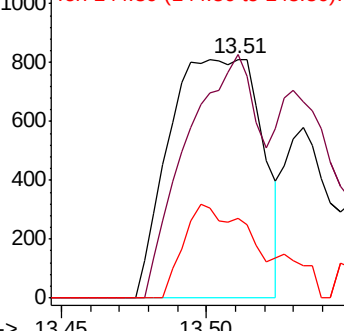
145 33.4 14.4 43.0

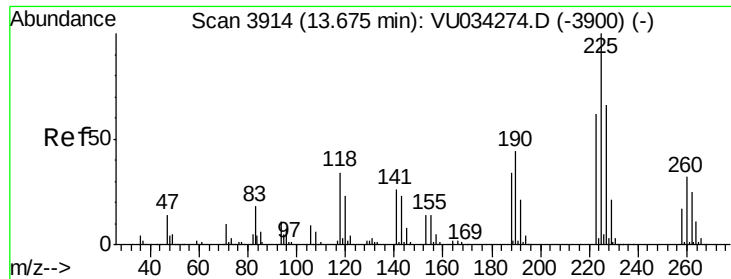


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.621 ug/l

RT: 13.68 min Scan# 3915

Delta R.T. 0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

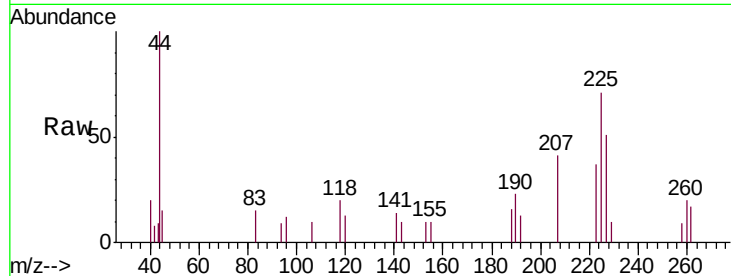
Tgt Ion:225 Resp: 1575

Ion Ratio Lower Upper

225 100

223 51.0 31.6 94.7

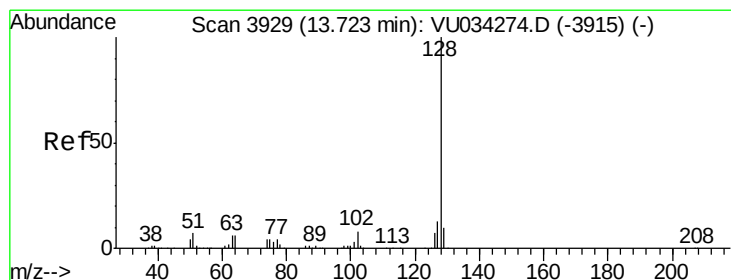
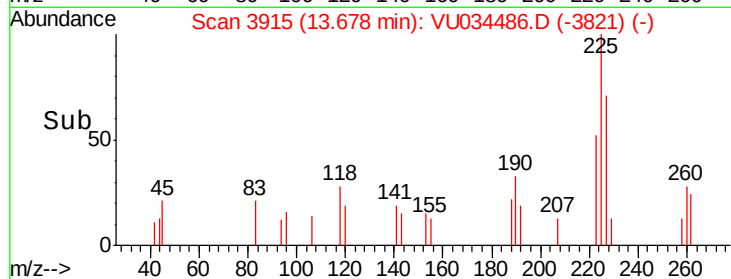
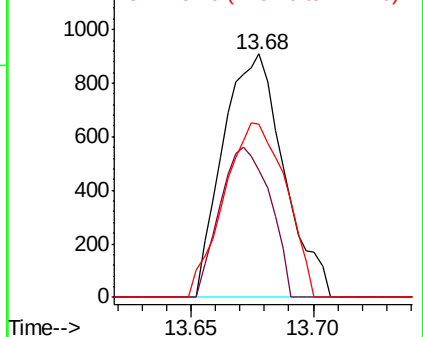
227 72.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.587 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

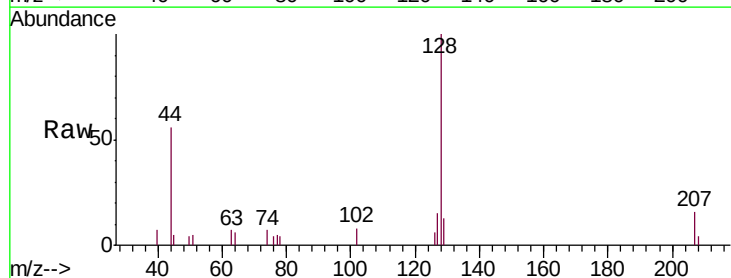
Tgt Ion:128 Resp: 9989

Ion Ratio Lower Upper

128 100

127 9.8 10.6 15.8#

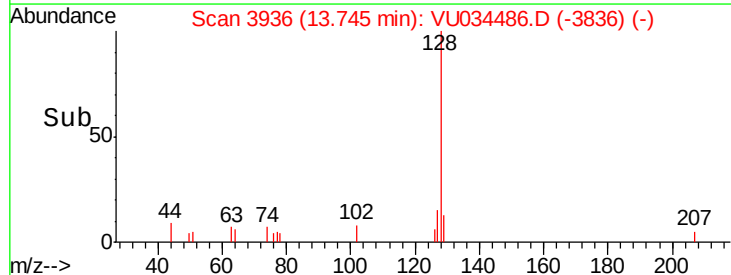
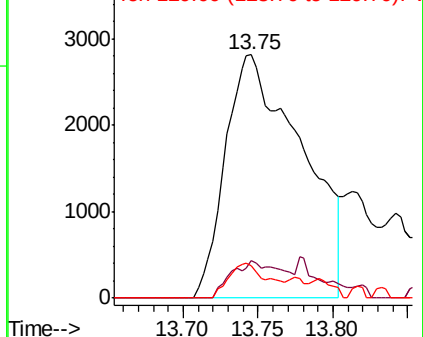
129 7.4 8.4 12.6#

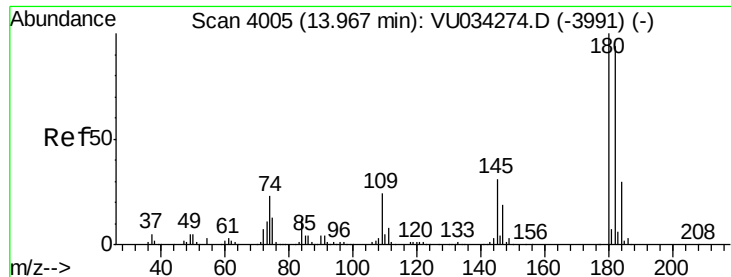


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.334 ug/l
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

Tgt Ion:180 Resp: 3726
 Ion Ratio Lower Upper
 180 100
 182 92.2 48.4 145.0
 145 7.6 15.4 46.4#

