

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
 Data File : VU034192.D
 Acq On : 02 Sep 2019 11:20
 Operator : JC/SP
 Sample : K4544-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

Quant Time: Sep 03 05:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	431181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	693762	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	682695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	317947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	272806	49.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.76%	
35) Dibromofluoromethane	4.86	113	228636	47.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.02%	
50) Toluene-d8	7.55	98	909275	50.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	10.29	95	309081	44.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.20%	

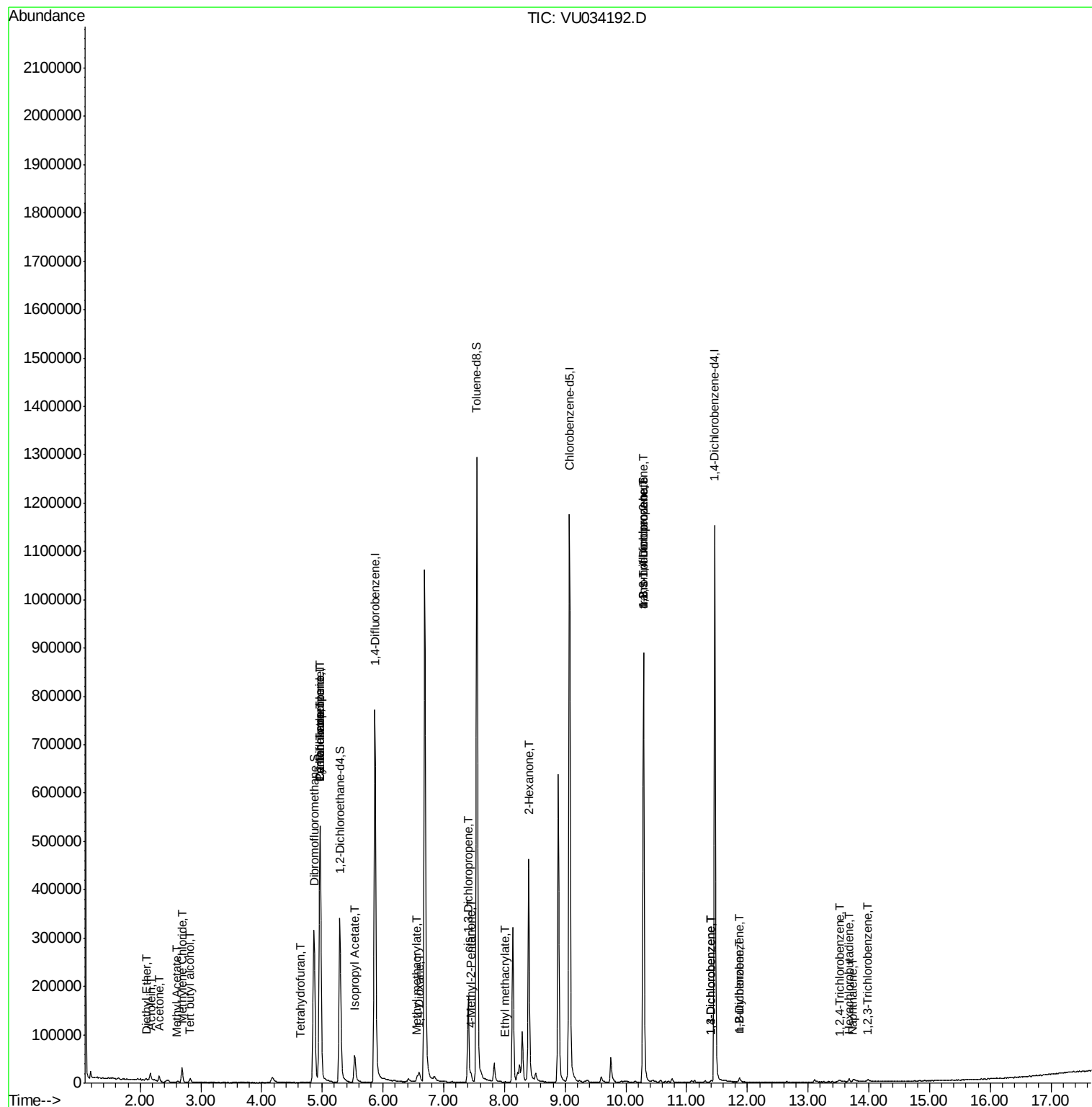
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	842	Below Cal		99
5) Bromomethane	1.57	94	67	Below Cal	#	2
8) Diethyl Ether	2.10	74	985	0.344	ug/l	85
11) Tert butyl alcohol	2.82	59	5306	4.165	ug/l #	73
13) Acrolein	2.18	56	188	0.351	ug/l #	65
16) Acetone	2.31	43	13572	4.814	ug/l	100
18) Methyl Acetate	2.61	43	3371	0.463	ug/l #	85
20) Methylene Chloride	2.69	84	13262	2.485	ug/l	95
29) Tetrahydrofuran	4.65	42	811	0.335	ug/l #	50
31) Cyclohexane	4.96	56	8053	0.976	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	31412	4.787	ug/l #	48
38) Carbon Tetrachloride	4.96	117	39474	6.232	ug/l #	16
43) Isopropyl Acetate	5.53	43	70051	6.266	ug/l	99
48) Methyl methacrylate	6.54	41	3848	0.713	ug/l #	14
49) 1,4-Dioxane	6.61	88	452	3.344	ug/l #	1
51) 4-Methyl-2-Pentanone	7.44	43	10129	1.312	ug/l	91
54) cis-1,3-Dichloropropene	7.40	75	33244	3.981	ug/l #	63
56) Ethyl methacrylate	8.01	69	544	1.034	ug/l #	27
59) 2-Hexanone	8.40	43	68229	11.706	ug/l #	50
76) 1,2,3-Trichloropropane	10.29	75	146212	20.404	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	146212	68.704	ug/l #	100
87) 1,3-Dichlorobenzene	11.40	146	2298	0.226	ug/l	88
88) 1,4-Dichlorobenzene	11.40	146	2298	0.223	ug/l	89
89) n-Butylbenzene	11.87	91	3928	0.231	ug/l	87
91) 1,2-Dichlorobenzene	11.87	146	2121	0.218	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	1208	1.284	ug/l #	56
94) Hexachlorobutadiene	13.67	225	1415	0.371	ug/l	100
95) Naphthalene	13.74	128	3886	1.979	ug/l	95
96) 1,2,3-Trichlorobenzene	13.99	180	3528	0.565	ug/l	86

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

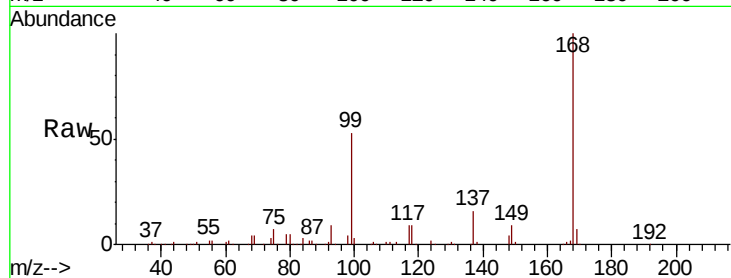
T16-17-B4-(0)

Tgt Ion:168 Resp: 431181

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

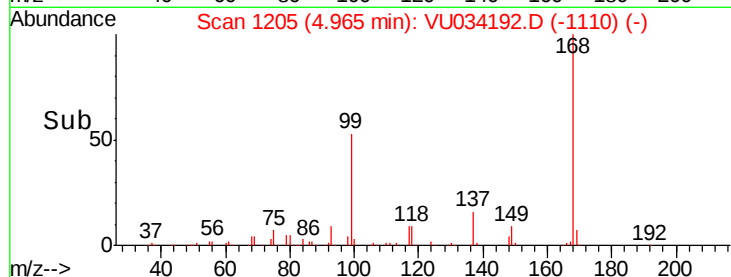
100000

50000

0

4.90 5.00

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034192.D

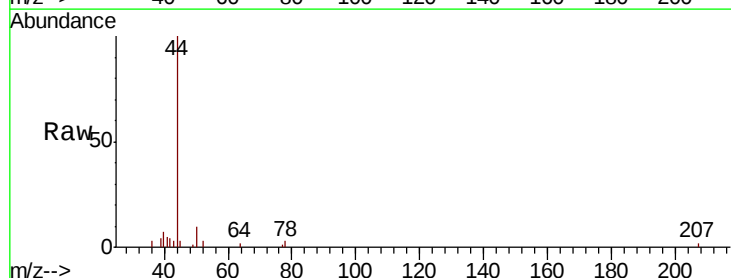
Acq: 02 Sep 2019 11:20

Tgt Ion: 50 Resp: 842

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034018.D (-63) (-)

1.33

800

600

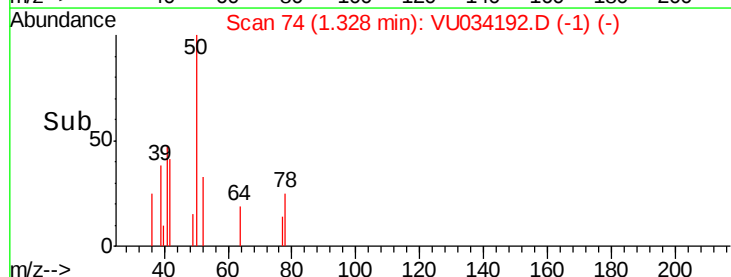
400

200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.57 min Scan# 149

Delta R.T. -0.03 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

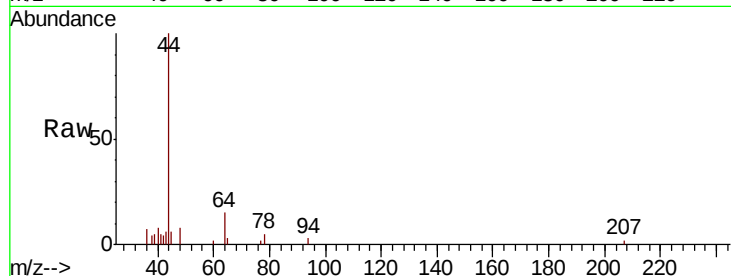
T16-17-B4-(0)

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

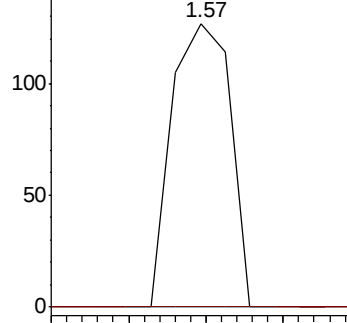
94 100

96 0.0 76.3 114.5#

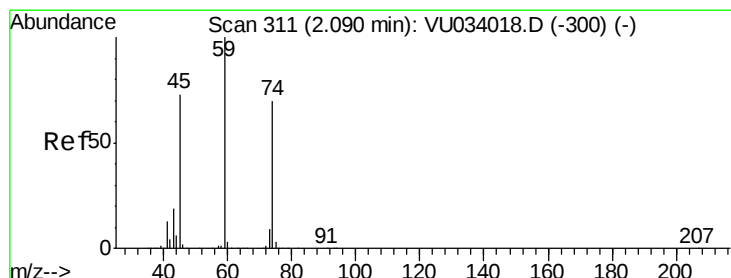
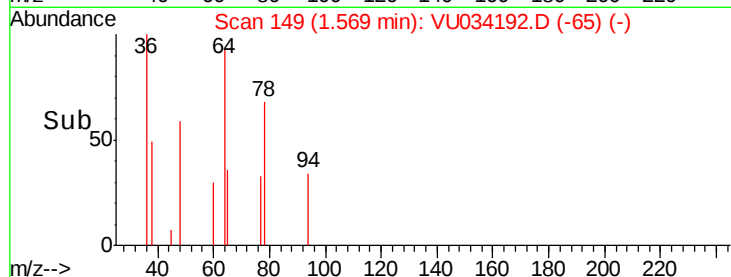


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time--> 1.55 1.56 1.57 1.58



#8

Diethyl Ether

Concen: 0.344 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.01 min

Lab File: VU034192.D

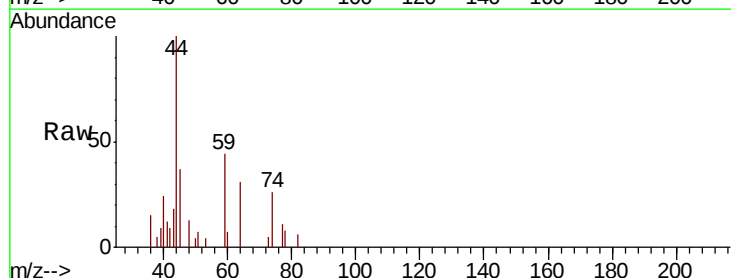
Acq: 02 Sep 2019 11:20

Tgt Ion: 74 Resp: 985

Ion Ratio Lower Upper

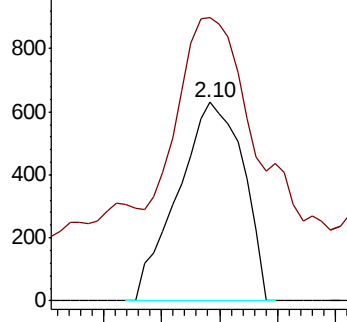
74 100

45 118.6 51.8 155.5

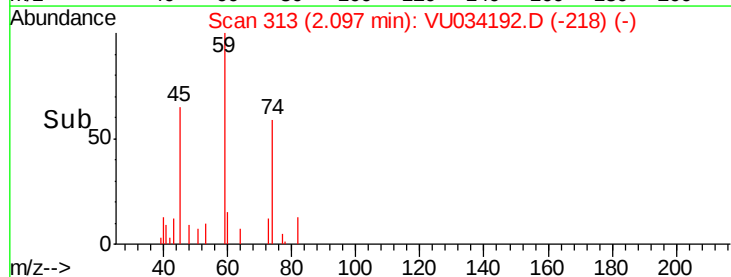


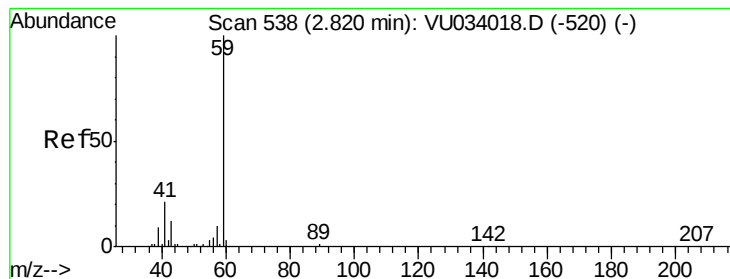
Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time--> 2.06 2.08 2.10 2.12





#11

Tert butyl alcohol

Concen: 4.165 ug/l

RT: 2.82 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

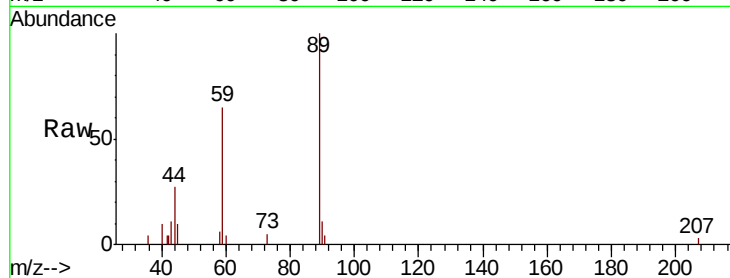
T16-17-B4-(0)

Tgt Ion: 59 Resp: 5306

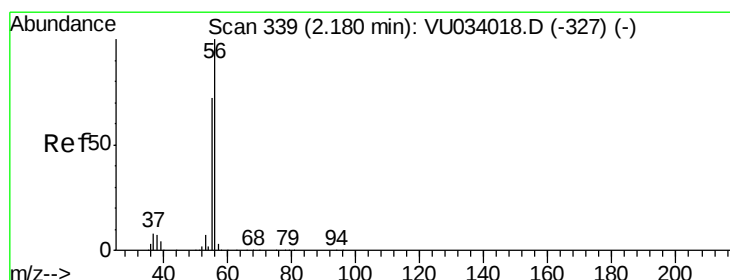
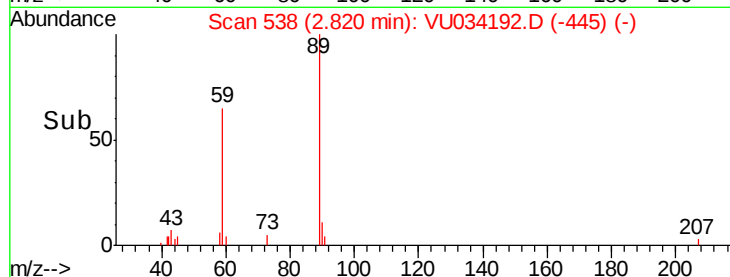
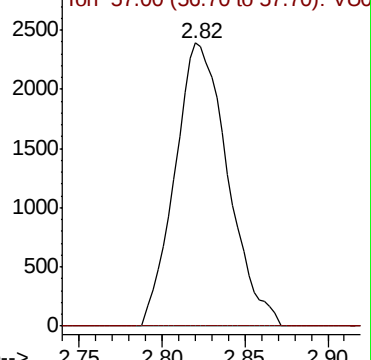
Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034192.D (-445) (-)



#13

Acrolein

Concen: 0.351 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034192.D

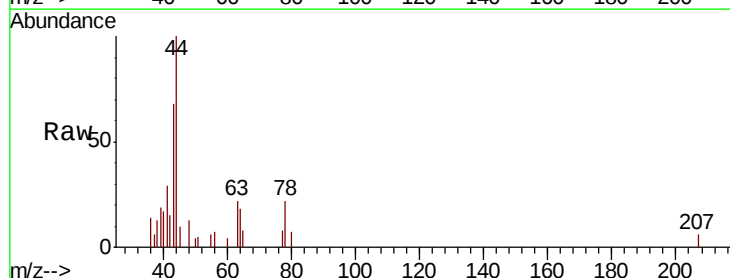
Acq: 02 Sep 2019 11:20

Tgt Ion: 56 Resp: 188

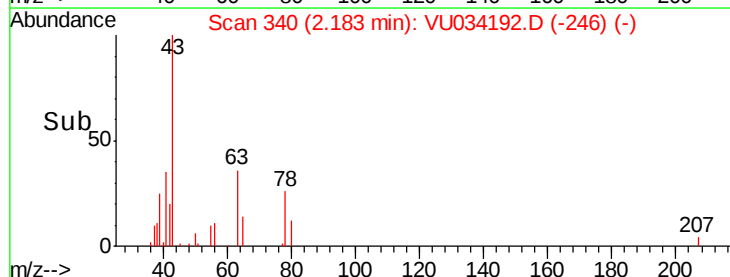
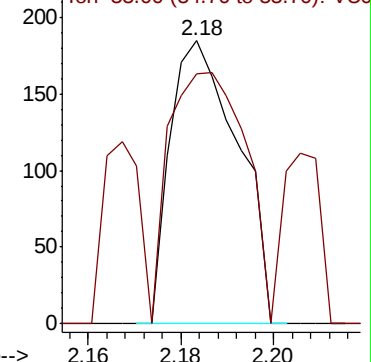
Ion Ratio Lower Upper

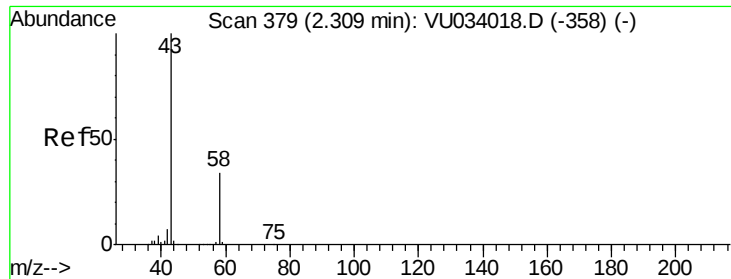
56 100

55 100.5 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU034192.D (-246) (-)





#16

Acetone

Concen: 4.814 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

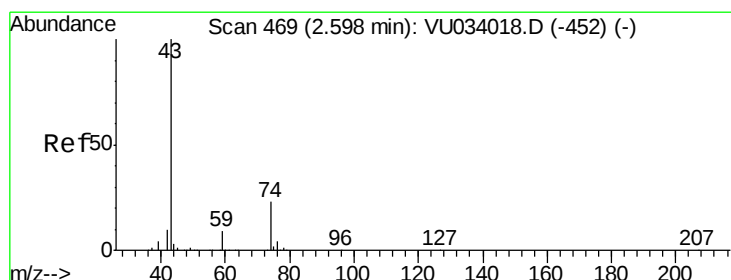
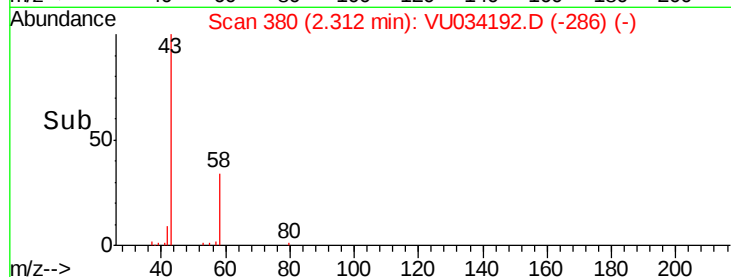
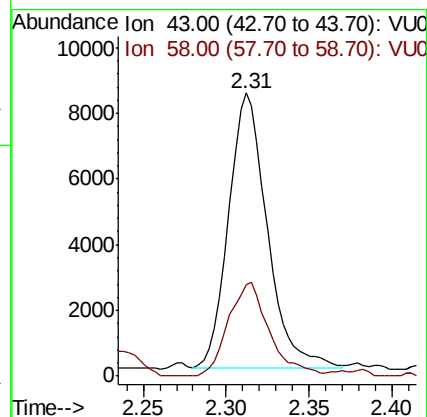
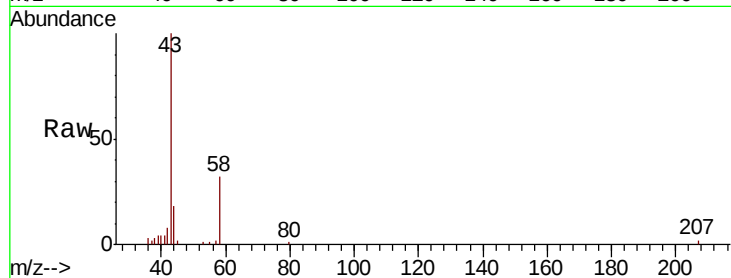
T16-17-B4-(0)

Tgt Ion: 43 Resp: 13572

Ion Ratio Lower Upper

43 100

58 33.3 26.8 40.2



#18

Methyl Acetate

Concen: 0.463 ug/l

RT: 2.61 min Scan# 473

Delta R.T. 0.01 min

Lab File: VU034192.D

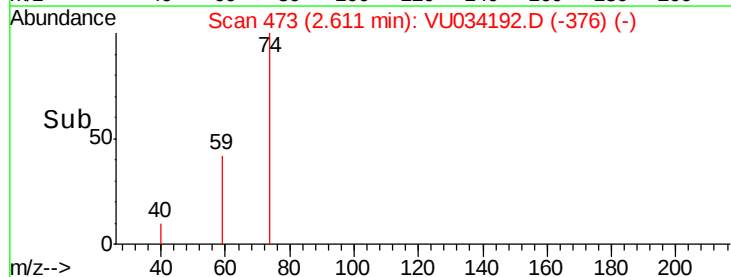
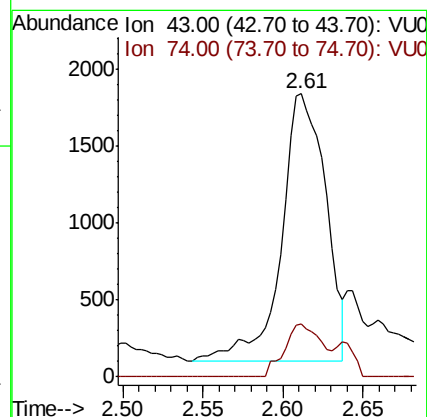
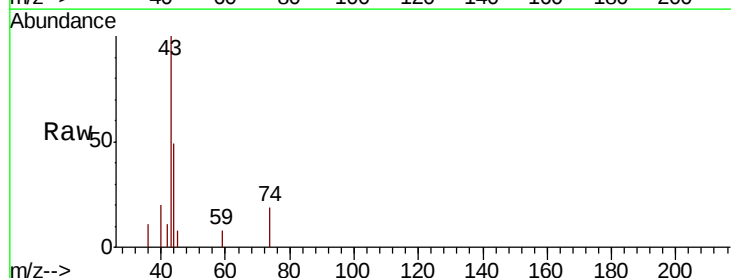
Acq: 02 Sep 2019 11:20

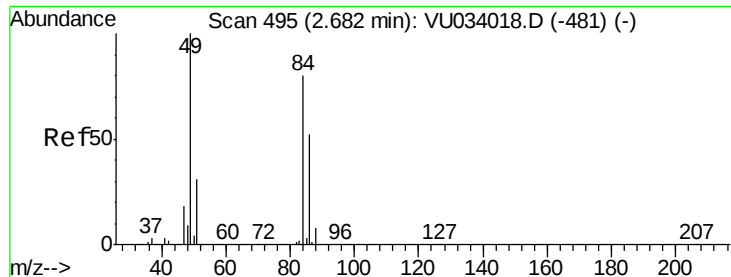
Tgt Ion: 43 Resp: 3371

Ion Ratio Lower Upper

43 100

74 16.6 19.2 28.8#





#20

Methylene Chloride

Concen: 2.485 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

Tgt Ion: 84 Resp: 13262

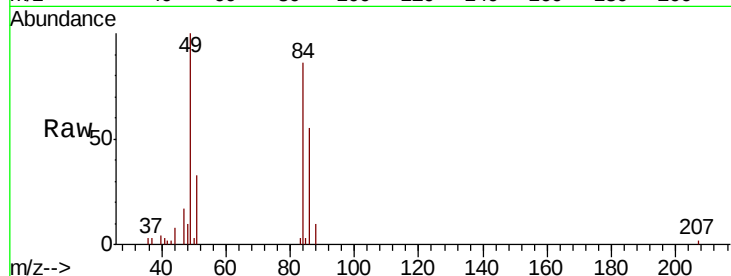
Ion Ratio Lower Upper

84 100

49 116.3 100.2 150.4

51 38.0 30.8 46.2

86 63.8 52.5 78.7

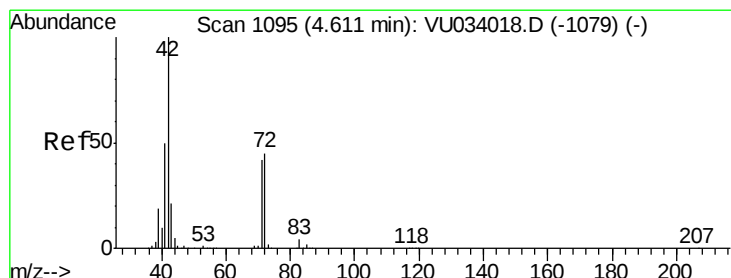
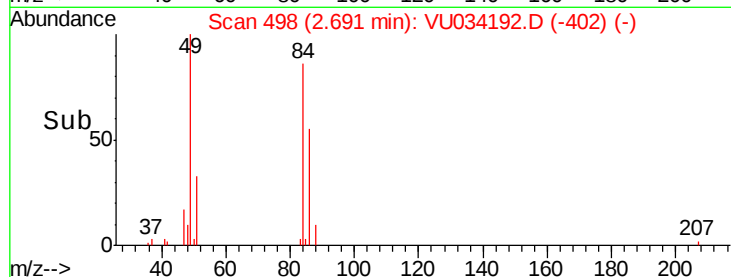
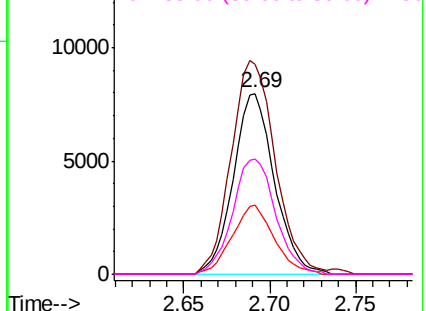


Abundance Ion 83.90 (83.60 to 84.60): VU034192.D (-498) (-)

Ion 48.90 (48.60 to 49.60): VU034192.D (-498) (-)

Ion 50.90 (50.60 to 51.60): VU034192.D (-498) (-)

Ion 85.90 (85.60 to 86.60): VU034192.D (-498) (-)



#29

Tetrahydrofuran

Concen: 0.335 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.04 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

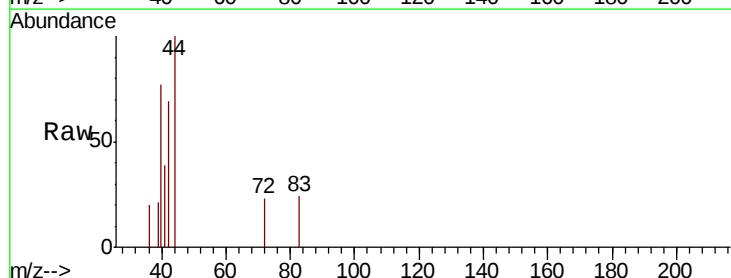
Tgt Ion: 42 Resp: 811

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.6#

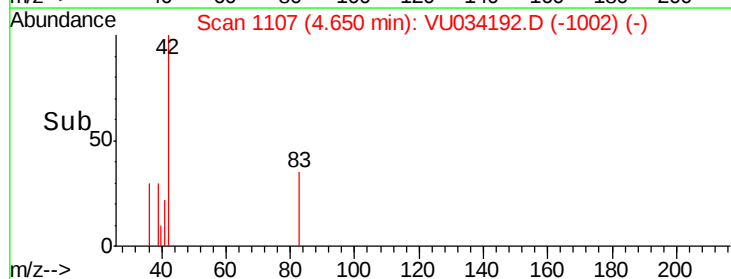
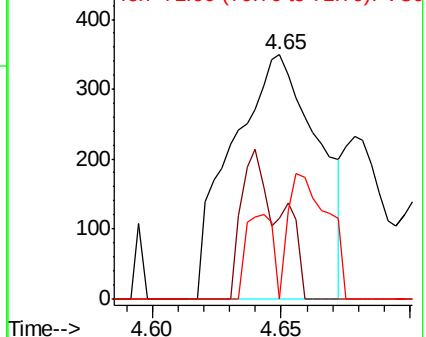
71 23.4 34.0 51.0#

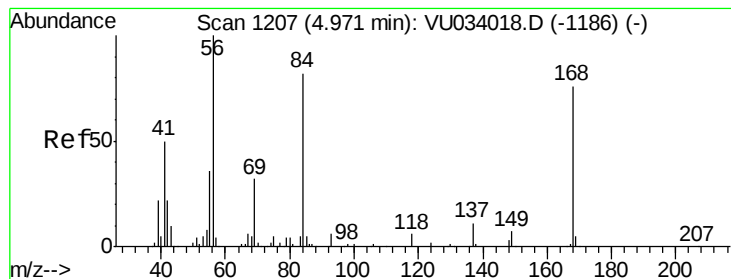


Abundance Ion 42.00 (41.70 to 42.70): VU034192.D (-1107) (-)

Ion 72.00 (71.70 to 72.70): VU034192.D (-1107) (-)

Ion 71.00 (70.70 to 71.70): VU034192.D (-1107) (-)





#31

Cyclohexane

Concen: 0.976 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

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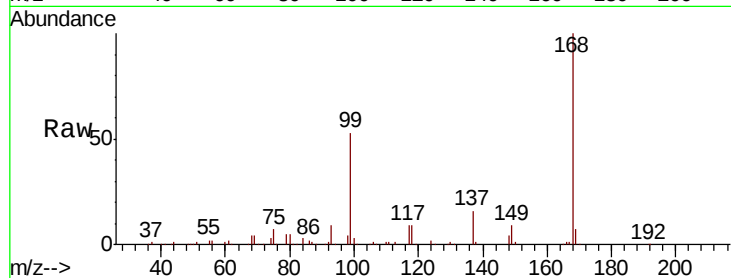
Tgt Ion: 56 Resp: 8053

Ion Ratio Lower Upper

56 100

69 211.6 25.4 38.0#

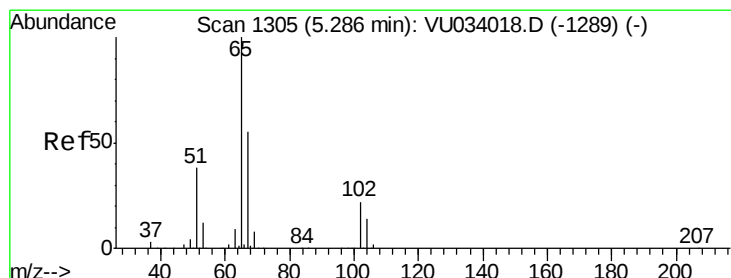
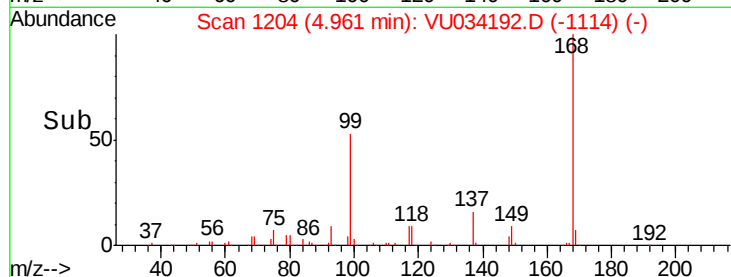
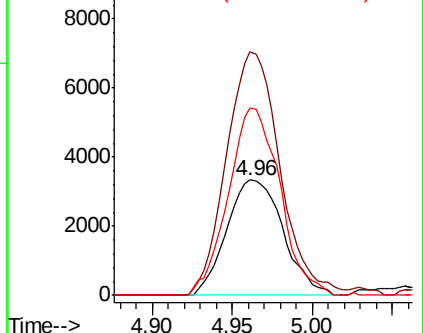
84 162.9 65.8 98.8#



Abundance Ion 56.00 (55.70 to 56.70): VU034192.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU034192.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU034192.D (-1186) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.378 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034192.D

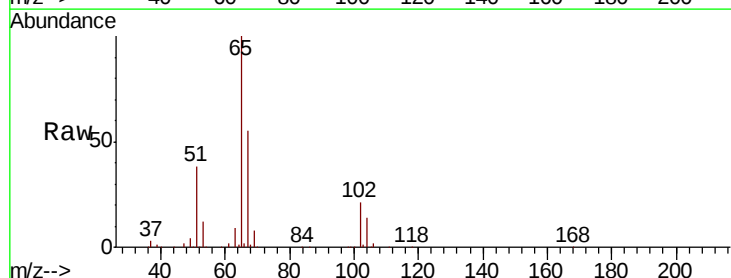
Acq: 02 Sep 2019 11:20

Tgt Ion: 65 Resp: 272806

Ion Ratio Lower Upper

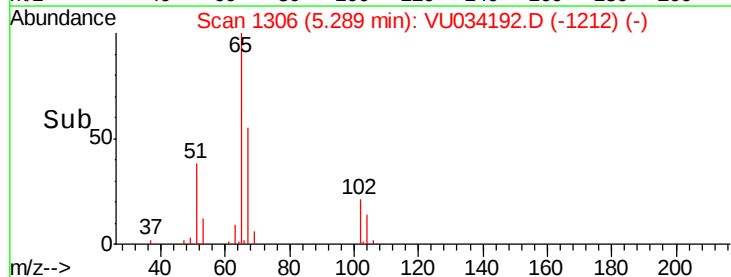
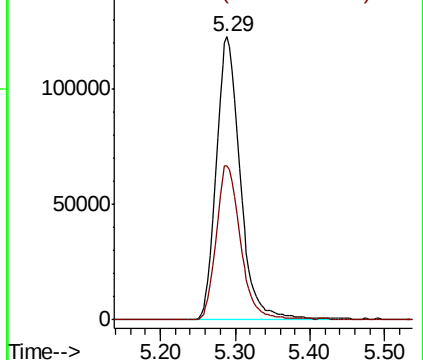
65 100

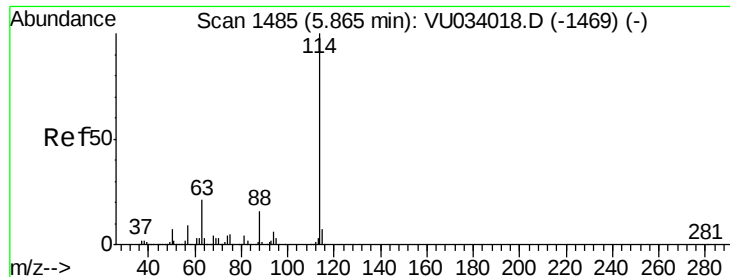
67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034192.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034192.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

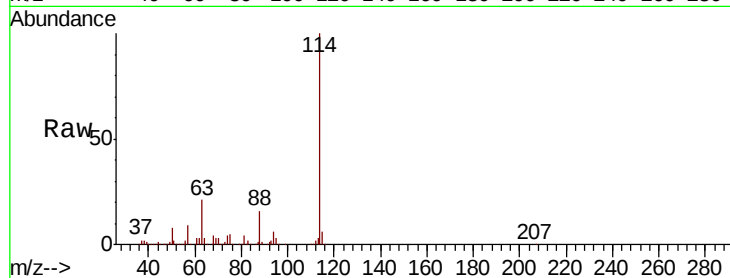
Tgt Ion:114 Resp: 693762

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

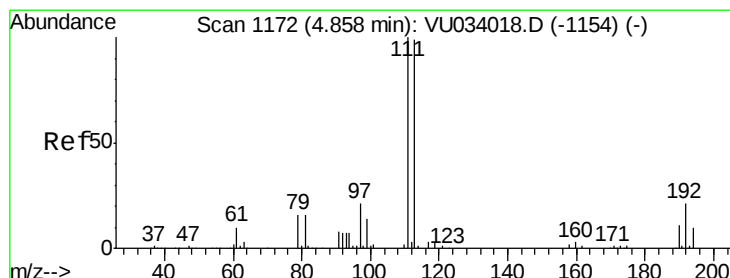
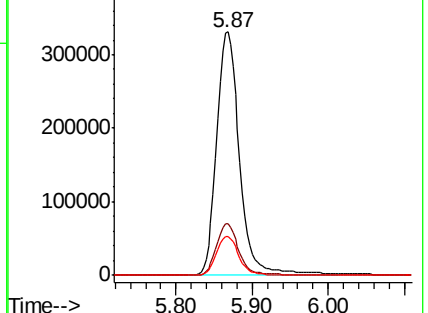
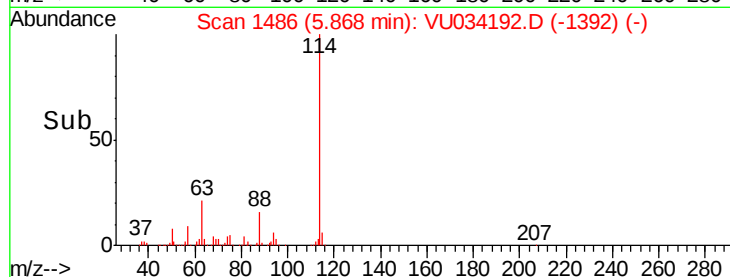
88 16.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.515 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

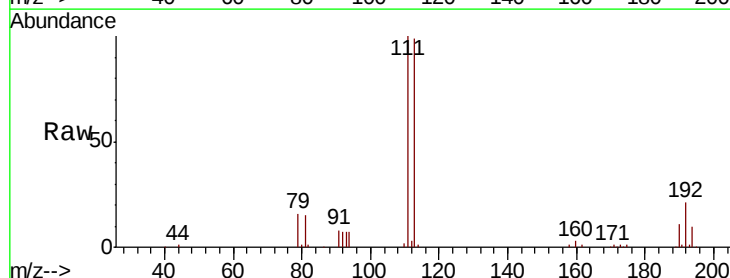
Tgt Ion:113 Resp: 228636

Ion Ratio Lower Upper

113 100

111 101.0 81.7 122.5

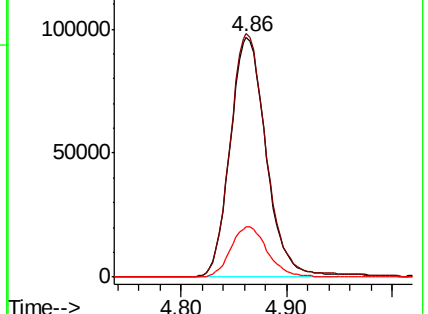
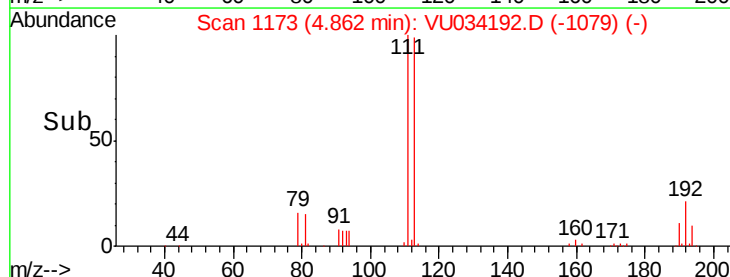
192 21.4 17.1 25.7

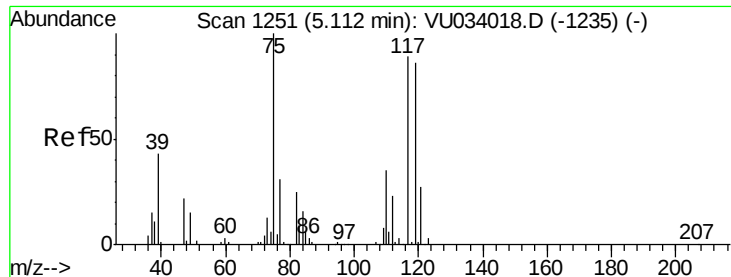


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

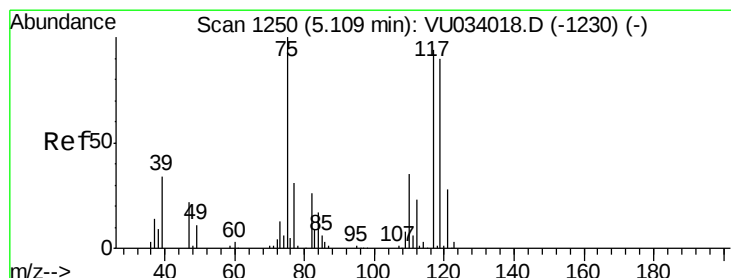
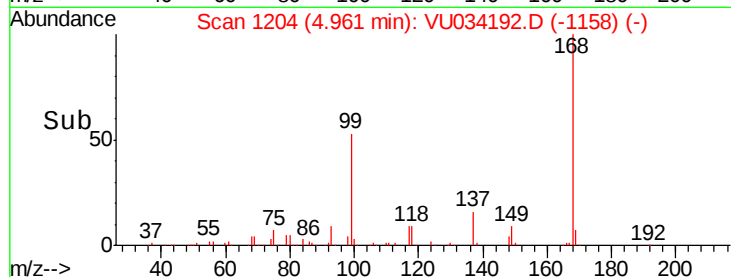
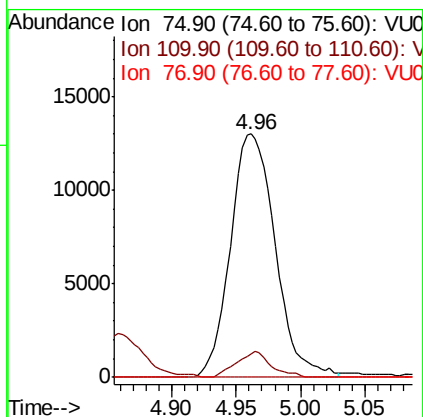
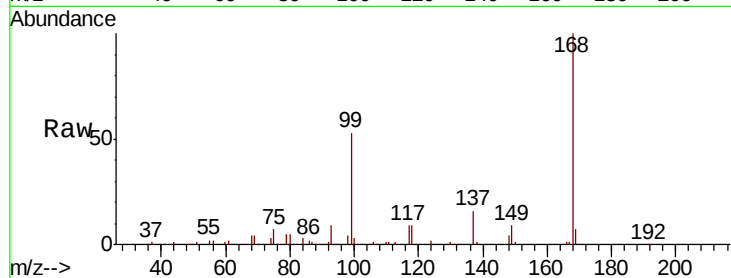




#36
 1,1-Dichloropropene
 Concen: 4.787 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

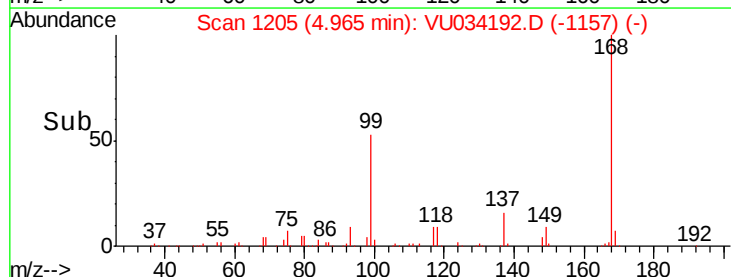
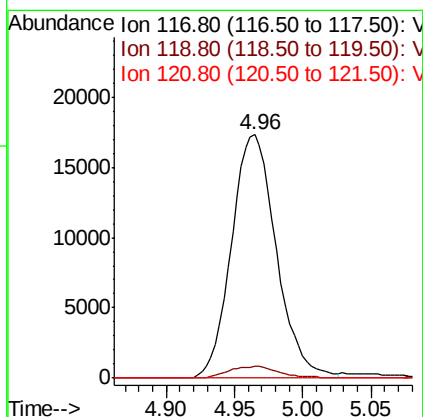
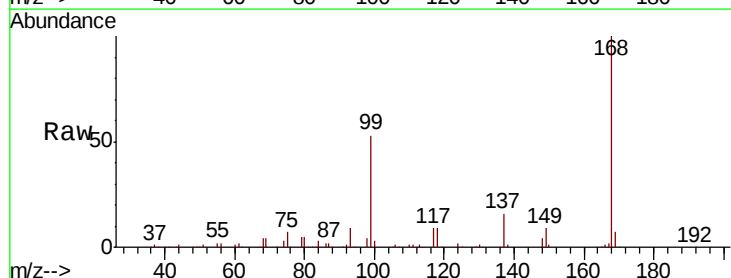
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

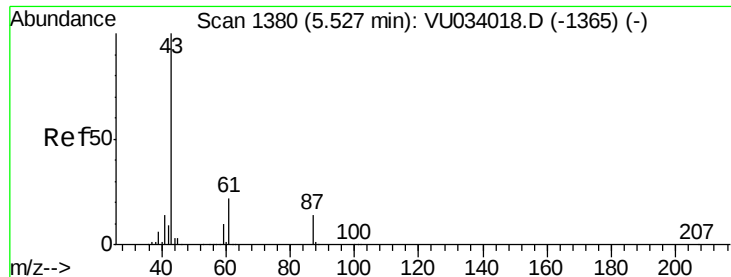
Tgt Ion: 75 Resp: 31412
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.232 ug/l
 RT: 4.96 min Scan# 1205
 Delta R.T. -0.14 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Tgt Ion: 117 Resp: 39474
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.0 115.4#
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 6.266 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

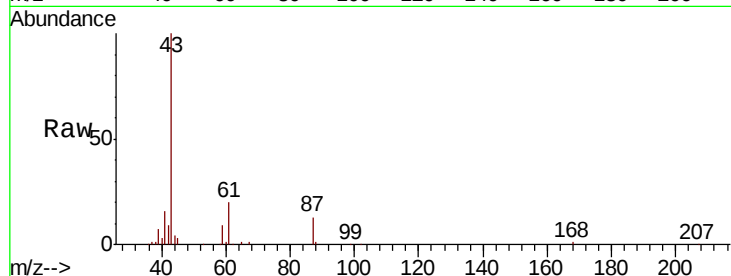
Tgt Ion: 43 Resp: 70051

Ion Ratio Lower Upper

43 100

61 21.0 17.2 25.8

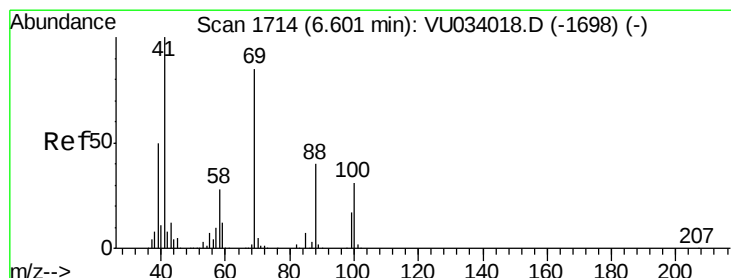
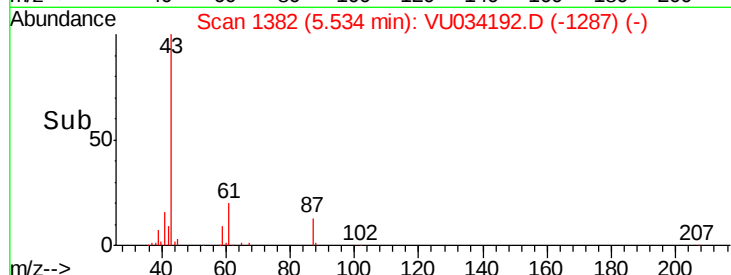
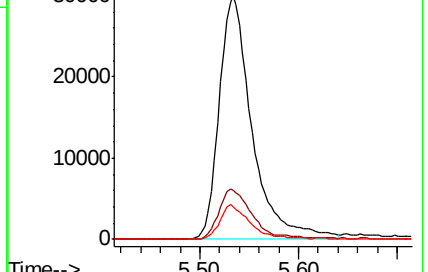
87 13.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034192.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034192.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034192.D (-1287) (-)



#48

Methyl methacrylate

Concen: 0.713 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.06 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

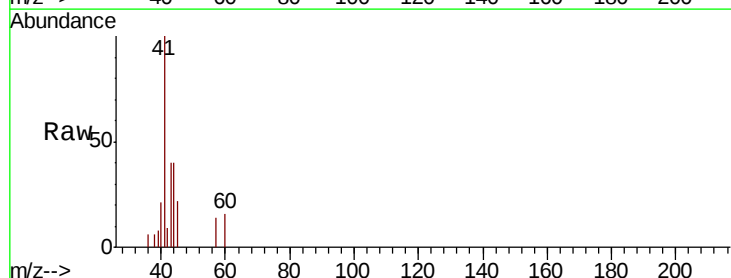
Tgt Ion: 41 Resp: 3848

Ion Ratio Lower Upper

41 100

69 0.0 69.5 104.3#

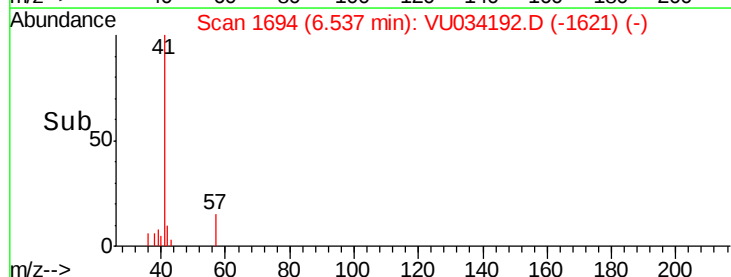
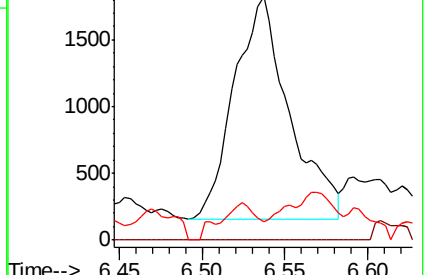
39 0.0 40.3 60.5#

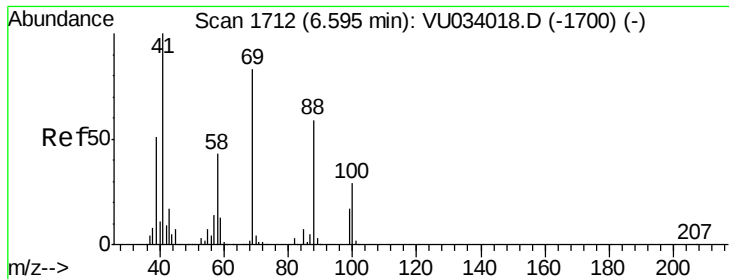


Abundance Ion 41.00 (40.70 to 41.70): VU034192.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034192.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034192.D (-1621) (-)

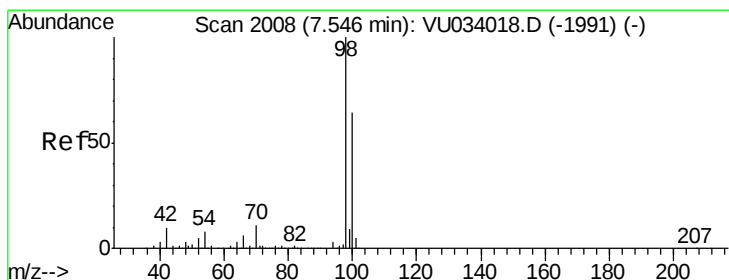
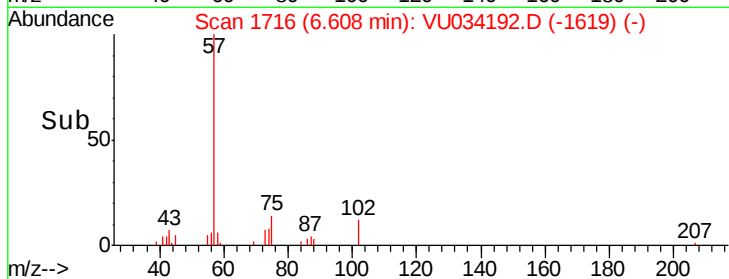
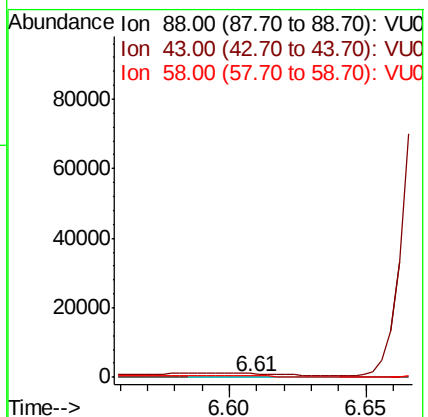
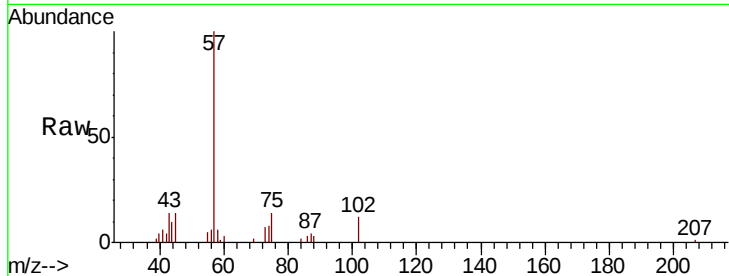




#49
 1,4-Dioxane
 Concen: 3.344 ug/l
 RT: 6.61 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

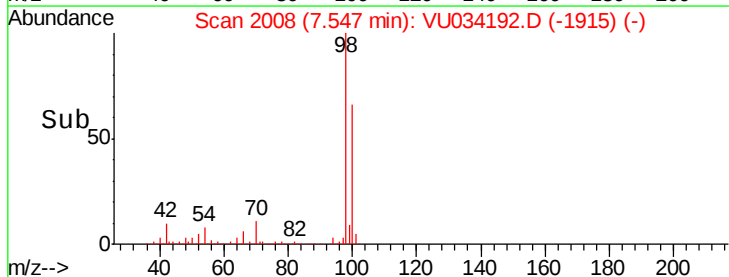
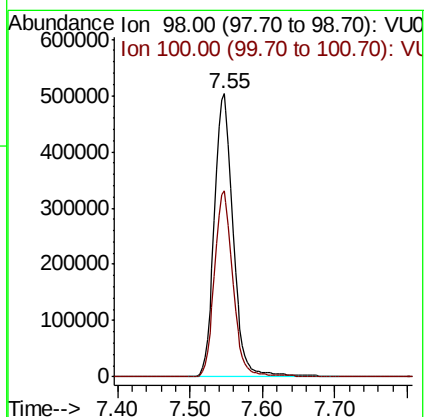
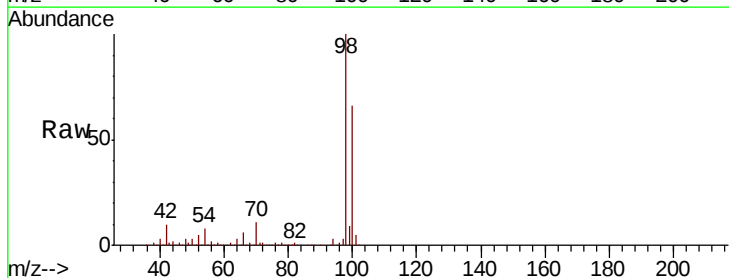
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

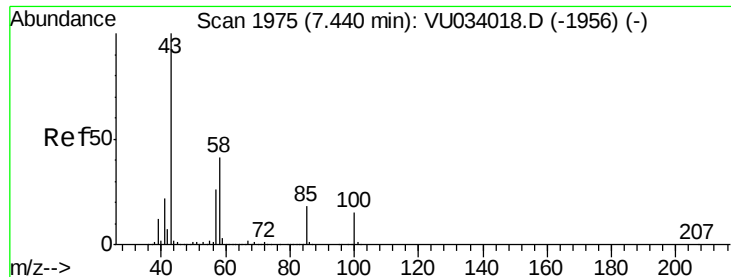
Tgt Ion: 88 Resp: 452
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.8 37.2#
 58 298.5 59.3 88.9#



#50
 Toluene-d8
 Concen: 50.466 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Tgt Ion: 98 Resp: 909275
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.3 75.5

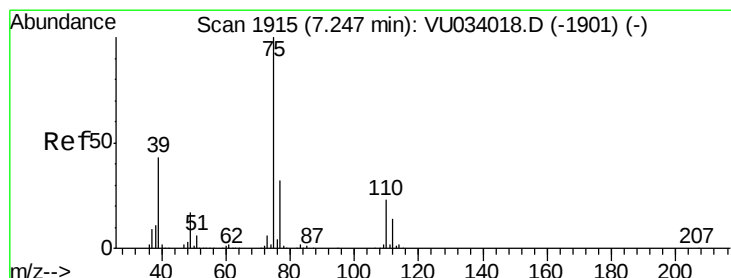
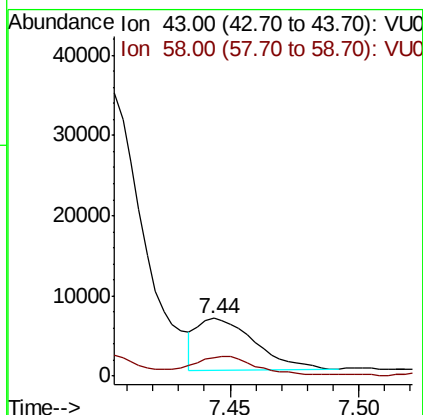
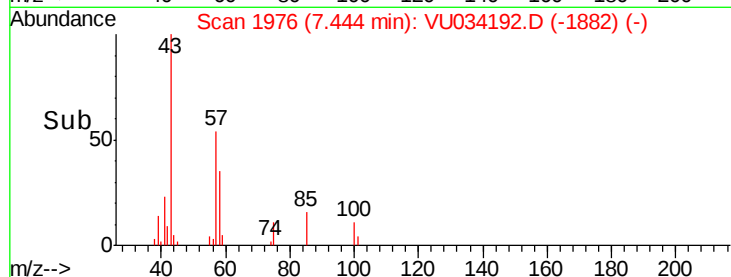
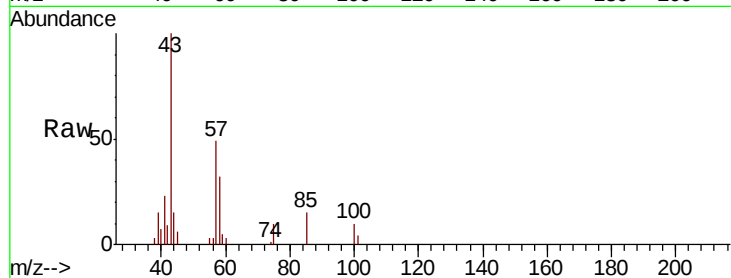




#51
 4-Methyl-2-Pentanone
 Concen: 1.312 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

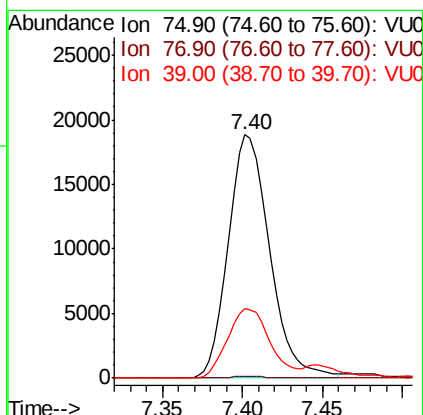
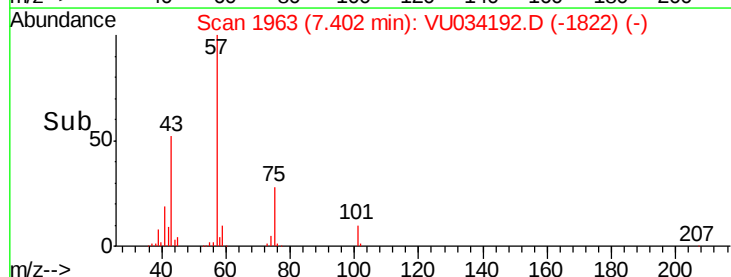
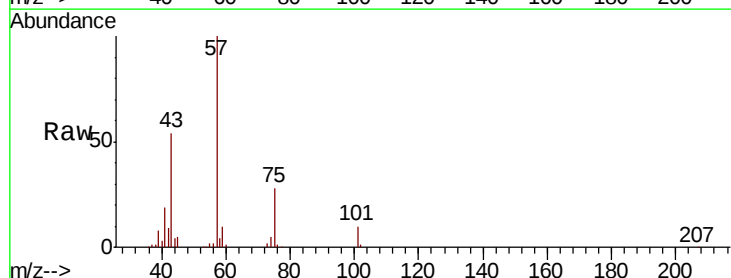
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

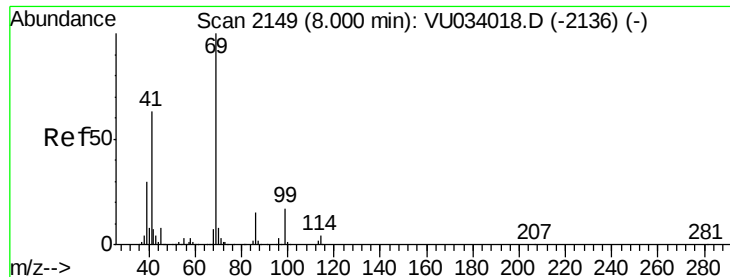
Tgt Ion: 43 Resp: 10129
 Ion Ratio Lower Upper
 43 100
 58 46.1 32.2 48.4



#54
 cis-1,3-Dichloropropene
 Concen: 3.981 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Tgt Ion: 75 Resp: 33244
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.2 37.8#
 39 28.3 34.6 51.8#

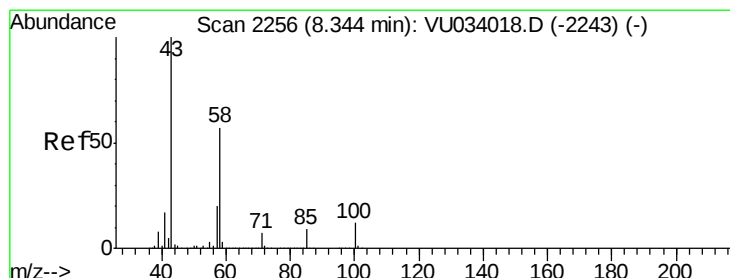
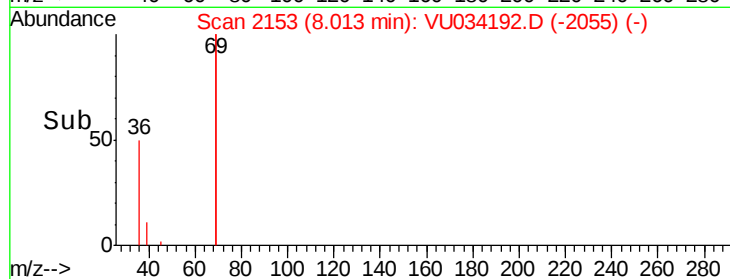
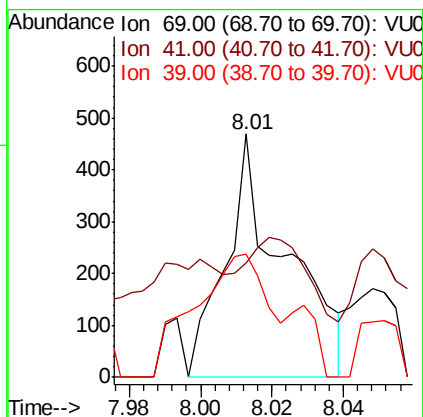
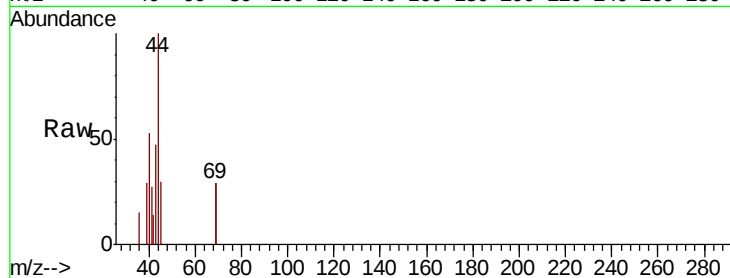




#56
Ethyl methacrylate
Concen: 1.034 ug/l
RT: 8.01 min Scan# 2153
Delta R.T. 0.01 min
Lab File: VU034192.D
Acq: 02 Sep 2019 11:20

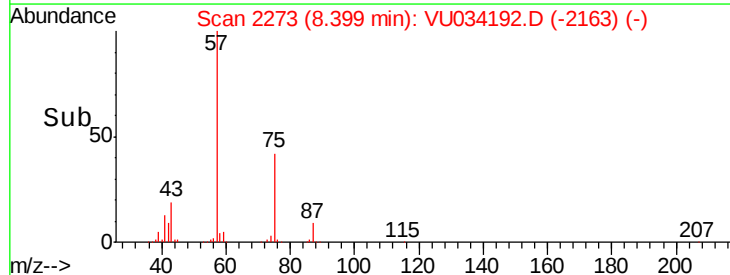
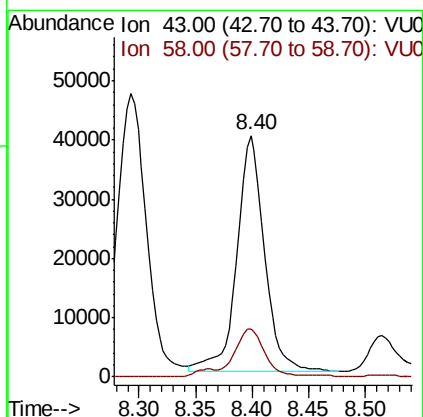
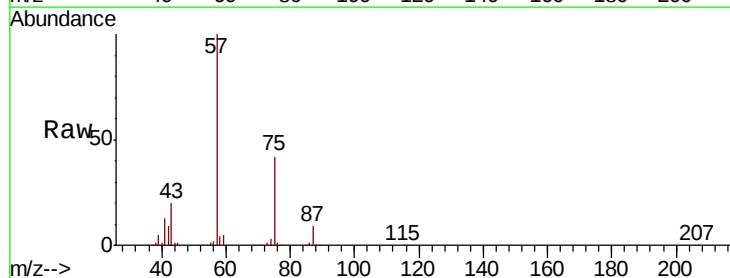
Instrument :
MSVOA_U
ClientSampleId :
T16-17-B4-(0)

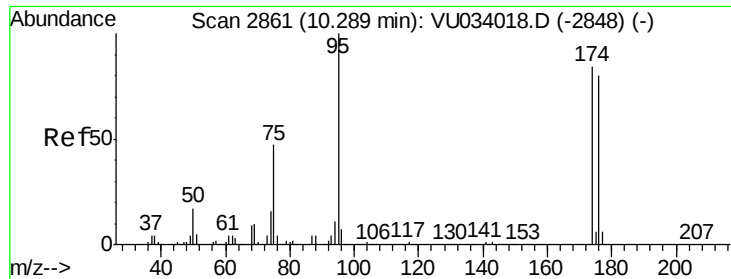
Tgt Ion: 69 Resp: 544
Ion Ratio Lower Upper
69 100
41 0.0 50.7 76.1#
39 0.0 24.2 36.2#



#59
2-Hexanone
Concen: 11.706 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034192.D
Acq: 02 Sep 2019 11:20

Tgt Ion: 43 Resp: 68229
Ion Ratio Lower Upper
43 100
58 20.1 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 44.100 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

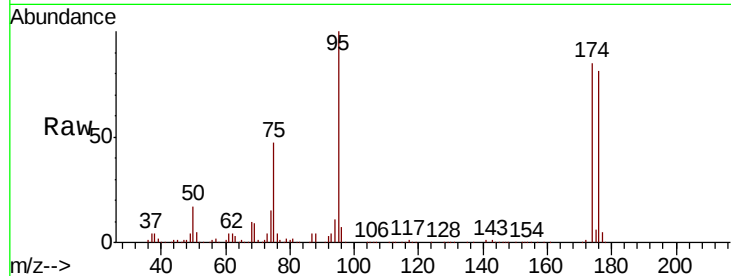
Tgt Ion: 95 Resp: 309081

Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.8

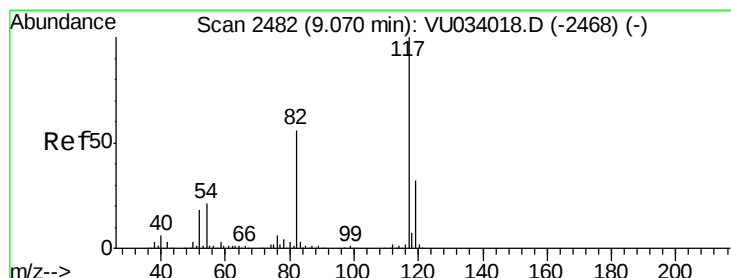
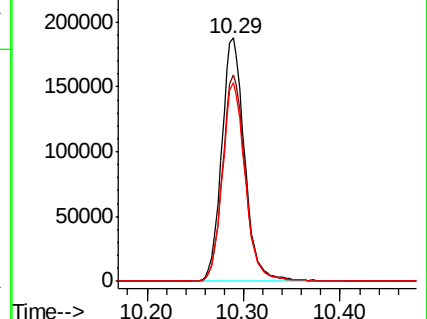
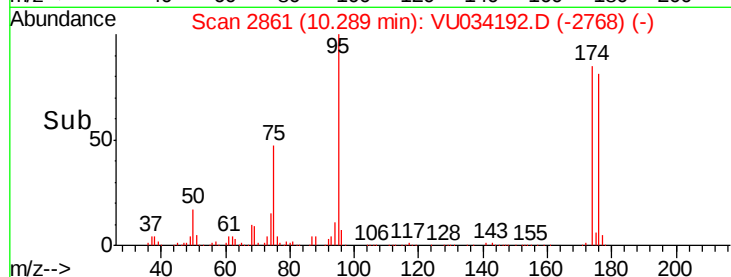
176 81.1 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034192.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034192.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034192.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

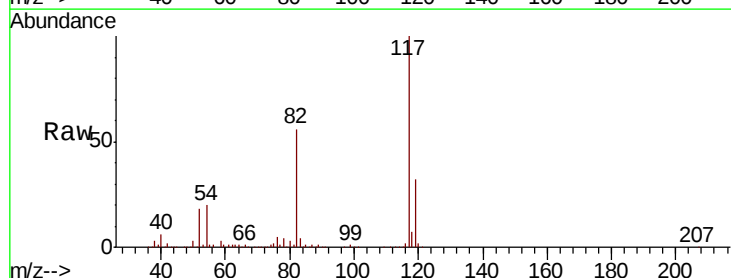
Tgt Ion: 117 Resp: 682695

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

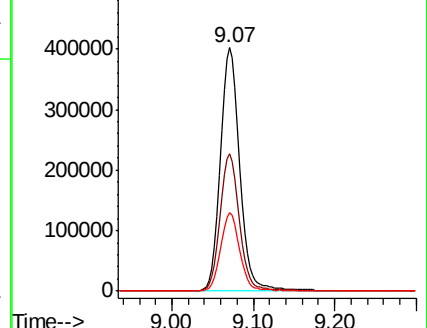
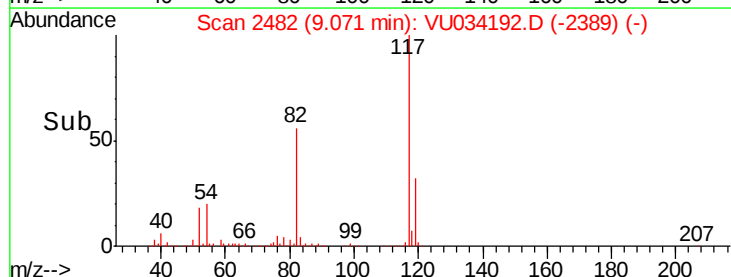
119 32.1 25.4 38.0

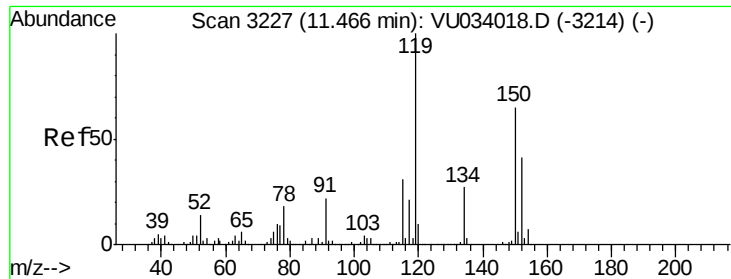


Abundance Ion 116.90 (116.60 to 117.60): VU034192.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034192.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034192.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

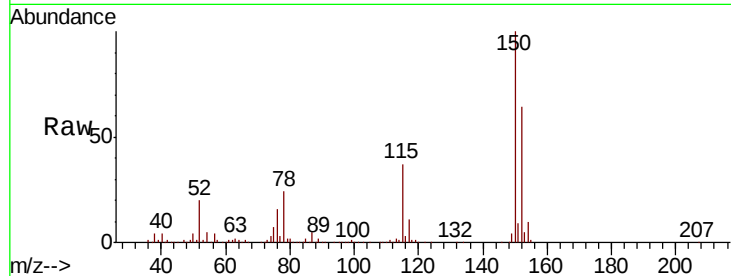
Tgt Ion:152 Resp: 317947

Ion Ratio Lower Upper

152 100

115 57.7 41.1 123.3

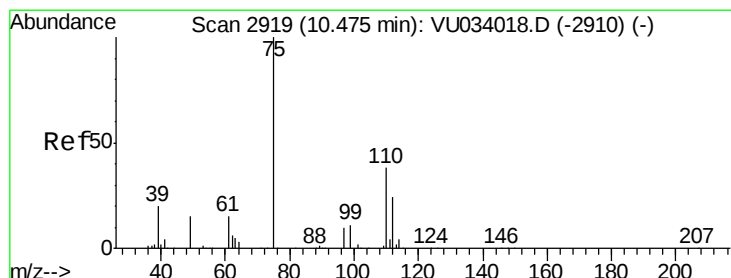
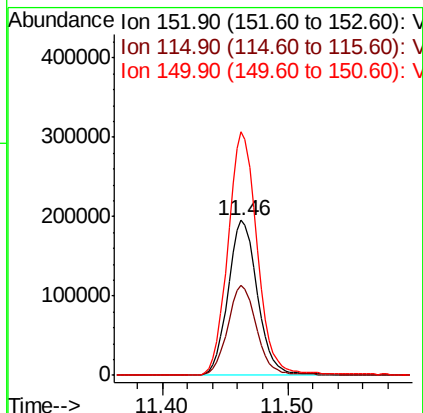
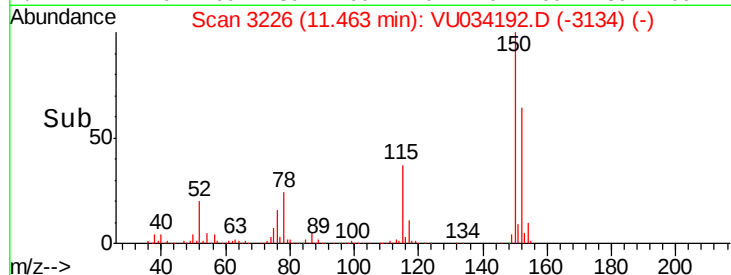
150 157.3 0.0 348.8



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



#76

1,2,3-Trichloropropane

Concen: 20.404 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034192.D

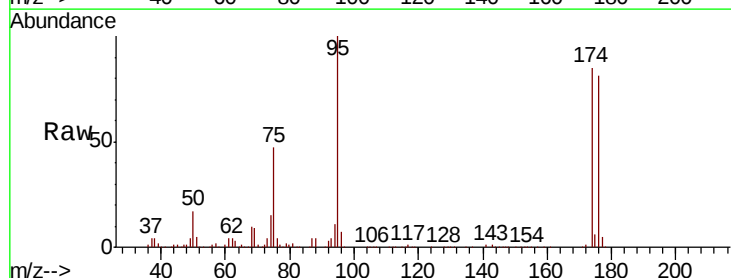
Acq: 02 Sep 2019 11:20

Tgt Ion: 75 Resp: 146212

Ion Ratio Lower Upper

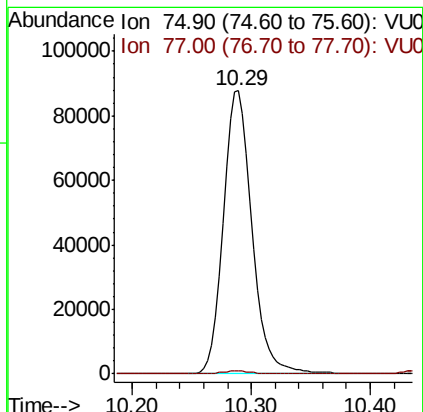
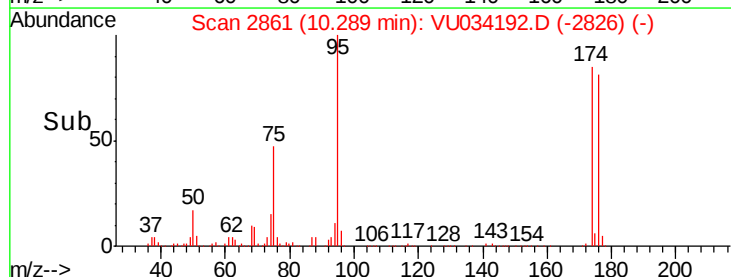
75 100

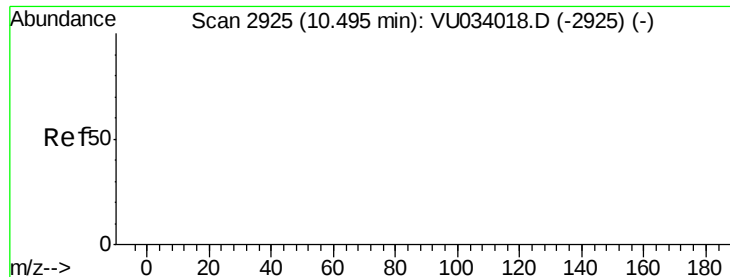
77 1.2 20.1 60.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.704 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

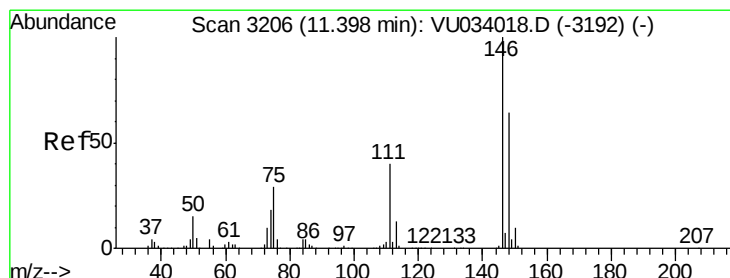
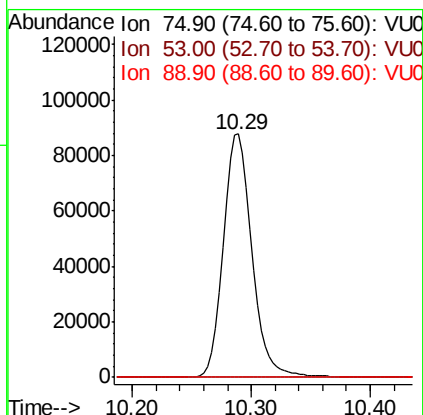
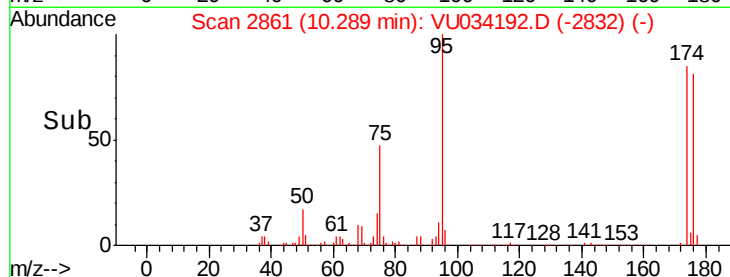
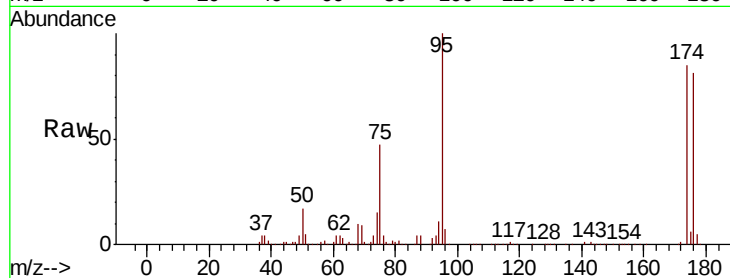
Tgt Ion: 75 Resp: 146212

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

89 0.0 0.0 0.0



#87

1,3-Dichlorobenzene

Concen: 0.226 ug/l

RT: 11.40 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

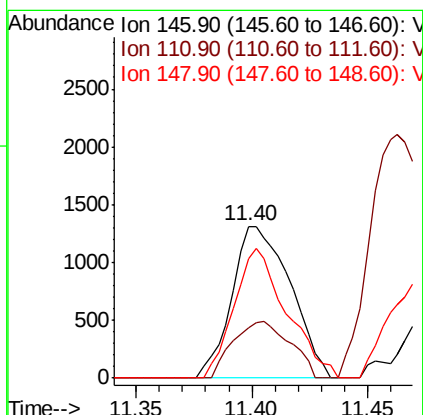
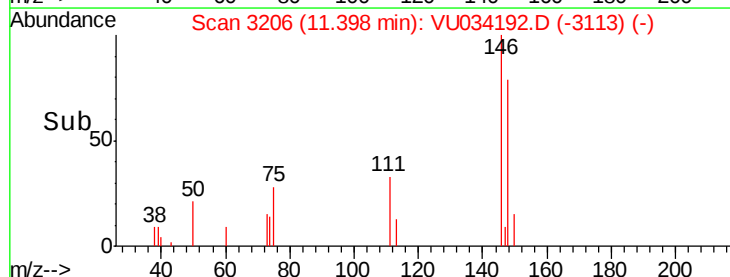
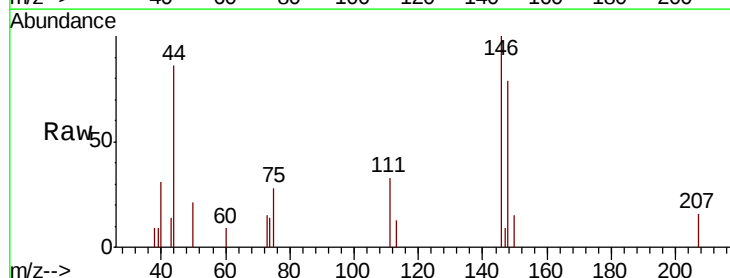
Tgt Ion: 146 Resp: 2298

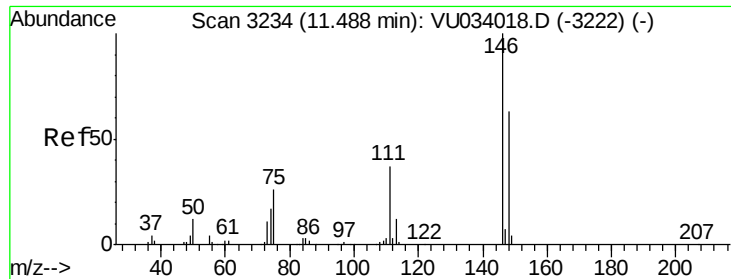
Ion Ratio Lower Upper

146 100

111 36.5 19.9 59.6

148 76.7 31.9 95.5

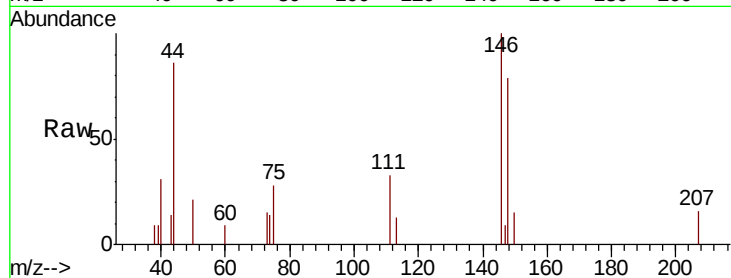




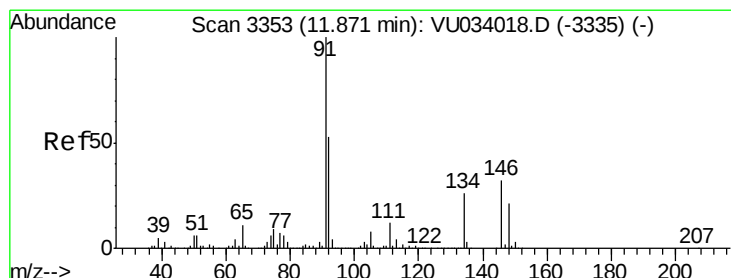
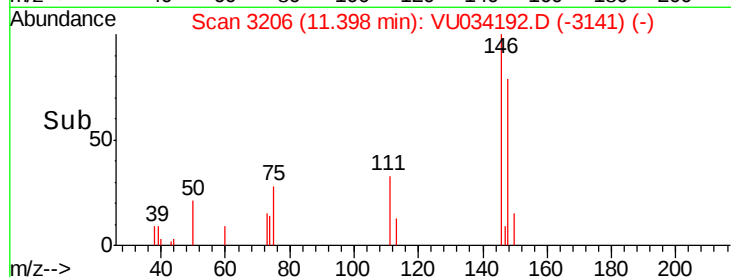
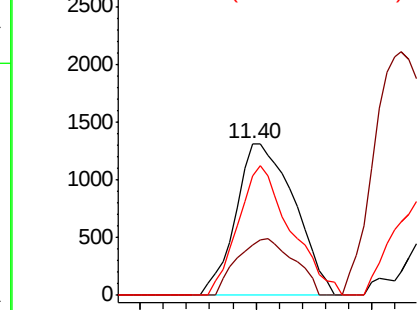
#88
 1,4-Dichlorobenzene
 Concen: 0.223 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.09 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

Tgt Ion:146 Resp: 2298
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.2 57.6
 148 76.7 31.9 95.9

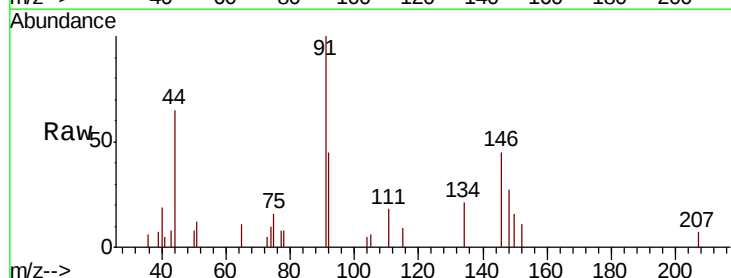


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

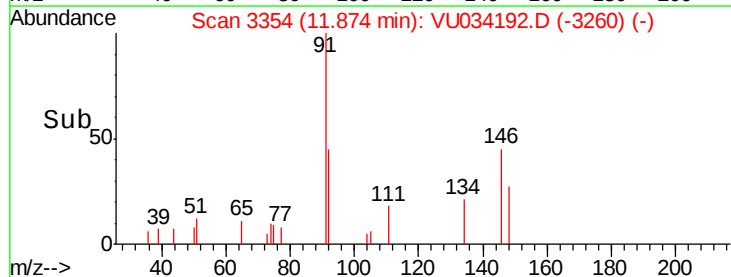
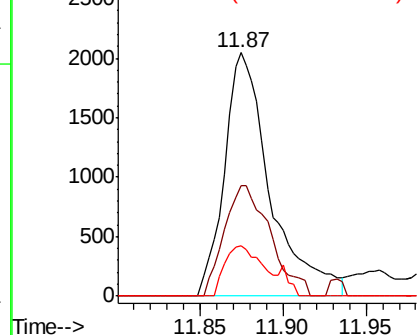


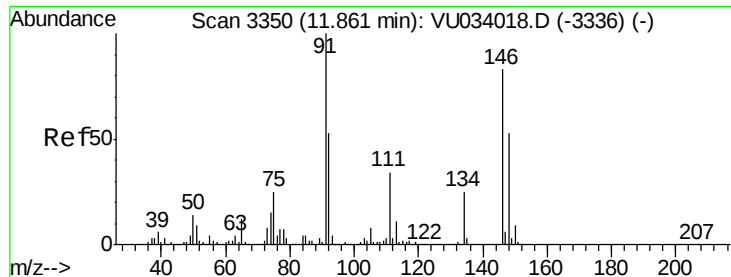
#89
 n-Butylbenzene
 Concen: 0.231 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Tgt Ion: 91 Resp: 3928
 Ion Ratio Lower Upper
 91 100
 92 45.4 26.3 78.9
 134 16.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.218 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.01 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

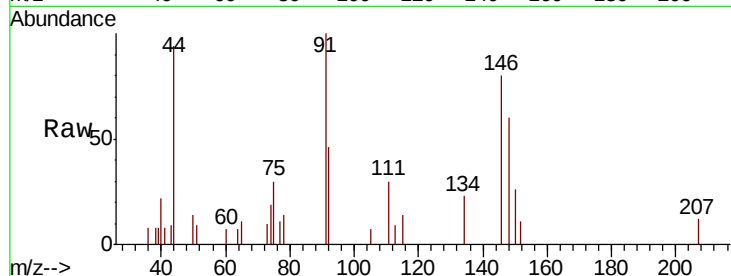
Tgt Ion:146 Resp: 2121

Ion Ratio Lower Upper

146 100

111 34.2 20.4 61.2

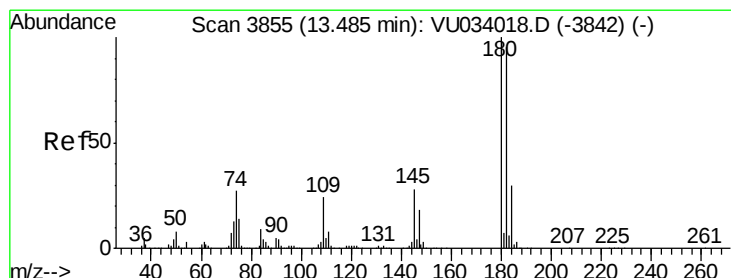
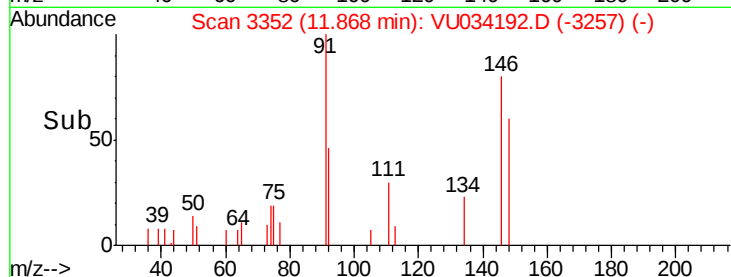
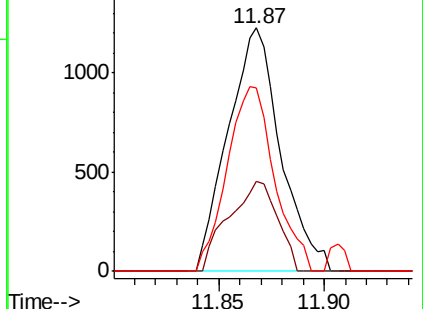
148 68.4 32.3 96.8



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



#93

1,2,4-Trichlorobenzene

Concen: 1.284 ug/l

RT: 13.51 min Scan# 3863

Delta R.T. 0.03 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

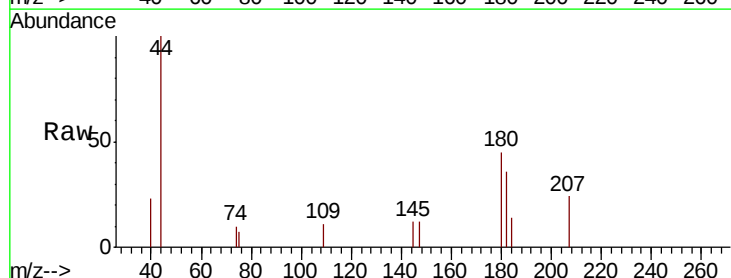
Tgt Ion:180 Resp: 1208

Ion Ratio Lower Upper

180 100

182 142.8 47.4 142.2#

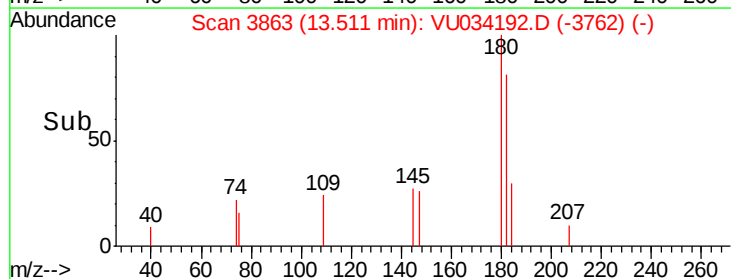
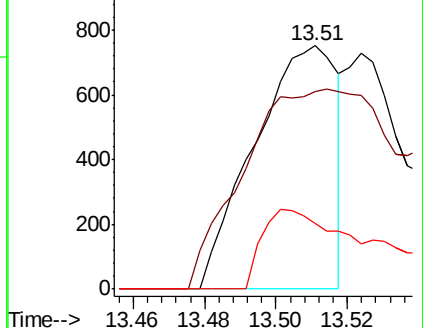
145 42.8 14.1 42.3#

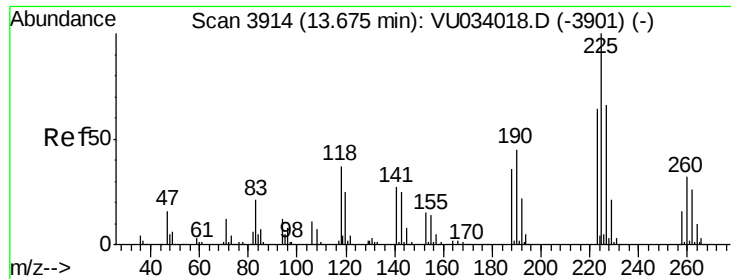


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.371 ug/l

RT: 13.67 min Scan# 3914

Delta R.T. 0.00 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(0)

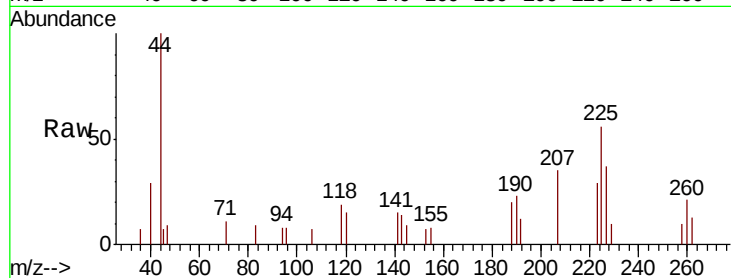
Tgt Ion:225 Resp: 1415

Ion Ratio Lower Upper

225 100

223 63.5 31.8 95.3

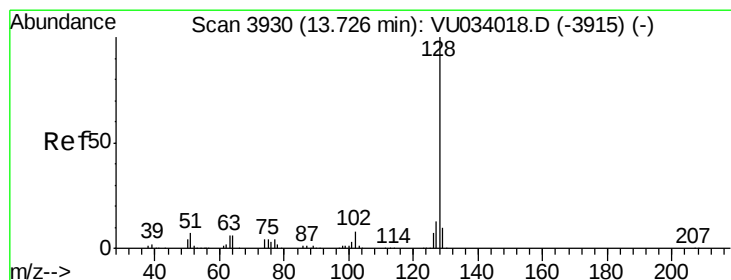
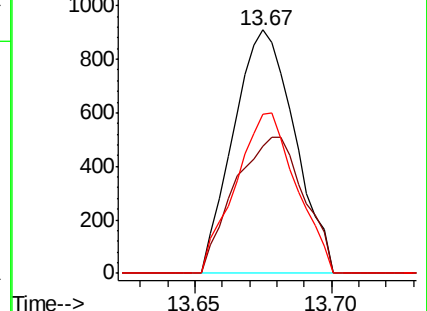
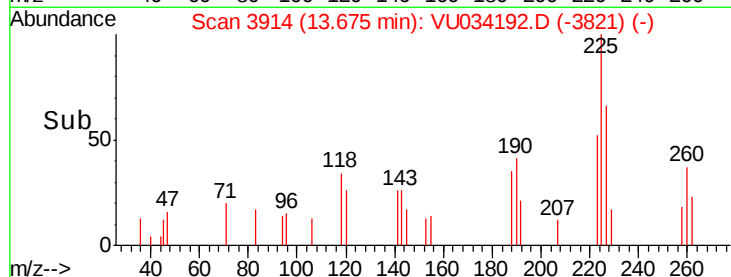
227 65.5 32.6 97.8



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: 1.979 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034192.D

Acq: 02 Sep 2019 11:20

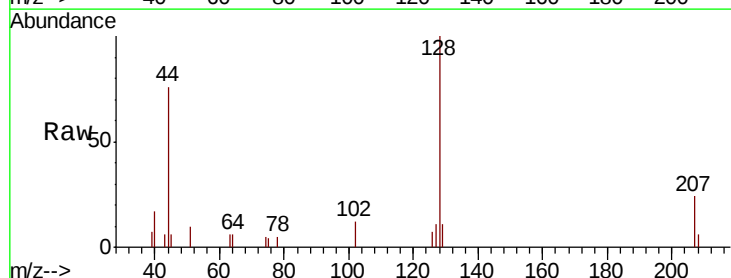
Tgt Ion:128 Resp: 3886

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.4

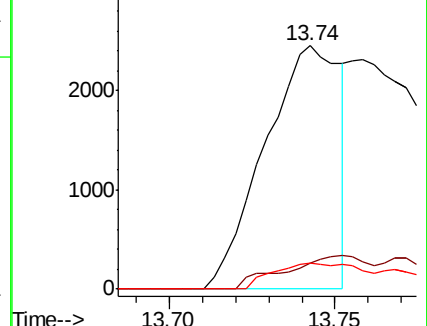
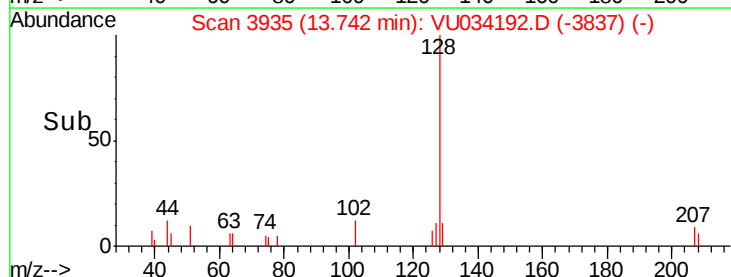
129 12.4 8.4 12.6

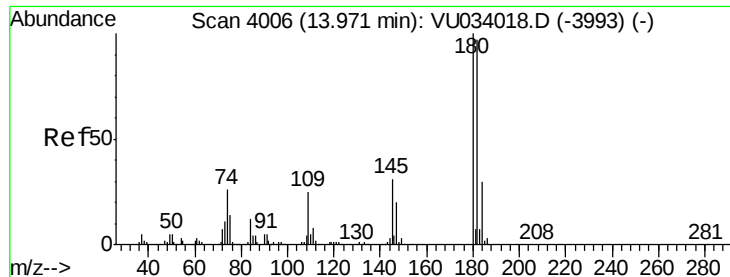


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.02 min
 Lab File: VU034192.D
 Acq: 02 Sep 2019 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.4	48.2	144.6
145	19.2	15.5	46.5

