

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028912.D
 Acq On : 22 Dec 2018 14:11
 Operator : MD/SY
 Sample : J6426-12ME
 Misc : 6.53g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Quant Time: Dec 24 04:45:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	112283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	74045	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
35) Dibromofluoromethane	4.88	113	62943	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	7.56	98	245241	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	10.31	95	89494	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds					Qvalue	
3) Chloromethane	1.32	50	3271	1.182	ug/l	98
11) Tert butyl alcohol	2.83	59	2865	7.505	ug/l #	73
16) Acetone	2.35	43	1346	1.204	ug/l	90
18) Methyl Acetate	2.62	43	4570	1.577	ug/l	99
20) Methylene Chloride	2.68	84	1269	0.770	ug/l #	77
29) Tetrahydrofuran	4.67	42	498	0.507	ug/l #	37
31) Cyclohexane	4.97	56	2777	Below Cal	#	1
36) 1,1-Dichloropropene	4.97	75	8892	4.179	ug/l #	48
38) Carbon Tetrachloride	4.97	117	10080	5.877	ug/l #	15
39) Methylcyclohexane	6.40	83	3055	1.177	ug/l	93
48) Methyl methacrylate	6.40	41	1282	0.593	ug/l #	85
52) Toluene	7.64	92	5077	1.376	ug/l	92
55) 1,1,2-Trichloroethane	8.04	97	1053	0.722	ug/l #	22
59) 2-Hexanone	8.32	43	2391	1.099	ug/l #	26
65) Chlorobenzene	9.12	112	34404	8.756	ug/l	99
67) Ethyl Benzene	9.26	91	2448	0.339	ug/l	97
68) m/p-Xylenes	9.37	106	12152	4.623	ug/l	100
69) o-Xylene	9.78	106	1678	0.657	ug/l	96
73) Isopropylbenzene	10.17	105	10710	1.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.49	83	899	0.352	ug/l #	25
76) 1,2,3-Trichloropropane	10.60	75	3963	1.789	ug/l	69
78) n-propylbenzene	10.59	91	21108	2.552	ug/l	91
79) 2-Chlorotoluene	10.59	91	21108	4.430	ug/l #	45
80) 1,3,5-Trimethylbenzene	10.77	105	1813	0.329	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.60	75	3963	4.876	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	89222	15.712	ug/l	97
85) sec-Butylbenzene	11.32	105	2724	0.399	ug/l	93
86) p-Isopropyltoluene	11.48	119	2476	0.427	ug/l	90
87) 1,3-Dichlorobenzene	11.42	146	6118	2.081	ug/l	90
88) 1,4-Dichlorobenzene	11.51	146	65612	21.573	ug/l	98
89) n-Butylbenzene	11.89	91	2560	0.436	ug/l	88
90) Hexachloroethane	12.14	117	527	0.602	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	1238	0.421	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3599	6.501	ug/l #	9

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

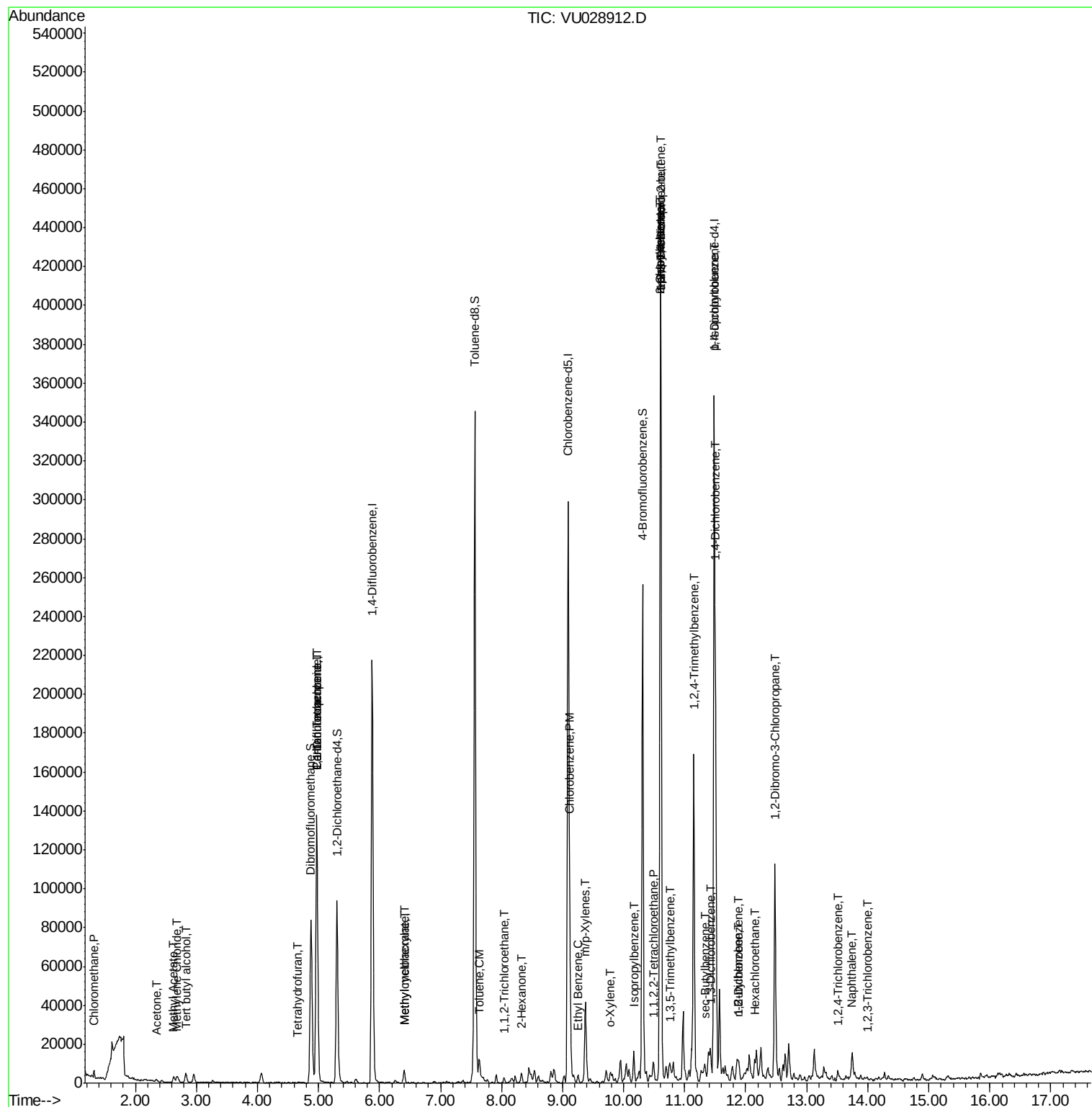
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	779	1.223	ug/l	95
95) Naphthalene	13.75	128	14587	2.067	ug/l	97
96) 1,2,3-Trichlorobenzene	13.99	180	673	0.480	ug/l	92

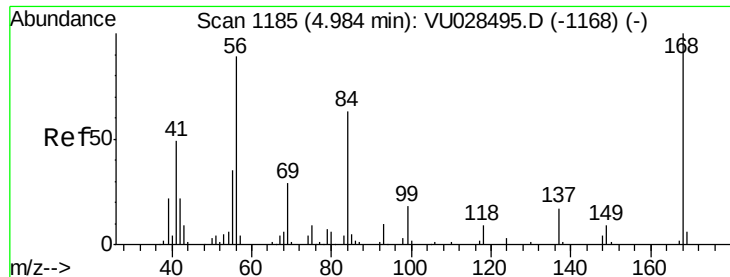
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

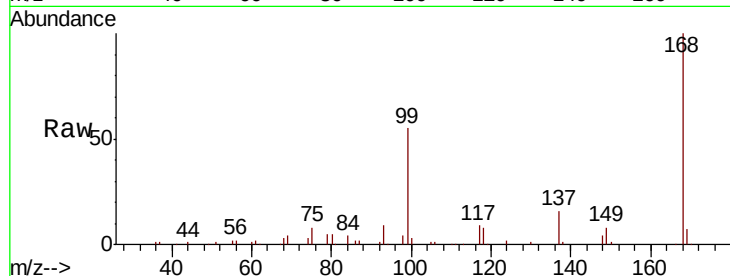
P001-SS013B-3036-01ME

Tgt Ion: 168 Resp: 112283

Ion Ratio Lower Upper

168 100

99 54.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.97

50000

40000

30000

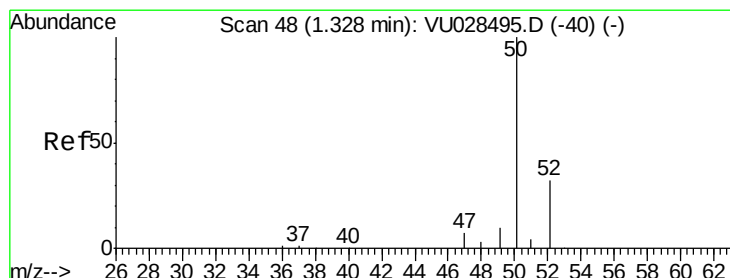
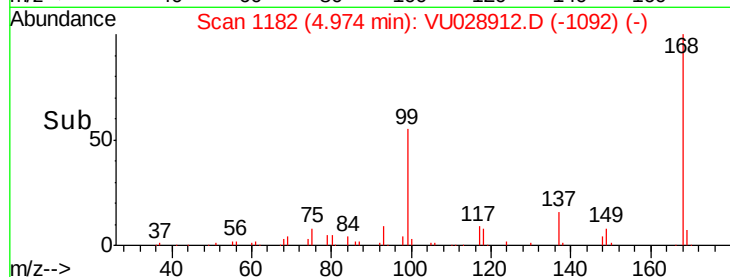
20000

10000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 1.182 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028912.D

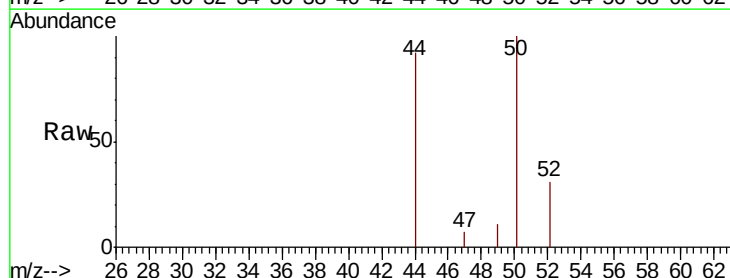
Acq: 22 Dec 2018 14:11

Tgt Ion: 50 Resp: 3271

Ion Ratio Lower Upper

50 100

52 30.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.32

3000

2500

2000

1500

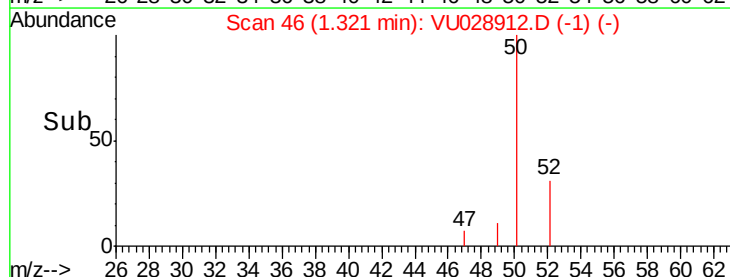
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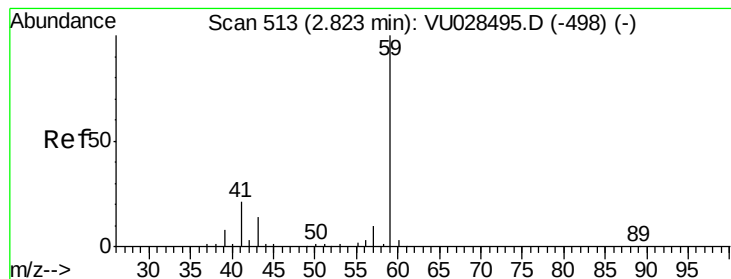
500

0

Time-->

1.30 1.35



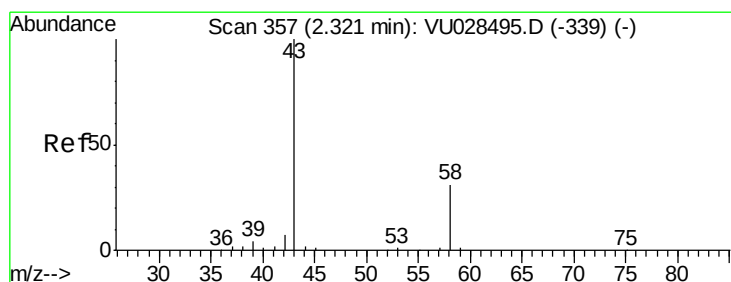
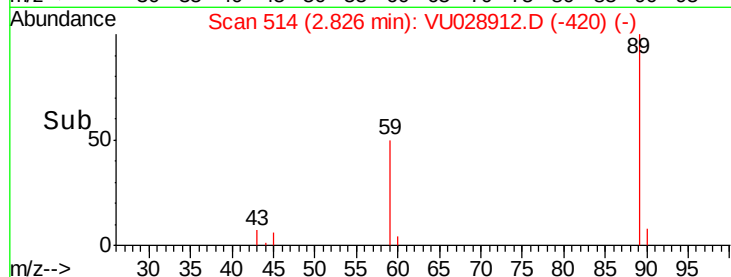
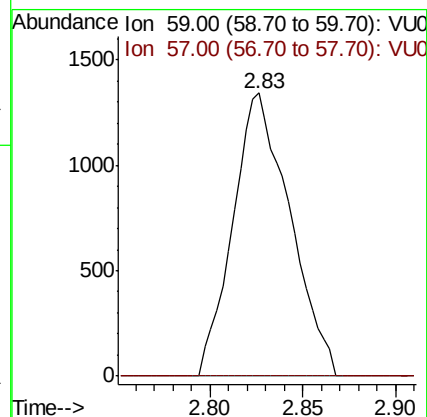
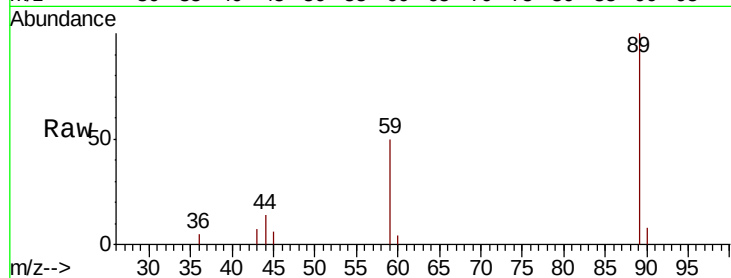


#11

Tert butyl alcohol
 Concen: 7.505 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

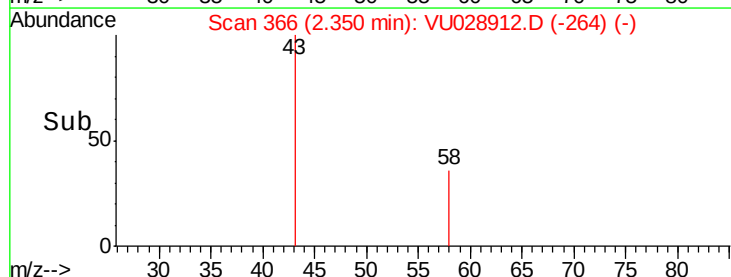
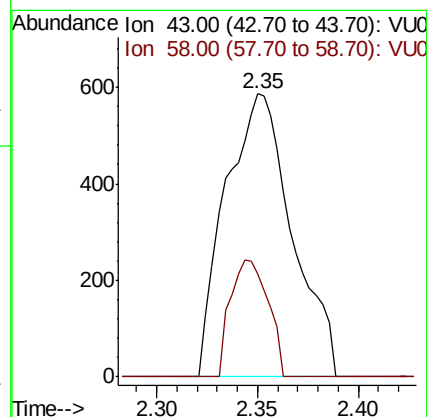
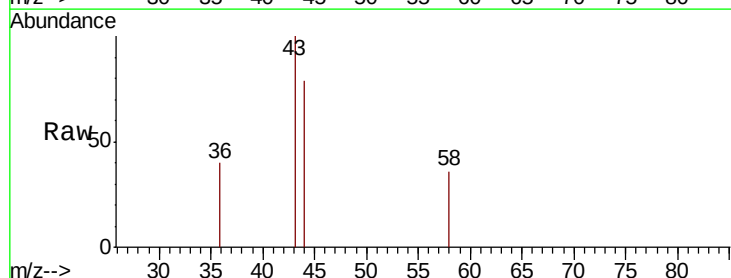
Tgt Ion: 59 Resp: 2865
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

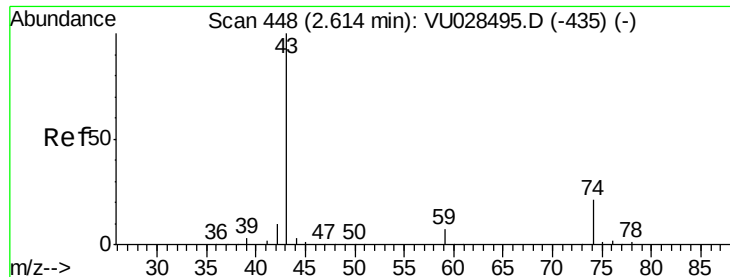


#16

Acetone
 Concen: 1.204 ug/l
 RT: 2.35 min Scan# 366
 Delta R.T. 0.03 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion: 43 Resp: 1346
 Ion Ratio Lower Upper
 43 100
 58 36.1 24.6 37.0

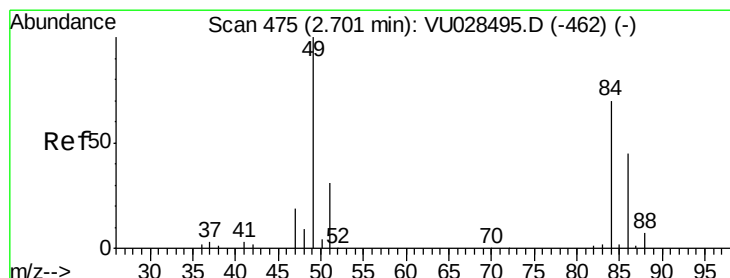
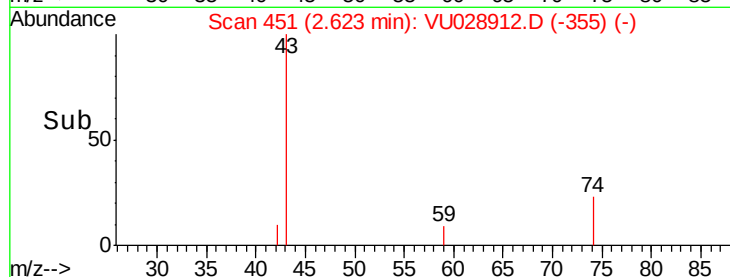
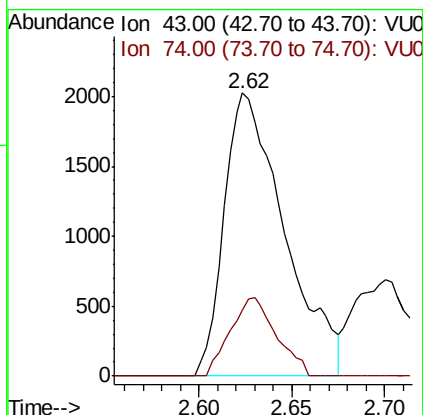
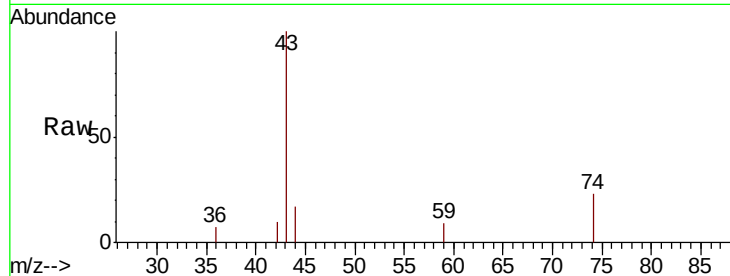




#18
Methyl Acetate
Concen: 1.577 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

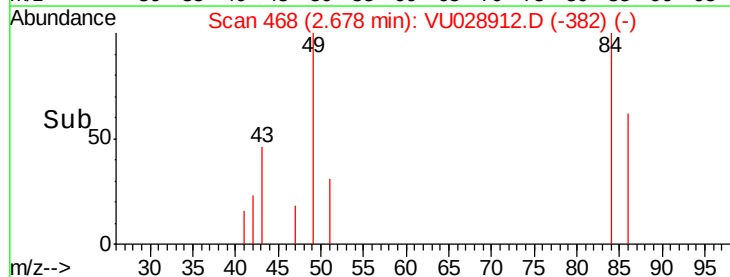
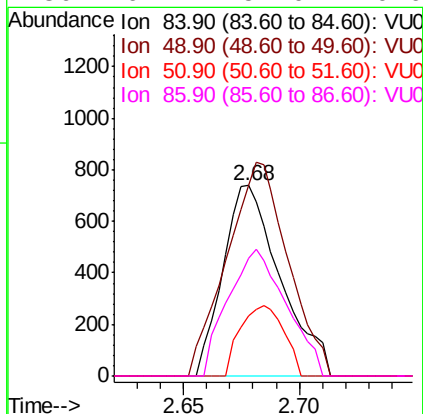
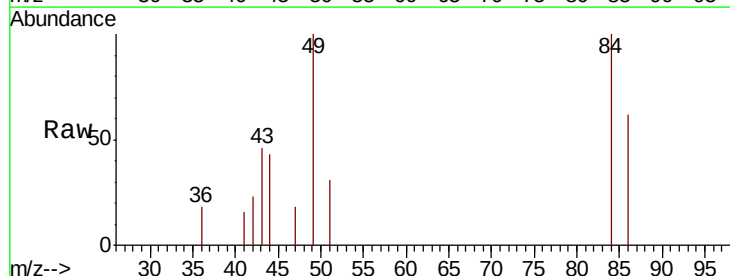
Instrument :
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ClientSampleId :
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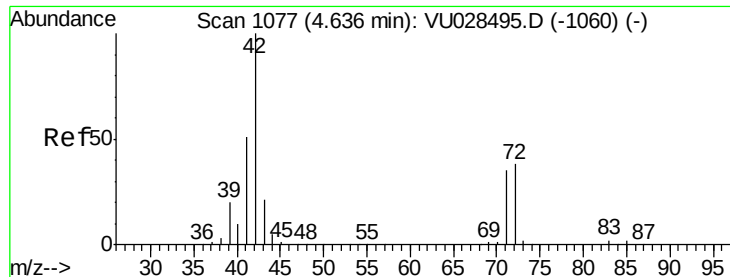
Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
74 21.2 16.4 24.6



#20
Methylene Chloride
Concen: 0.770 ug/l
RT: 2.68 min Scan# 468
Delta R.T. -0.02 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 84 Resp: 1269
Ion Ratio Lower Upper
84 100
49 100.3 114.0 171.0#
51 31.4 35.1 52.7#
86 62.1 51.0 76.6

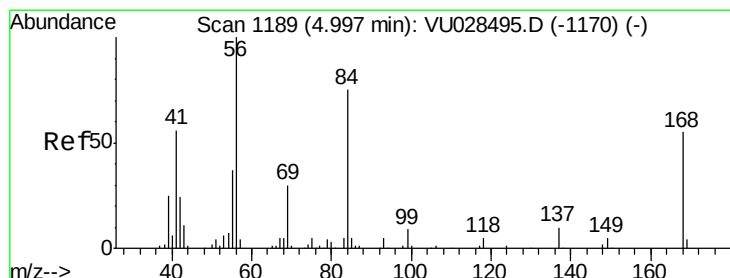
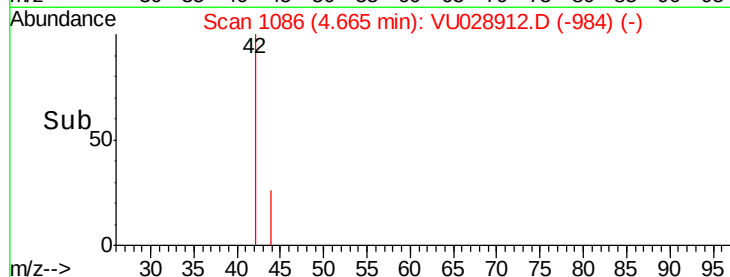
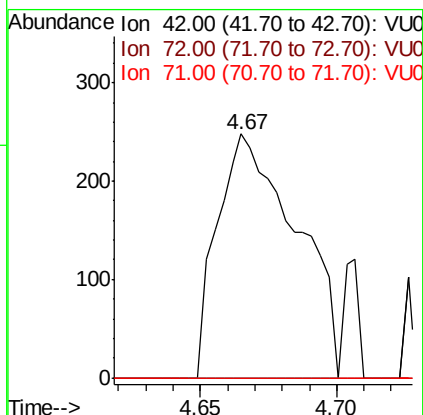
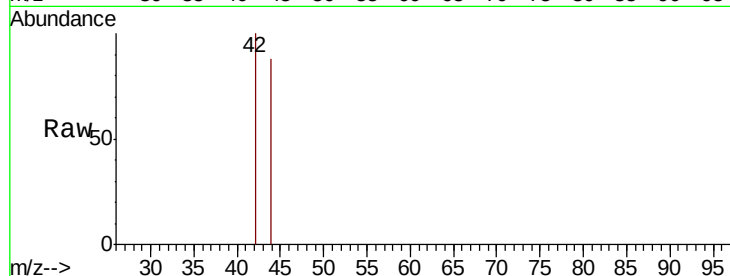




#29
Tetrahydrofuran
Concen: 0.507 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

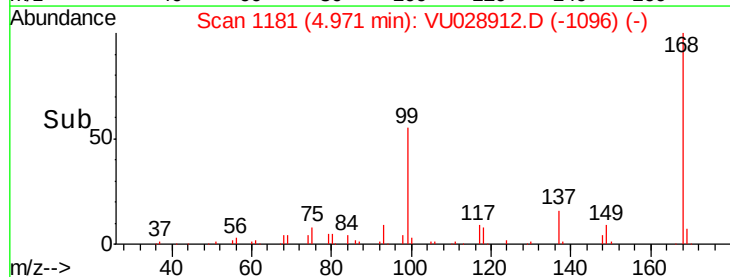
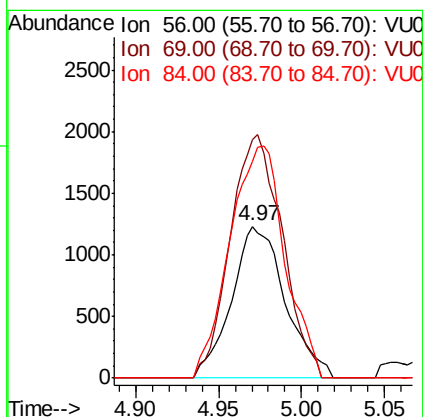
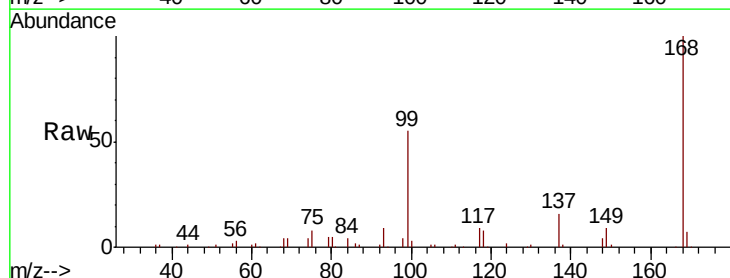
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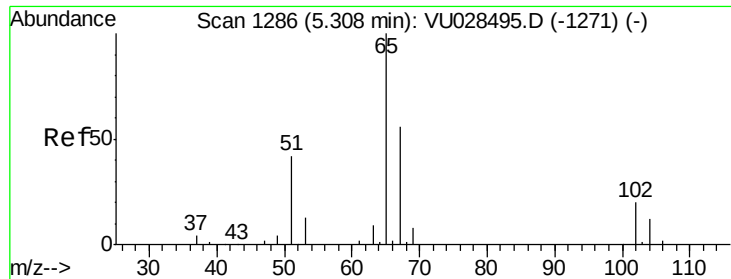
Tgt Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 28.6 43.0#



#31
Cyclohexane
Concen: Below Cal
RT: 4.97 min Scan# 1181
Delta R.T. -0.03 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 56 Resp: 2777
Ion Ratio Lower Upper
56 100
69 157.4 24.0 36.0#
84 143.4 59.7 89.5#

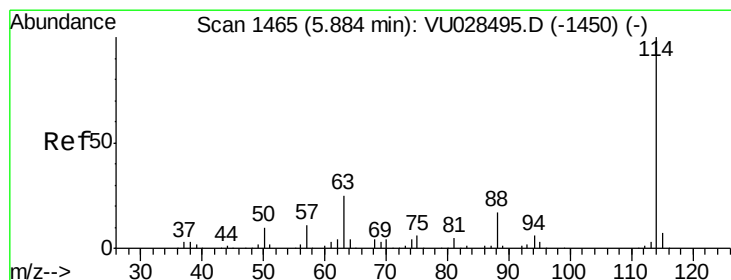
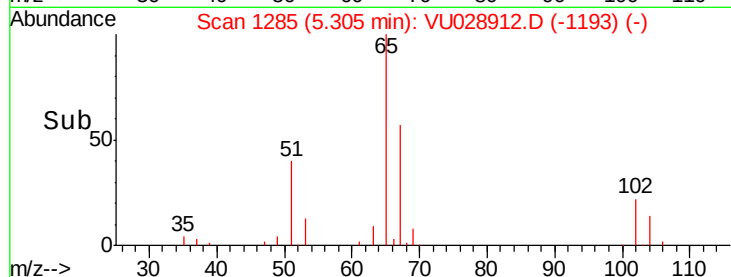
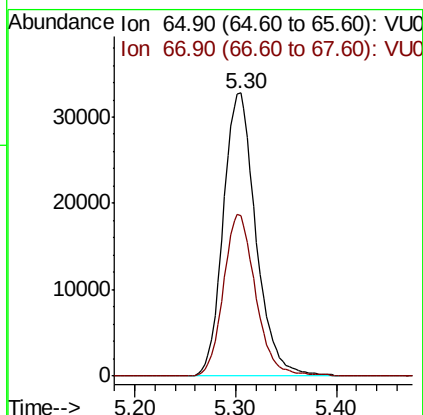
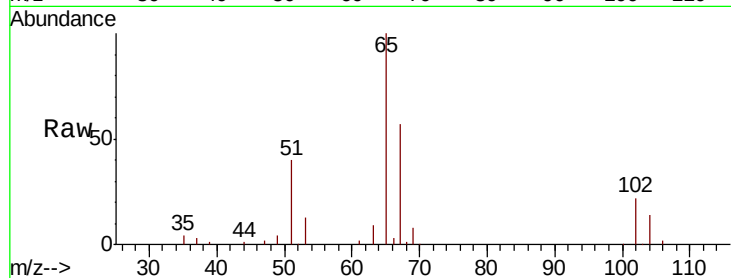




#33
 1,2-Dichloroethane-d4
 Concen: 43.212 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

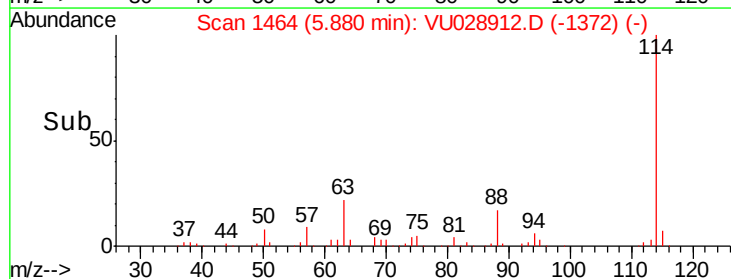
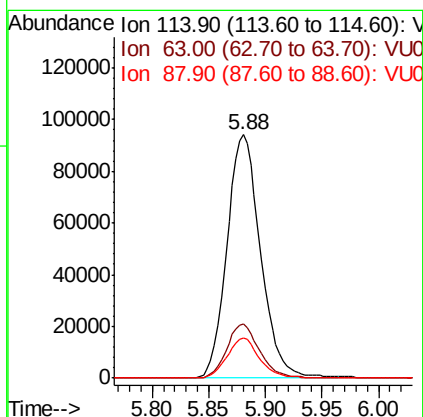
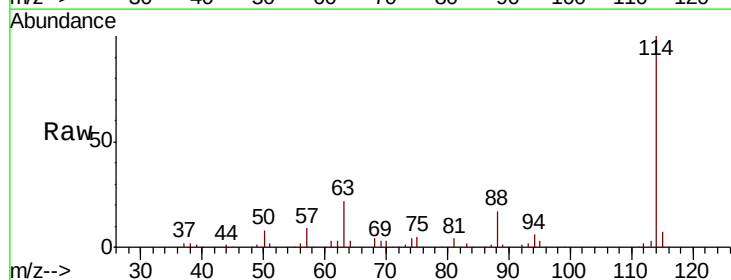
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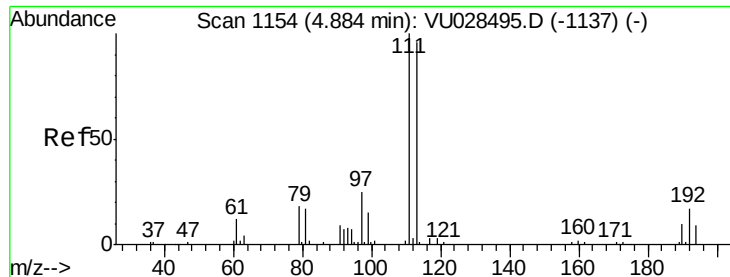
Tgt Ion: 65 Resp: 74045
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion: 114 Resp: 194457
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 49.2
 88 16.6 0.0 33.4

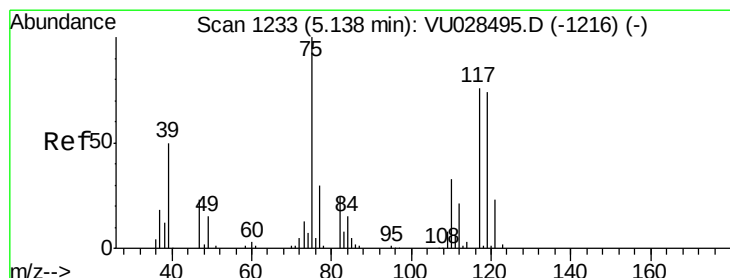
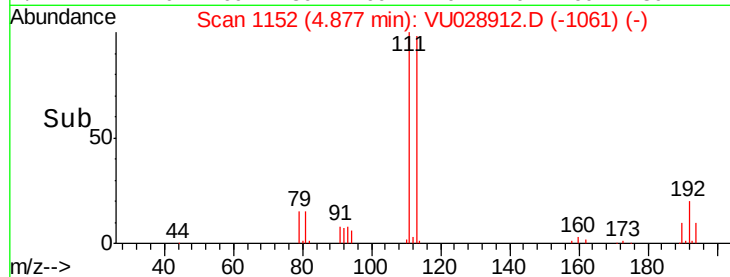
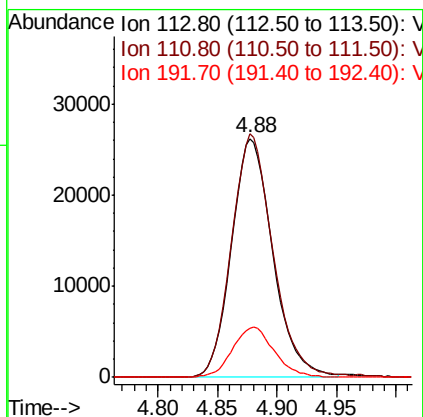
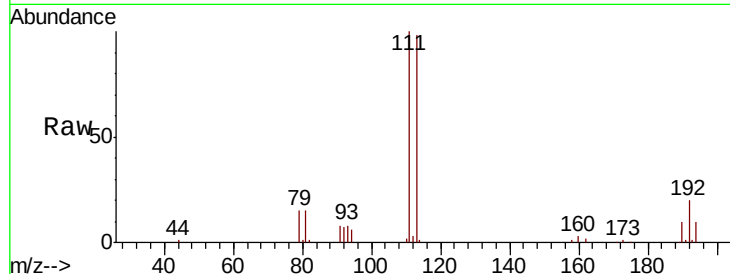




#35
 Dibromofluoromethane
 Concen: 51.435 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

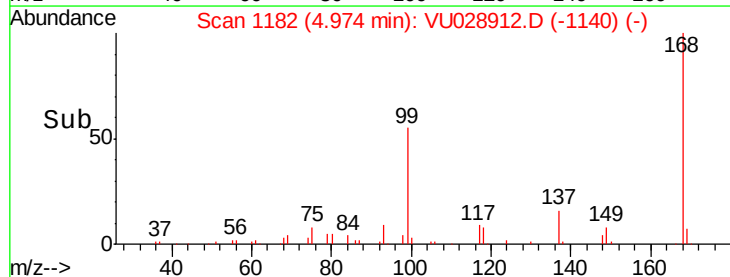
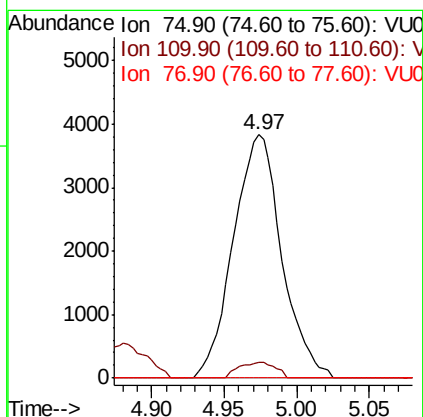
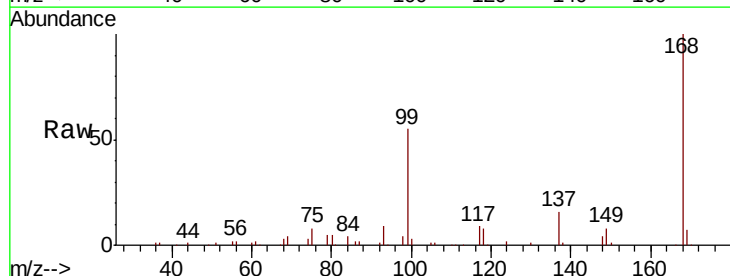
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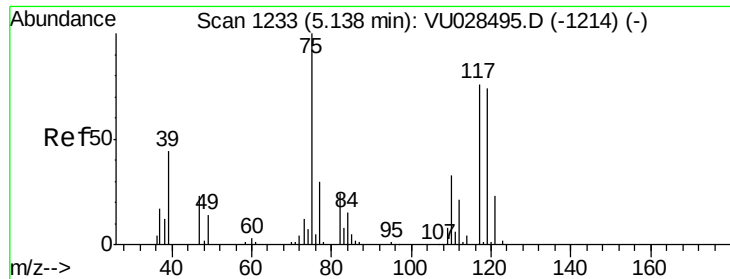
Tgt Ion: 113 Resp: 62943
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.0
 192 21.2 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.179 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion: 75 Resp: 8892
 Ion Ratio Lower Upper
 75 100
 110 4.8 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.16 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-3036-01ME

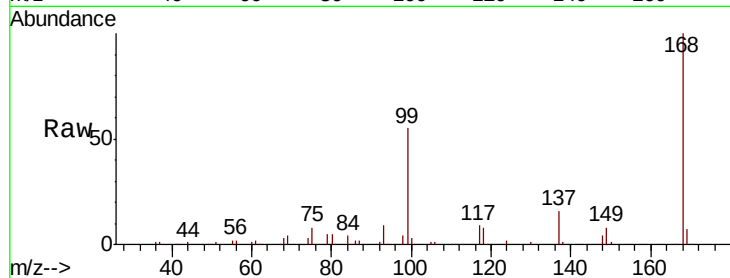
Tgt Ion:117 Resp: 10080

Ion Ratio Lower Upper

117 100

119 4.5 77.6 116.4#

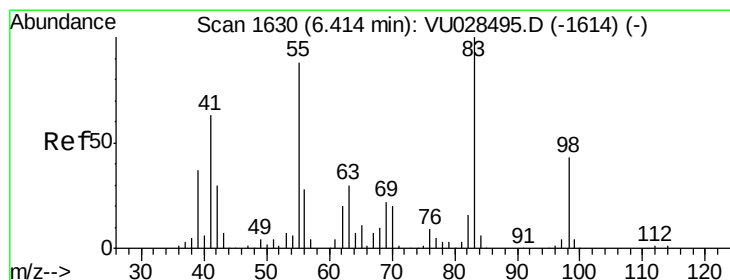
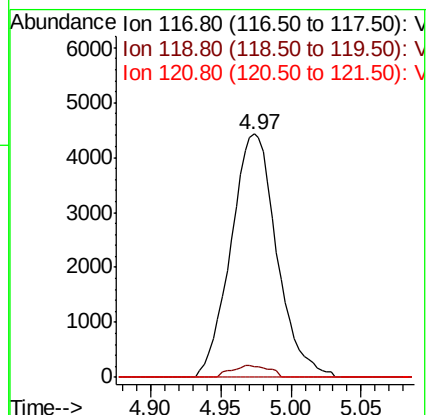
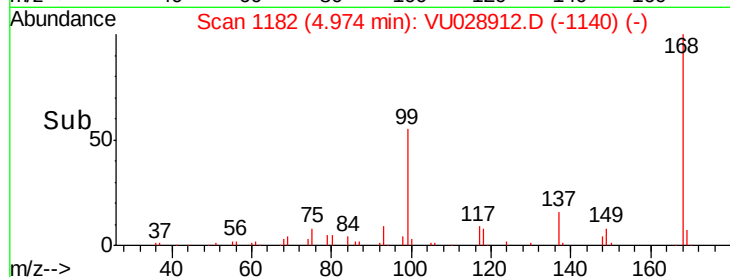
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 1.177 ug/l

RT: 6.40 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

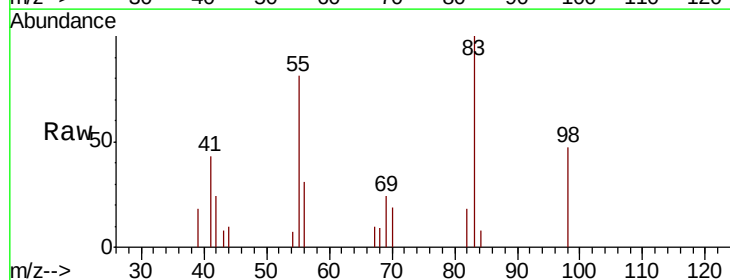
Tgt Ion: 83 Resp: 3055

Ion Ratio Lower Upper

83 100

55 80.7 70.2 105.2

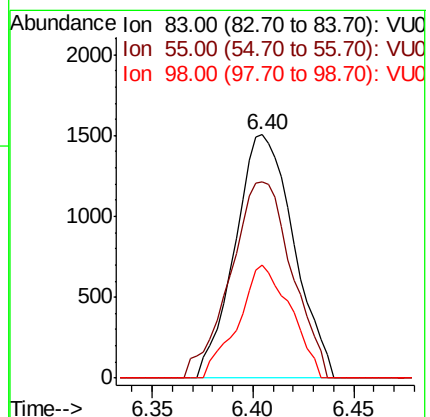
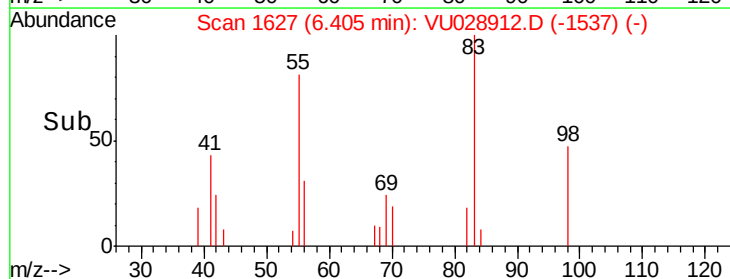
98 46.5 34.2 51.4

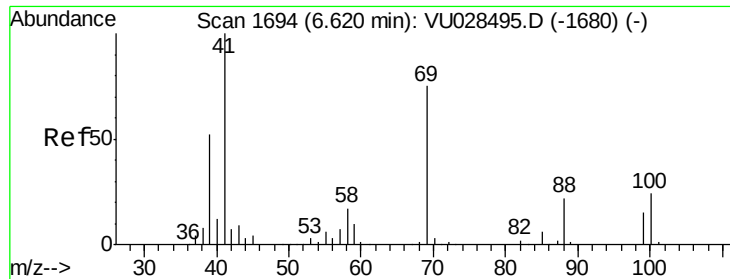


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

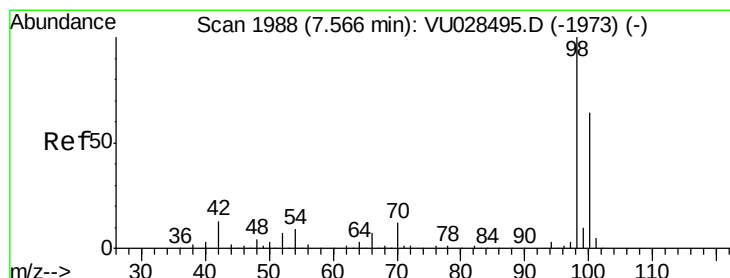
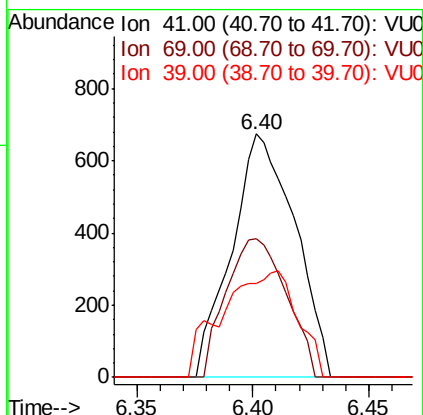
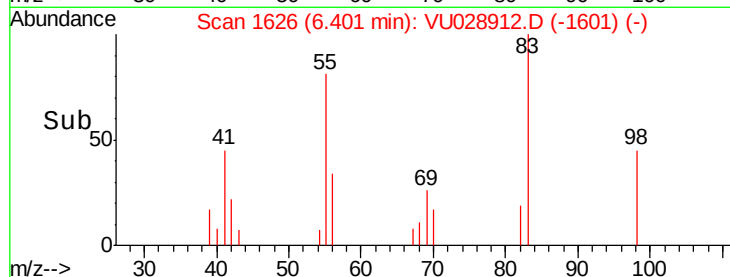
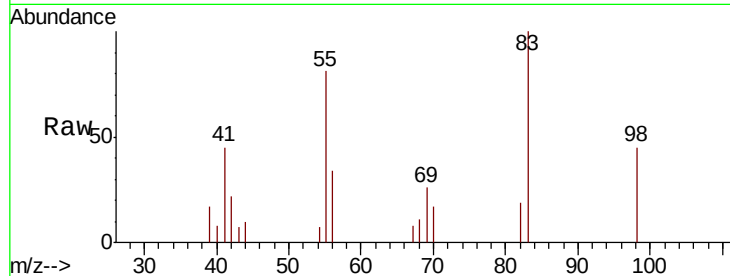




#48
Methyl methacrylate
Concen: 0.593 ug/l
RT: 6.40 min Scan# 1626
Delta R.T. -0.22 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

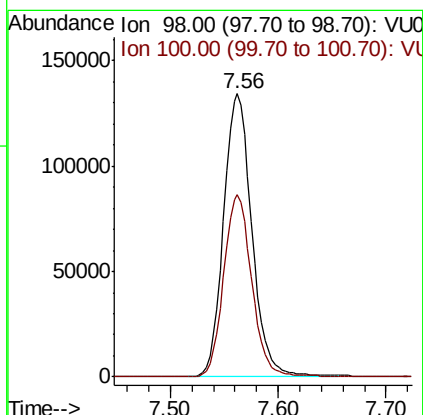
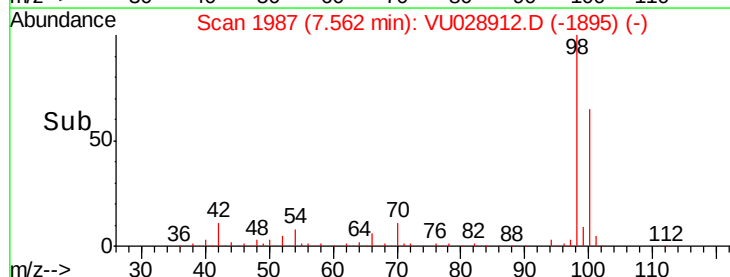
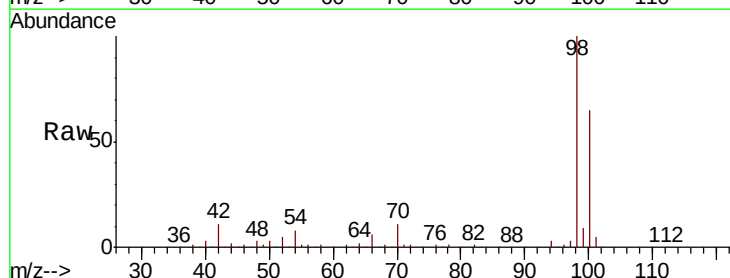
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

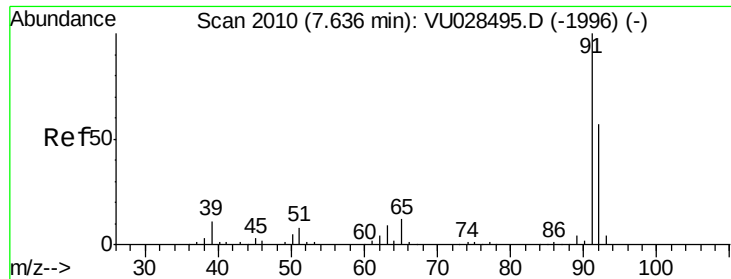
Tgt Ion: 41 Resp: 1282
Ion Ratio Lower Upper
41 100
69 54.0 60.4 90.6#
39 51.7 41.1 61.7



#50
Toluene-d8
Concen: 50.661 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 98 Resp: 245241
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6





#52

Toluene

Concen: 1.376 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

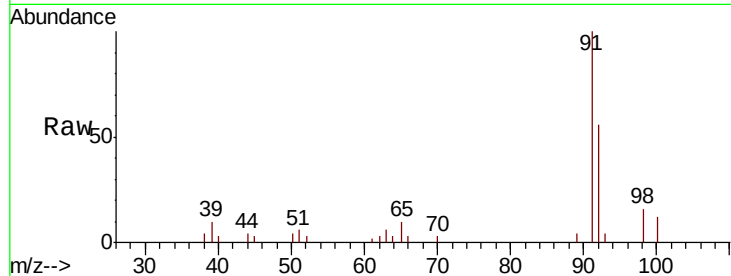
P001-SS013B-3036-01ME

Tgt Ion: 92 Resp: 5077

Ion Ratio Lower Upper

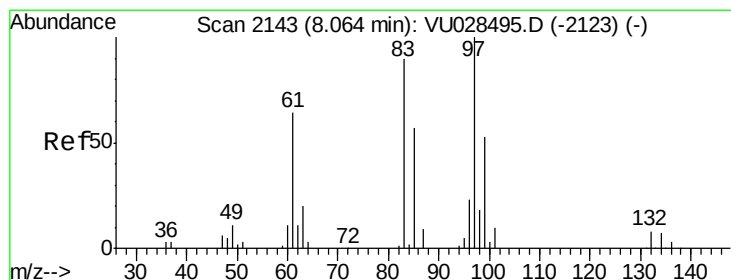
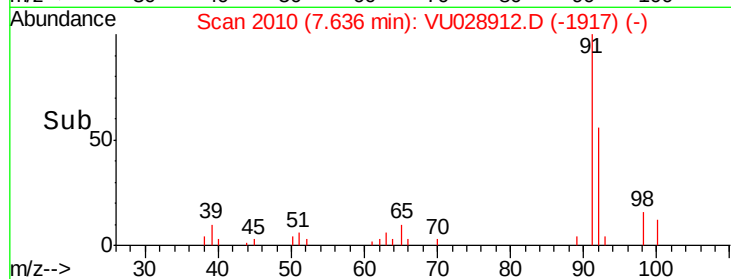
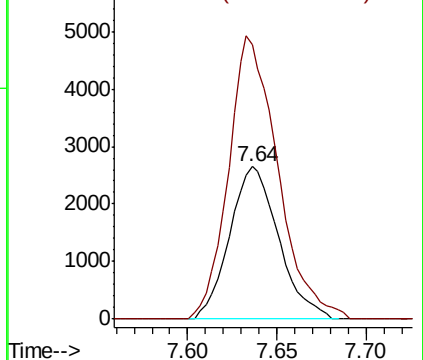
92 100

91 186.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#55

1,1,2-Trichloroethane

Concen: 0.722 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.02 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Tgt Ion: 97 Resp: 1053

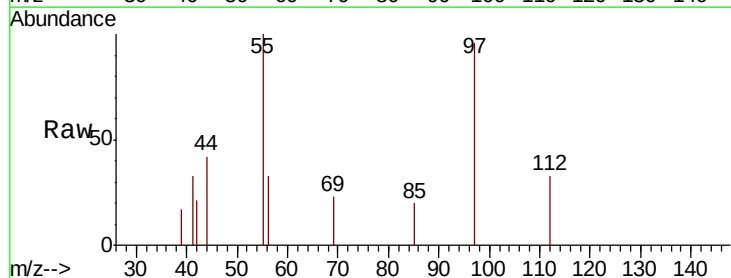
Ion Ratio Lower Upper

97 100

83 0.0 72.4 108.6#

85 21.2 46.0 69.0#

99 0.0 47.4 71.2#

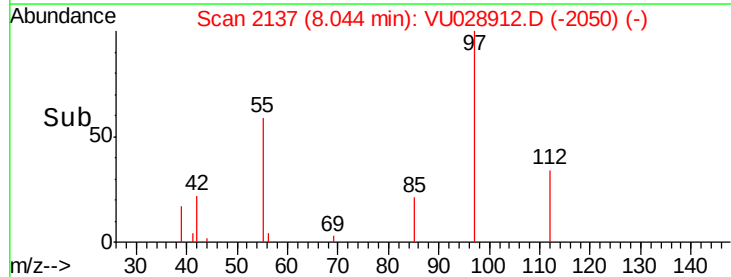
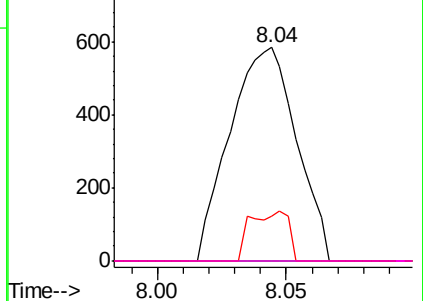


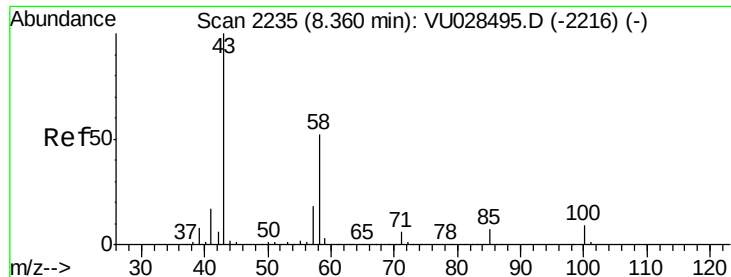
Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

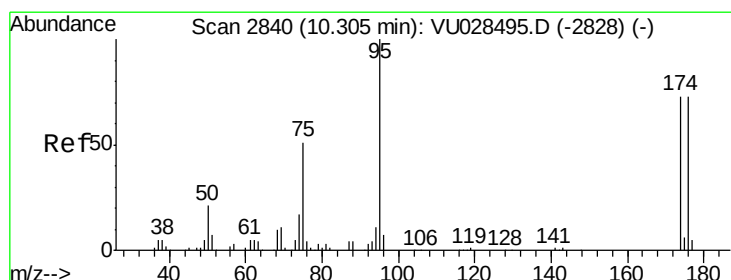
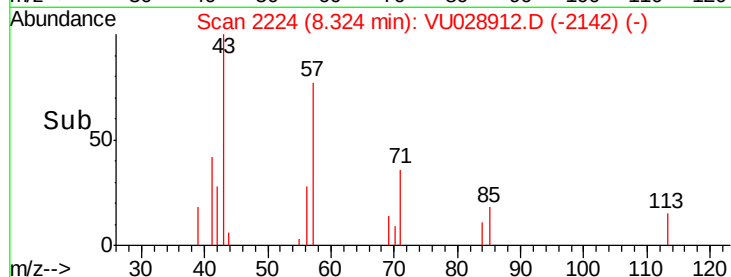
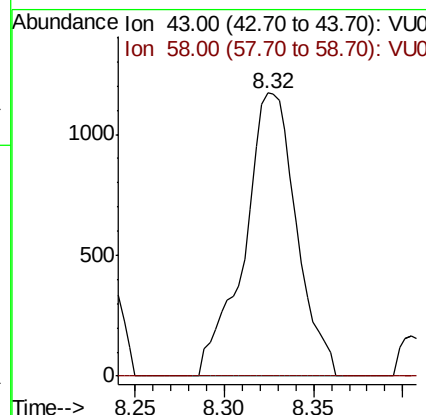
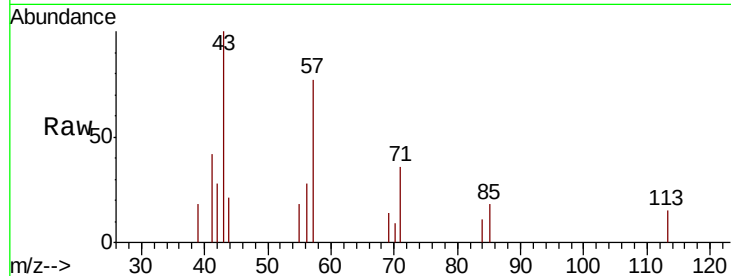




#59
2-Hexanone
Concen: 1.099 ug/l
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

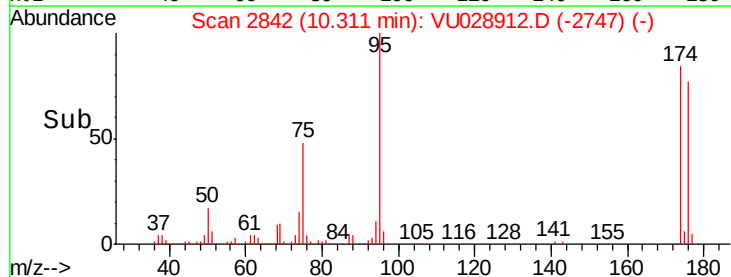
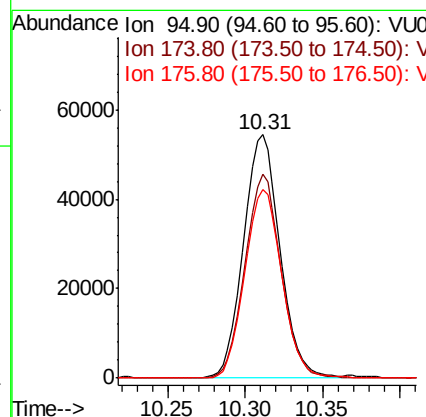
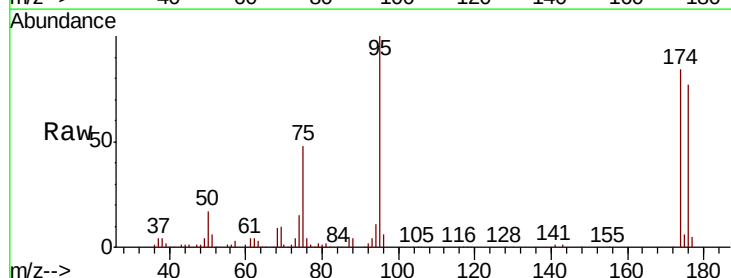
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

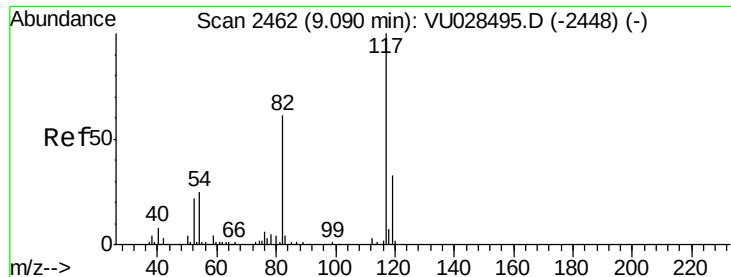
Tgt Ion: 43 Resp: 2391
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 95 Resp: 89494
Ion Ratio Lower Upper
95 100
174 82.4 0.0 150.4
176 78.8 0.0 145.2

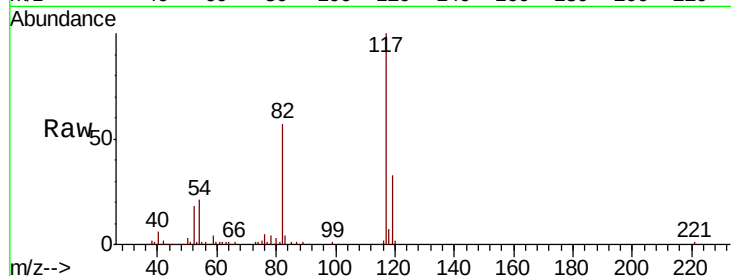




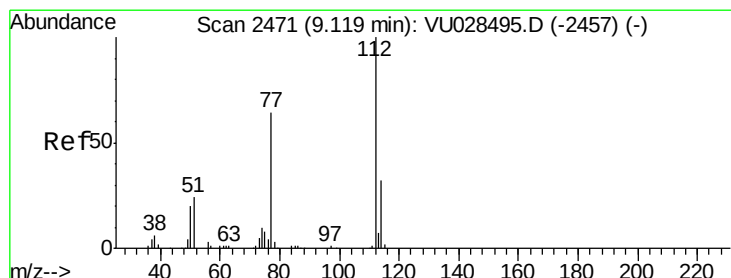
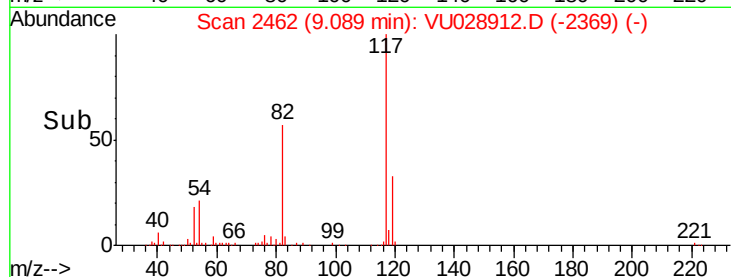
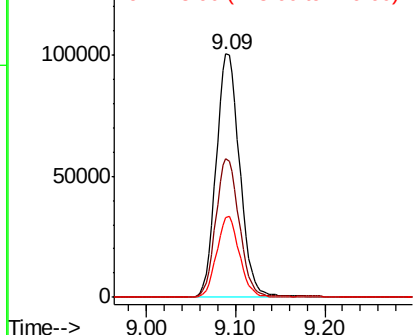
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

Tgt Ion:117 Resp: 184397
Ion Ratio Lower Upper
117 100
82 57.1 48.9 73.3
119 32.7 26.2 39.4

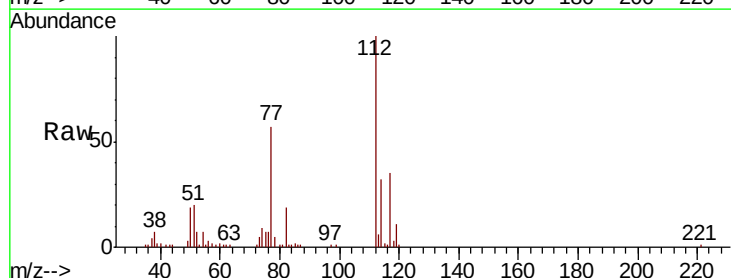


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

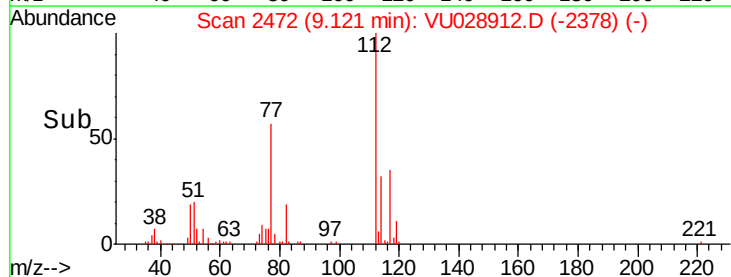
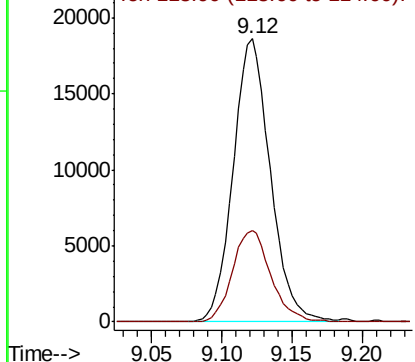


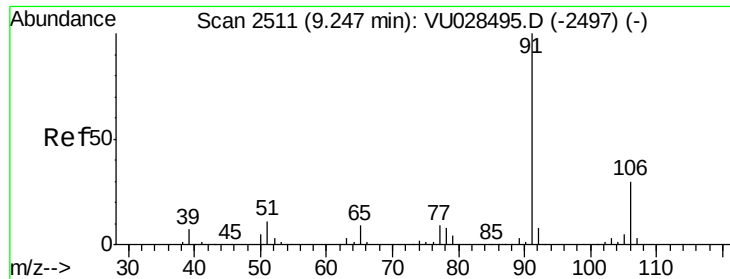
#65
Chlorobenzene
Concen: 8.756 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion:112 Resp: 34404
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.339 ug/l

RT: 9.26 min Scan# 2514

Delta R.T. 0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

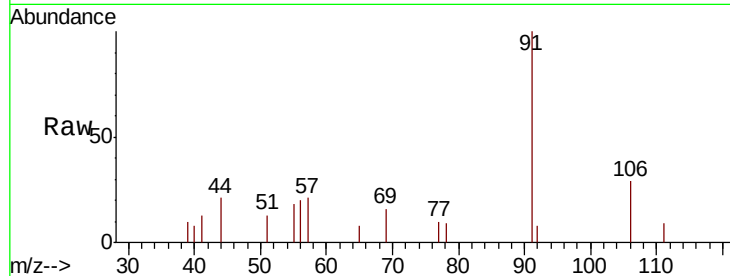
P001-SS013B-3036-01ME

Tgt Ion: 91 Resp: 2448

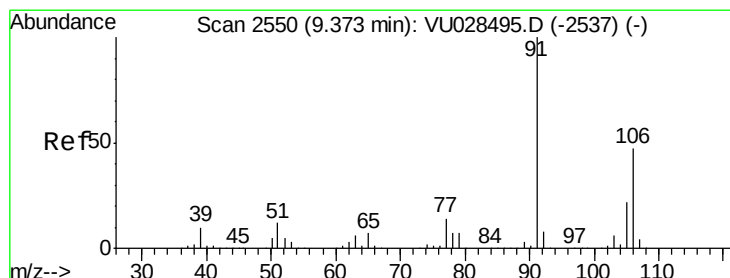
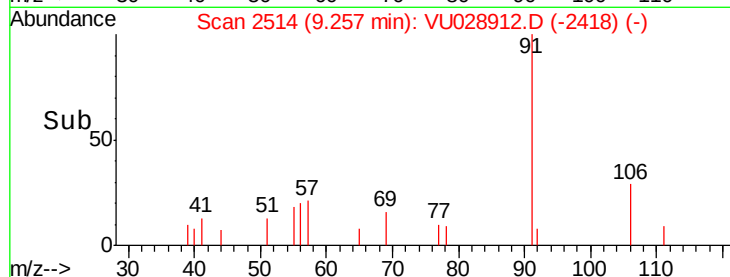
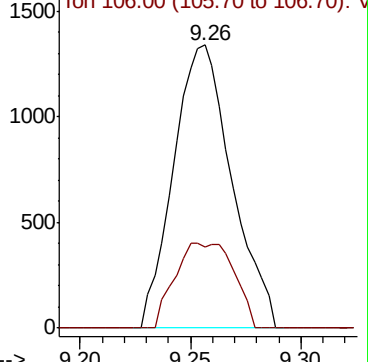
Ion Ratio Lower Upper

91 100

106 28.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU028912.D (-2497) (-)



#68

m/p-Xylenes

Concen: 4.623 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028912.D

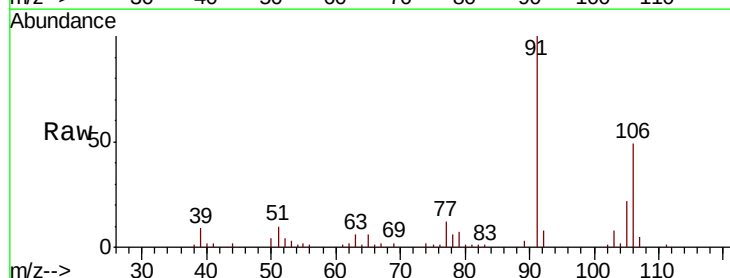
Acq: 22 Dec 2018 14:11

Tgt Ion: 106 Resp: 12152

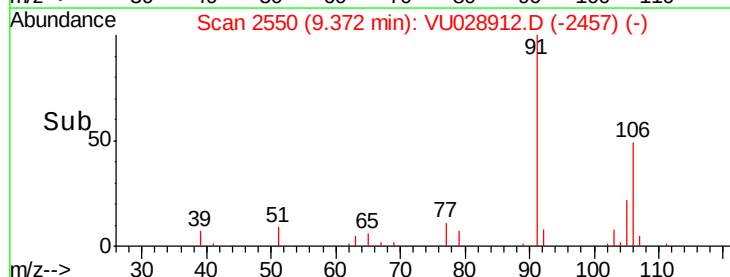
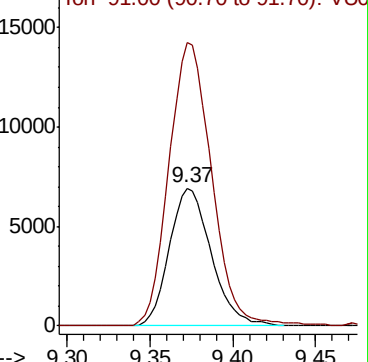
Ion Ratio Lower Upper

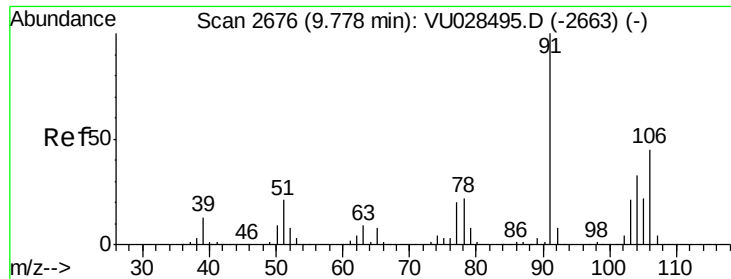
106 100

91 210.0 167.4 251.0



Abundance Ion 106.00 (105.70 to 106.70): VU028912.D (-2418) (-)

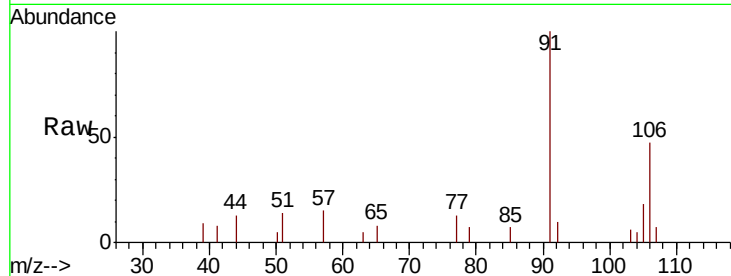




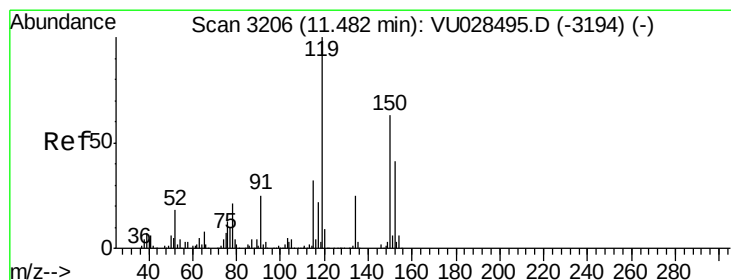
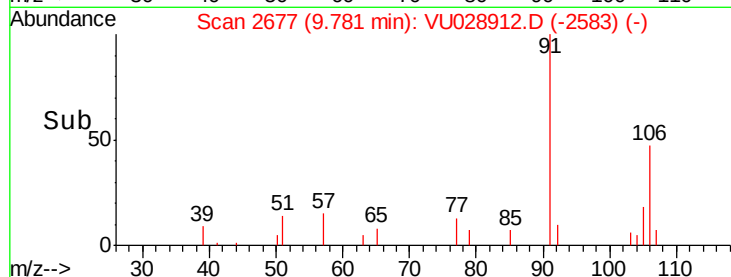
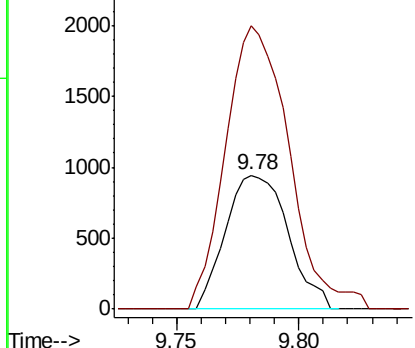
#69
o-Xylene
Concen: 0.657 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

Tgt Ion:106 Resp: 1678
Ion Ratio Lower Upper
106 100
91 215.5 111.3 334.0

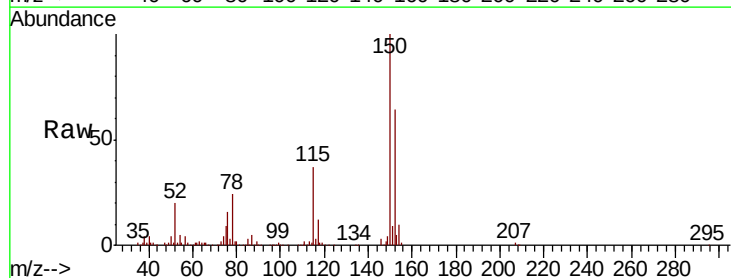


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

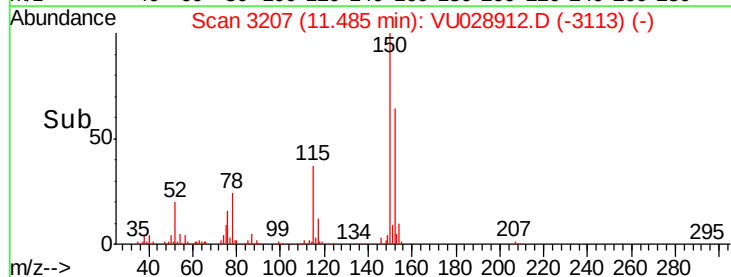
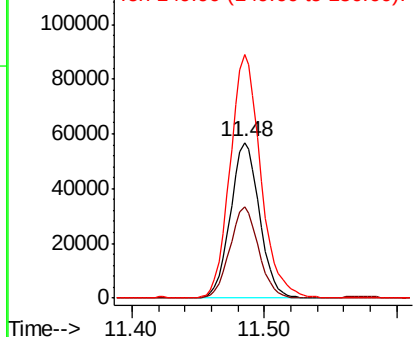


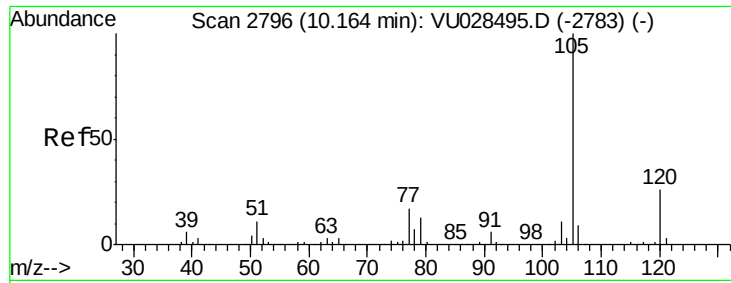
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion:152 Resp: 86747
Ion Ratio Lower Upper
152 100
115 57.8 42.7 128.1
150 163.9 0.0 346.0



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: 1.609 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

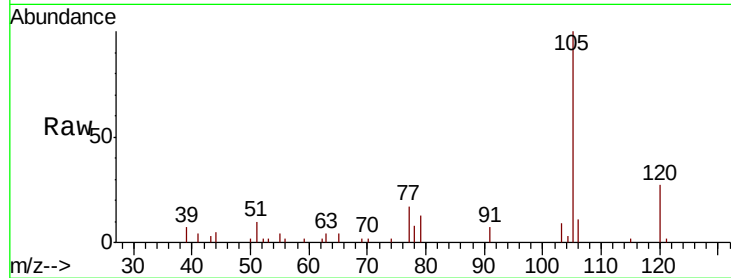
P001-SS013B-3036-01ME

Tgt Ion: 105 Resp: 10710

Ion Ratio Lower Upper

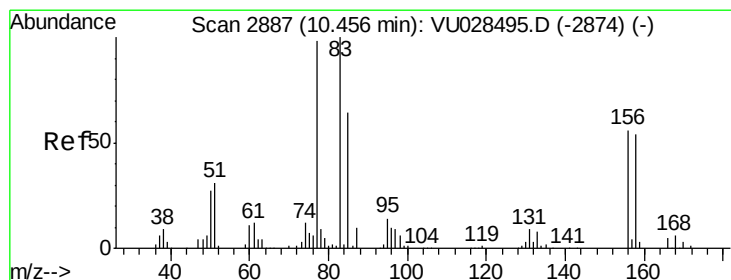
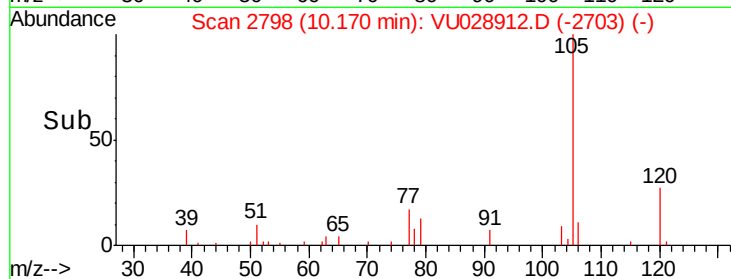
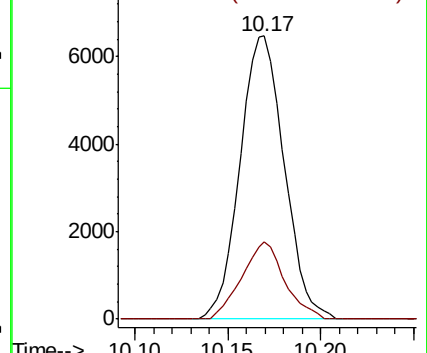
105 100

120 26.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.352 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.04 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

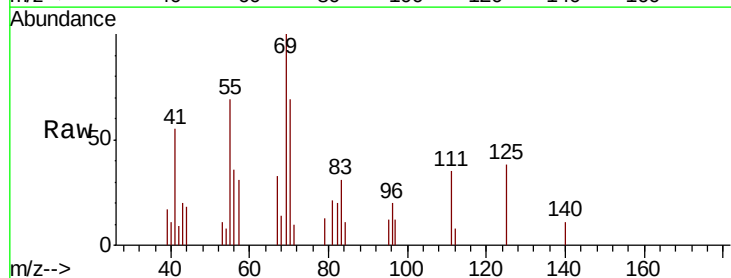
Tgt Ion: 83 Resp: 899

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

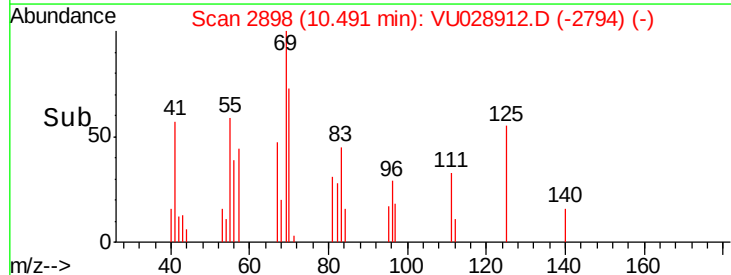
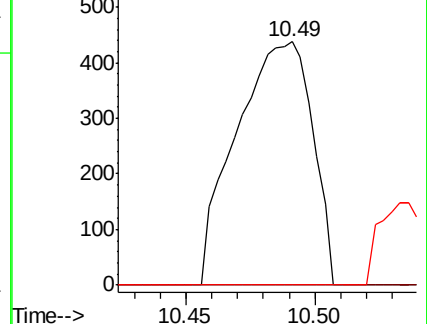
85 0.0 31.8 95.4#

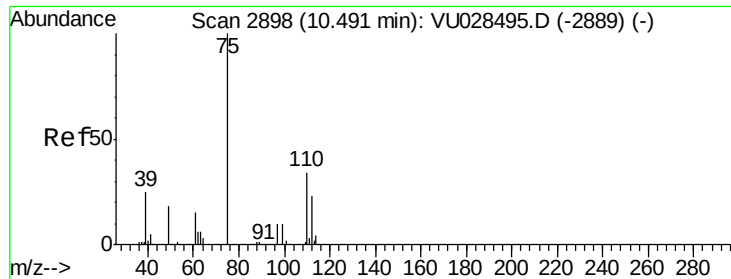


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

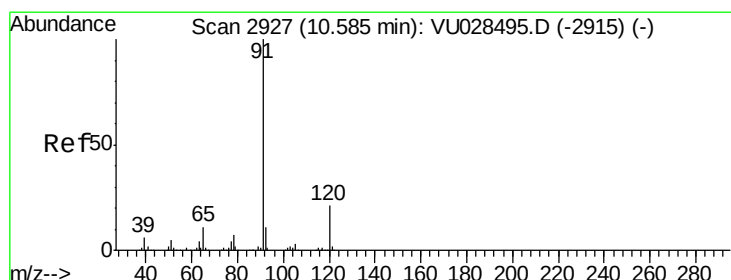
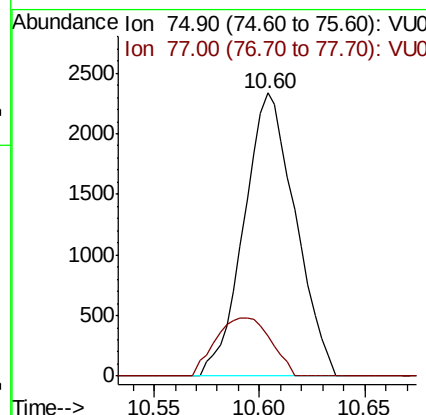
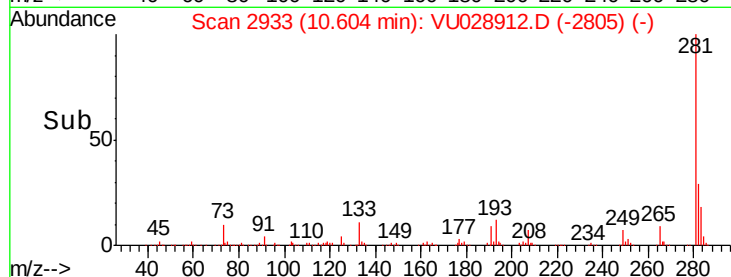
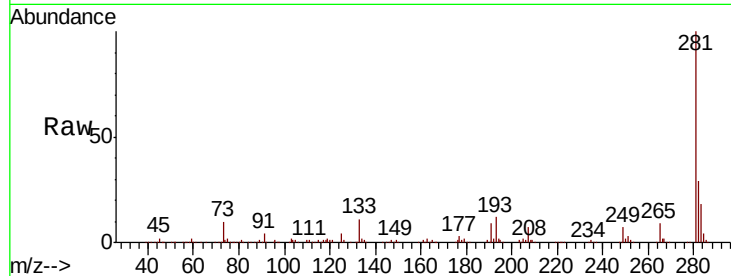




#76
 1,2,3-Trichloropropane
 Concen: 1.789 ug/l
 RT: 10.60 min Scan# 2933
 Delta R.T. 0.11 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

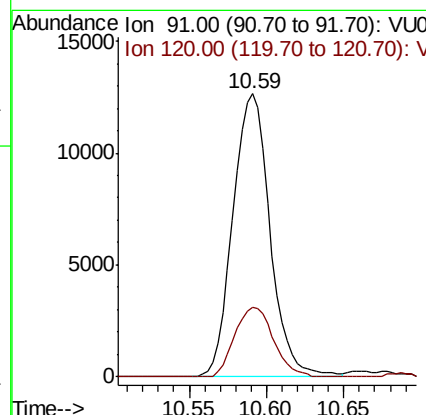
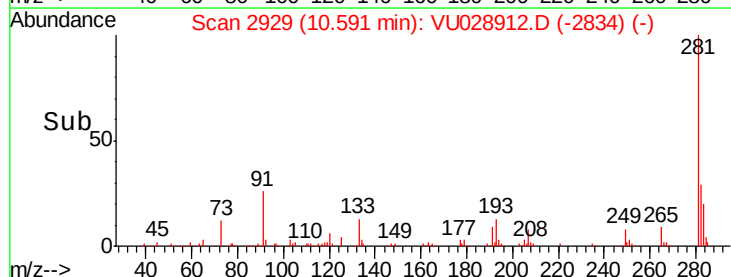
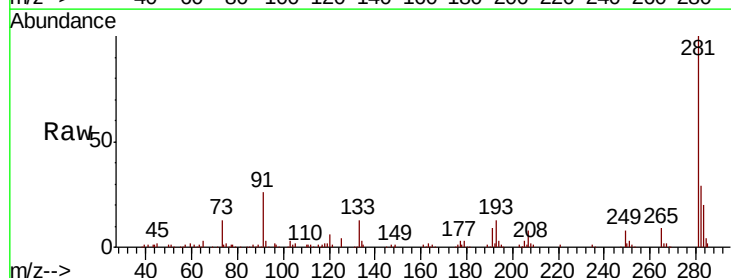
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

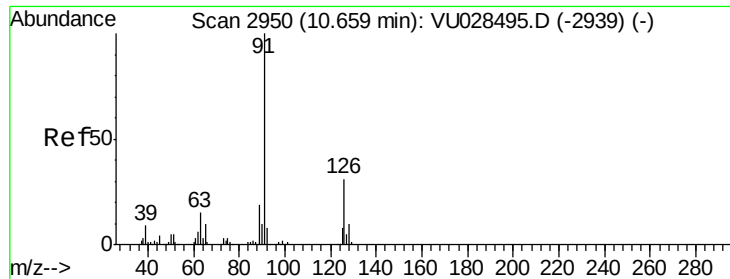
Tgt Ion: 75 Resp: 3963
 Ion Ratio Lower Upper
 75 100
 77 22.0 20.8 62.4



#78
 n-propylbenzene
 Concen: 2.552 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion: 91 Resp: 21108
 Ion Ratio Lower Upper
 91 100
 120 25.5 10.6 31.8





#79

2-Chlorotoluene

Concen: 4.430 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. -0.07 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

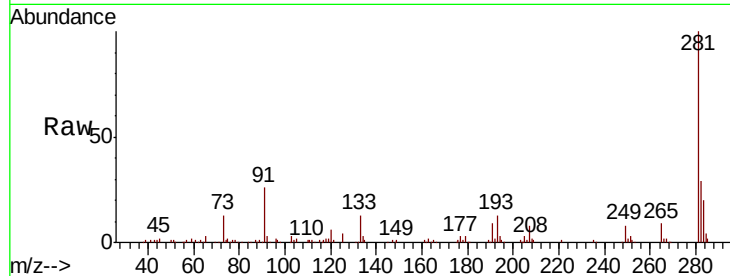
P001-SS013B-3036-01ME

Tgt Ion: 91 Resp: 21108

Ion Ratio Lower Upper

91 100

126 0.7 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028912.D (-2857) (-)

Ion 125.90 (125.60 to 126.60): VU028912.D (-2857) (-)

10.59

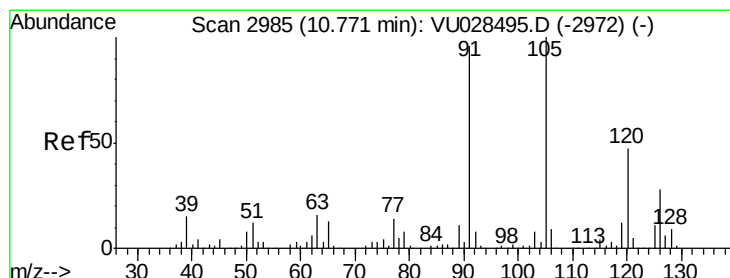
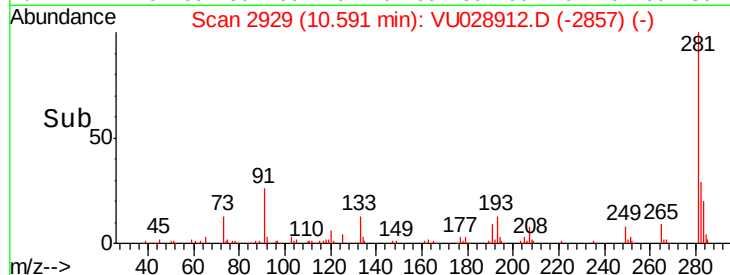
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.329 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU028912.D

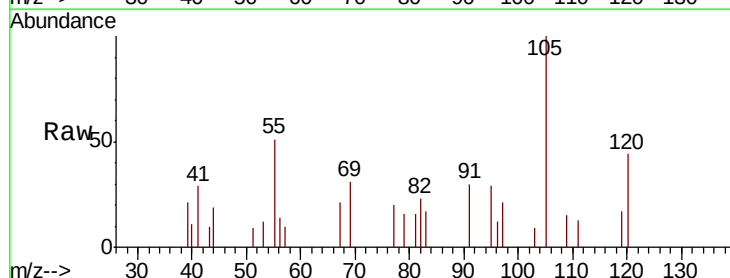
Acq: 22 Dec 2018 14:11

Tgt Ion: 105 Resp: 1813

Ion Ratio Lower Upper

105 100

120 43.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028912.D (-2892) (-)

Ion 120.00 (119.70 to 120.70): VU028912.D (-2892) (-)

10.77

1200

1000

800

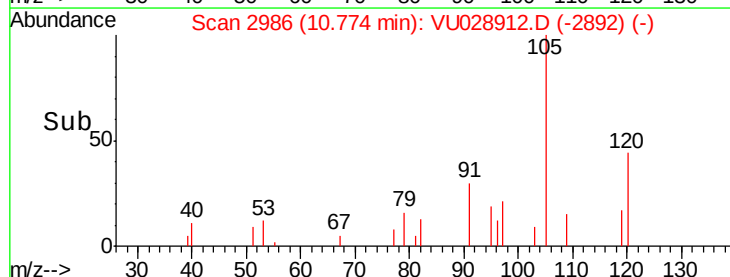
600

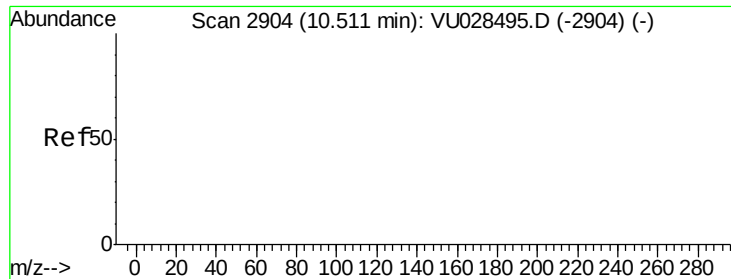
400

200

0

Time-->

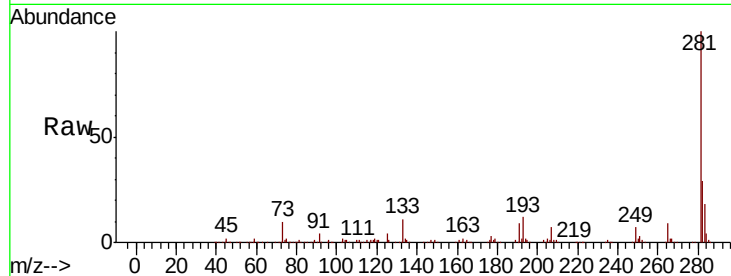




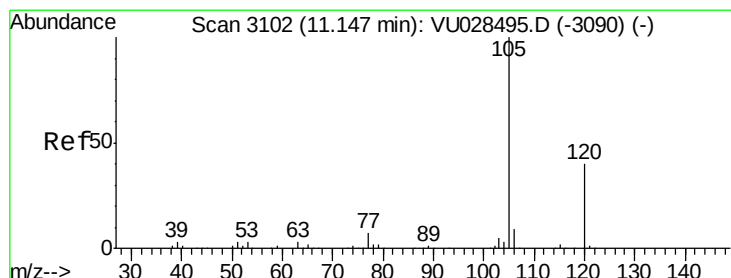
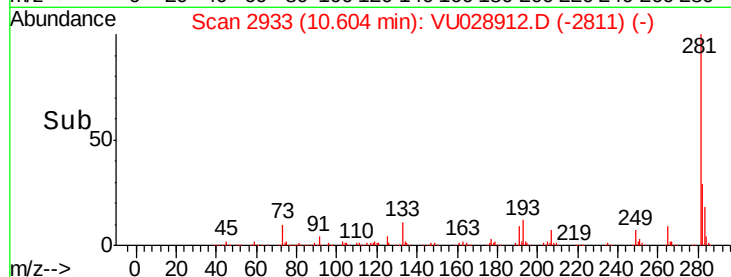
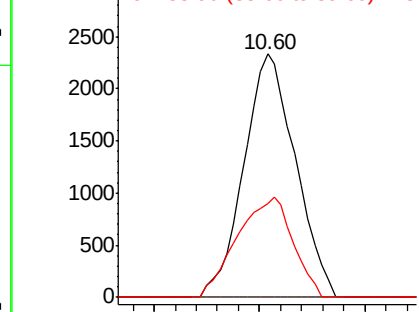
#81
trans-1,4-Dichloro-2-butene
Concen: 4.876 ug/l
RT: 10.60 min Scan# 2933
Delta R.T. 0.09 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

Tgt Ion: 75 Resp: 3963
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 44.5 0.0 0.0#

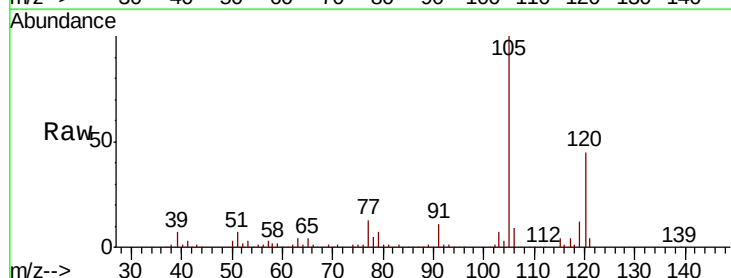


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

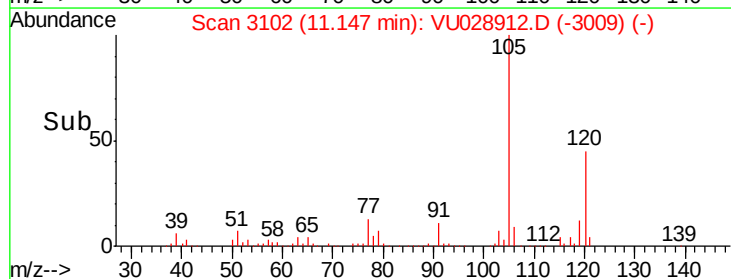
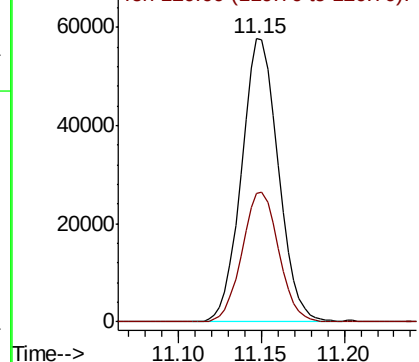


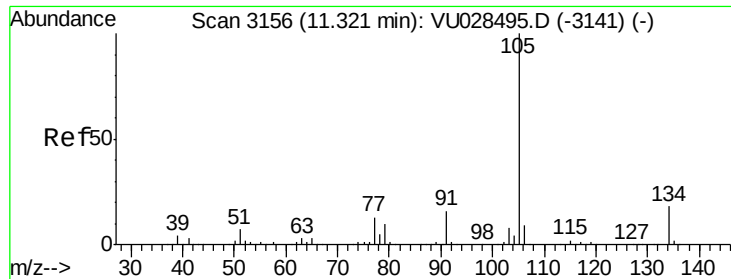
#84
1,2,4-Trimethylbenzene
Concen: 15.712 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 105 Resp: 89222
Ion Ratio Lower Upper
105 100
120 45.8 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.399 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

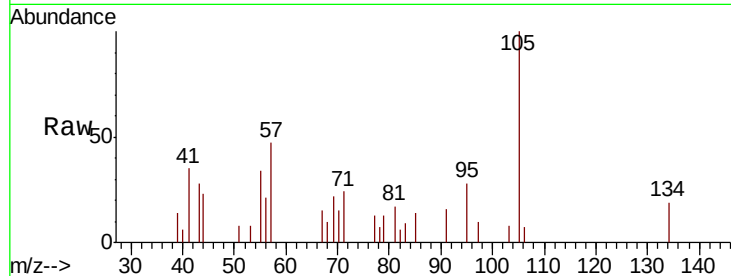
P001-SS013B-3036-01ME

Tgt Ion:105 Resp: 2724

Ion Ratio Lower Upper

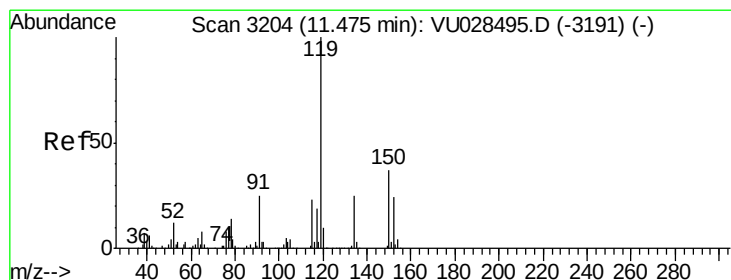
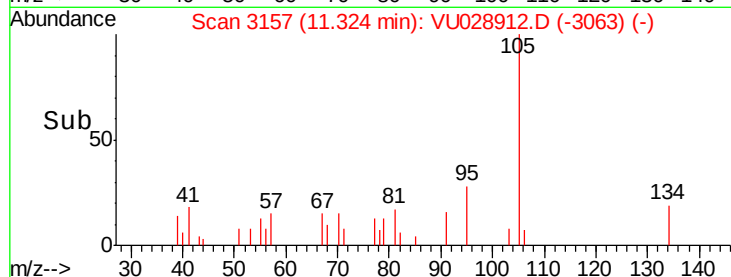
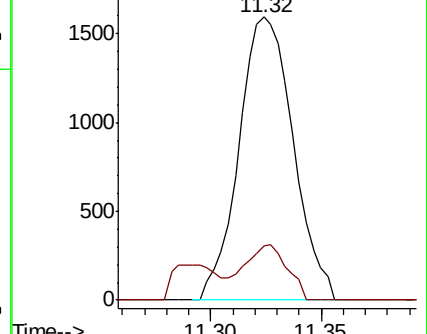
105 100

134 15.3 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.427 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

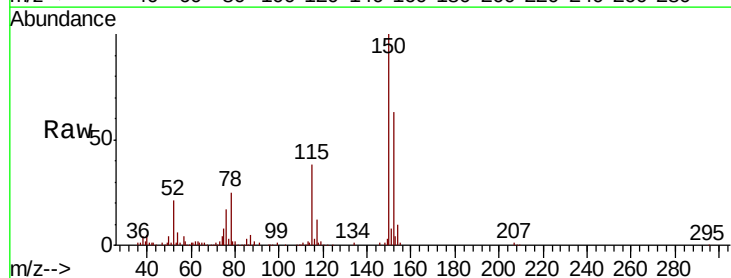
Tgt Ion:119 Resp: 2476

Ion Ratio Lower Upper

119 100

134 24.2 12.7 38.1

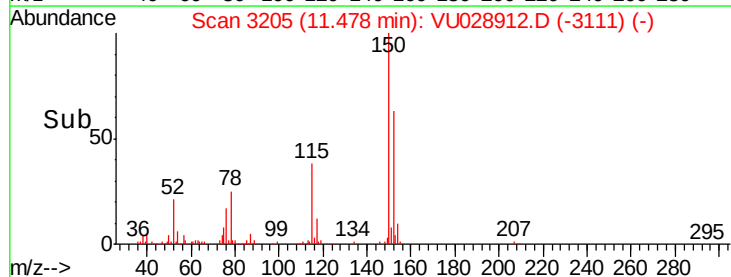
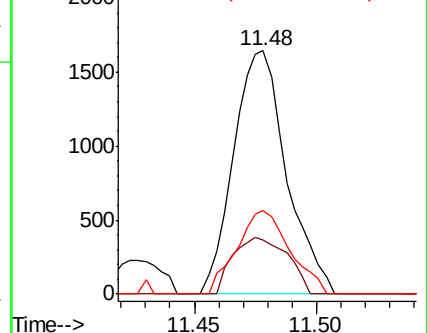
91 34.5 12.6 37.6

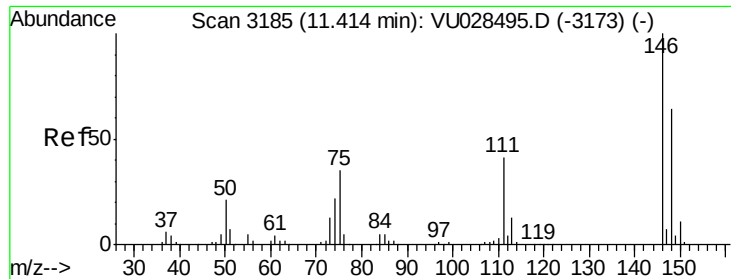


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

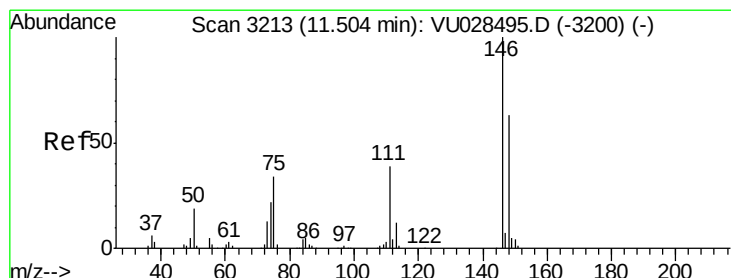
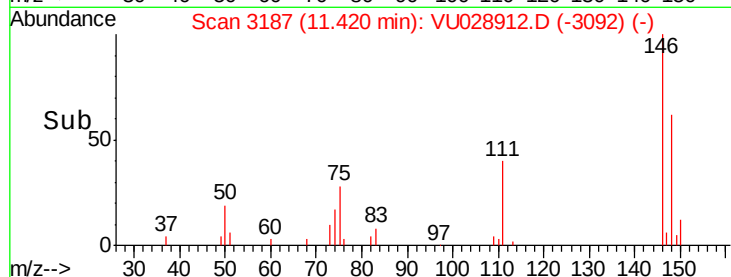
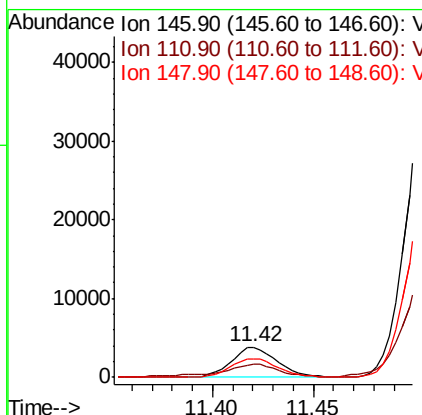
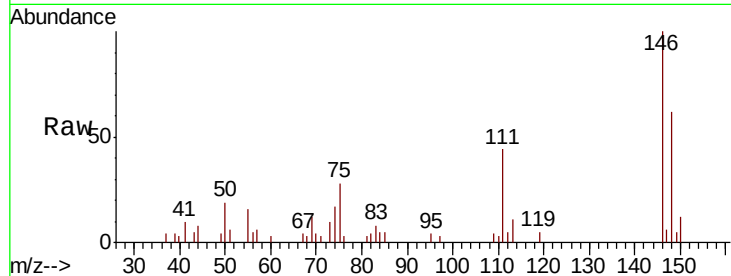




#87
 1,3-Dichlorobenzene
 Concen: 2.081 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

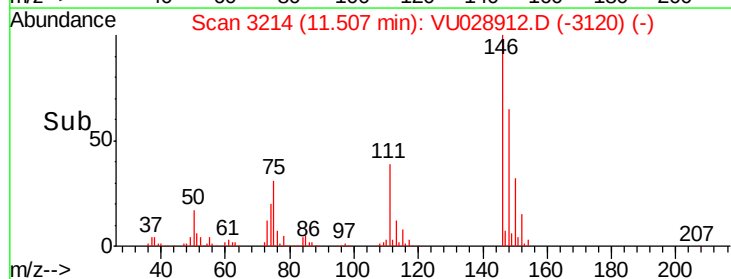
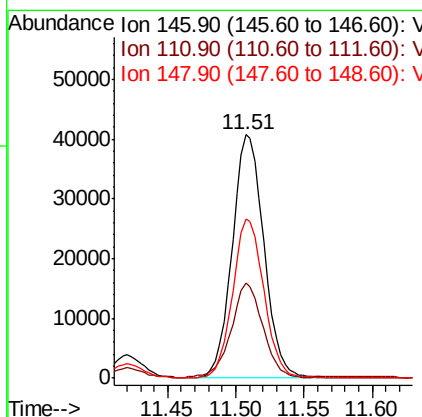
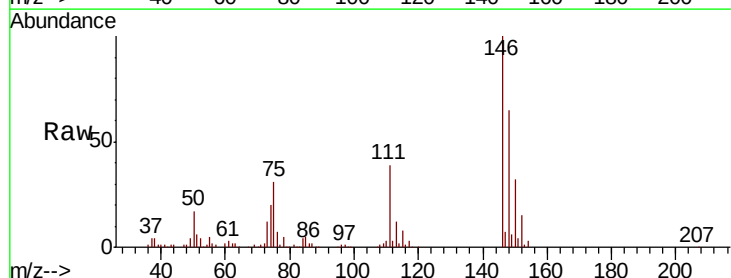
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

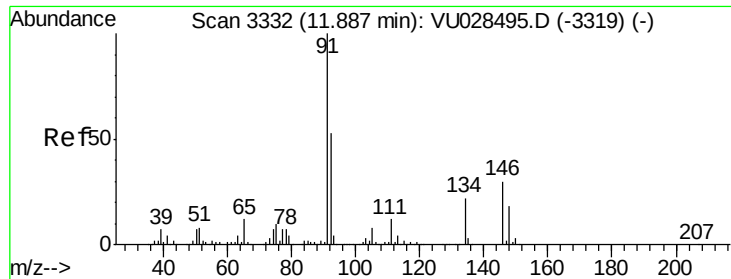
Tgt Ion:146 Resp: 6118
 Ion Ratio Lower Upper
 146 100
 111 57.0 20.7 62.1
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.573 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion:146 Resp: 65612
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.2 60.5
 148 64.7 31.6 95.0

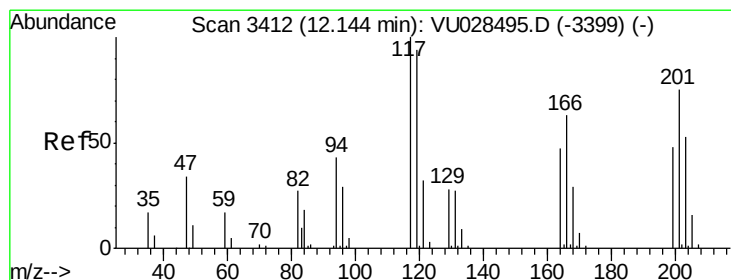
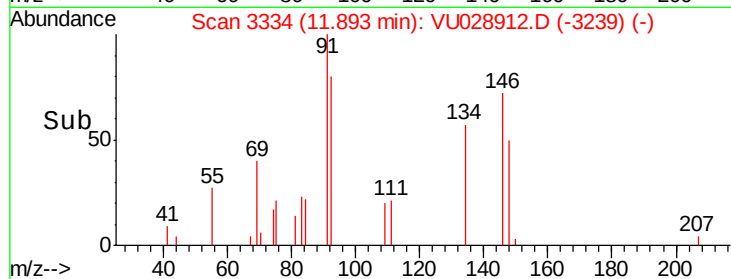
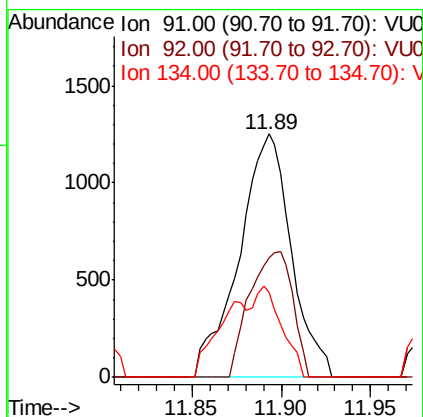
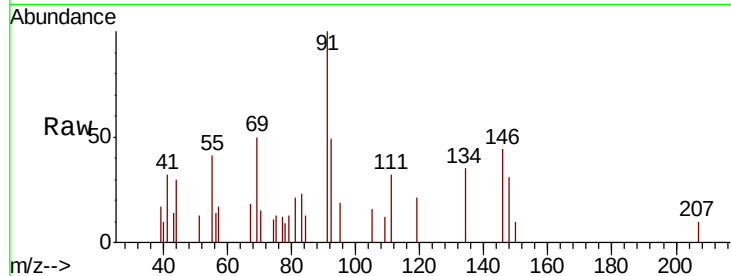




#89
n-Butylbenzene
Concen: 0.436 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

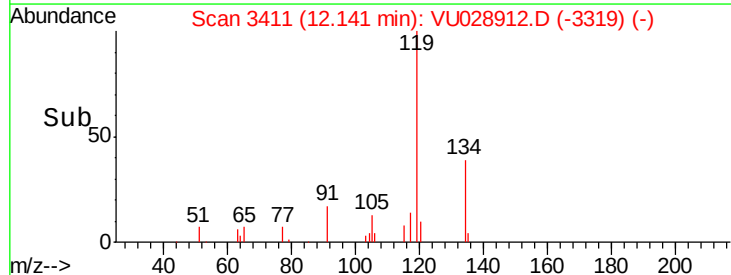
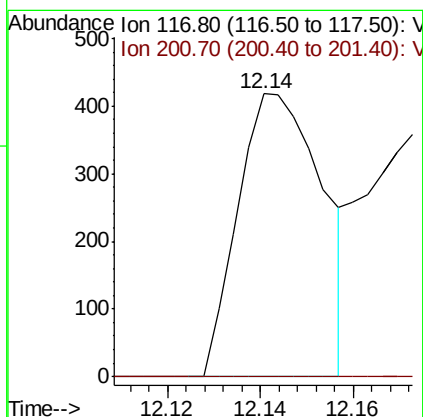
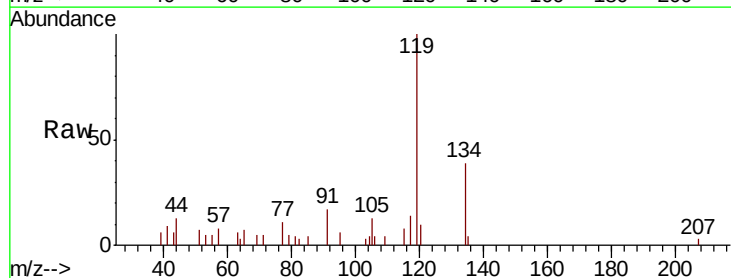
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

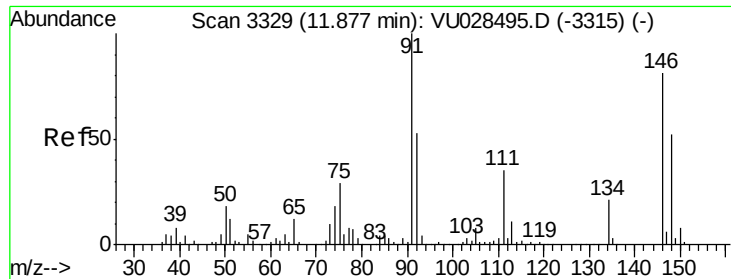
Tgt Ion: 91 Resp: 2560
Ion Ratio Lower Upper
91 100
92 42.6 26.3 78.9
134 18.5 11.3 33.8



#90
Hexachloroethane
Concen: 0.602 ug/l
RT: 12.14 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 117 Resp: 527
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

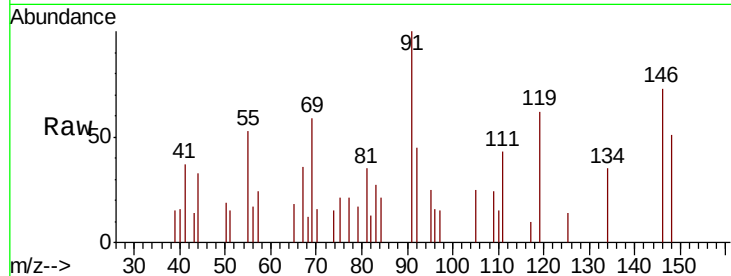




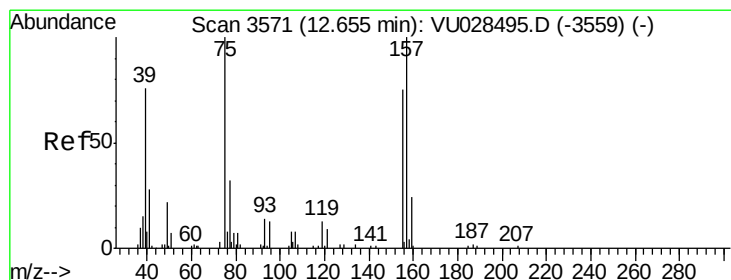
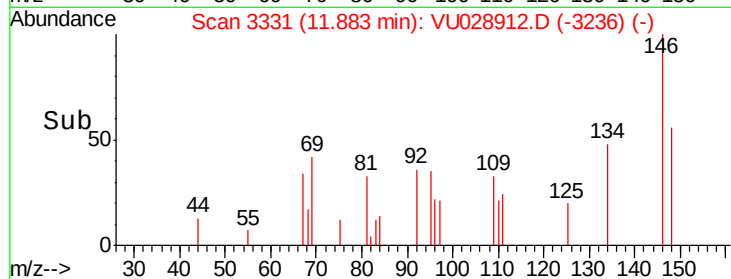
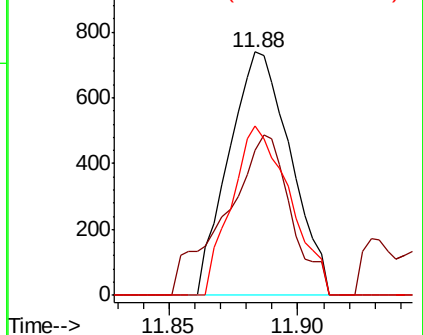
#91
 1,2-Dichlorobenzene
 Concen: 0.421 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Tgt Ion: 146 Resp: 1238
 Ion Ratio Lower Upper
 146 100
 111 69.9 21.1 63.4#
 148 65.6 31.4 94.2

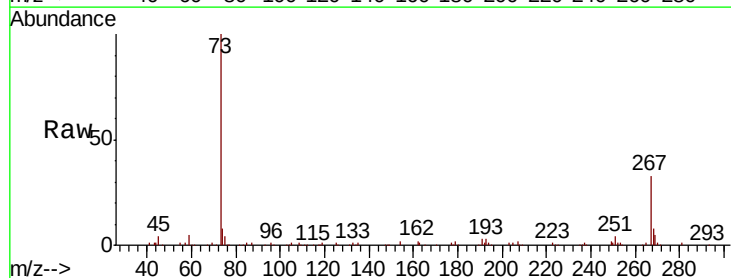


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

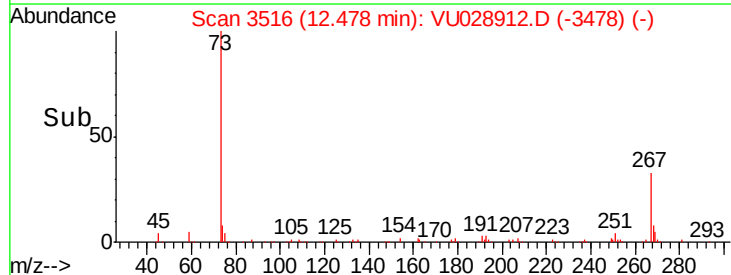
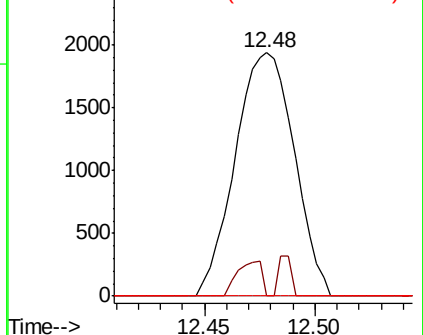


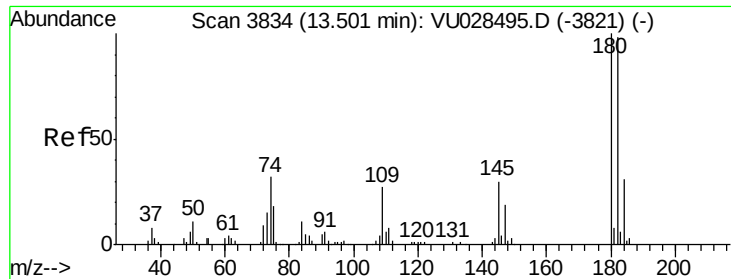
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.501 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion: 75 Resp: 3599
 Ion Ratio Lower Upper
 75 100
 155 6.0 38.1 114.5#
 157 0.0 48.7 146.1#



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

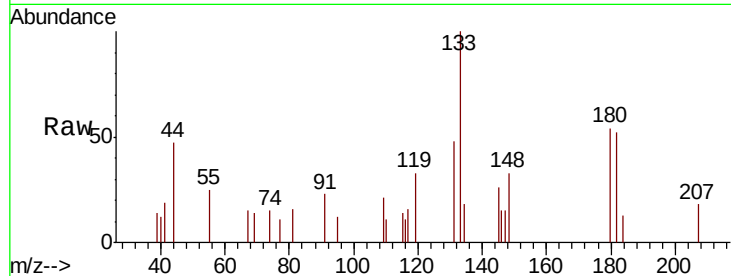




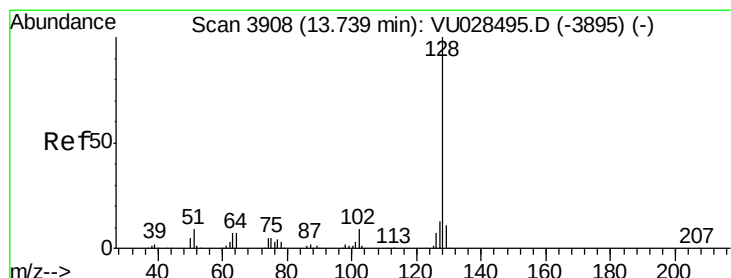
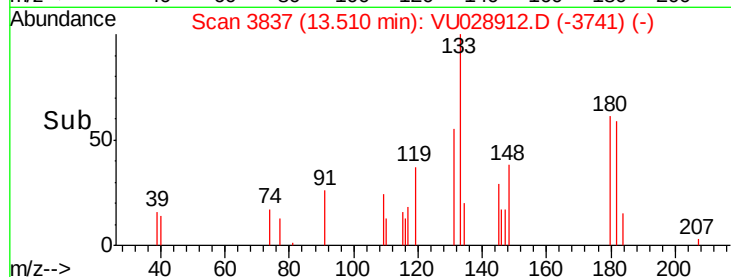
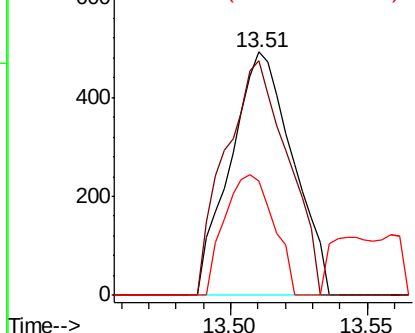
#93
 1,2,4-Trichlorobenzene
 Concen: 1.223 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Tgt Ion:180 Resp: 779
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.8
 145 39.2 15.0 45.1

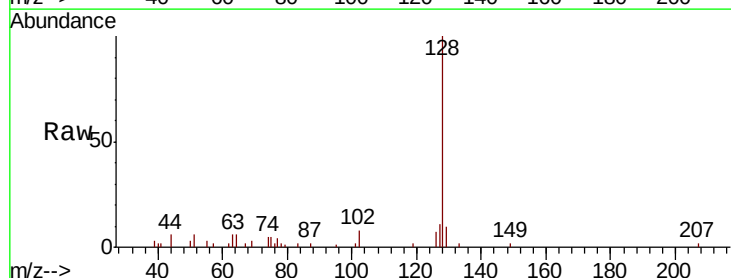


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

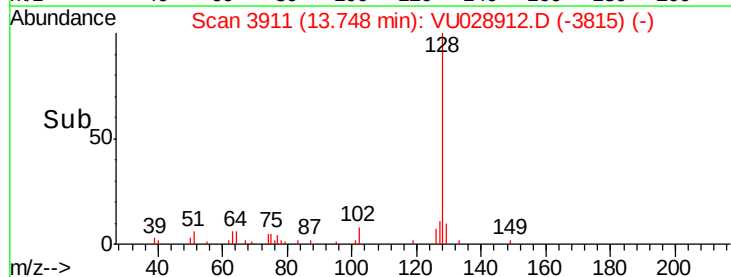
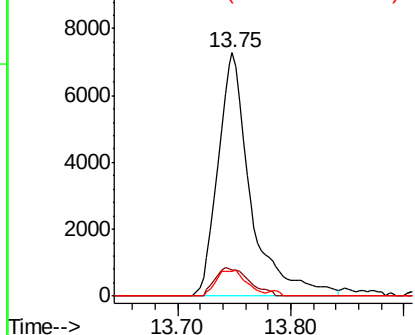


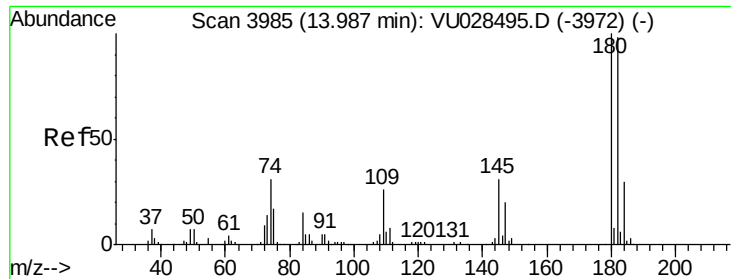
#95
 Naphthalene
 Concen: 2.067 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion:128 Resp: 14587
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.4 15.6
 129 9.8 8.6 13.0



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: 0.480 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Tgt Ion:180 Resp: 673
 Ion Ratio Lower Upper
 180 100
 182 105.5 48.2 144.6
 145 28.2 15.8 47.3

