

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028701.D
 Acq On : 14 Dec 2018 22:29
 Operator : MD/SY
 Sample : J6395-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:24:27 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	4.98	168	75106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	131440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	120936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	63326	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	4.88	113	46601	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
50) Toluene-d8	7.57	98	176806	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	10.31	95	57146	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	

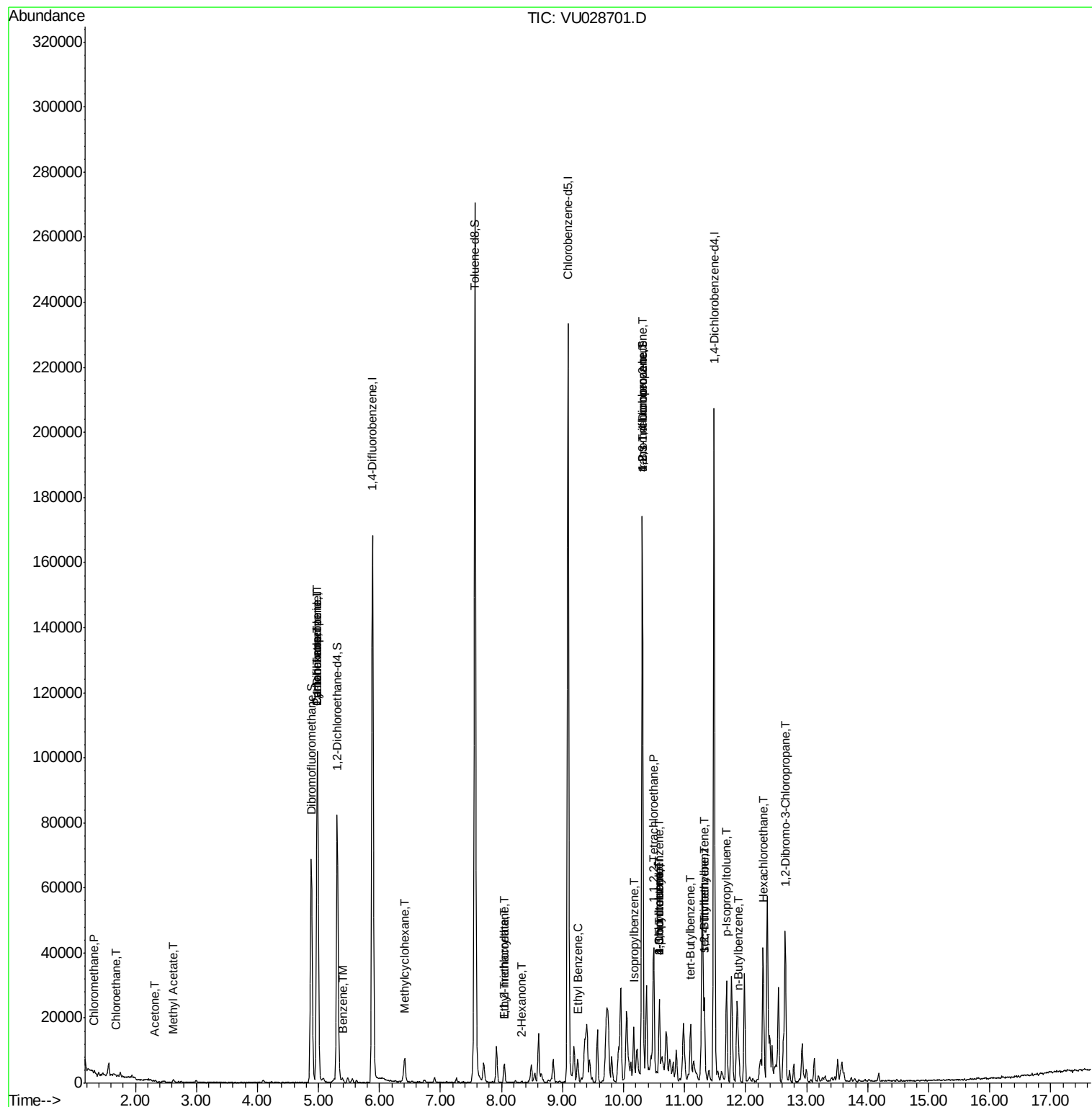
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1190	0.643	ug/l	92
6) Chloroethane	1.69	64	336	0.444	ug/l #	43
16) Acetone	2.32	43	563	0.753	ug/l #	44
18) Methyl Acetate	2.62	43	1241	0.640	ug/l #	79
31) Cyclohexane	4.98	56	3533	0.616	ug/l #	27
36) 1,1-Dichloropropene	4.98	75	6499	4.518	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7469	6.443	ug/l #	16
39) Methylcyclohexane	6.41	83	3088	1.760	ug/l #	91
40) Benzene	5.39	78	1351	0.319	ug/l	96
55) 1,1,2-Trichloroethane	8.04	97	1956	1.985	ug/l #	19
56) Ethyl methacrylate	8.04	69	493	0.292	ug/l #	1
59) 2-Hexanone	8.32	43	396	0.269	ug/l #	26
67) Ethyl Benzene	9.25	91	1087	0.229	ug/l	99
73) Isopropylbenzene	10.17	105	10327	2.720	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.49	83	2669	1.830	ug/l #	25
76) 1,2,3-Trichloropropane	10.30	75	29867	23.641	ug/l #	36
78) n-propylbenzene	10.59	91	18950	4.017	ug/l	99
79) 2-Chlorotoluene	10.59	91	18950	6.974	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.58	105	657	0.209	ug/l #	1
81) trans-1,4-Dichloro-2-buten	10.30	75	29867	58.041	ug/l #	100
82) 4-Chlorotoluene	10.59	91	18950	5.885	ug/l #	47
83) tert-Butylbenzene	11.10	119	7206	2.379	ug/l	89
84) 1,2,4-Trimethylbenzene	11.32	105	16137	4.983	ug/l #	32
85) sec-Butylbenzene	11.32	105	16137	4.147	ug/l #	59
86) p-Isopropyltoluene	11.69	119	16413	4.965	ug/l	96
89) n-Butylbenzene	11.89	91	5138	1.536	ug/l #	74
90) Hexachloroethane	12.28	117	14993	30.009	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.65	75	78	0.247	ug/l #	6

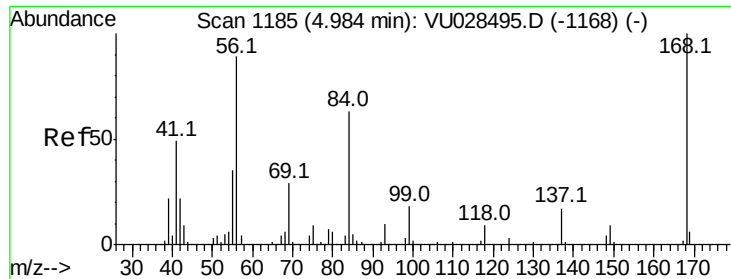
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

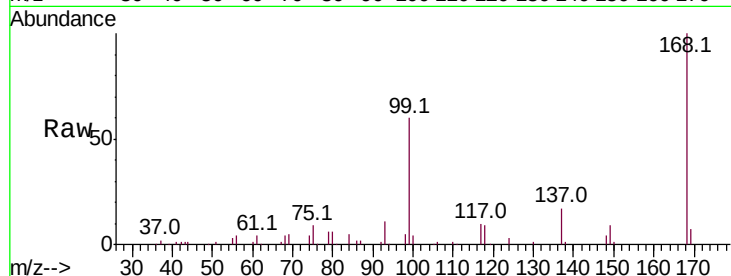
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 75106

Ion Ratio Lower Upper

168 100

99 60.0 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) (-)

4.98

30000

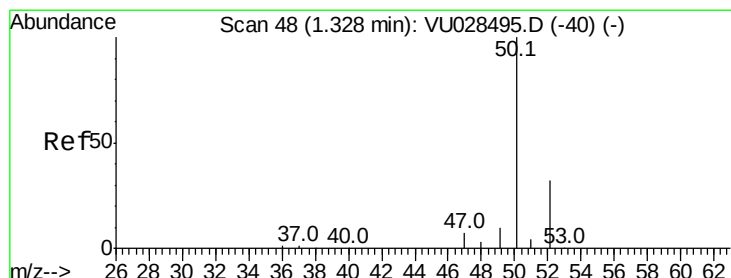
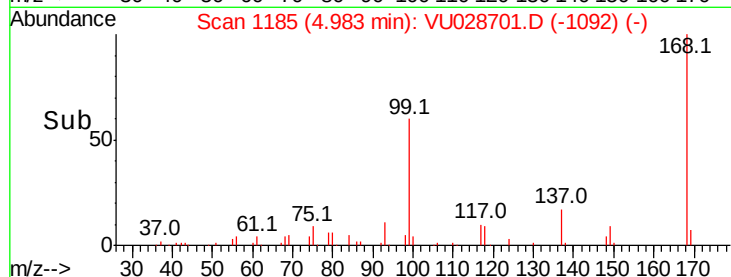
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.643 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028701.D

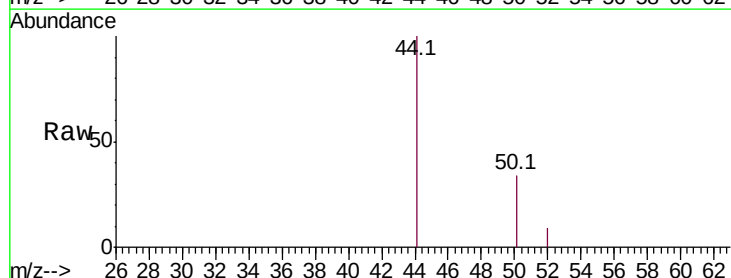
Acq: 14 Dec 2018 22:29

Tgt Ion: 50 Resp: 1190

Ion Ratio Lower Upper

50 100

52 27.4 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) (-)

1.33

1000

800

600

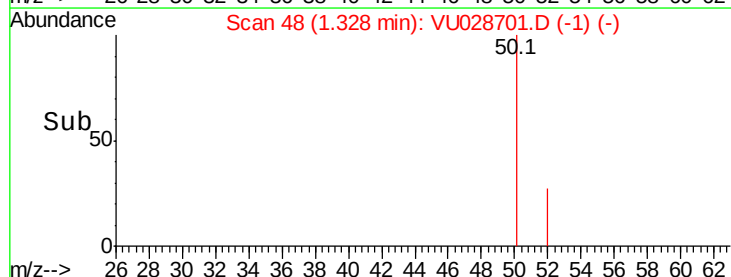
400

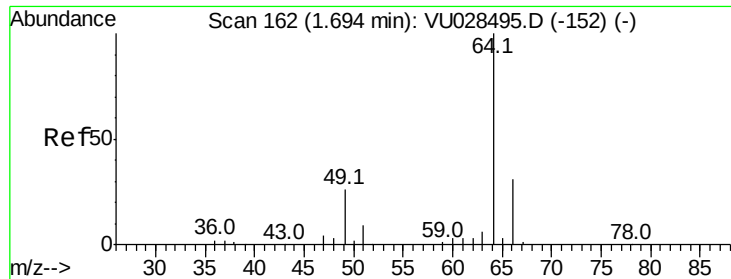
200

0

1.30 1.35

Time-->





#6

Chloroethane

Concen: 0.444 ug/l

RT: 1.69 min Scan# 160

Delta R.T. -0.01 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

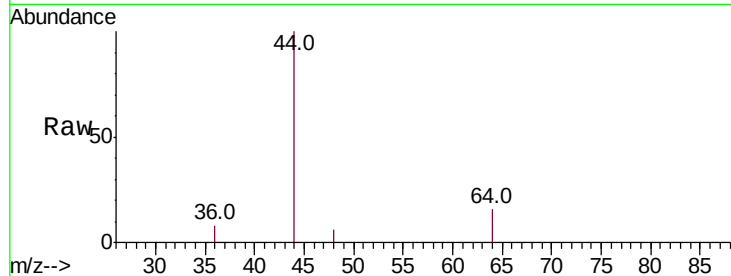
ClientSampleId :

Tot Ion: 64 Resp: 336

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

300

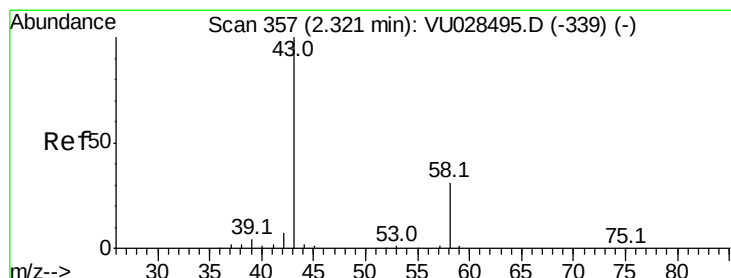
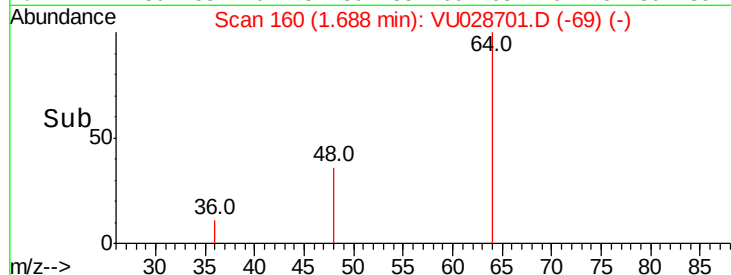
200

100

0

1.65 1.70

Time-->



#16

Acetone

Concen: 0.753 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028701.D

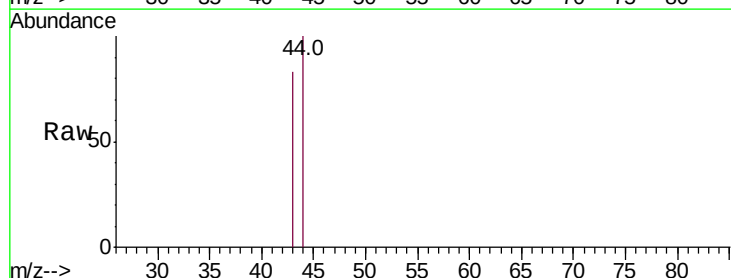
Acq: 14 Dec 2018 22:29

Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

400

300

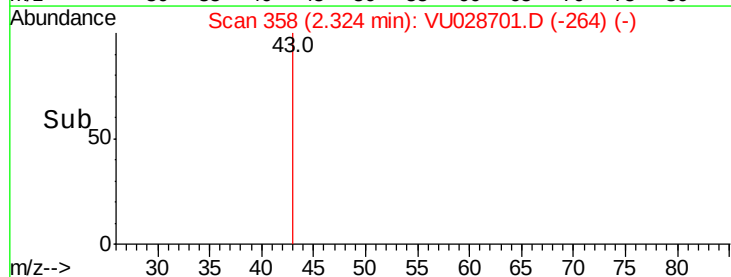
200

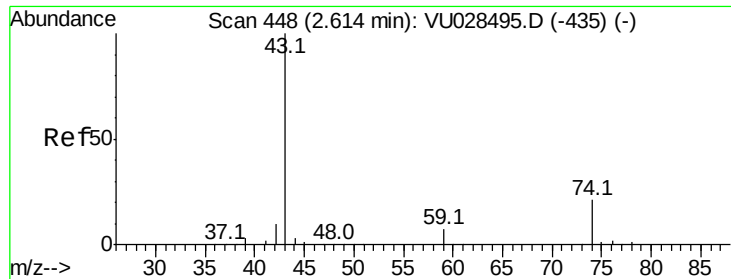
100

0

2.28 2.30 2.32 2.34 2.36

Time-->

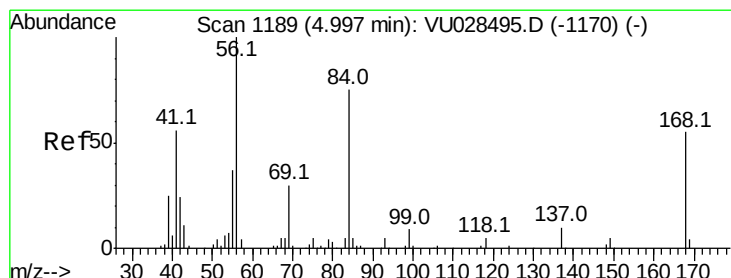
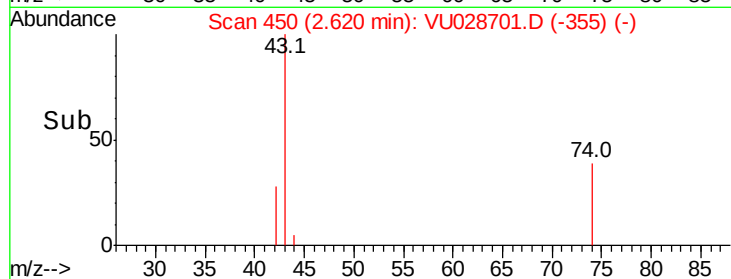
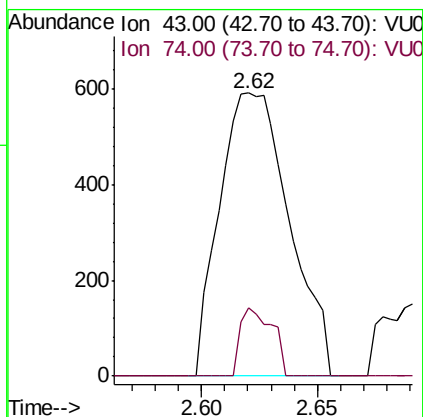
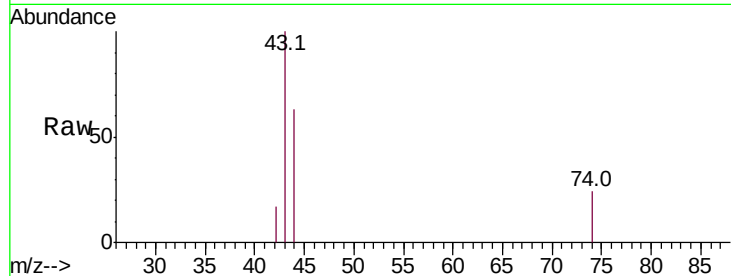




#18
Methvl Acetate
Concen: 0.640 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

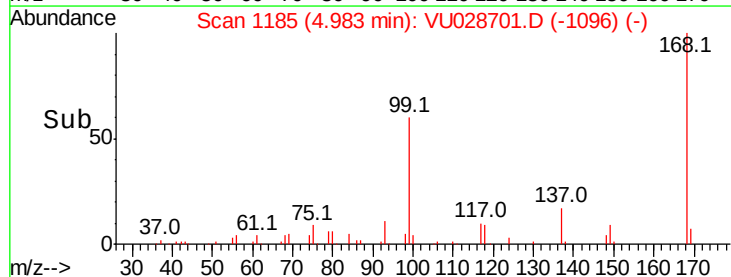
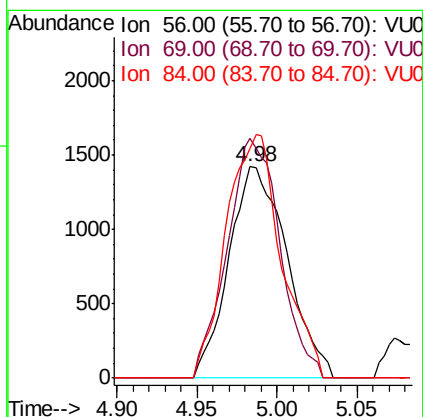
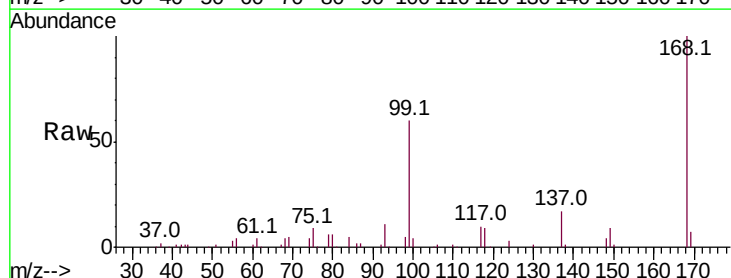
Instrument :
MSVOA_U
ClientSampleId :

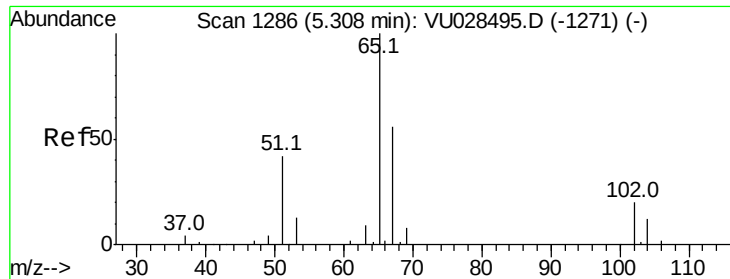
Tot Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
74 11.0 16.4 24.6#



#31
Cyclohexane
Concen: 0.616 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion: 56 Resp: 3533
Ion Ratio Lower Upper
56 100
69 113.6 24.0 36.0#
84 108.8 59.7 89.5#

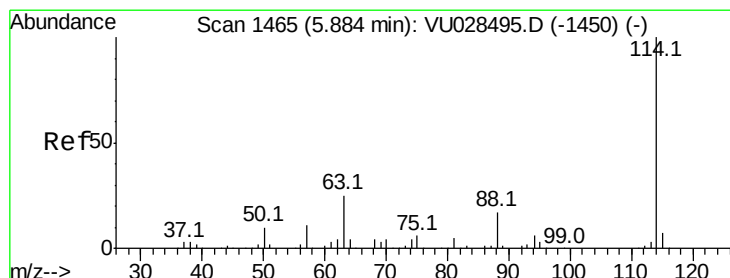
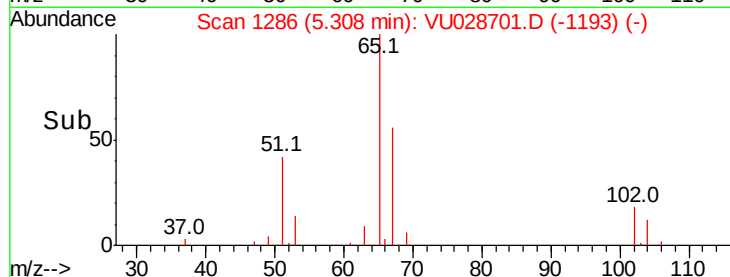
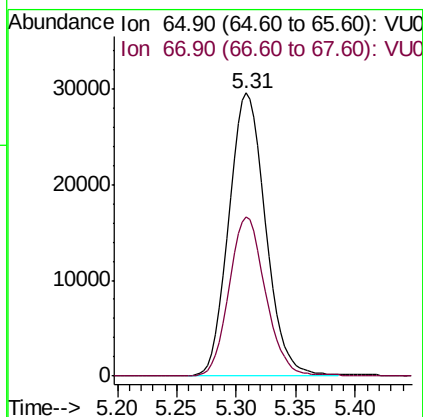
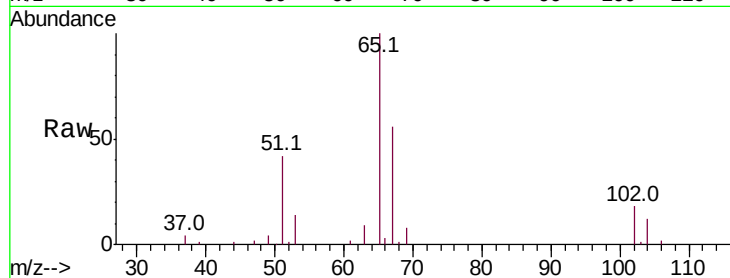




#33
 1,2-Dichloroethane-d4
 Concen: 55.250 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

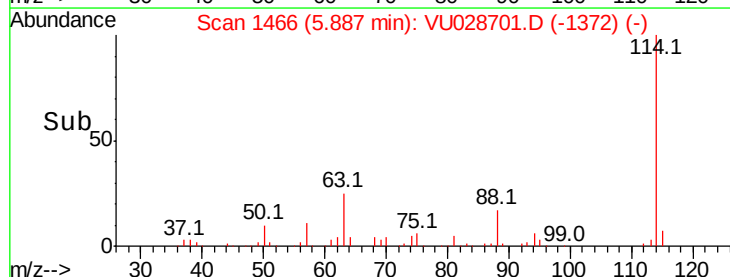
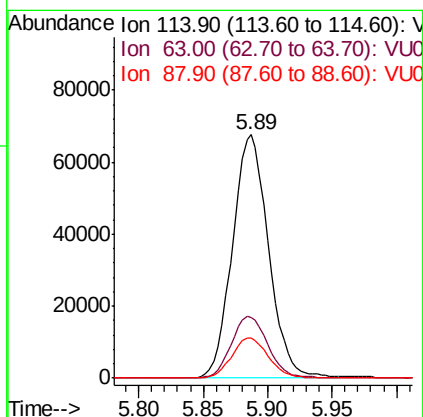
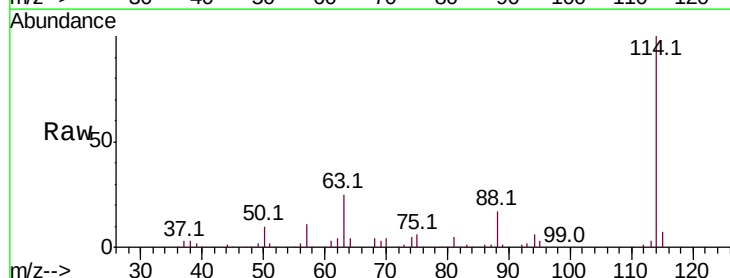
Instrument :
 MSVOA_U
 ClientSampleId :

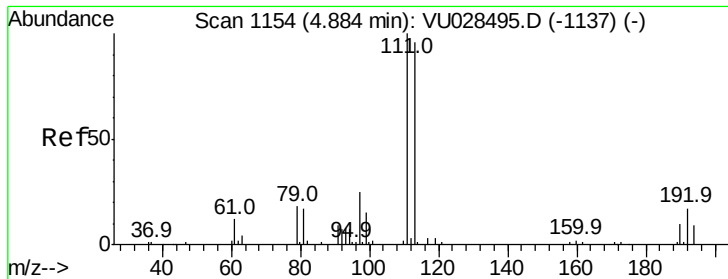
Tot Ion: 65 Resp: 63326
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Tgt Ion:114 Resp: 131440
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.6 0.0 33.4

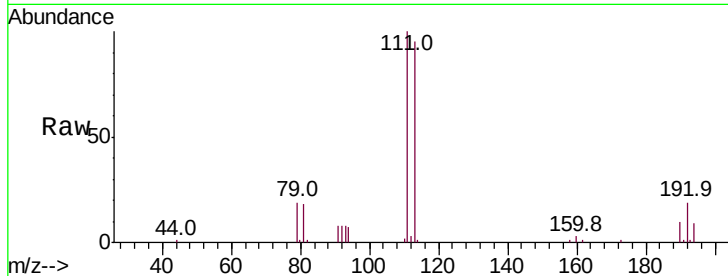




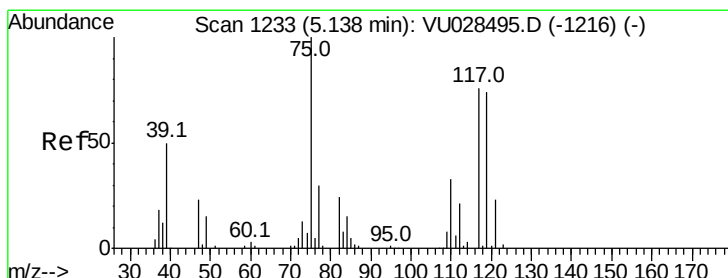
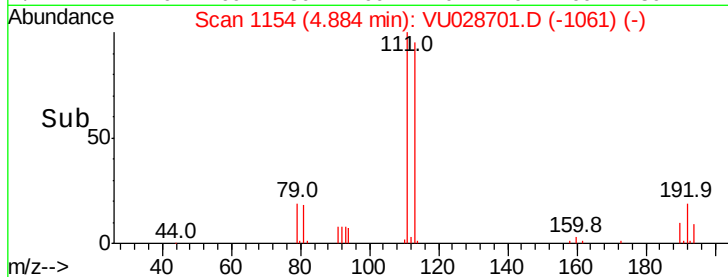
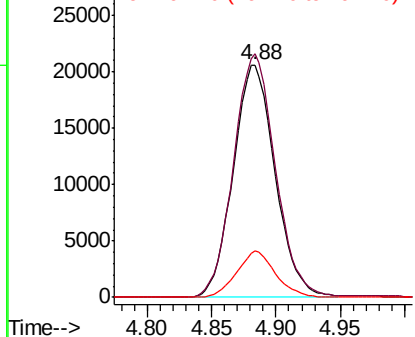
#35
 Dibromofluoromethane
 Concen: 56.338 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:113 Resp: 46601
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.4 125.0
 192 18.3 14.8 22.2

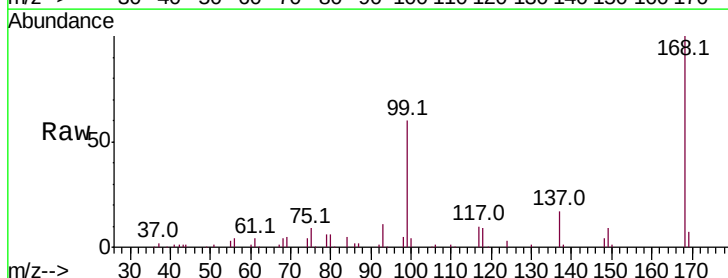


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

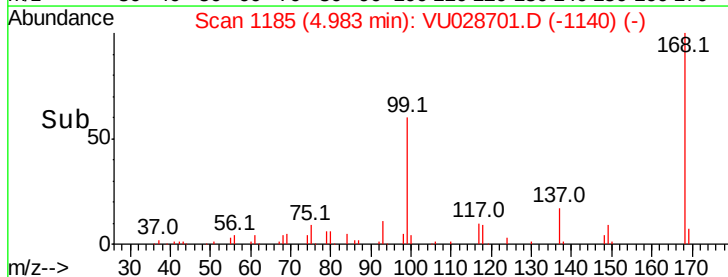
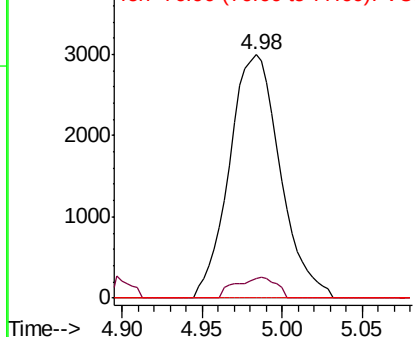


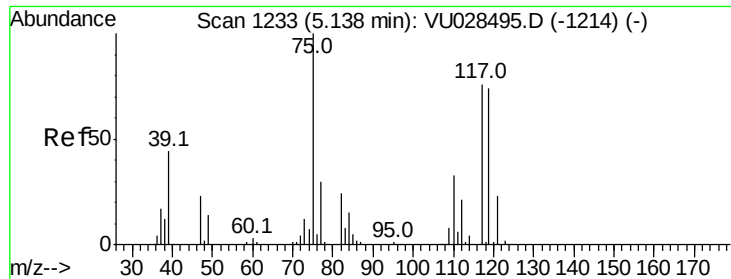
#36
 1,1-Dichloropropene
 Concen: 4.518 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Tgt Ion: 75 Resp: 6499
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.1 48.2#
 77 0.0 24.5 36.7#



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: 6.443 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :
MSVOA_U
ClientSampleId :

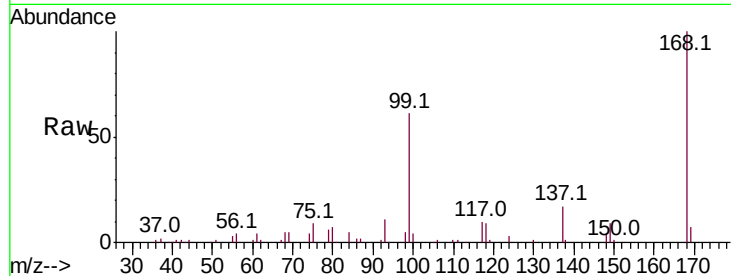
Tot Ion:117 Resp: 7469

Ion Ratio Lower Upper

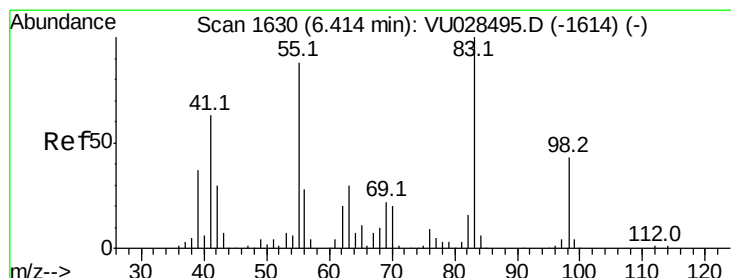
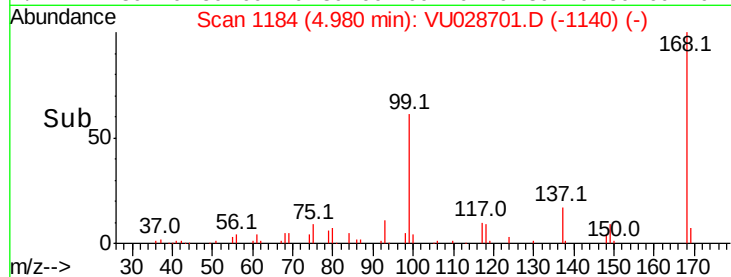
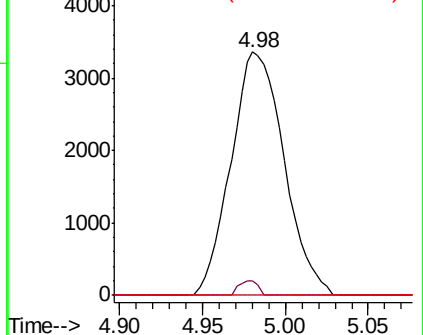
117 100

119 5.8 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: 1.760 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

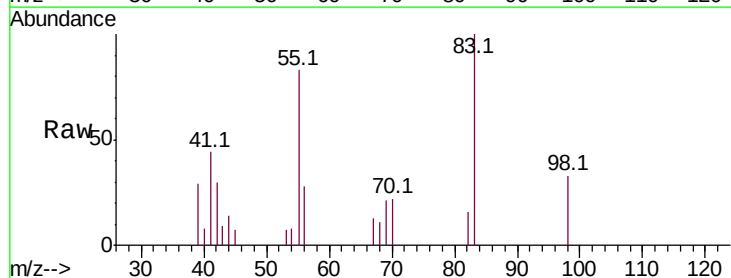
Tgt Ion: 83 Resp: 3088

Ion Ratio Lower Upper

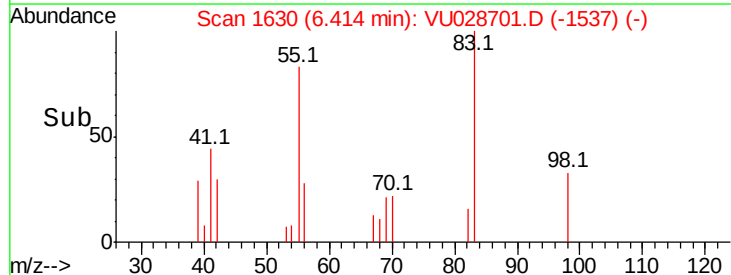
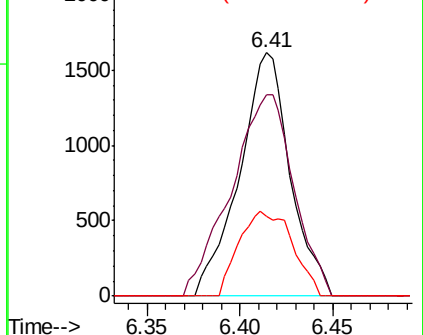
83 100

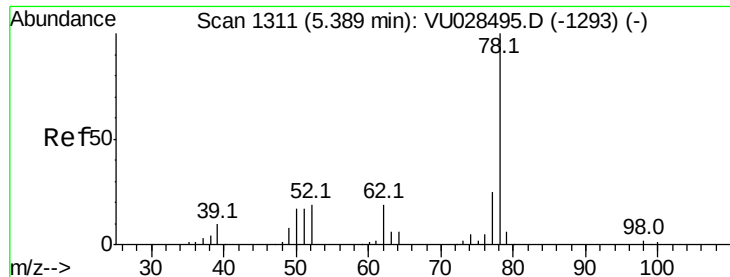
55 82.8 70.2 105.2

98 32.7 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





#40

Benzene

Concen: 0.319 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

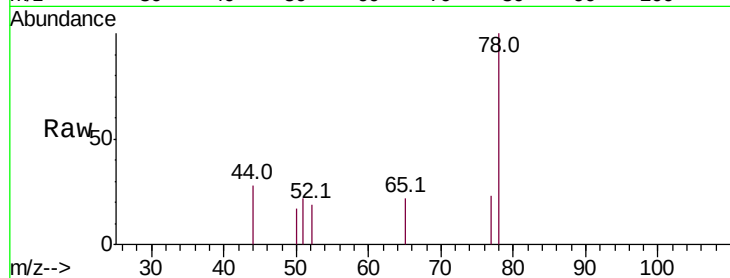
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 1351

Ion Ratio Lower Upper

78 100

77 22.7 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

600

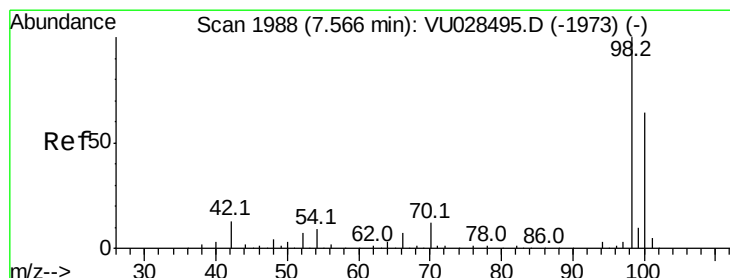
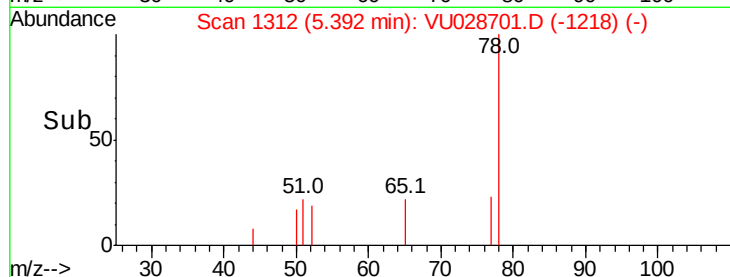
400

200

0

5.35 5.40 5.45

Time-->



#50

Toluene-d8

Concen: 54.034 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028701.D

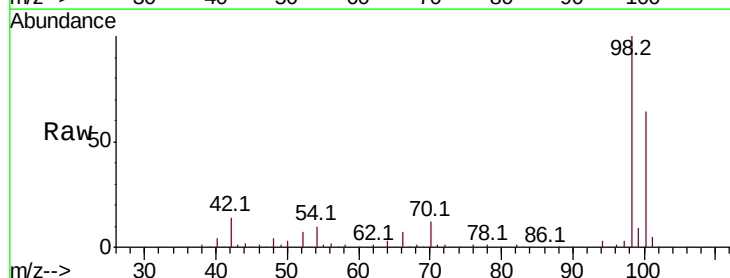
Acq: 14 Dec 2018 22:29

Tgt Ion: 98 Resp: 176806

Ion Ratio Lower Upper

98 100

100 62.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57

120000

100000

80000

60000

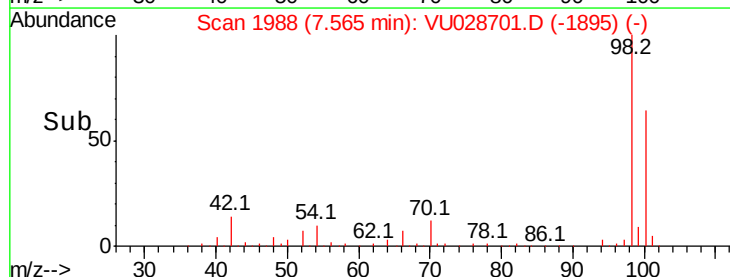
40000

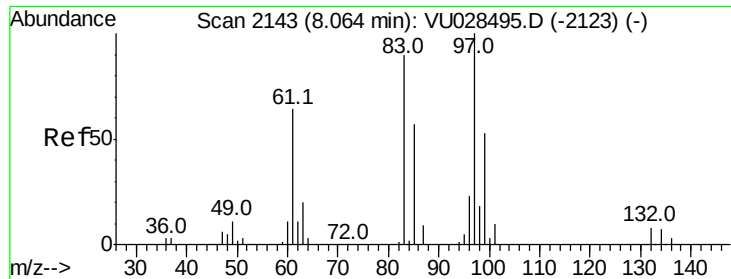
20000

0

7.50 7.60 7.70

Time-->

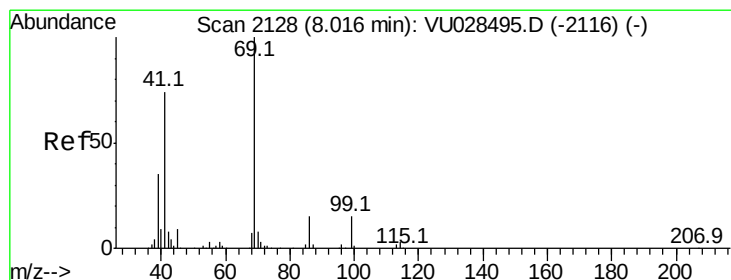
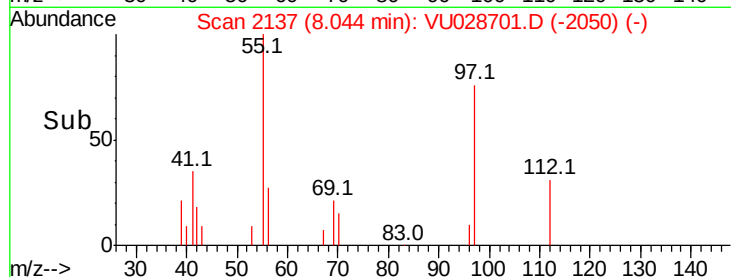
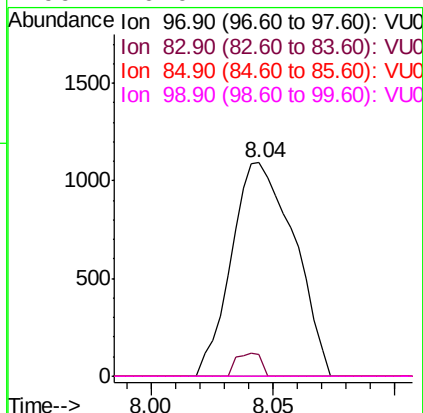
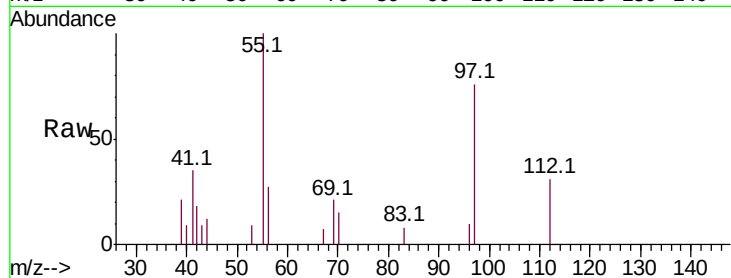




#55
1,1,2-Trichloroethane
Concen: 1.985 ug/l
RT: 8.04 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

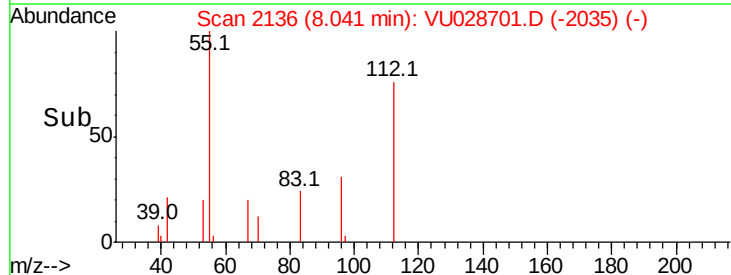
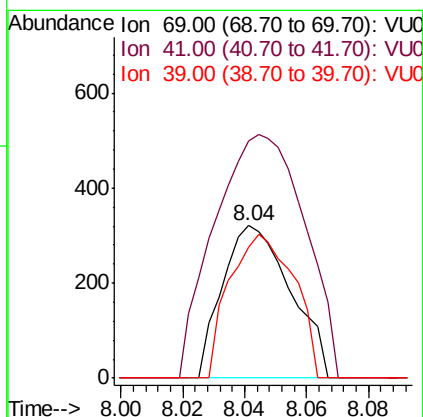
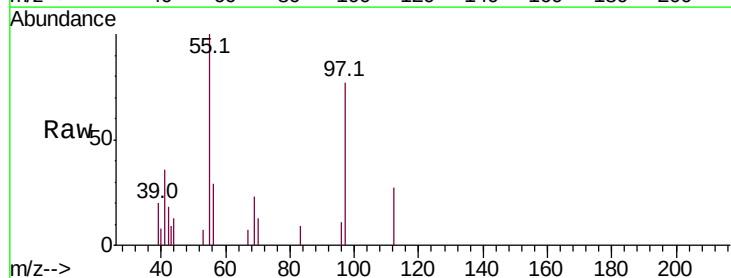
Instrument :
MSVOA_U
ClientSampleId :

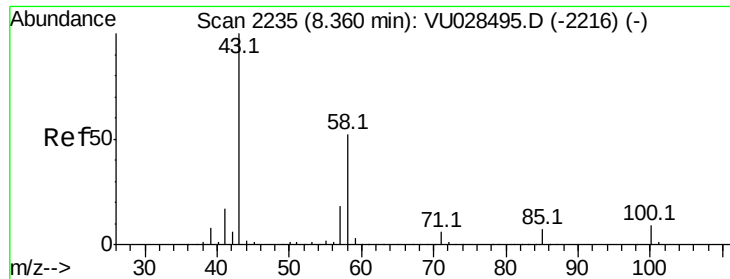
Tot Ion: 97 Resp: 1956
Ion Ratio Lower Upper
97 100
83 10.1 72.4 108.6#
85 0.0 46.0 69.0#
99 0.0 47.4 71.2#



#56
Ethyl methacrylate
Concen: 0.292 ug/l
RT: 8.04 min Scan# 2136
Delta R.T. 0.03 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion: 69 Resp: 493
Ion Ratio Lower Upper
69 100
41 210.1 59.1 88.7#
39 89.5 28.4 42.6#

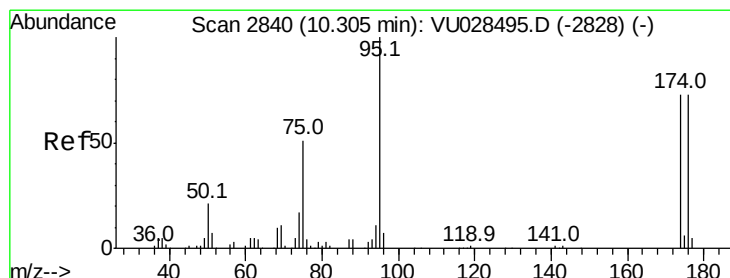
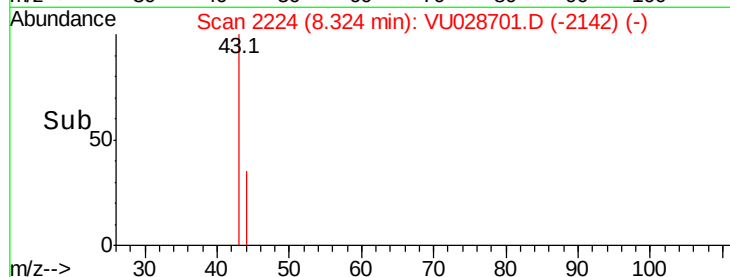
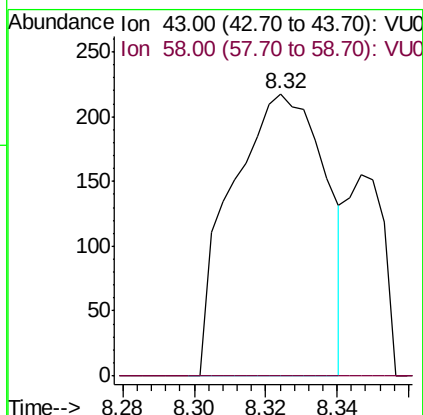
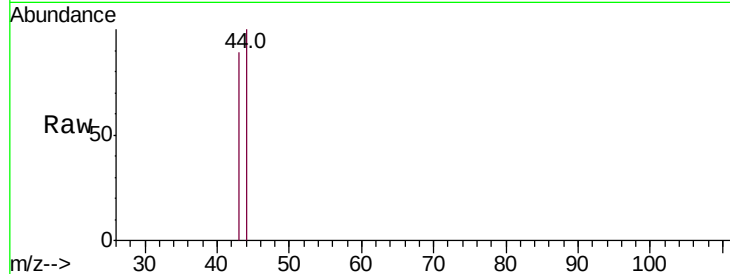




#59
2-Hexanone
Concen: 0.269 ug/l
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

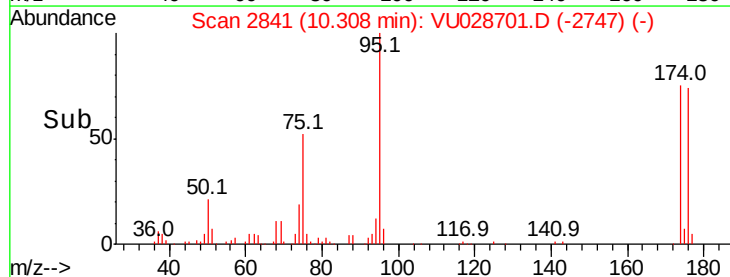
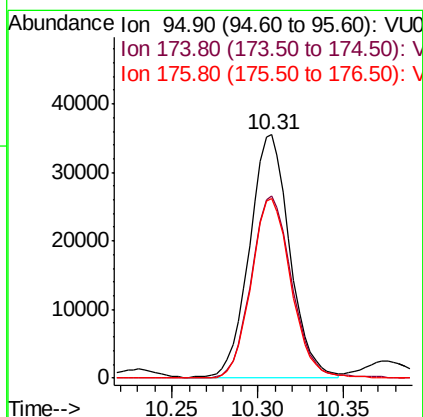
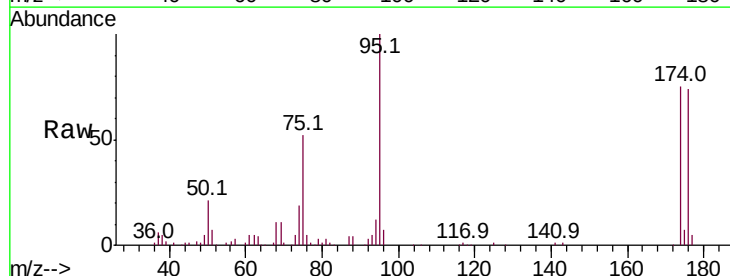
Instrument :
MSVOA_U
ClientSampleId :

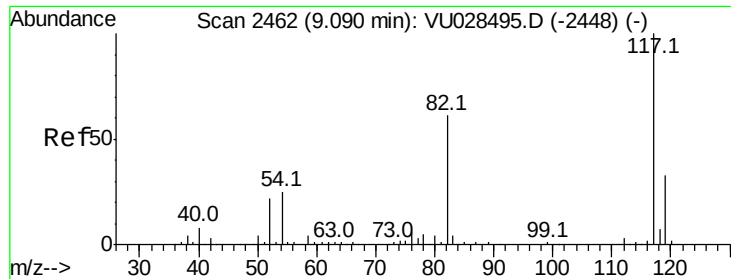
Tot Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 46.726 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion: 95 Resp: 57146
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 73.5 0.0 145.2

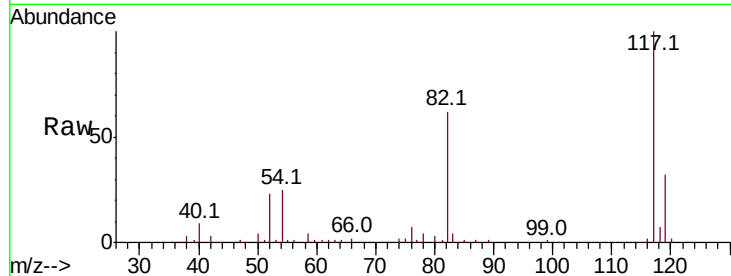




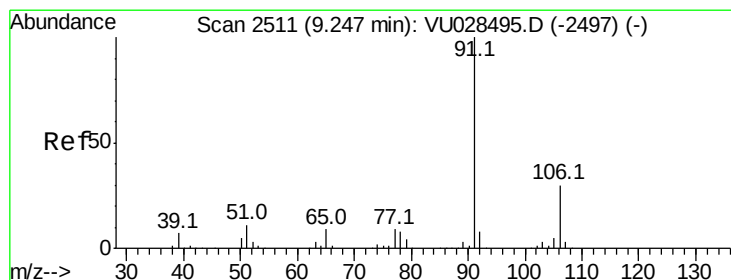
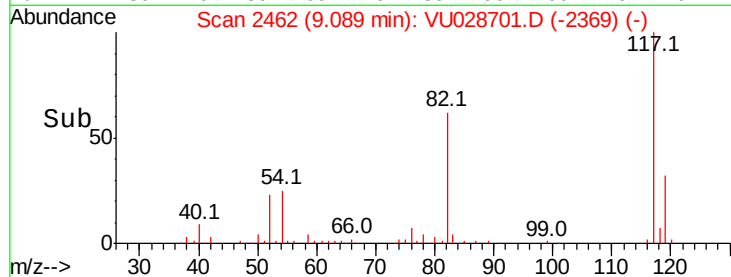
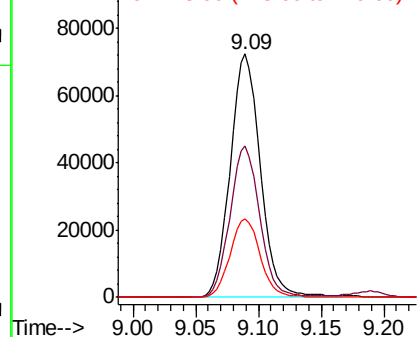
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 120936
Ion Ratio Lower Upper
117 100
82 62.0 48.9 73.3
119 32.4 26.2 39.4

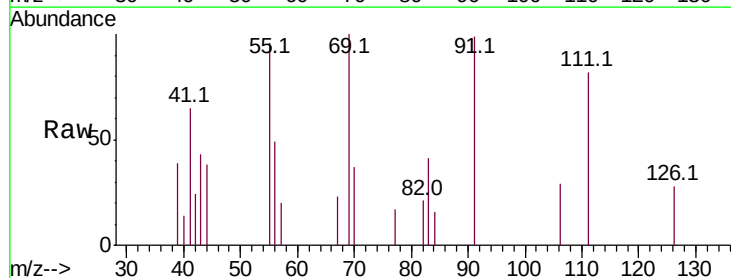


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

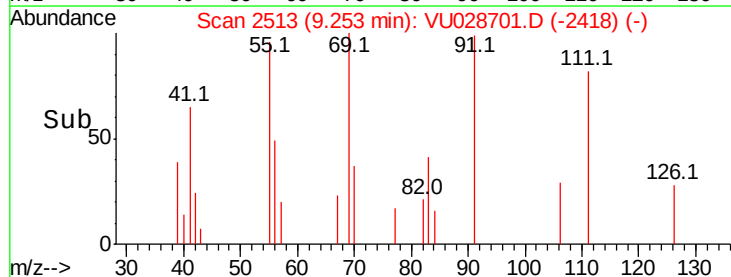
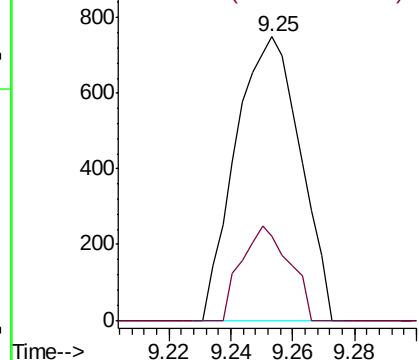


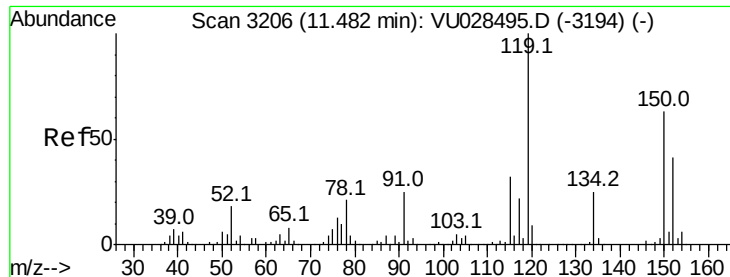
#67
Ethyl Benzene
Concen: 0.229 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion: 91 Resp: 1087
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



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

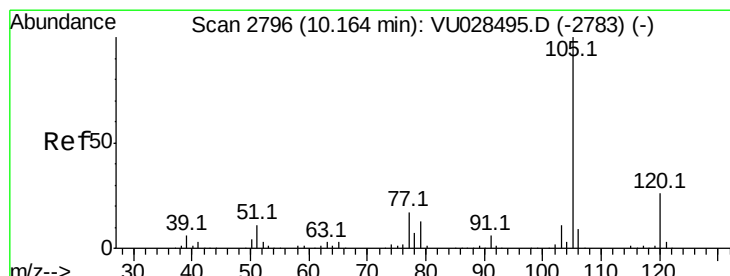
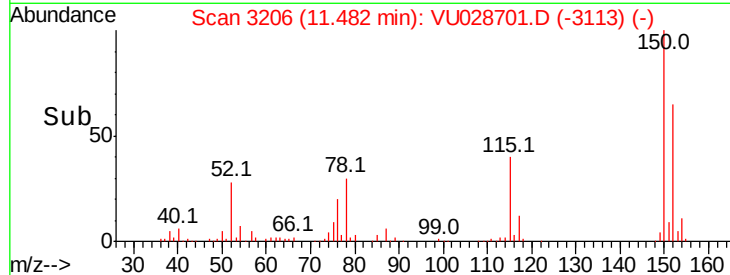
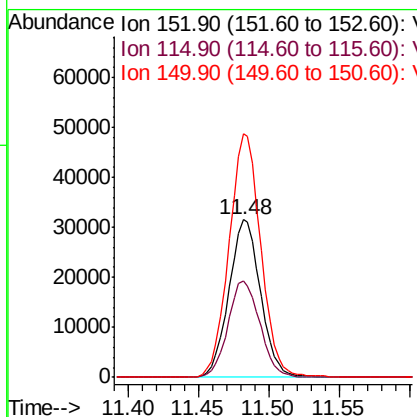
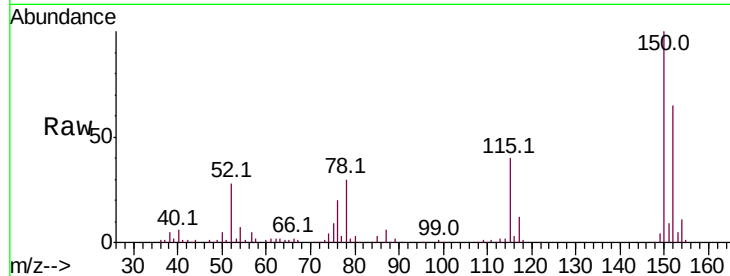




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

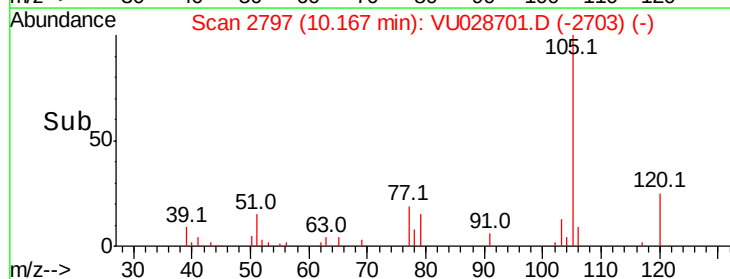
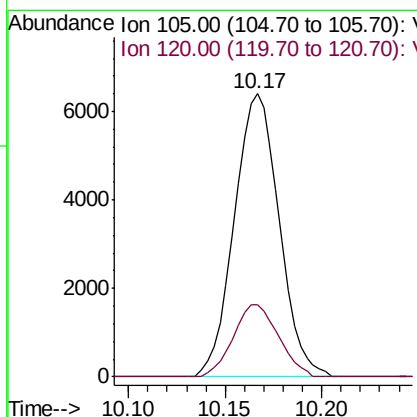
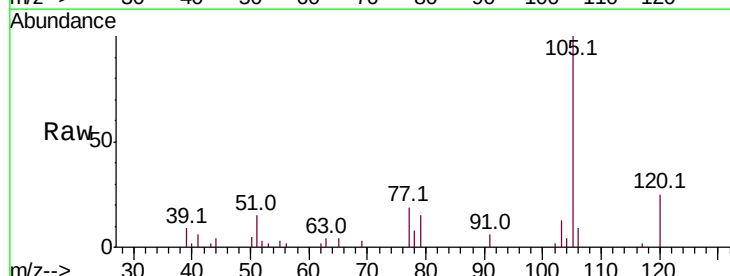
Instrument :
 MSVOA_U
 ClientSampled :

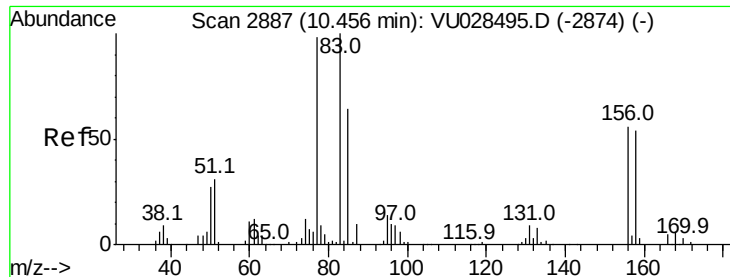
Tot Ion:152 Resp: 49475
 Ion Ratio Lower Upper
 152 100
 115 61.6 42.7 128.1
 150 155.1 0.0 346.0



#73
 Isopropylbenzene
 Concen: 2.720 ug/l
 RT: 10.17 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Tgt Ion:105 Resp: 10327
 Ion Ratio Lower Upper
 105 100
 120 25.7 12.9 38.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.830 ug/l

RT: 10.49 min Scan# 2897

Delta R.T. 0.03 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

ClientSampled :

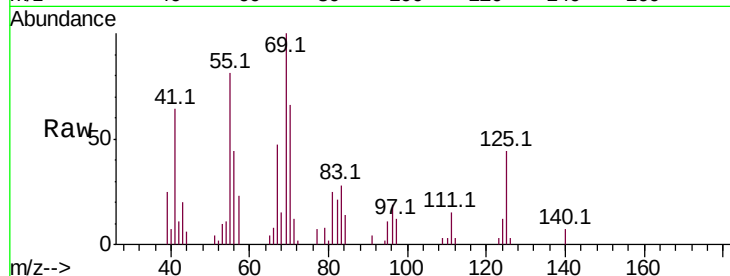
Tot Ion: 83 Resp: 2669

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

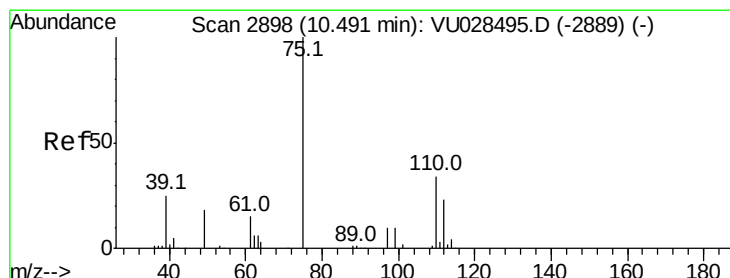
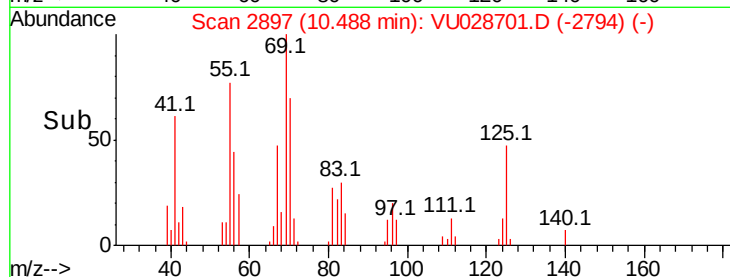
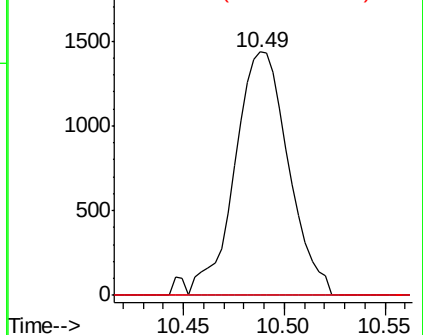
85 0.0 31.8 95.4#



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: 23.641 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028701.D

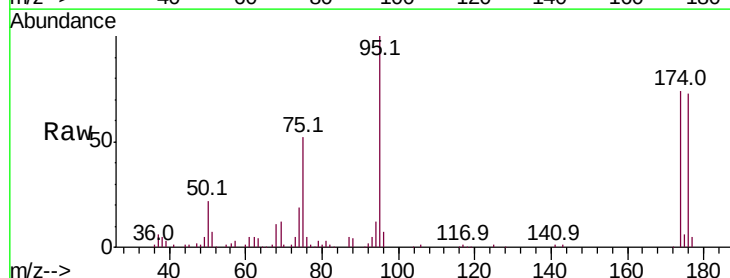
Acq: 14 Dec 2018 22:29

Tgt Ion: 75 Resp: 29867

Ion Ratio Lower Upper

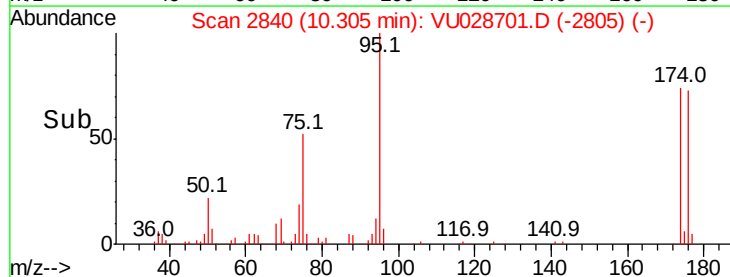
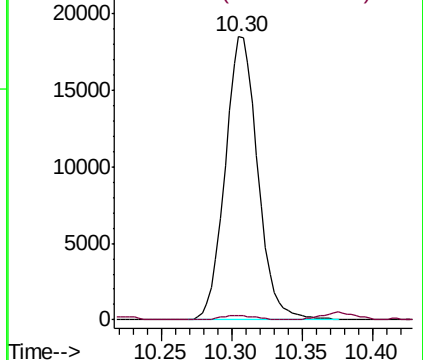
75 100

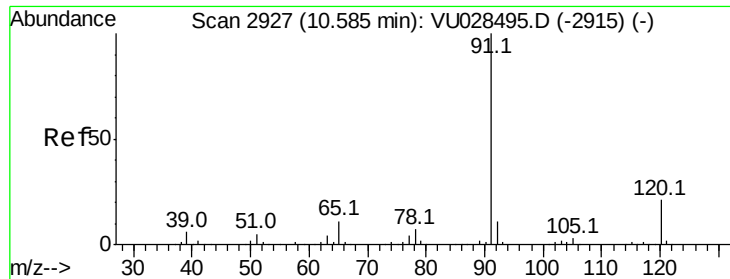
77 1.6 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 4.017 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

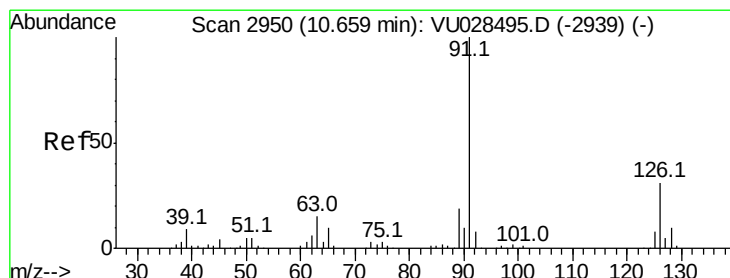
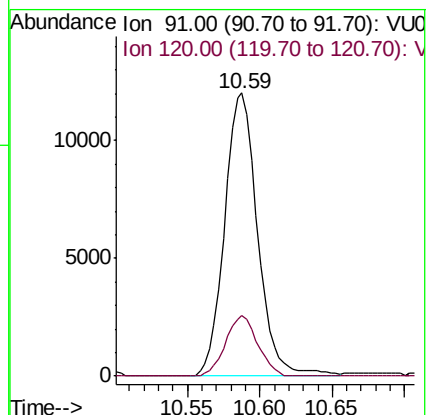
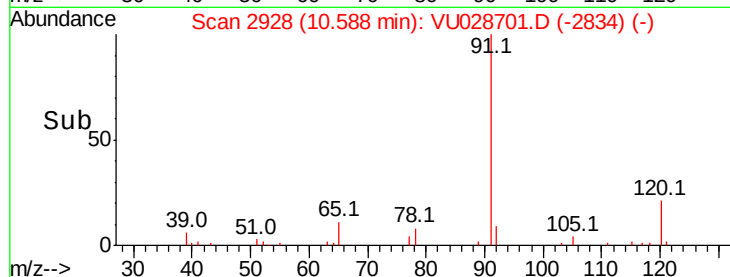
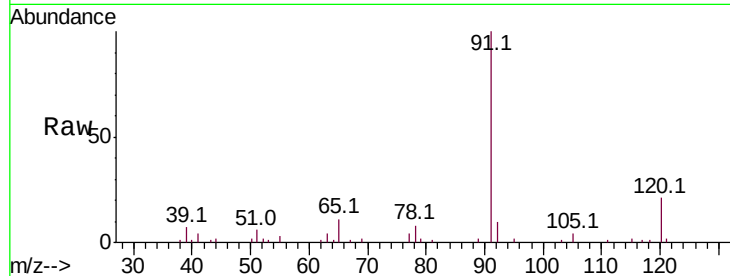
ClientSampleId :

Tot Ion: 91 Resp: 18950

Ion Ratio Lower Upper

91 100

120 20.6 10.6 31.8



#79

2-Chlorotoluene

Concen: 6.974 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU028701.D

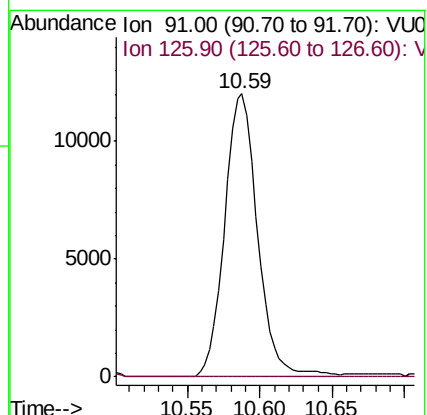
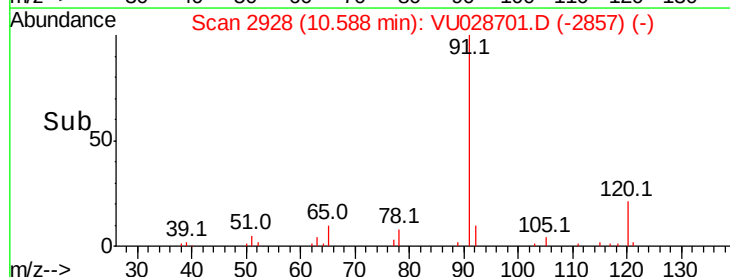
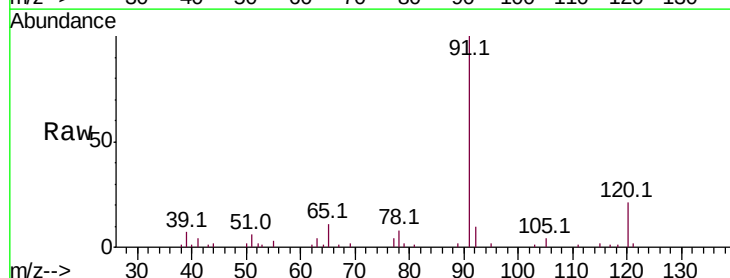
Acq: 14 Dec 2018 22:29

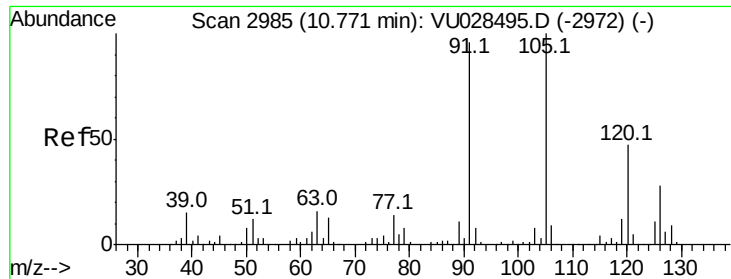
Tgt Ion: 91 Resp: 18950

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.209 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.19 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

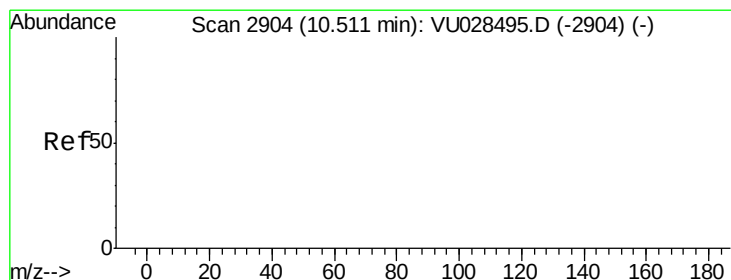
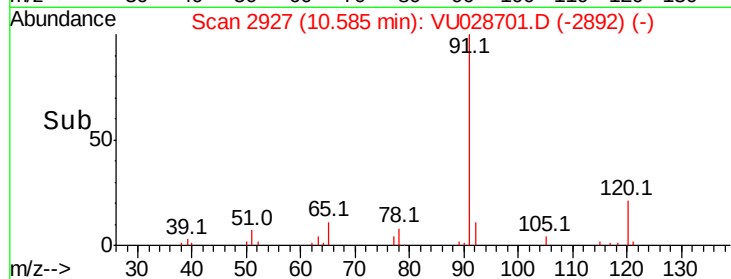
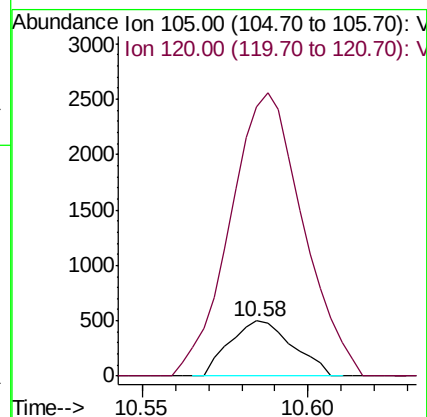
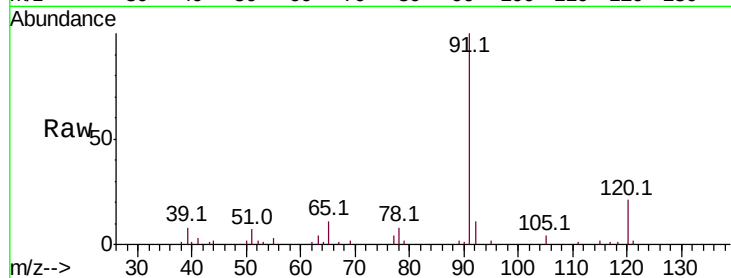
ClientSampleId :

Tot Ion:105 Resp: 657

Ion Ratio Lower Upper

105 100

120 594.7 23.7 71.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.041 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

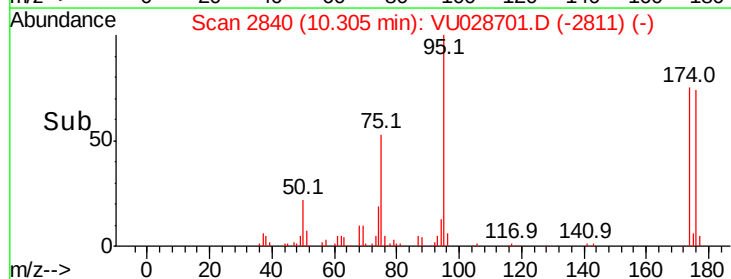
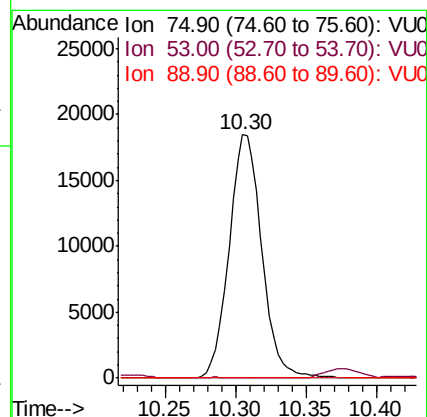
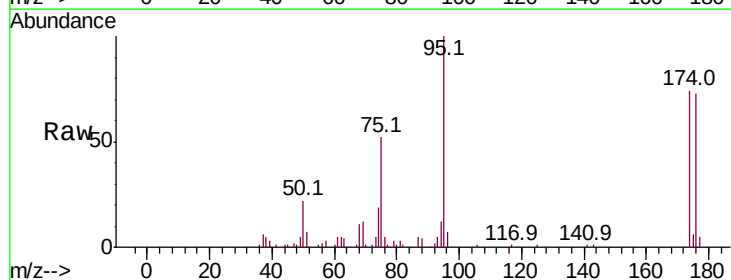
Tgt Ion: 75 Resp: 29867

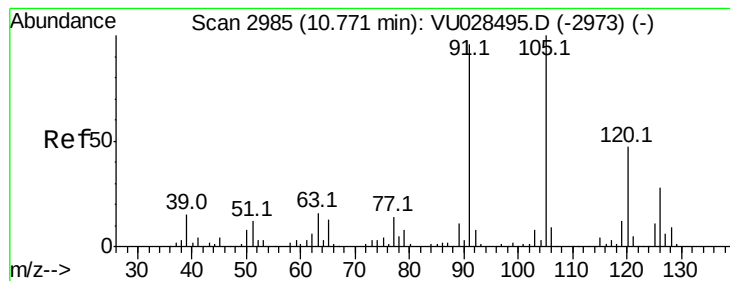
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 5.885 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.18 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

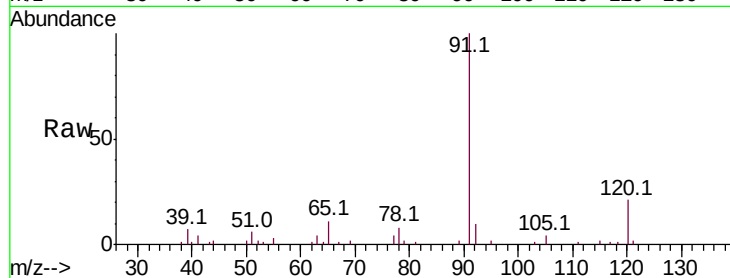
ClientSampleId :

Tot Ion: 91 Resp: 18950

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2973) (-)

Ion 125.90 (125.60 to 126.60): VU028495.D (-2973) (-)

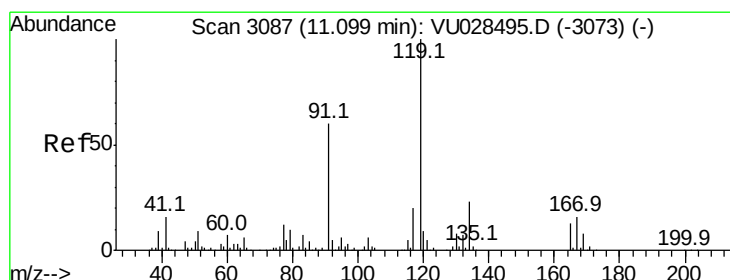
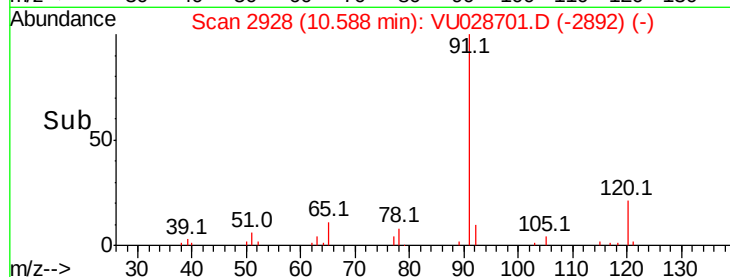
10.59

10000

5000

0

Time-->



#83

tert-Butylbenzene

Concen: 2.379 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

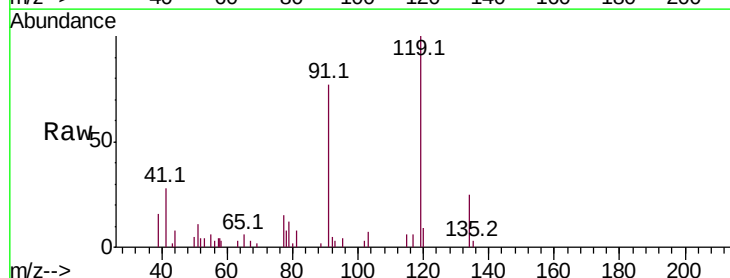
Tgt Ion: 119 Resp: 7206

Ion Ratio Lower Upper

119 100

91 71.5 30.3 91.0

134 23.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): VU028495.D (-3073) (-)

Ion 91.00 (90.70 to 91.70): VU028495.D (-3073) (-)

Ion 134.00 (133.70 to 134.70): VU028495.D (-3073) (-)

6000

5000

4000

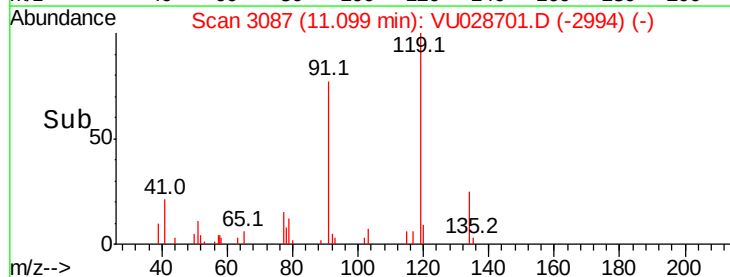
3000

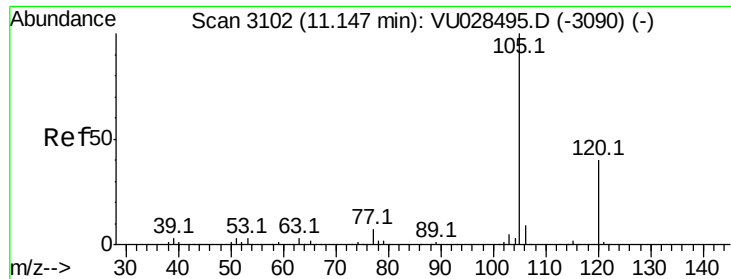
2000

1000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 4.983 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.18 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

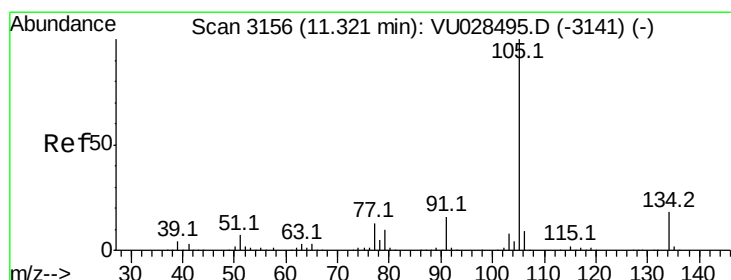
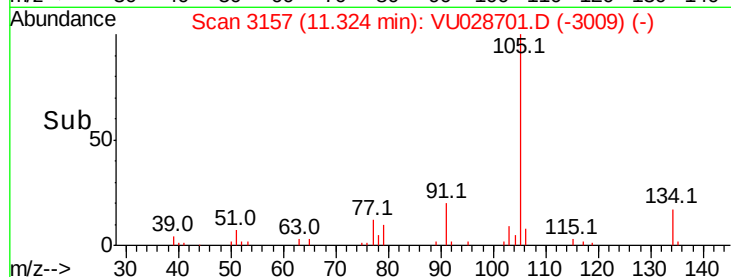
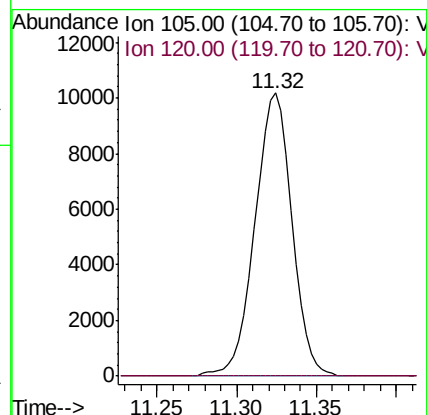
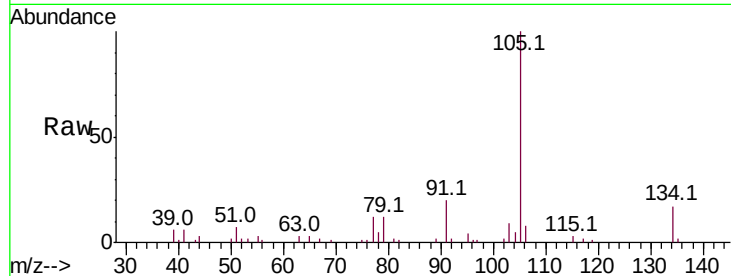
ClientSampleId :

Tot Ion:105 Resp: 16137

Ion Ratio Lower Upper

105 100

120 0.0 21.8 65.4#



#85

sec-Butylbenzene

Concen: 4.147 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU028701.D

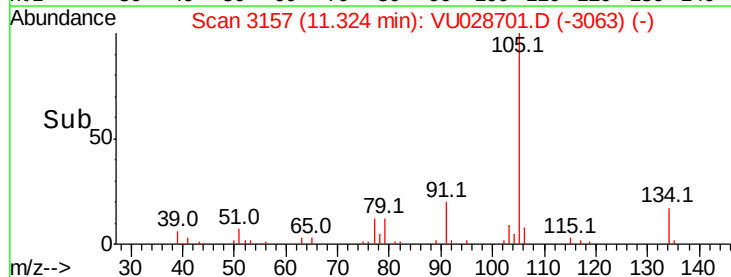
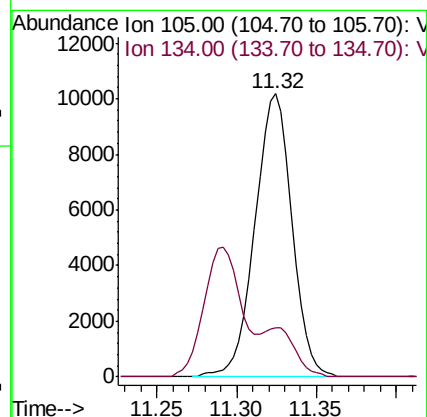
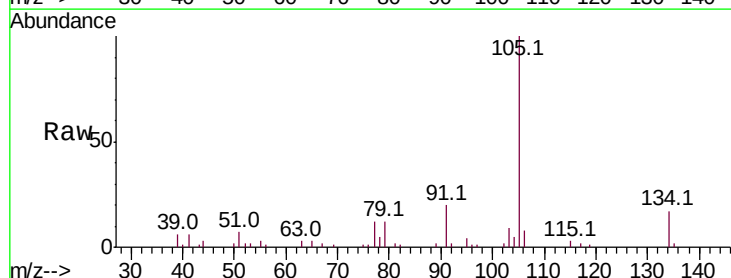
Acq: 14 Dec 2018 22:29

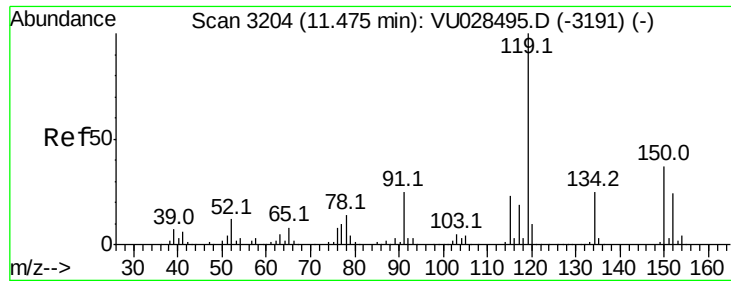
Tgt Ion:105 Resp: 16137

Ion Ratio Lower Upper

105 100

134 0.0 9.2 27.6#

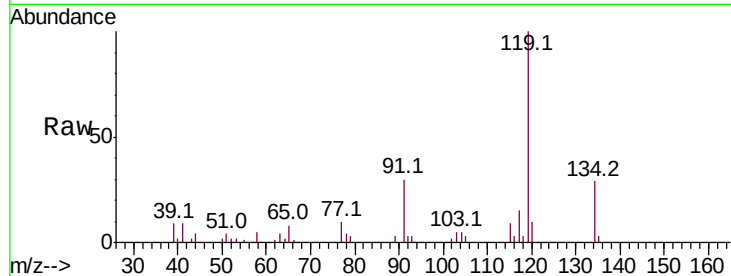




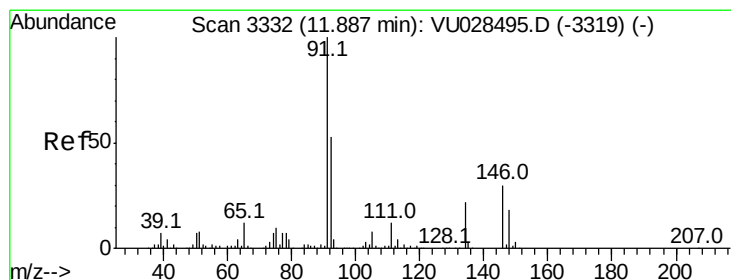
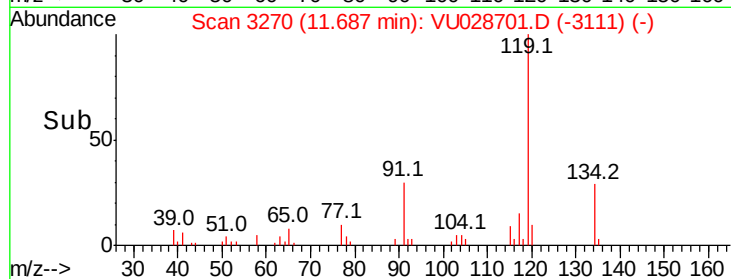
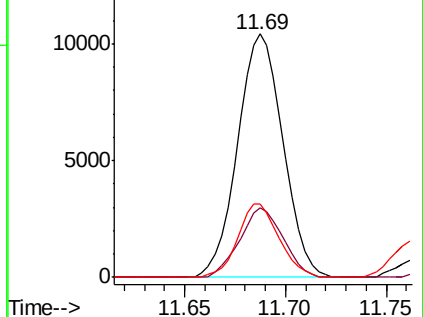
#86
 p-Isopropyltoluene
 Concen: 4.965 ug/l
 RT: 11.69 min Scan# 3270
 Delta R.T. 0.21 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 119 Resp: 16413
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.7 38.1
 91 27.4 12.6 37.6

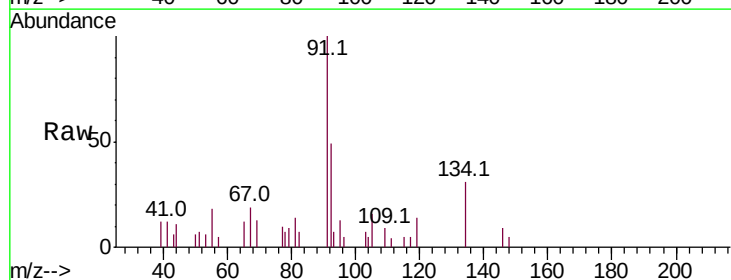


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

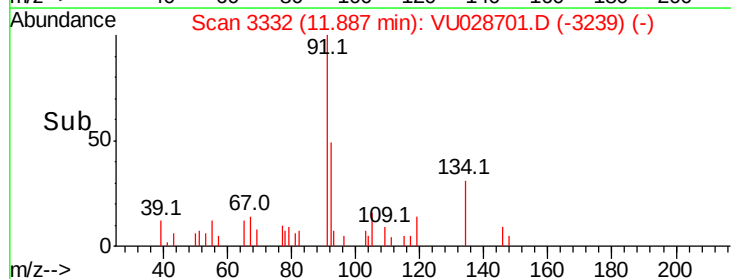
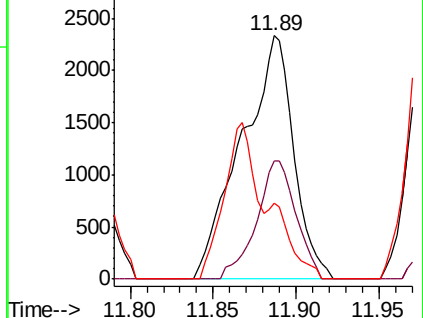


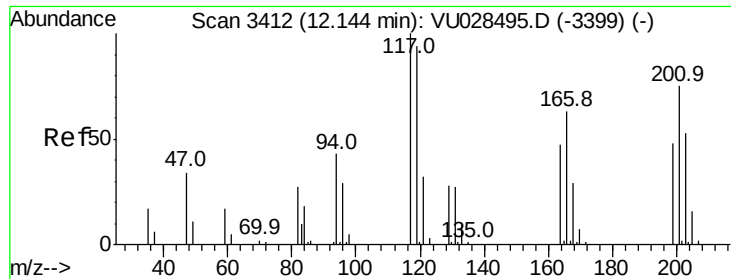
#89
 n-Butylbenzene
 Concen: 1.536 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Tgt Ion: 91 Resp: 5138
 Ion Ratio Lower Upper
 91 100
 92 36.6 26.3 78.9
 134 38.5 11.3 33.8#



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





#90

Hexachloroethane

Concen: 30.009 ug/l

RT: 12.28 min Scan# 3455

Delta R.T. 0.14 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

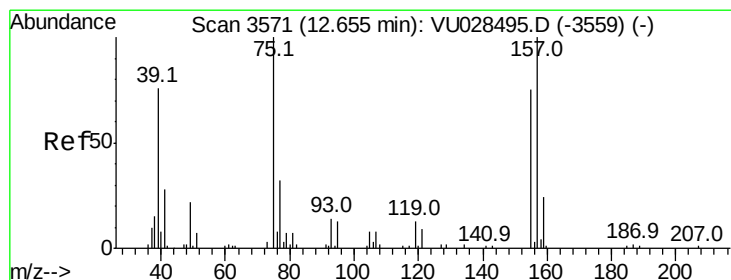
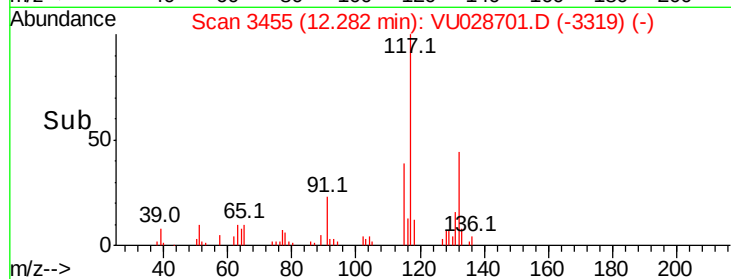
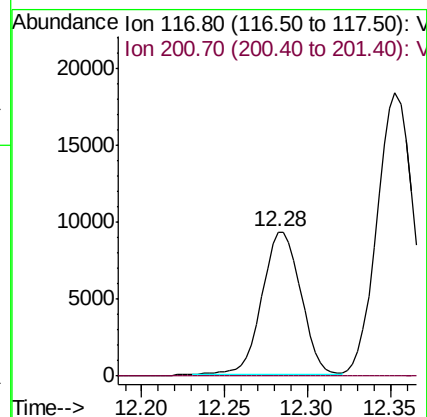
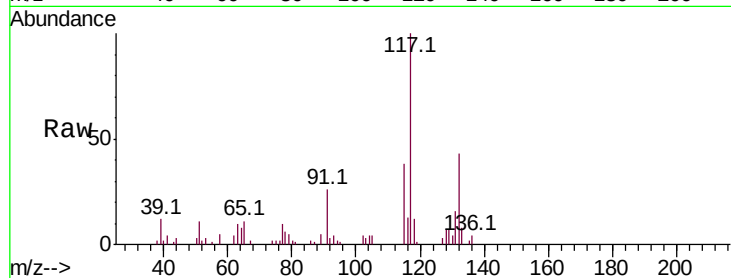
ClientSampleId :

Tot Ion:117 Resp: 14993

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.247 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Tgt Ion: 75 Resp: 78

Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

157 0.0 48.7 146.1#

