

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028705.D
 Acq On : 15 Dec 2018 00:06
 Operator : MD/SY
 Sample : J6395-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 02:45:14 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	4.98	168	73896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132866	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	123125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51274	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	63506	56.31	ug/l	0.00
Spiked Amount			Recovery	=	112.62%	
35) Dibromofluoromethane	4.88	113	46266	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
50) Toluene-d8	7.57	98	174434	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	10.31	95	58554	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	

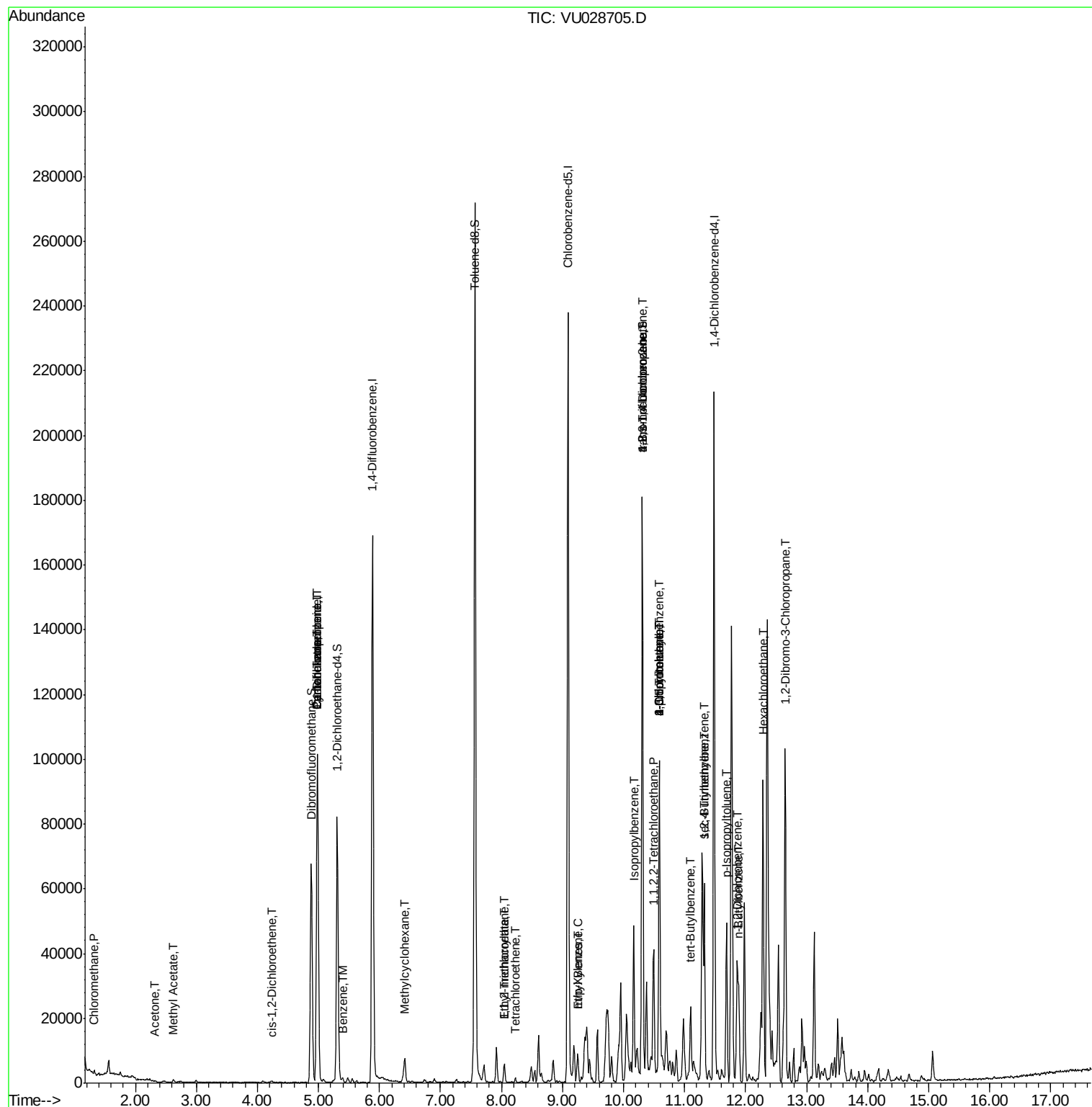
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	997	0.548	ug/l	92
16) Acetone	2.32	43	495	0.673	ug/l #	44
18) Methyl Acetate	2.62	43	1431	0.750	ug/l #	72
27) cis-1,2-Dichloroethene	4.23	96	288	0.275	ug/l	78
31) Cyclohexane	4.99	56	3224	0.482	ug/l #	40
36) 1,1-Dichloropropene	4.98	75	6669	4.587	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7231	6.170	ug/l #	14
39) Methylcyclohexane	6.41	83	3004	1.694	ug/l #	94
40) Benzene	5.40	78	1558	0.364	ug/l #	82
55) 1,1,2-Trichloroethane	8.05	97	2089	2.097	ug/l #	14
56) Ethyl methacrylate	8.05	69	422	0.247	ug/l #	1
64) Tetrachloroethene	8.23	164	250	0.304	ug/l #	65
67) Ethyl Benzene	9.25	91	2862	0.593	ug/l	92
68) m/p-Xylenes	9.25	106	682	0.389	ug/l #	1
73) Isopropylbenzene	10.17	105	30057	7.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.49	83	2697	1.784	ug/l #	25
76) 1,2,3-Trichloropropane	10.30	75	31117	23.766	ug/l #	36
78) n-propylbenzene	10.58	91	74545	15.248	ug/l	98
79) 2-Chlorotoluene	10.58	91	74545	26.471	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.59	105	2379	0.730	ug/l #	1
81) trans-1,4-Dichloro-2-buten	10.30	75	31117	58.345	ug/l #	100
82) 4-Chlorotoluene	10.58	91	74545	22.338	ug/l #	47
83) tert-Butylbenzene	11.10	119	9083	2.893	ug/l	85
84) 1,2,4-Trimethylbenzene	11.32	105	38237	11.392	ug/l #	32
85) sec-Butylbenzene	11.32	105	38237	9.482	ug/l	96
86) p-Isopropyltoluene	11.69	119	24959	7.286	ug/l	95
89) n-Butylbenzene	11.89	91	16618	4.793	ug/l #	75
90) Hexachloroethane	12.29	117	36536	70.563	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	953	0.548	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.65	75	342	1.045	ug/l #	6

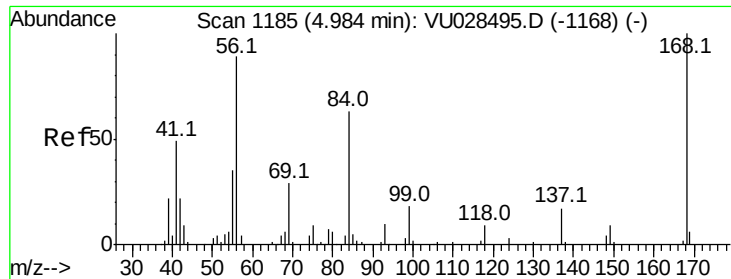
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

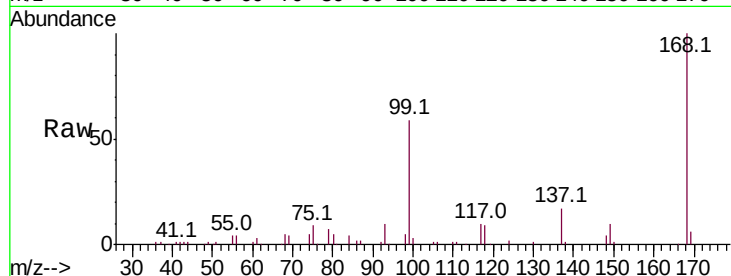
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 73896

Ion Ratio Lower Upper

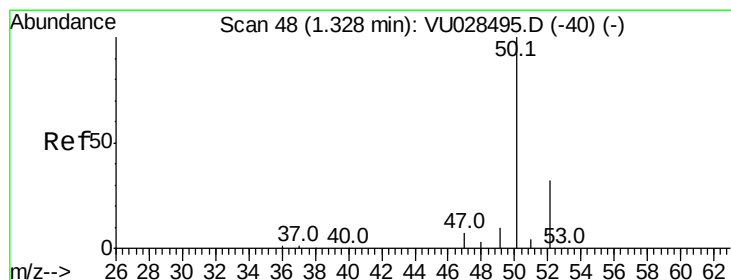
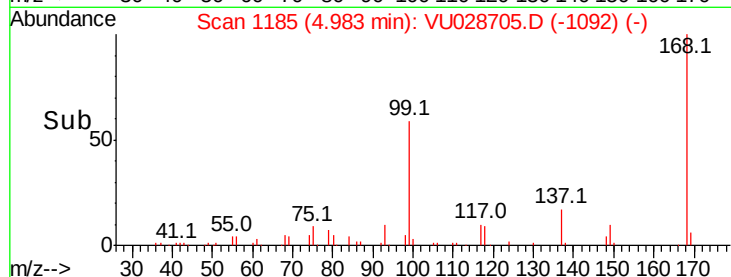
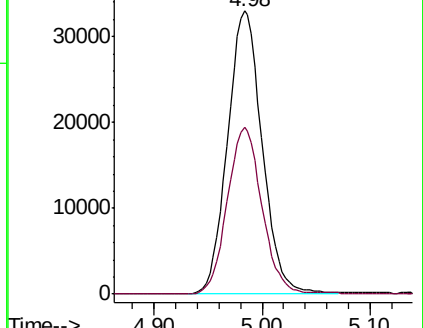
168 100

99 58.9 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) (-)



#3

Chloromethane

Concen: 0.548 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028705.D

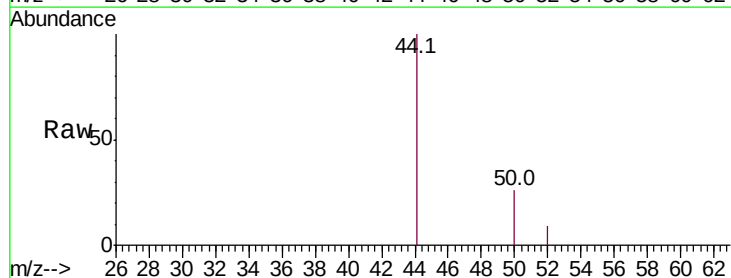
Acq: 15 Dec 2018 00:06

Tgt Ion: 50 Resp: 997

Ion Ratio Lower Upper

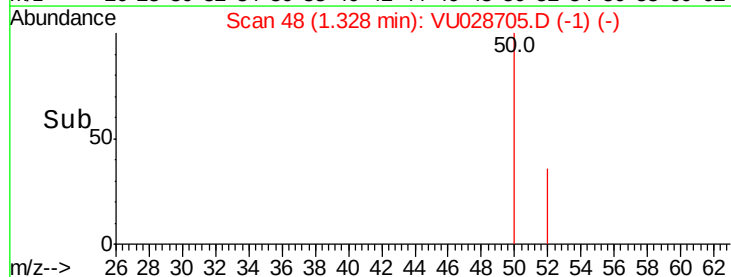
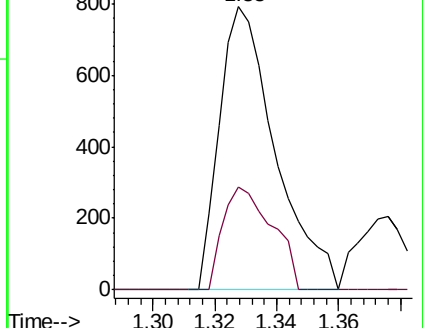
50 100

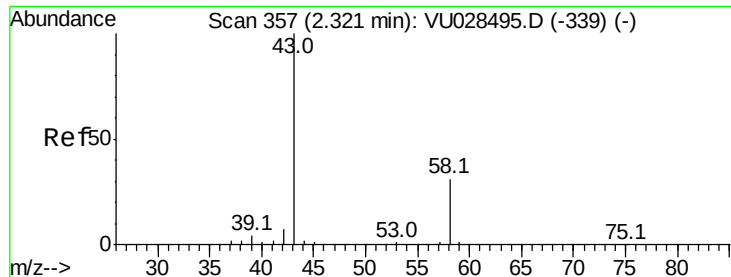
52 36.1 25.5 38.3



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

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





#16

Acetone

Concen: 0.673 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

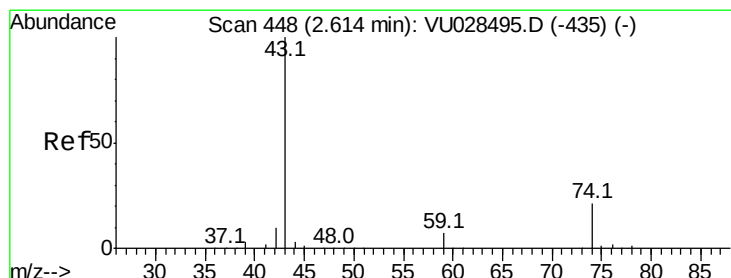
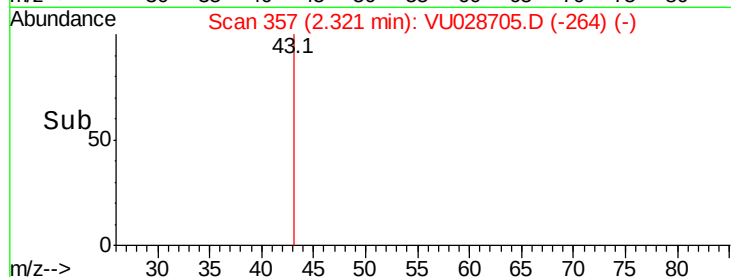
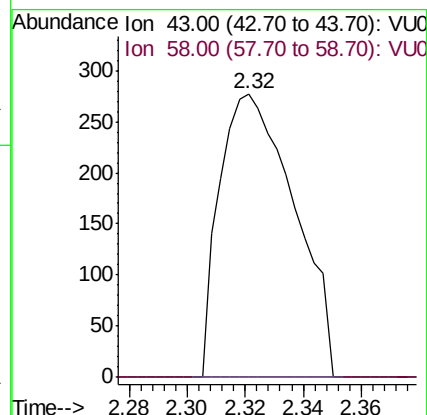
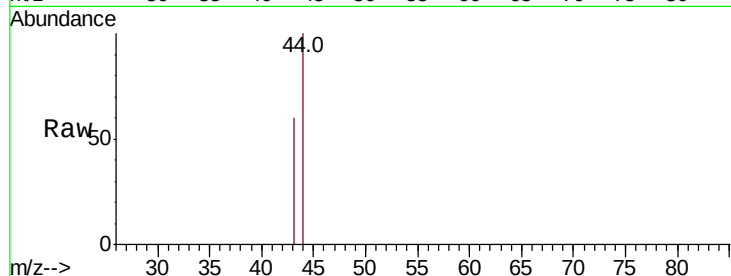
ClientSampleId :

Tot Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#18

Methyl Acetate

Concen: 0.750 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028705.D

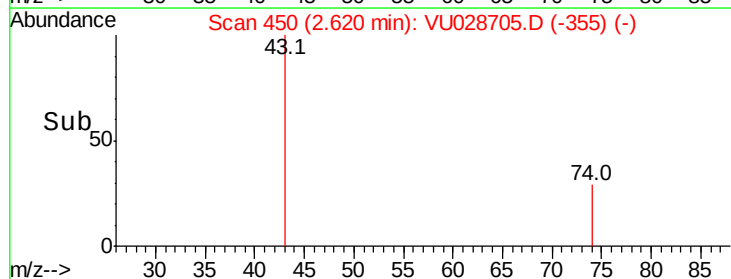
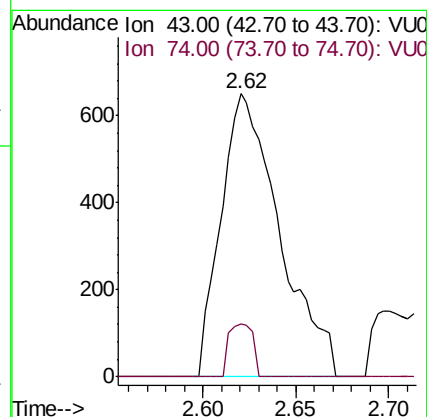
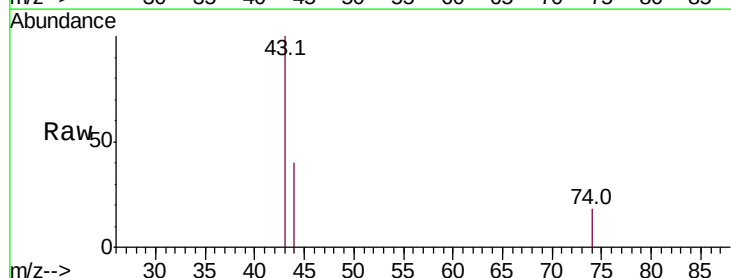
Acq: 15 Dec 2018 00:06

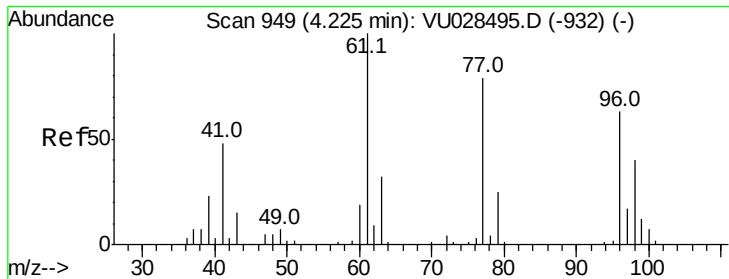
Tgt Ion: 43 Resp: 1431

Ion Ratio Lower Upper

43 100

74 7.5 16.4 24.6#



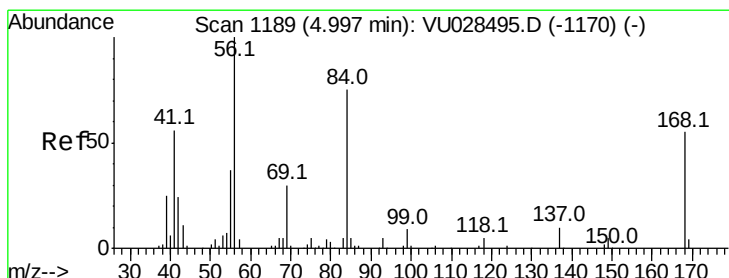
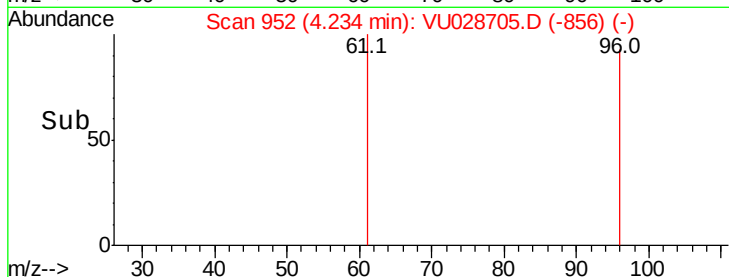
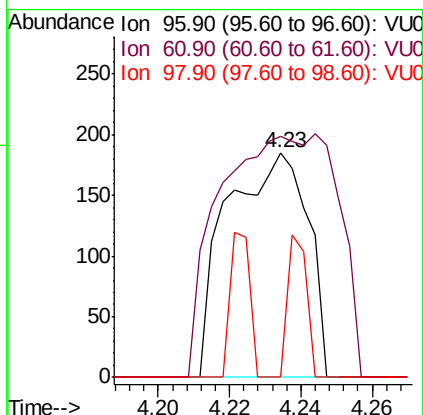
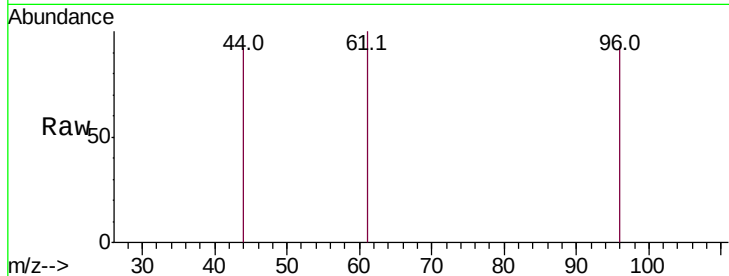


#27

cis-1,2-Dichloroethene
 Concen: 0.275 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Instrument :
 MSVOA_U
 ClientSampled :

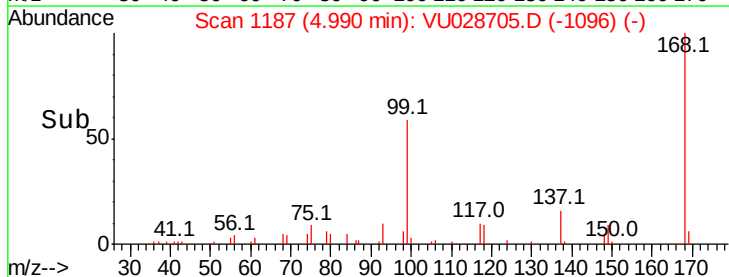
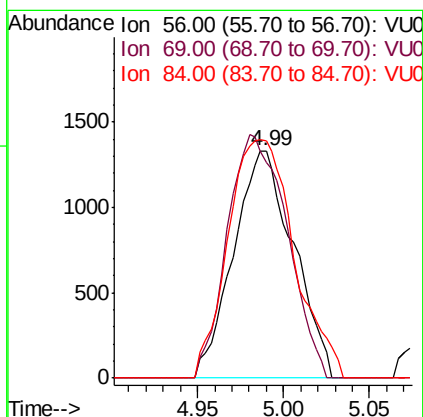
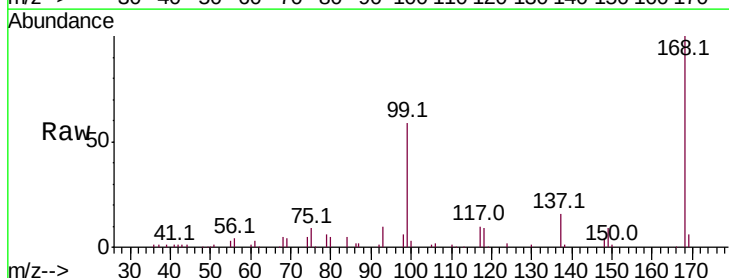
Tot Ion: 96 Resp: 288
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 332.4
 98 14.9 0.0 129.0

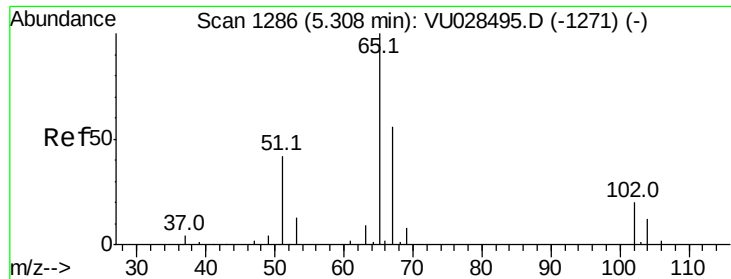


#31

Cyclohexane
 Concen: 0.482 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion: 56 Resp: 3224
 Ion Ratio Lower Upper
 56 100
 69 94.8 24.0 36.0#
 84 104.7 59.7 89.5#

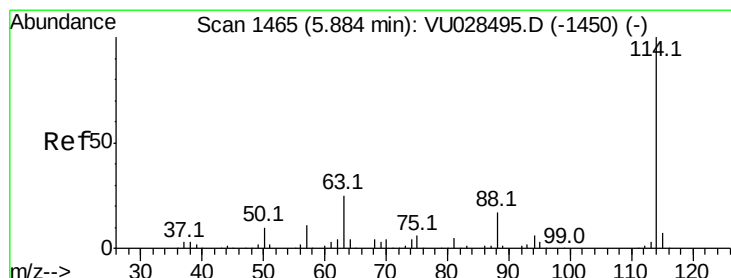
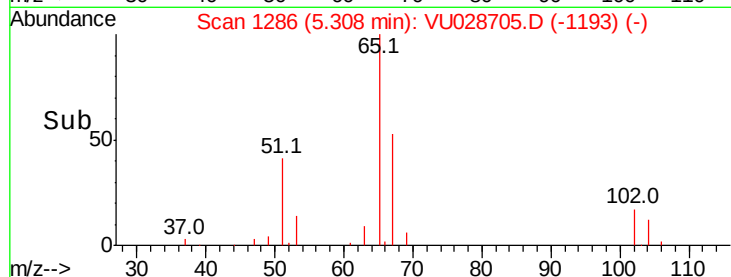
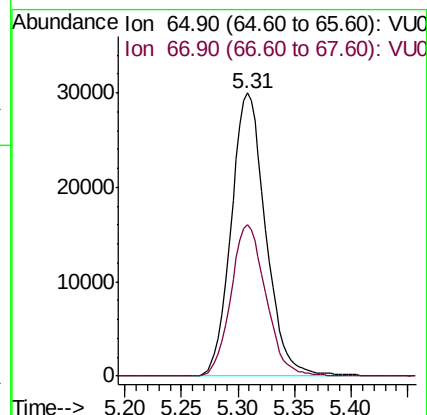
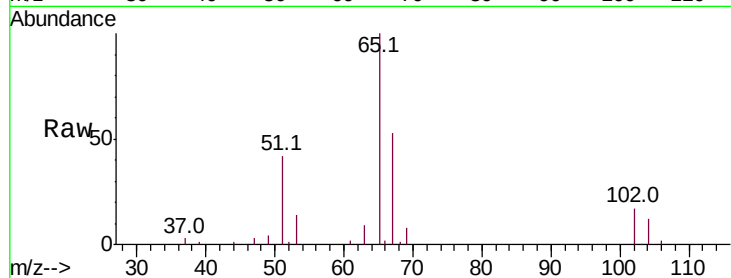




#33
 1,2-Dichloroethane-d4
 Concen: 56.315 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

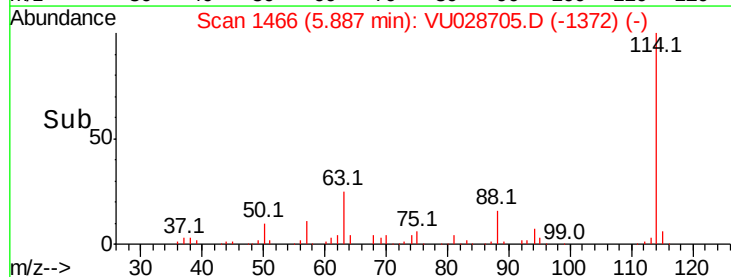
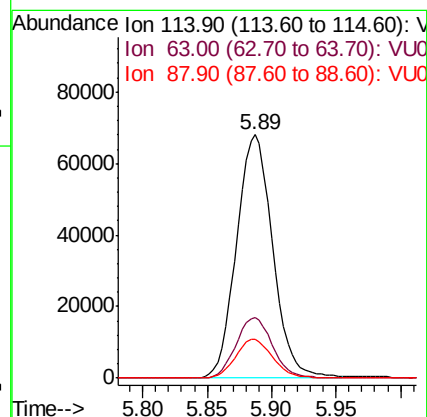
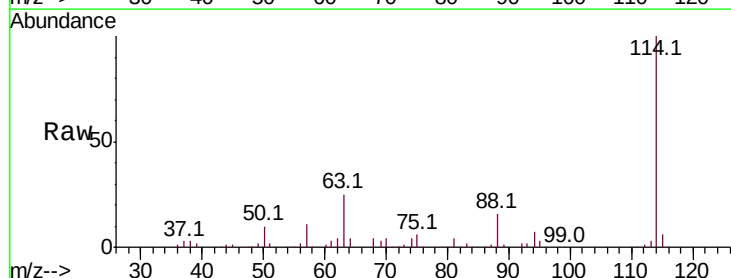
Instrument :
 MSVOA_U
 ClientSampleId :

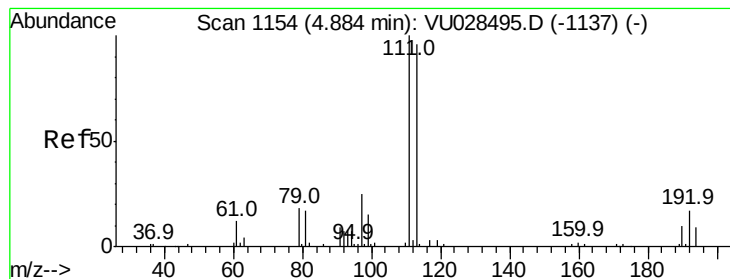
Tot Ion: 65 Resp: 63506
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion: 114 Resp: 132866
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.333 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

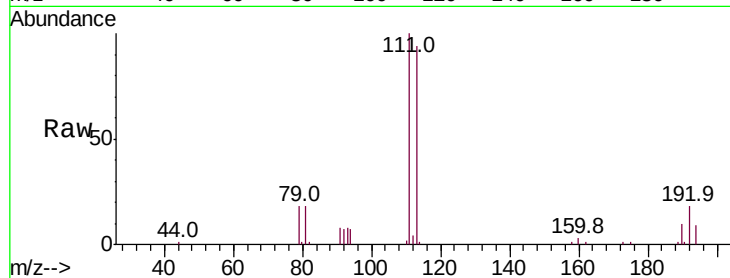
Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:113 Resp: 46266

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.4	125.0
192	18.8	14.8	22.2

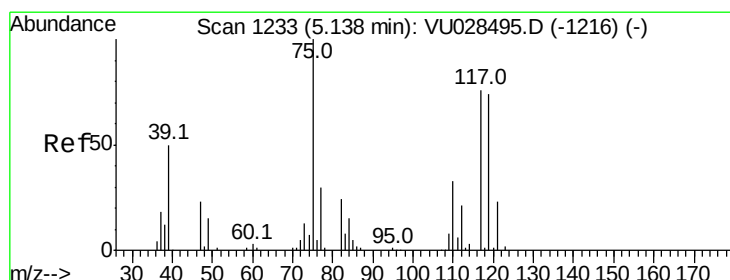
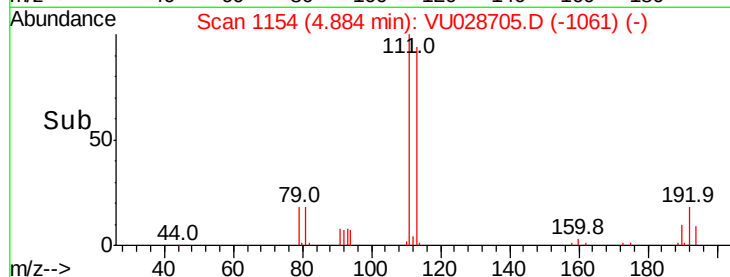
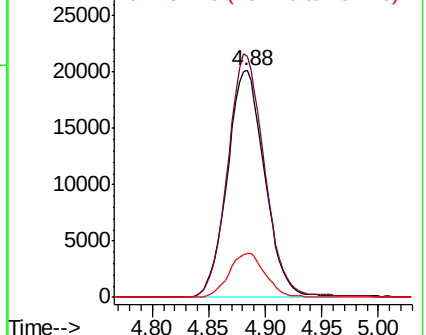


Abundance

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: 4.587 ug/l

RT: 4.98 min Scan# 1184

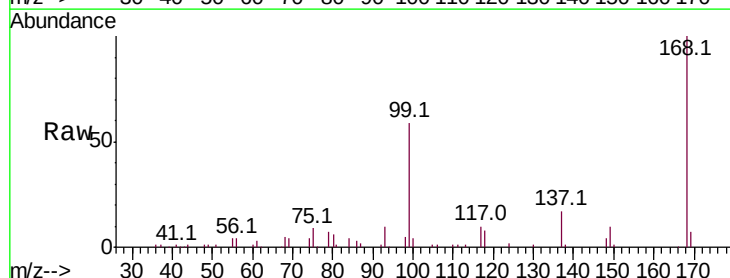
Delta R.T. -0.16 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Tgt Ion: 75 Resp: 6669

Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.1	48.2#
77	0.0	24.5	36.7#

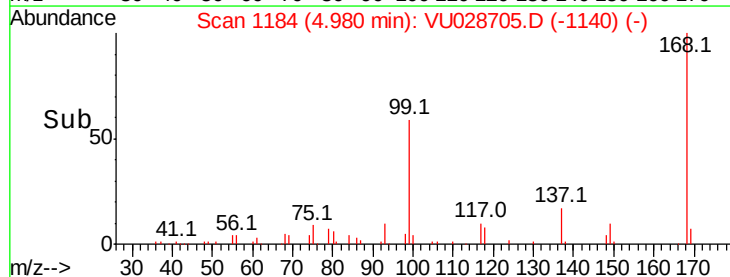
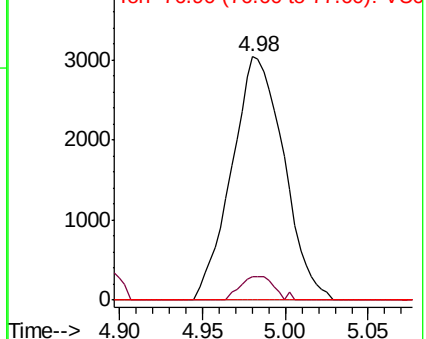


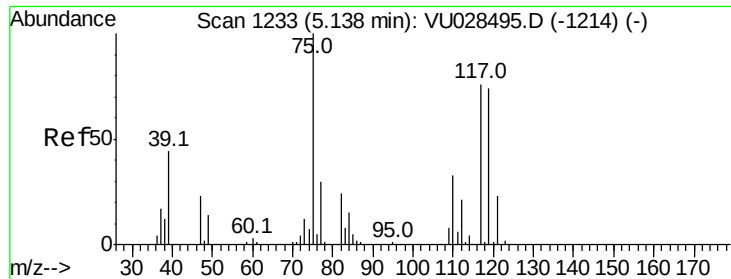
Abundance

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: 6.170 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

ClientSampleId :

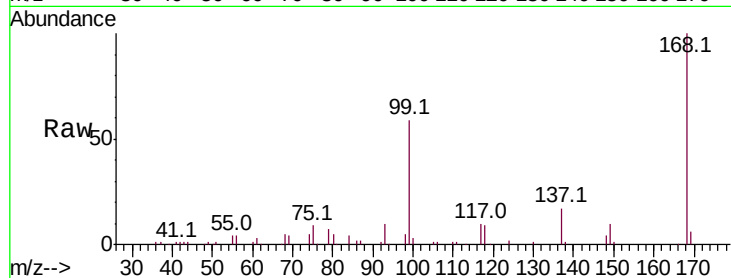
Tot Ion:117 Resp: 7231

Ion Ratio Lower Upper

117 100

119 3.6 77.6 116.4#

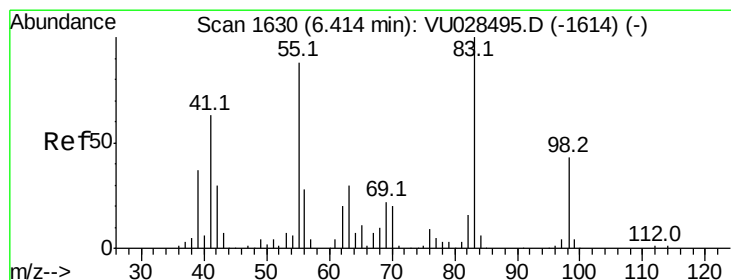
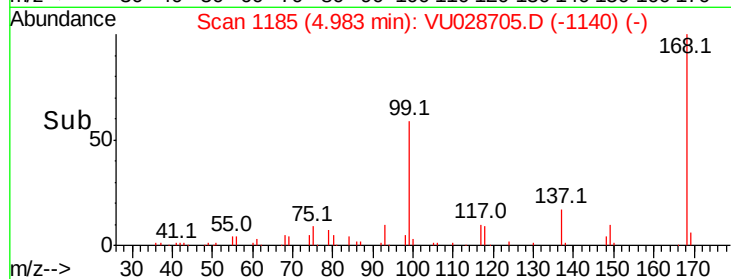
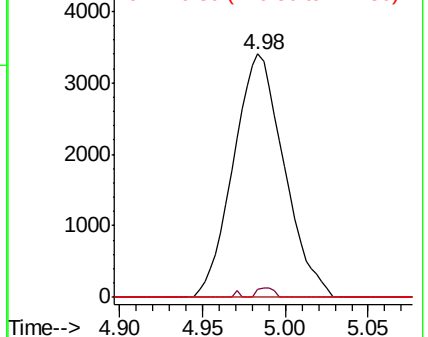
121 0.0 24.6 36.8#



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: 1.694 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

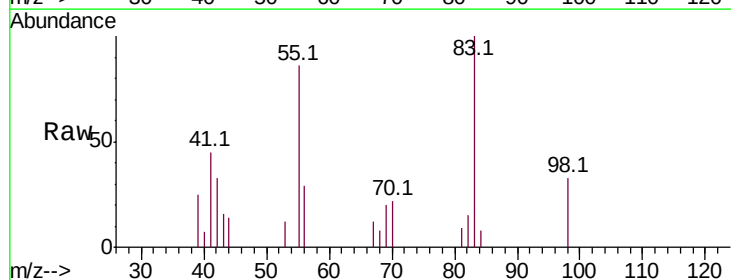
Tgt Ion: 83 Resp: 3004

Ion Ratio Lower Upper

83 100

55 85.7 70.2 105.2

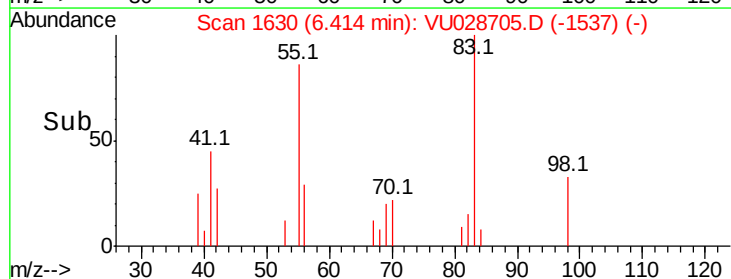
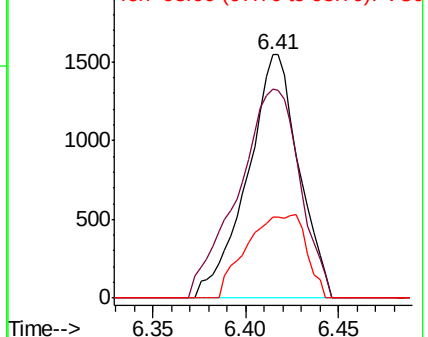
98 33.4 34.2 51.4#

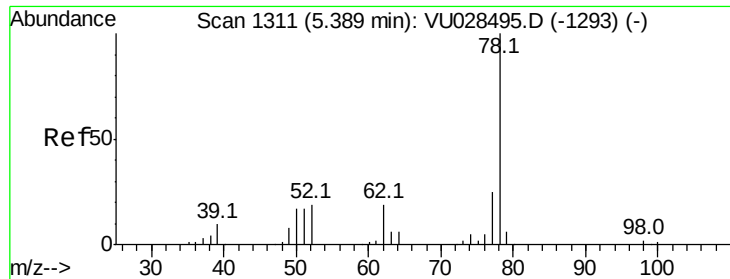


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

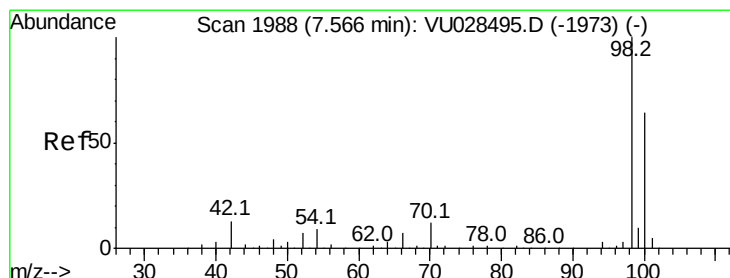
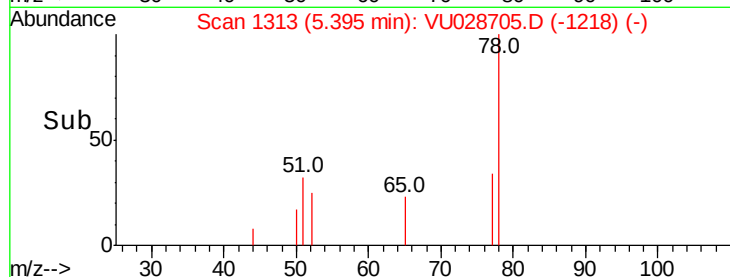
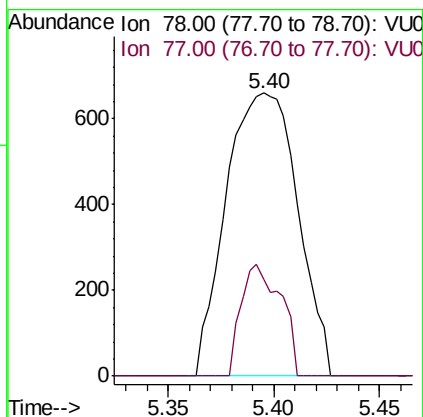
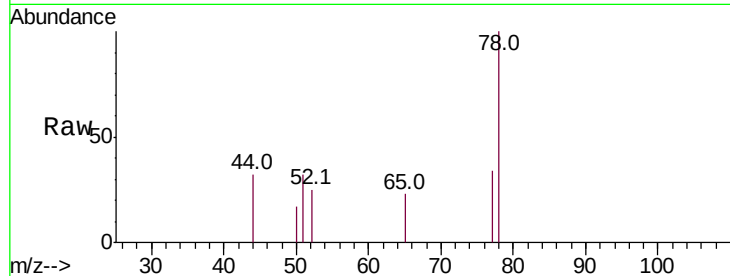




#40
Benzene
Concen: 0.364 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

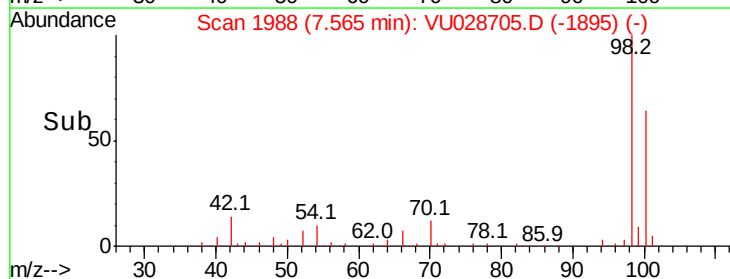
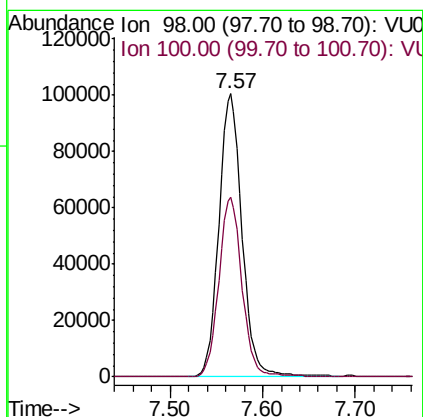
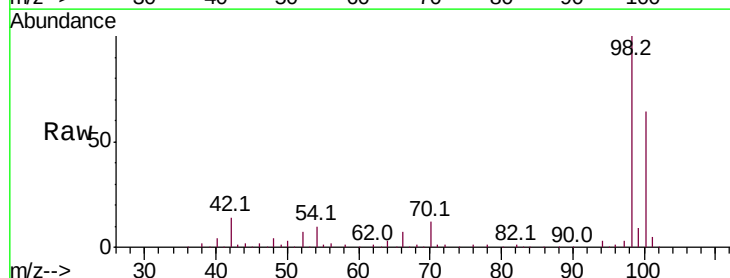
Instrument :
MSVOA_U
ClientSampleId :

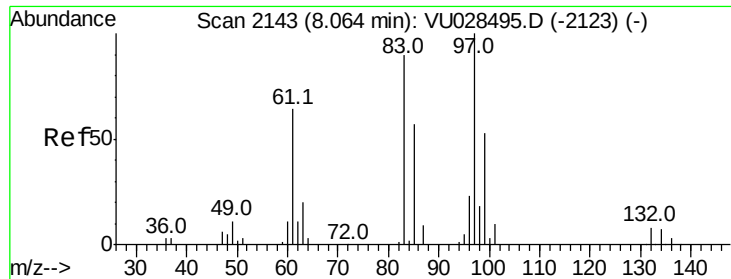
Tot Ion: 78 Resp: 1558
Ion Ratio Lower Upper
78 100
77 34.1 19.9 29.9#



#50
Toluene-d8
Concen: 52.737 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 98 Resp: 174434
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6

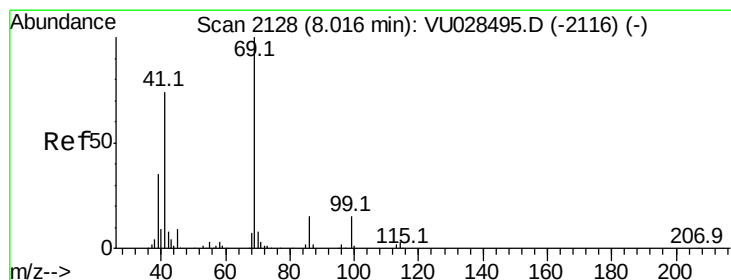
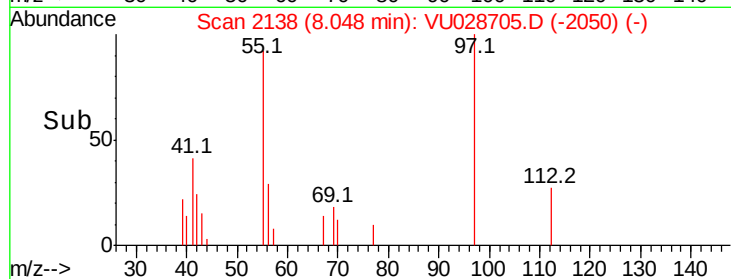
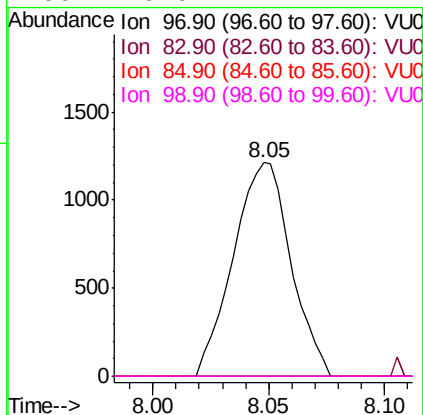
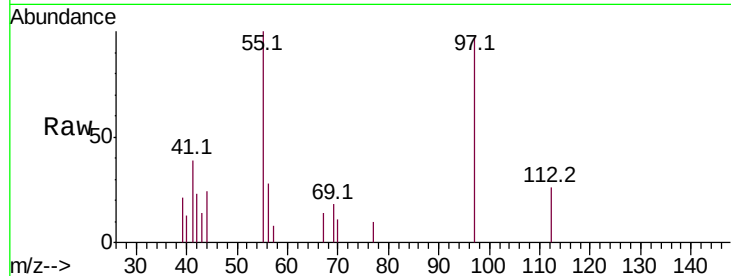




#55
 1,1,2-Trichloroethane
 Concen: 2.097 ug/l
 RT: 8.05 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

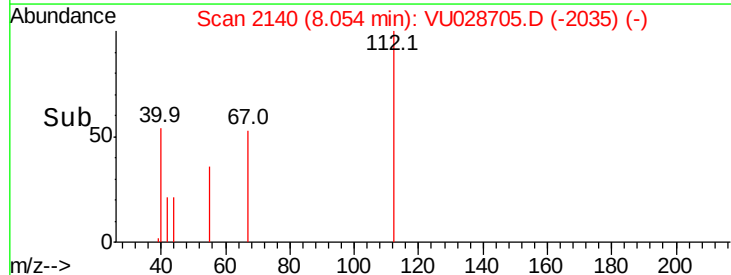
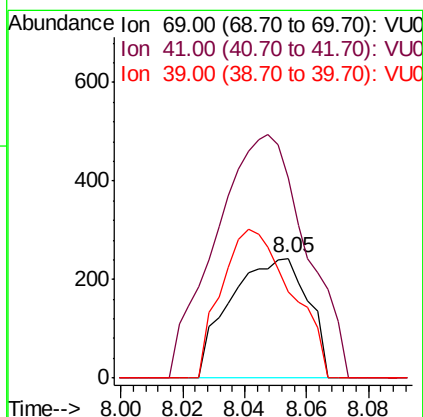
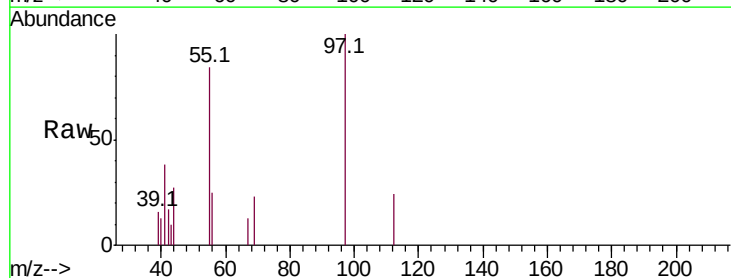
Instrument :
 MSVOA_U
 ClientSampleId :

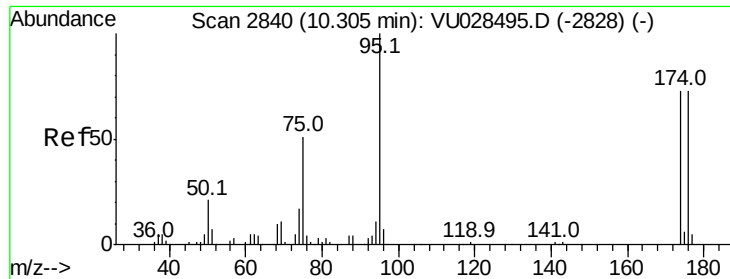
Tot Ion: 97 Resp: 2089
 Ion Ratio Lower Upper
 97 100
 83 0.0 72.4 108.6#
 85 0.0 46.0 69.0#
 99 0.0 47.4 71.2#



#56
 Ethyl methacrylate
 Concen: 0.247 ug/l
 RT: 8.05 min Scan# 2140
 Delta R.T. 0.04 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion: 69 Resp: 422
 Ion Ratio Lower Upper
 69 100
 41 236.0 59.1 88.7#
 39 112.6 28.4 42.6#





#62

4-Bromofluorobenzene

Concen: 47.364 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

ClientSampled :

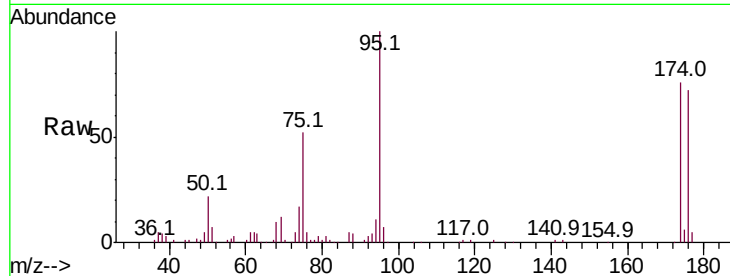
Tot Ion: 95 Resp: 58554

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.4

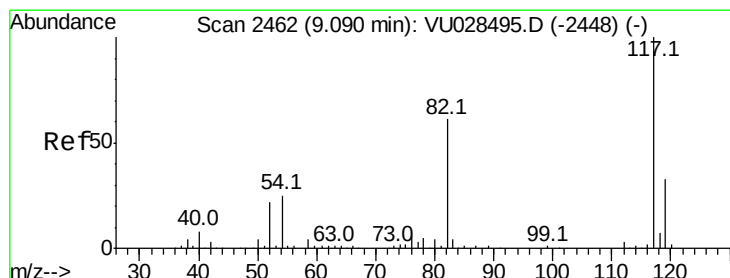
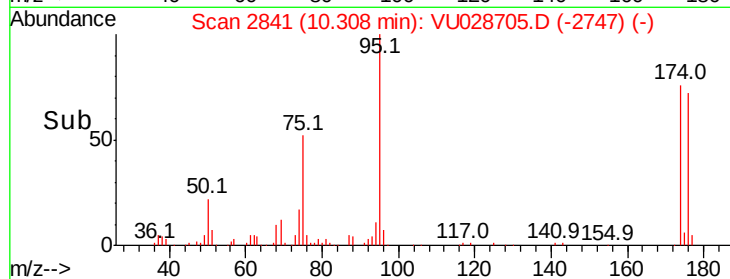
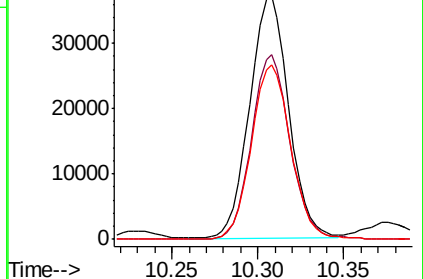
176 72.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

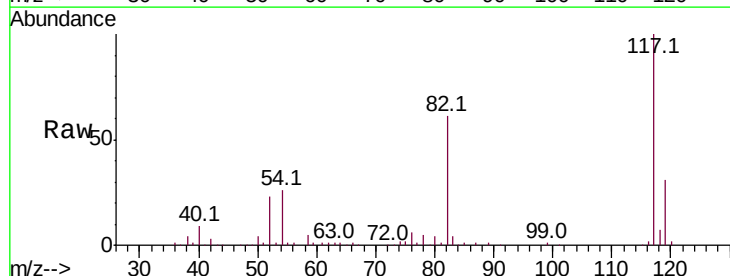
Tgt Ion: 117 Resp: 123125

Ion Ratio Lower Upper

117 100

82 61.5 48.9 73.3

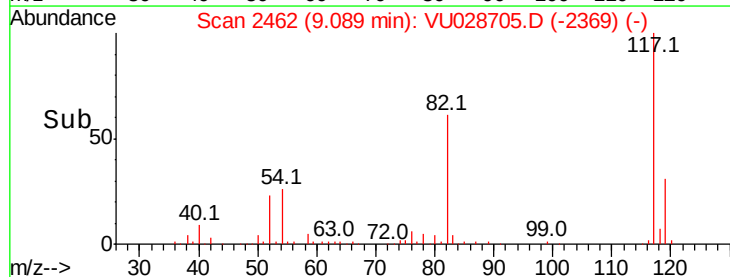
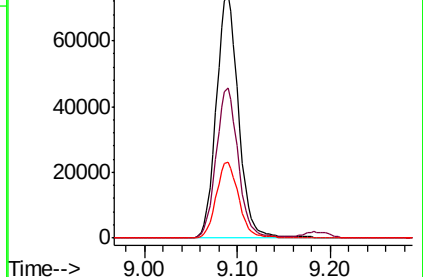
119 30.9 26.2 39.4

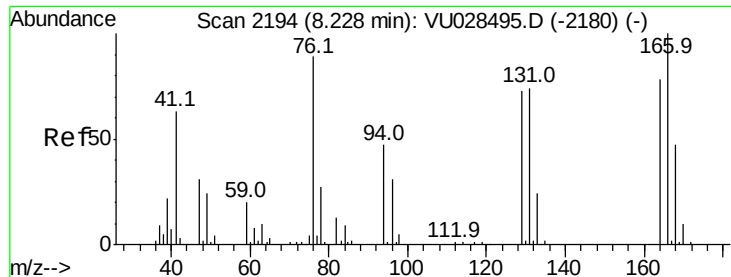


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 0.304 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:164 Resp: 250

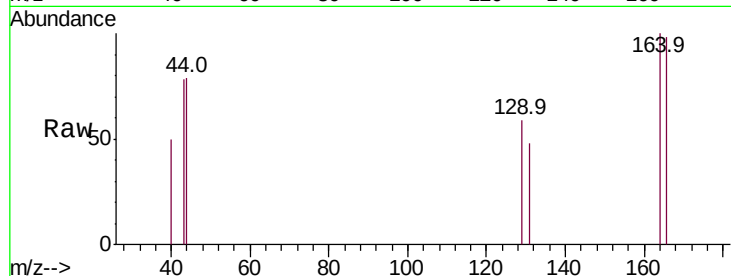
Ion Ratio Lower Upper

164 100

166 98.4 101.9 152.9#

129 58.8 74.9 112.3#

131 47.7 75.4 113.0#

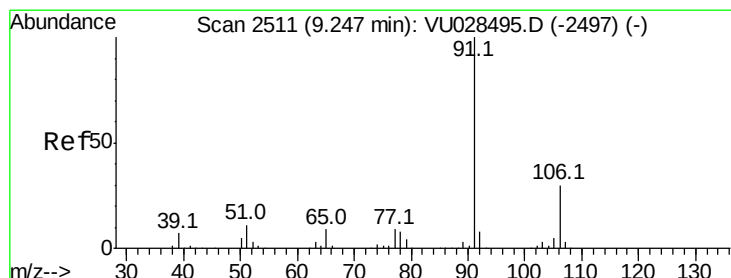
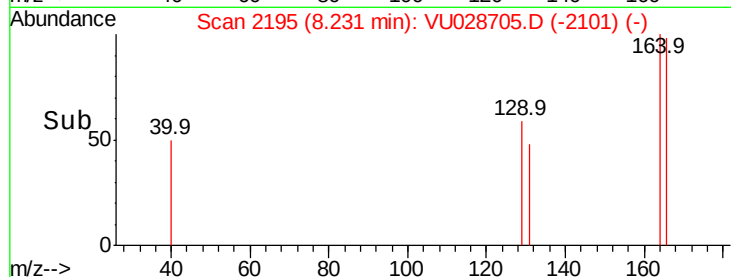
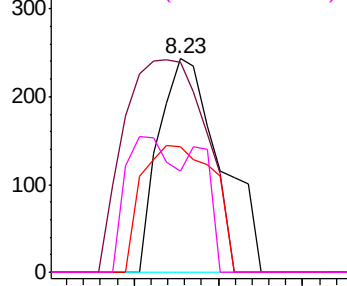


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.593 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028705.D

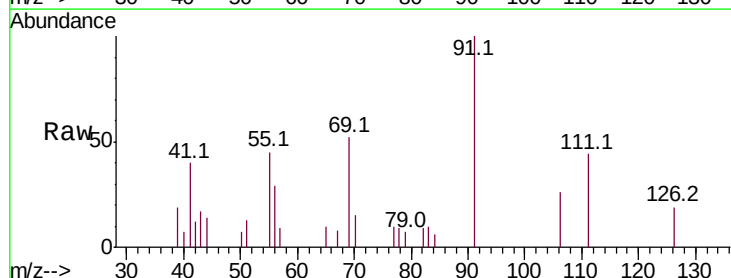
Acq: 15 Dec 2018 00:06

Tgt Ion: 91 Resp: 2862

Ion Ratio Lower Upper

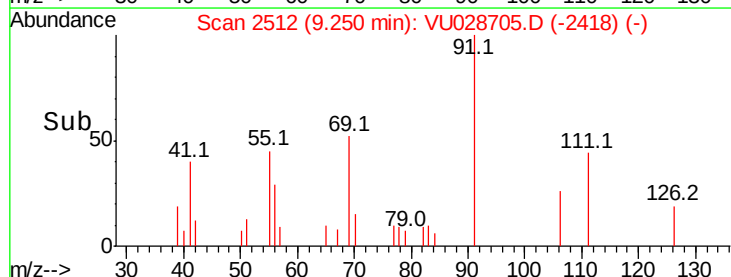
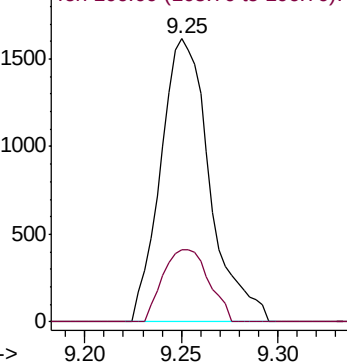
91 100

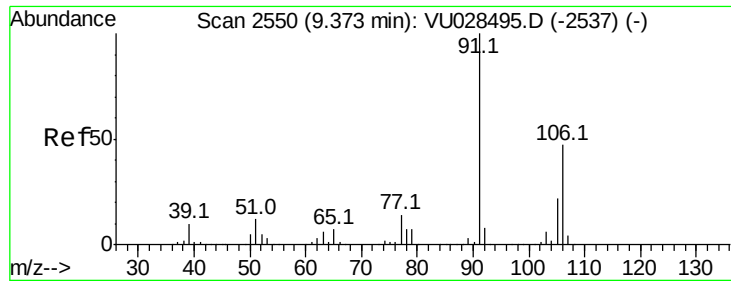
106 25.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

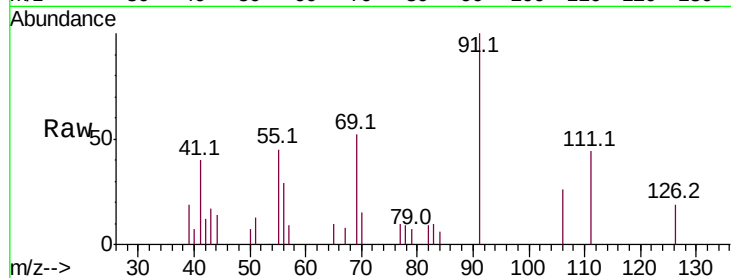




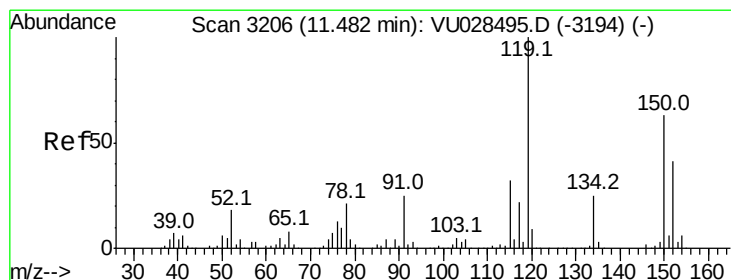
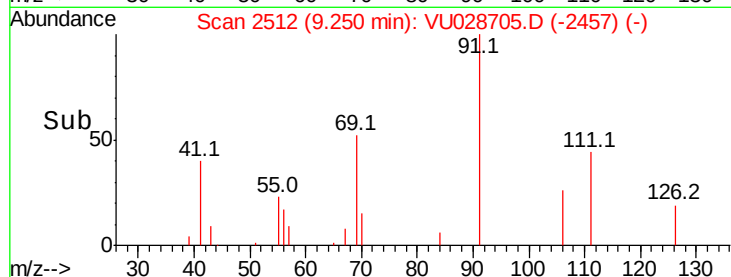
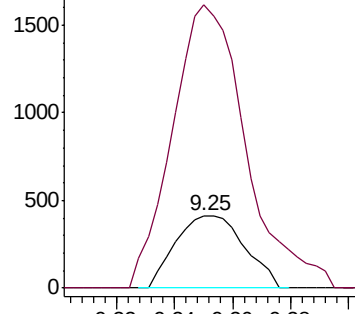
#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.12 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 682
Ion Ratio Lower Upper
106 100
91 419.6 167.4 251.0#

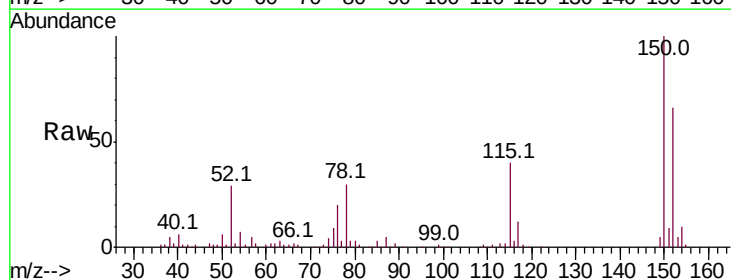


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

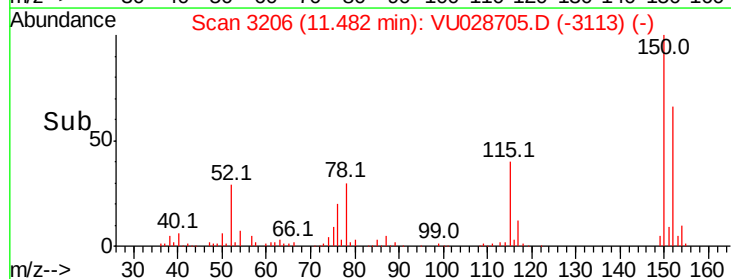
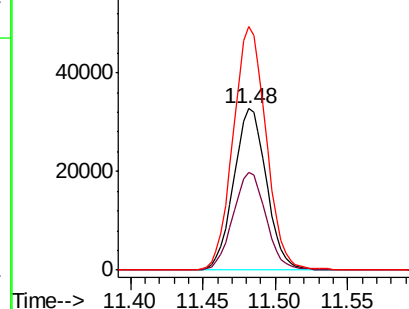


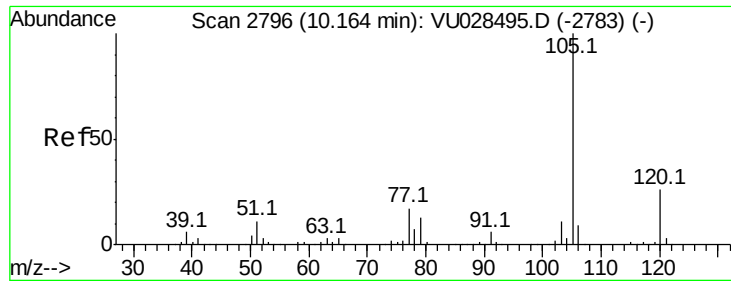
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion:152 Resp: 51274
Ion Ratio Lower Upper
152 100
115 60.8 42.7 128.1
150 152.2 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

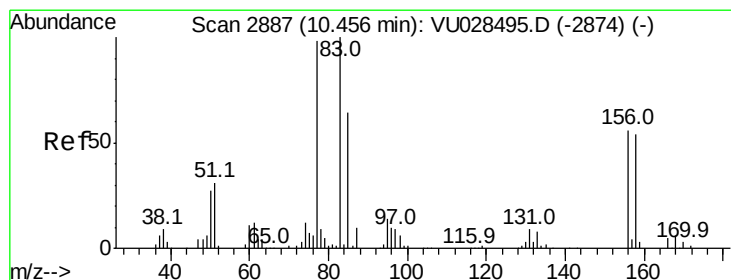
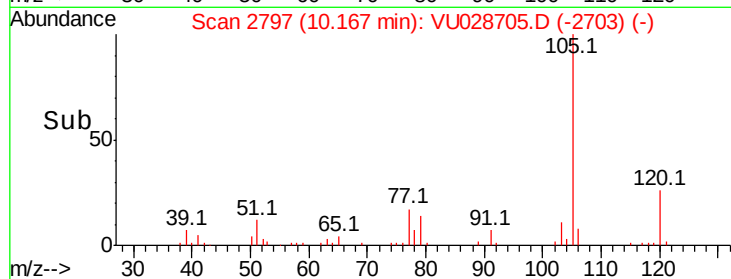
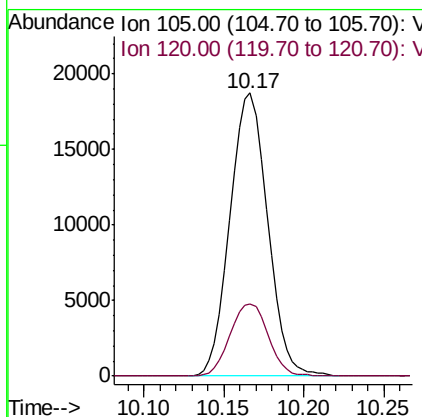
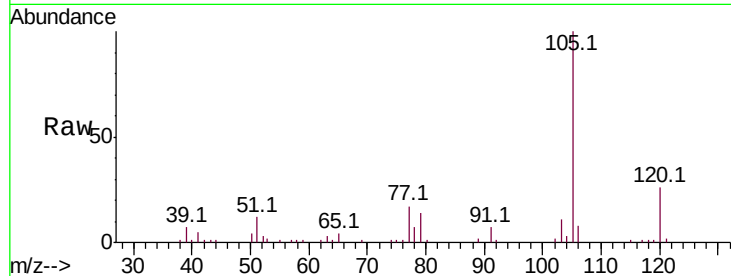




#73
Isopropylbenzene
Concen: 7.639 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

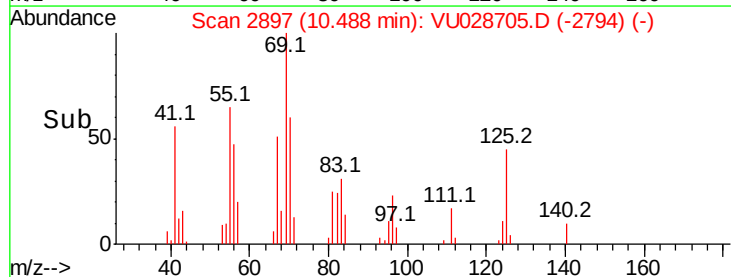
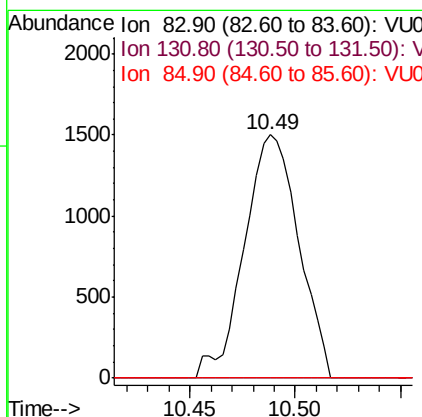
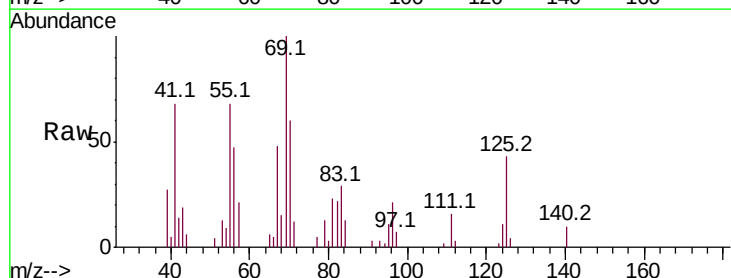
Instrument :
MSVOA_U
ClientSampleId :

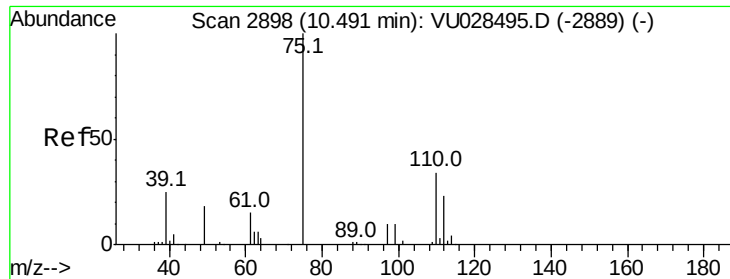
Tot Ion:105 Resp: 30057
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#75
1,1,2,2-Tetrachloroethane
Concen: 1.784 ug/l
RT: 10.49 min Scan# 2897
Delta R.T. 0.03 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 83 Resp: 2697
Ion Ratio Lower Upper
83 100
131 0.0 4.2 12.4#
85 0.0 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 23.766 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

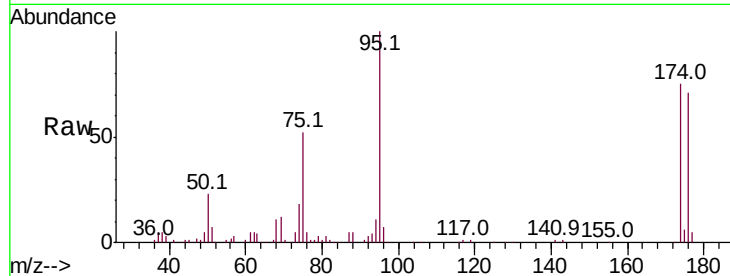
ClientSampleId :

Tot Ion: 75 Resp: 31117

Ion Ratio Lower Upper

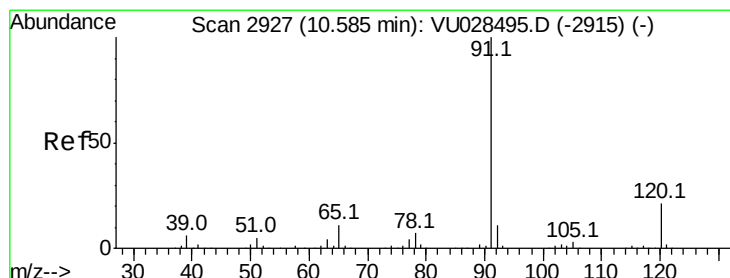
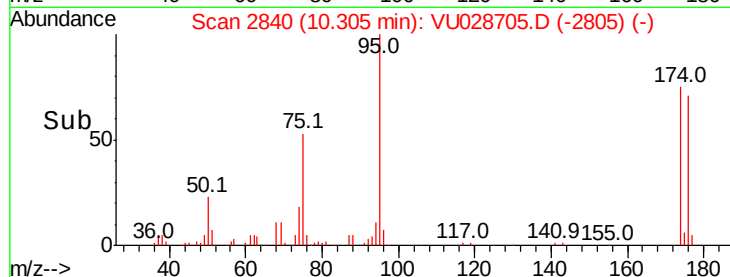
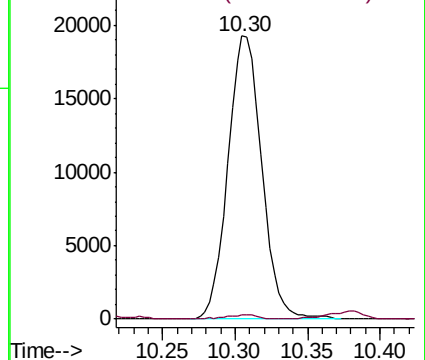
75 100

77 1.3 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: 15.248 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028705.D

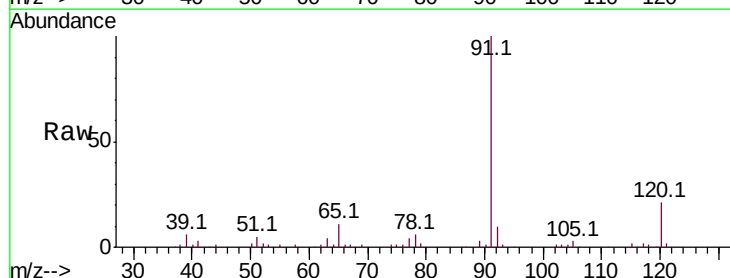
Acq: 15 Dec 2018 00:06

Tgt Ion: 91 Resp: 74545

Ion Ratio Lower Upper

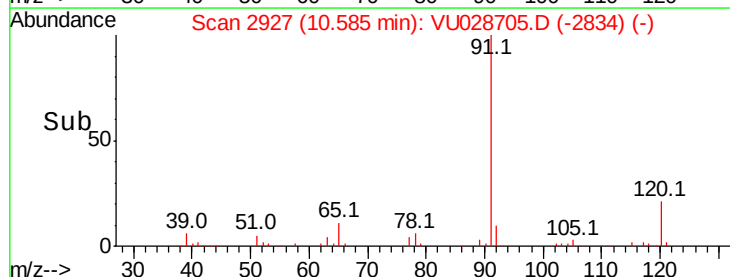
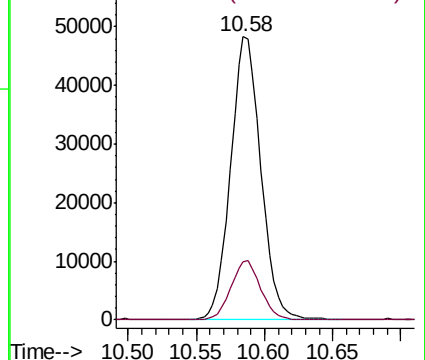
91 100

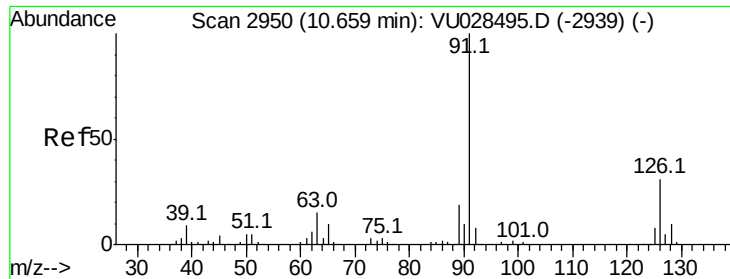
120 20.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

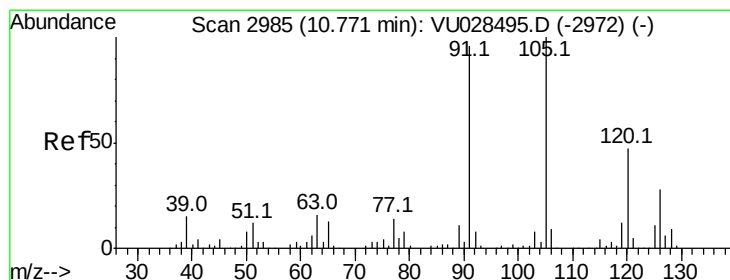
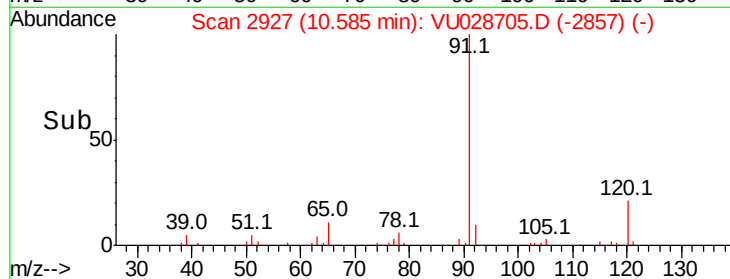
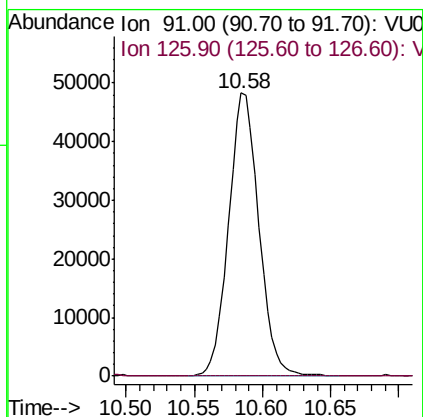
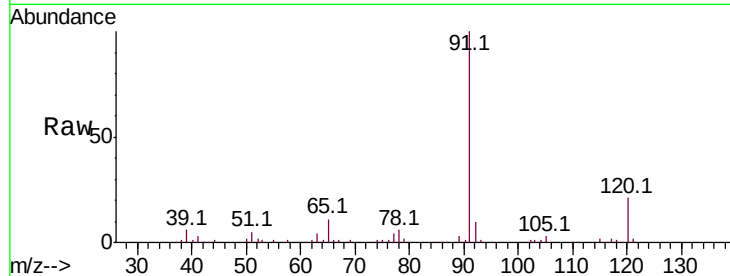




#79
 2-Chlorotoluene
 Concen: 26.471 ug/l
 RT: 10.58 min Scan# 2927
 Delta R.T. -0.07 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

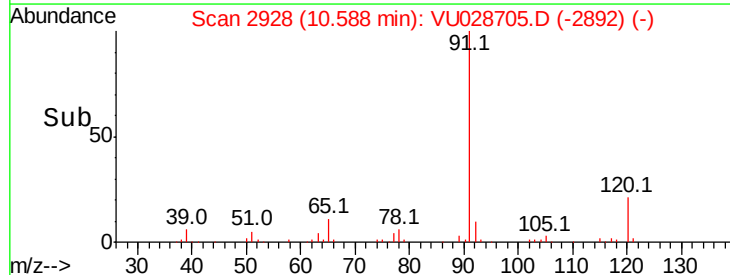
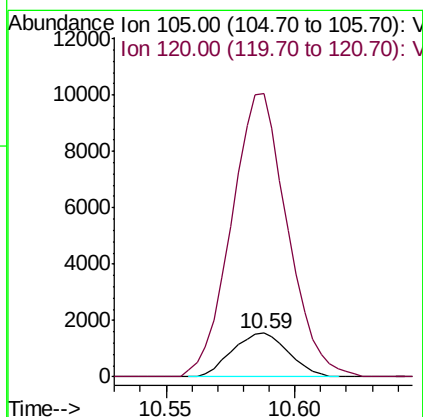
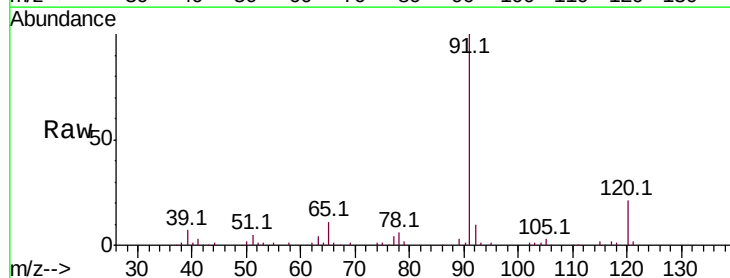
Instrument :
 MSVOA_U
 ClientSampled :

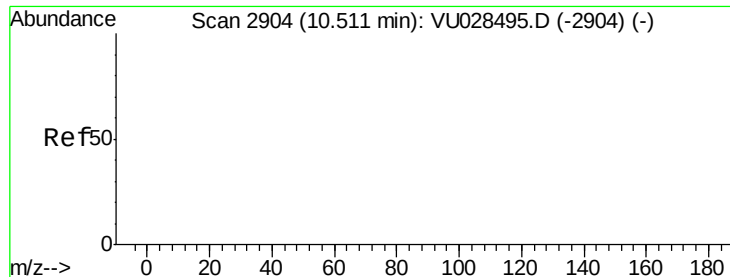
Tot Ion: 91 Resp: 74545
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.730 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. -0.18 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion:105 Resp: 2379
 Ion Ratio Lower Upper
 105 100
 120 641.3 23.7 71.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 58.345 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

ClientSampleId :

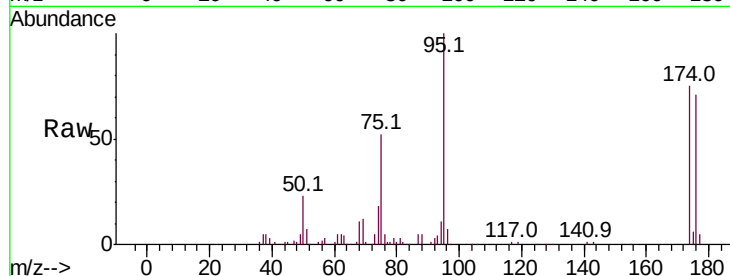
Tot Ion: 75 Resp: 31117

Ion Ratio Lower Upper

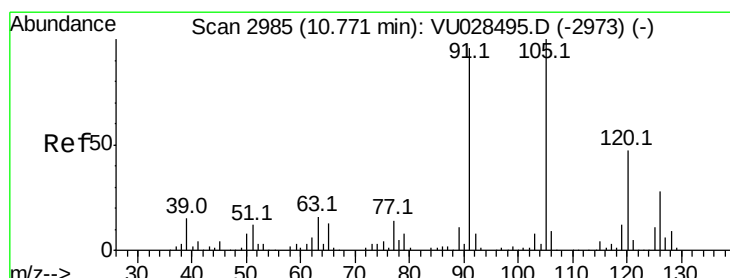
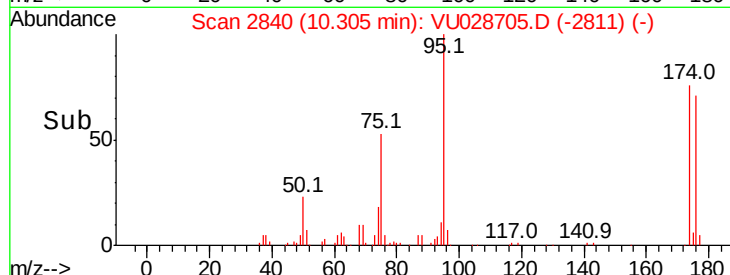
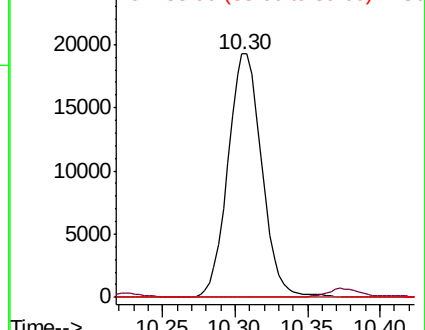
75 100

53 0.0 0.0 0.0

89 0.0 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



#82

4-Chlorotoluene

Concen: 22.338 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.19 min

Lab File: VU028705.D

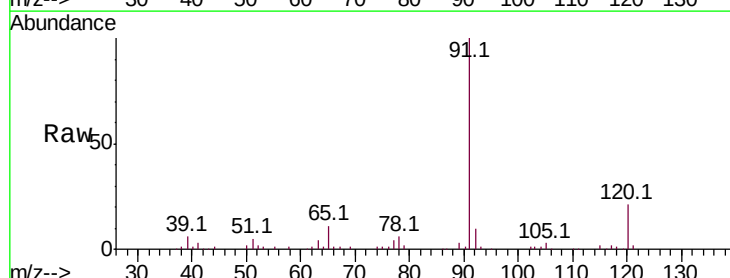
Acq: 15 Dec 2018 00:06

Tgt Ion: 91 Resp: 74545

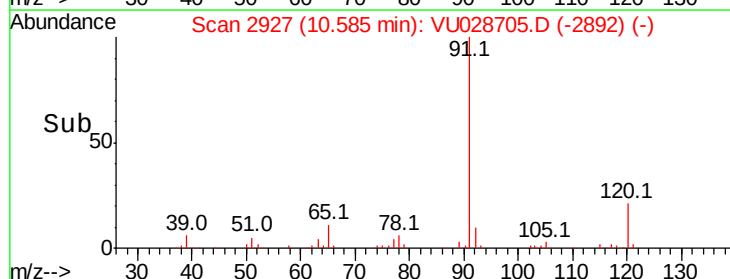
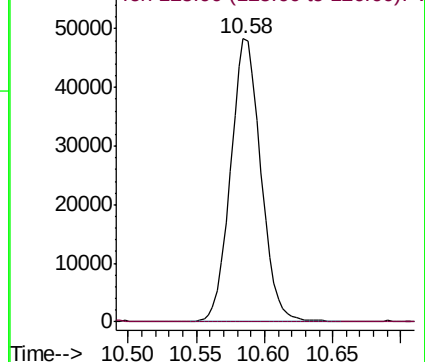
Ion Ratio Lower Upper

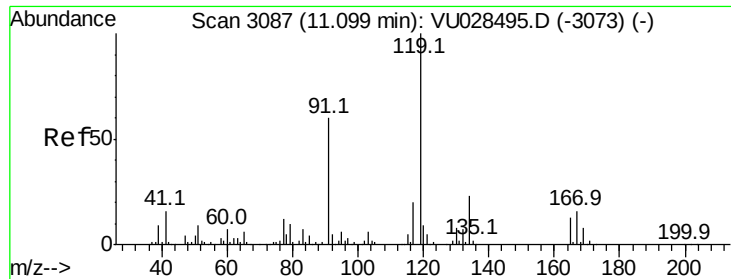
91 100

126 0.0 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

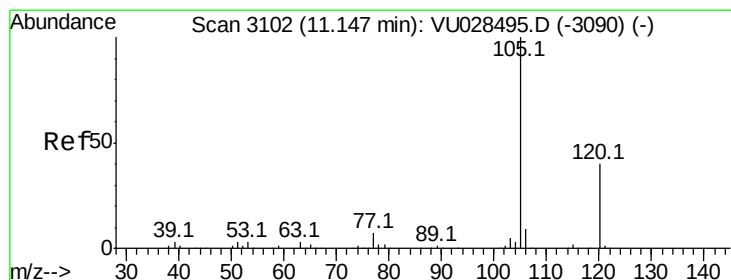
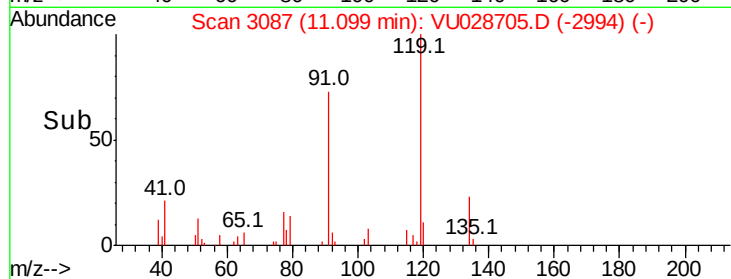
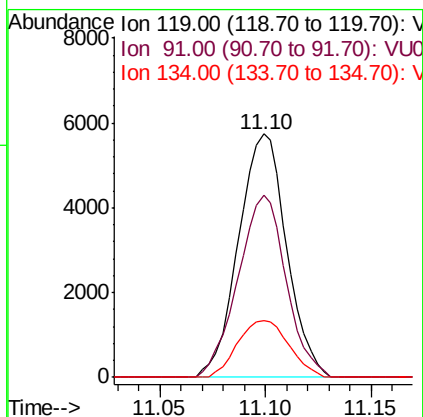
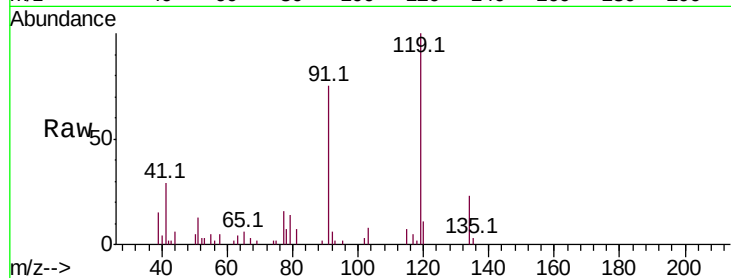




#83
tert-Butylbenzene
Concen: 2.893 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

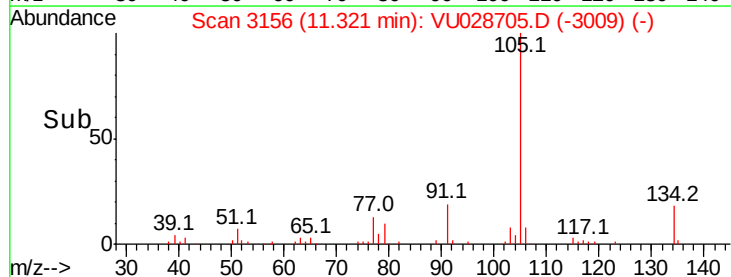
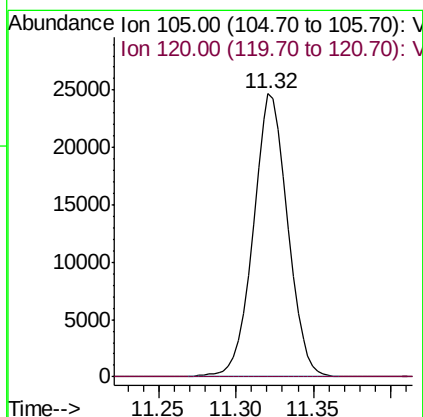
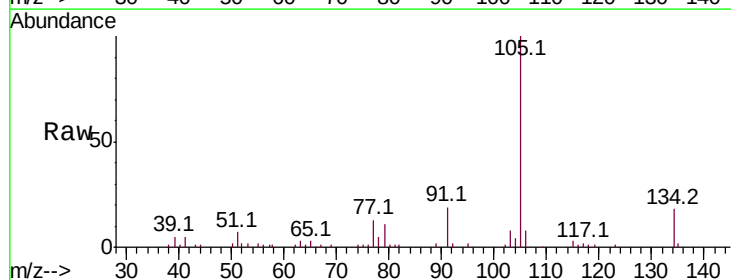
Instrument :
MSVOA_U
ClientSampleId :

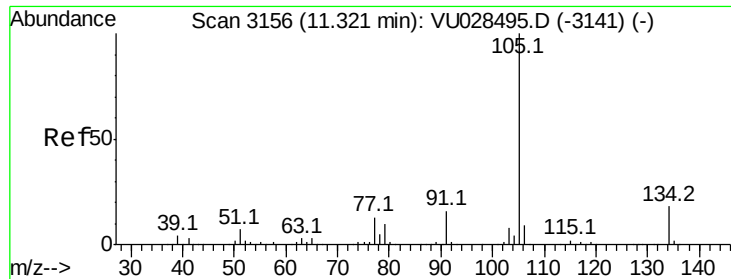
Tot Ion:119 Resp: 9083
Ion Ratio Lower Upper
119 100
91 74.9 30.3 91.0
134 24.9 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 11.392 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.17 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion:105 Resp: 38237
Ion Ratio Lower Upper
105 100
120 0.0 21.8 65.4#

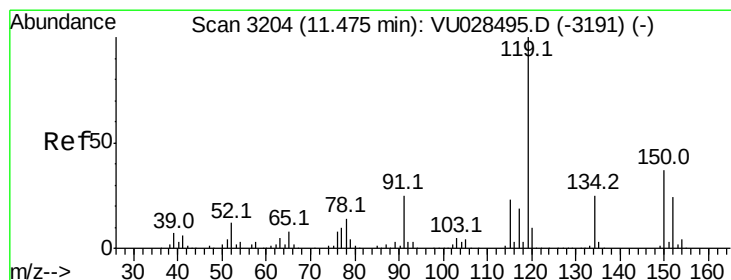
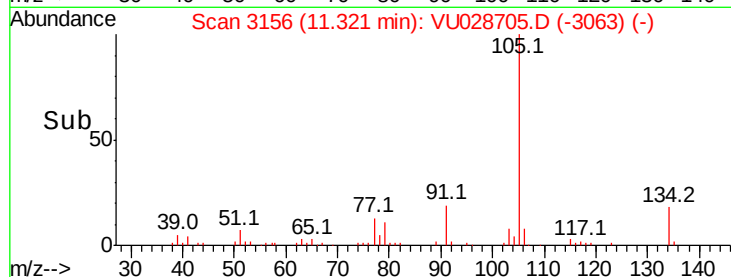
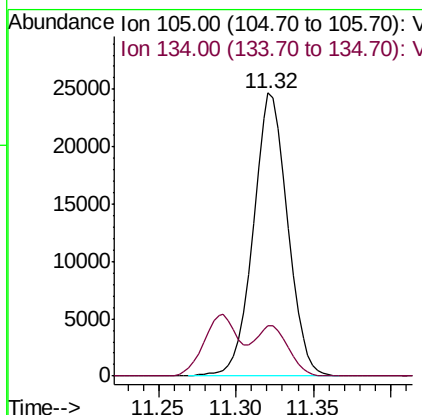
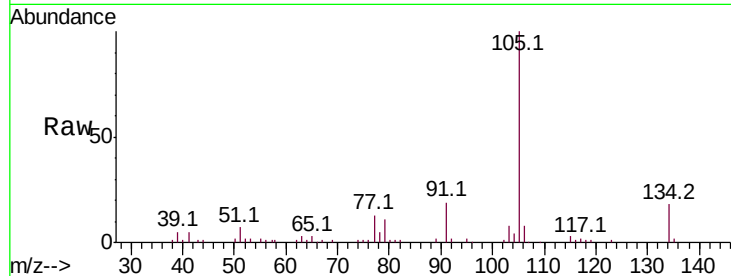




#85
 sec-Butylbenzene
 Concen: 9.482 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

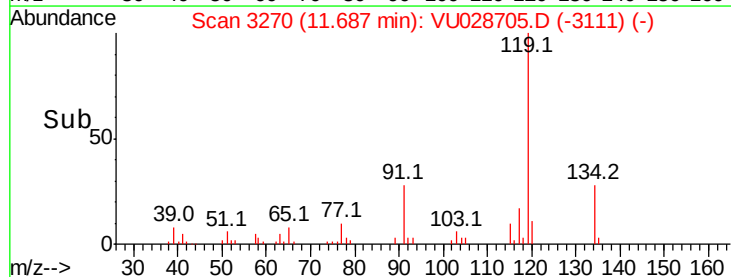
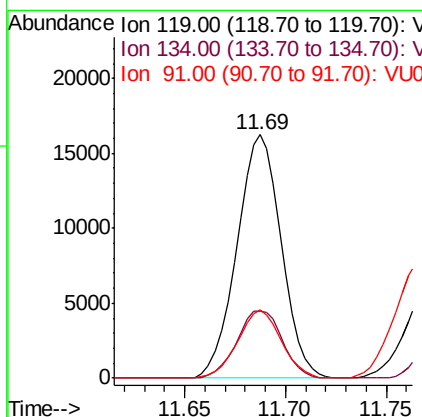
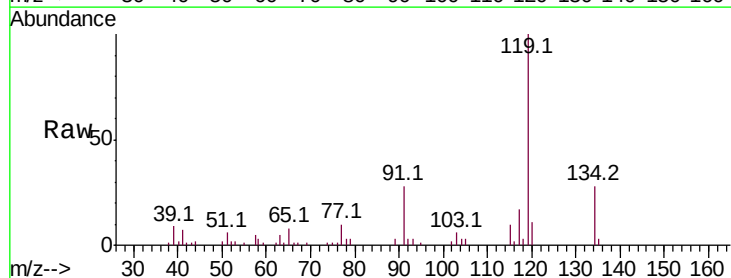
Instrument :
 MSVOA_U
 ClientSampled :

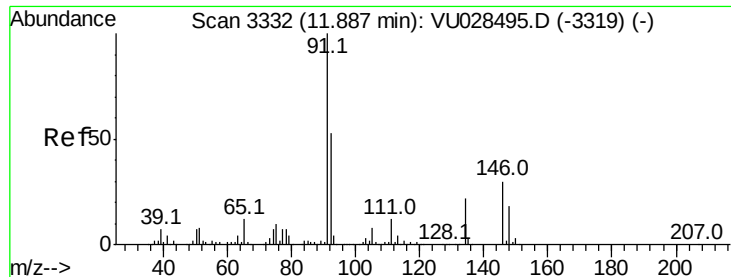
Tot Ion:105 Resp: 38237
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 7.286 ug/l
 RT: 11.69 min Scan# 3270
 Delta R.T. 0.21 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion:119 Resp: 24959
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.7 38.1
 91 27.5 12.6 37.6





#89

n-Butylbenzene

Concen: 4.793 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028705.D

Acq: 15 Dec 2018 00:06

Instrument :

MSVOA_U

ClientSampled :

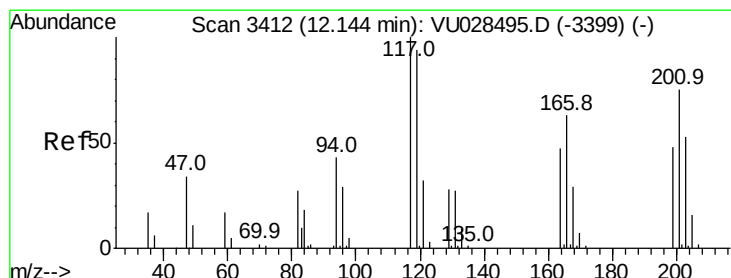
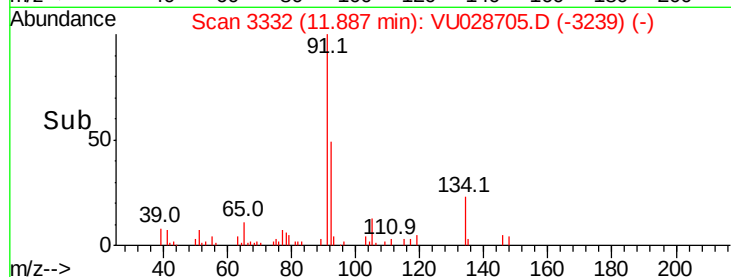
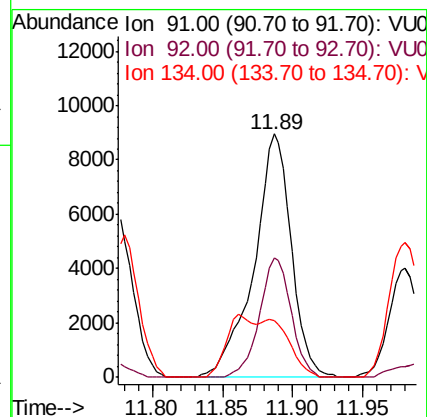
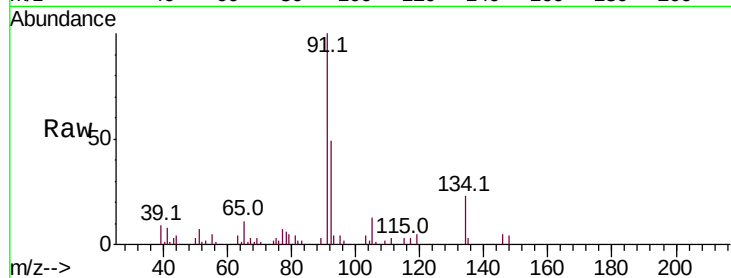
Tot Ion: 91 Resp: 16618

Ion Ratio Lower Upper

91 100

92 41.6 26.3 78.9

134 0.0 11.3 33.8#



#90

Hexachloroethane

Concen: 70.563 ug/l

RT: 12.29 min Scan# 3456

Delta R.T. 0.14 min

Lab File: VU028705.D

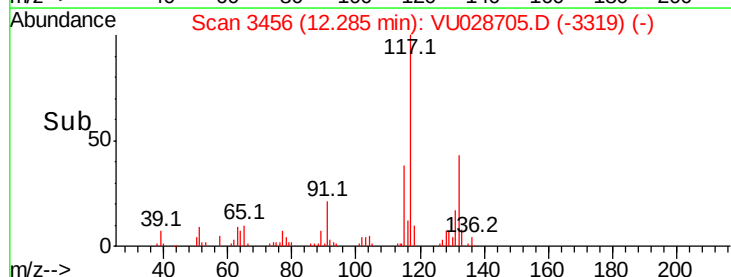
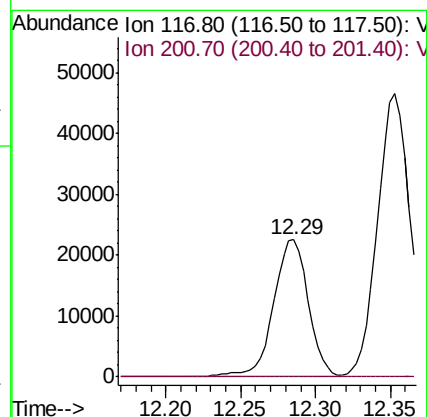
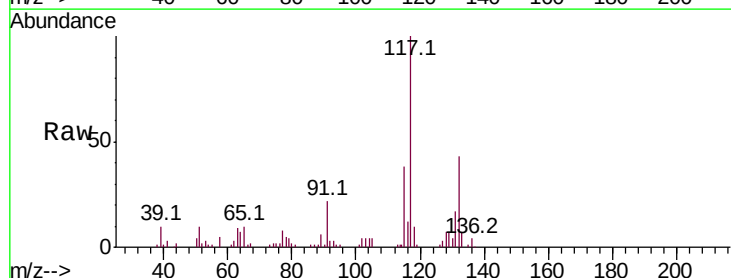
Acq: 15 Dec 2018 00:06

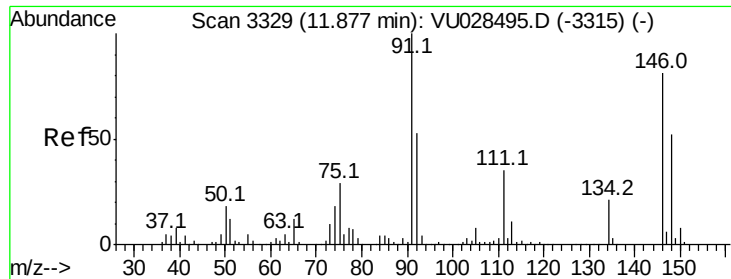
Tgt Ion: 117 Resp: 36536

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#

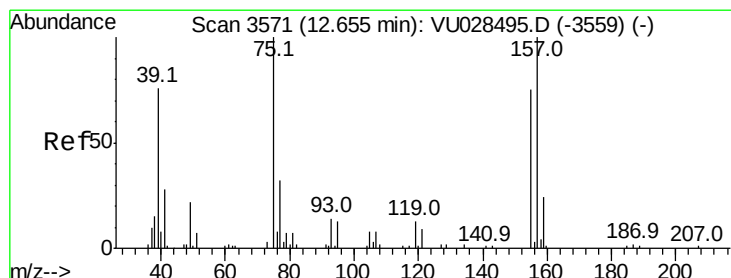
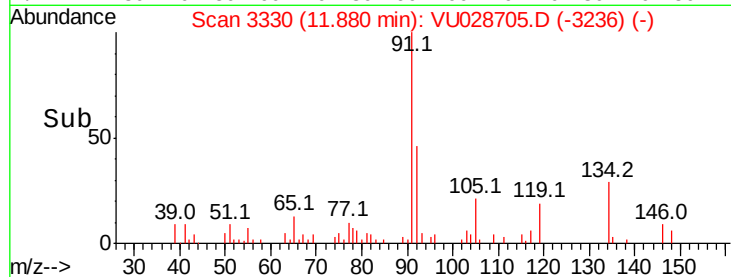
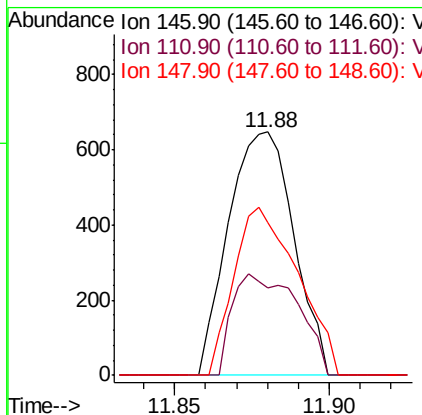
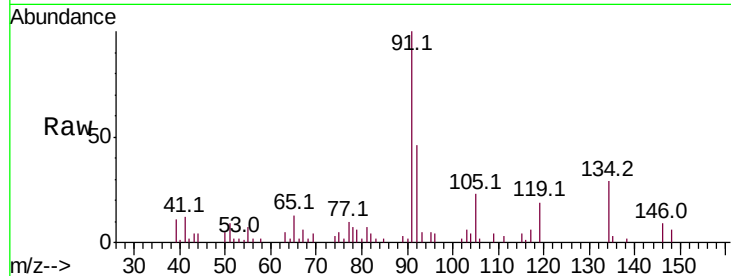




#91
 1,2-Dichlorobenzene
 Concen: 0.548 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.4
148	67.6	31.4	94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.045 ug/l
 RT: 12.65 min Scan# 3568
 Delta R.T. -0.01 min
 Lab File: VU028705.D
 Acq: 15 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.1	114.5#
157	0.0	48.7	146.1#

