

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028436.D
 Acq On : 03 Dec 2018 13:12
 Operator : MD/SY
 Sample : PB115231ZHE#13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

Quant Time: Dec 04 06:54:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	295250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	557633	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	519645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	240296	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	241522	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
35) Dibromofluoromethane	4.88	113	181189	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	7.57	98	722489	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	10.30	95	257487	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

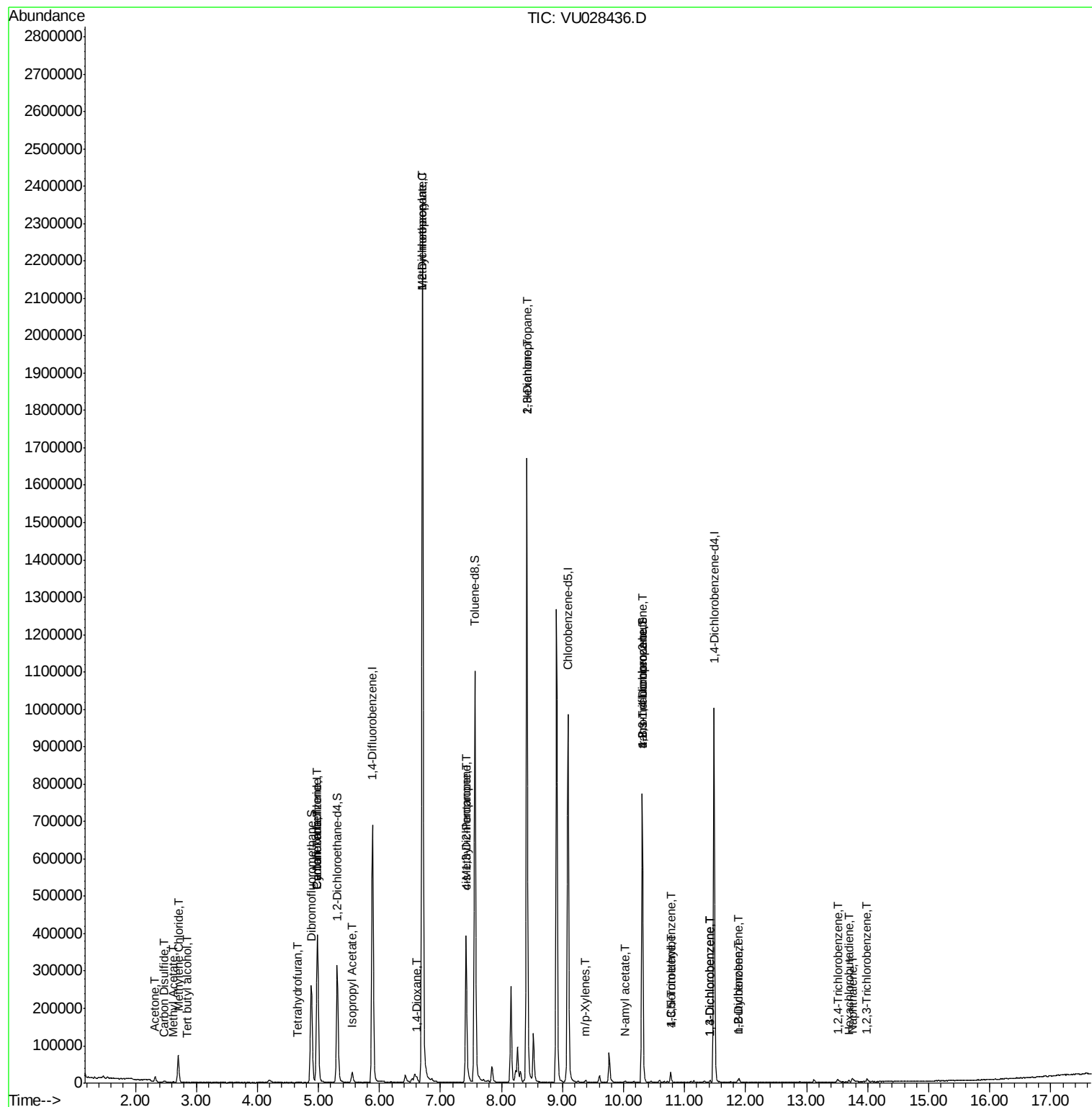
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	562	0.501	ug/l #	72
16) Acetone	2.32	43	17353	5.749	ug/l	95
17) Carbon Disulfide	2.48	76	3044	0.251	ug/l #	87
18) Methyl Acetate	2.62	43	2721	0.324	ug/l #	80
20) Methylene Chloride	2.70	84	30079	7.001	ug/l	94
29) Tetrahydrofuran	4.66	42	1975	0.703	ug/l #	70
31) Cyclohexane	4.98	56	7529	0.535	ug/l #	1
38) Carbon Tetrachloride	4.98	117	29028	5.793	ug/l #	17
43) Isopropyl Acetate	5.55	43	33829	2.567	ug/l	98
45) 1,2-Dichloropropane	6.70	63	2600	0.491	ug/l #	43
48) Methyl methacrylate	6.70	41	206064	30.020	ug/l #	47
49) 1,4-Dioxane	6.62	88	155	1.413	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	159837	18.991	ug/l #	49
54) cis-1,3-Dichloropropene	7.42	75	67994	8.778	ug/l #	56
57) 1,3-Dichloropropane	8.41	76	16038	2.019	ug/l #	43
59) 2-Hexanone	8.41	43	241525	37.048	ug/l #	55
68) m/p-Xylenes	9.38	106	1629	0.223	ug/l	97
74) N-amyl acetate	10.02	43	3134	0.268	ug/l #	84
76) 1,2,3-Trichloropropane	10.30	75	135085	20.272	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	11889	0.755	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.30	75	135085	53.812	ug/l #	100
82) 4-Chlorotoluene	10.78	91	4386	0.280	ug/l	78
87) 1,3-Dichlorobenzene	11.42	146	2163	0.269	ug/l	91
88) 1,4-Dichlorobenzene	11.42	146	2163	0.268	ug/l	90
89) n-Butylbenzene	11.89	91	4607	0.298	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	1808	0.226	ug/l	97
93) 1,2,4-Trichlorobenzene	13.51	180	3126	0.596	ug/l	90
94) Hexachlorobutadiene	13.69	225	1053	0.425	ug/l	90
95) Naphthalene	13.75	128	9580	3.282	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	3515	0.663	ug/l	82

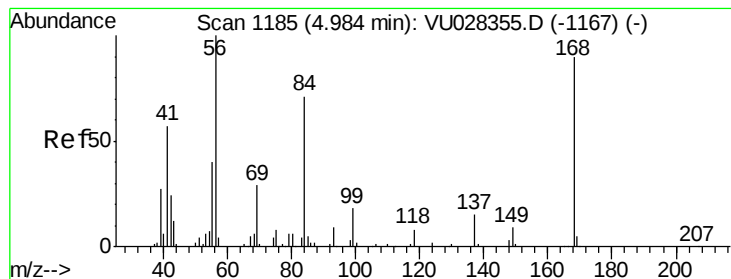
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

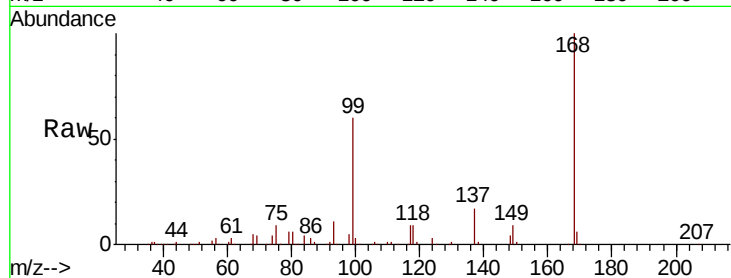
PB115231ZHE#13

Tot Ion:168 Resp: 295250

Ion Ratio Lower Upper

168 100

99 59.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

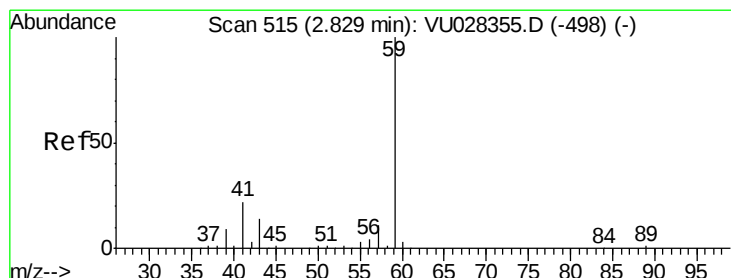
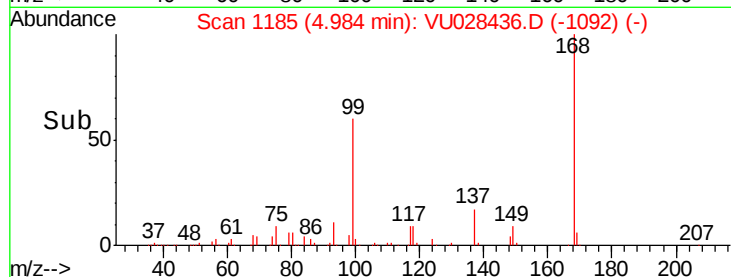
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.501 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU028436.D

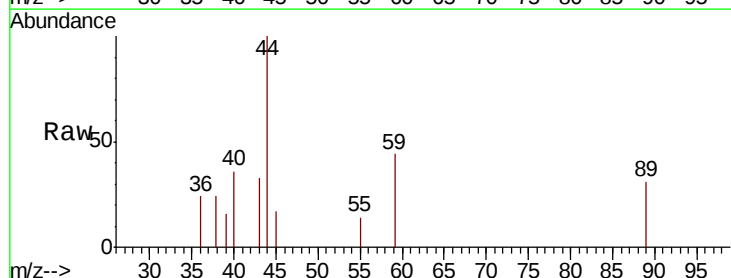
Acq: 03 Dec 2018 13:12

Tgt Ion: 59 Resp: 562

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.83

400

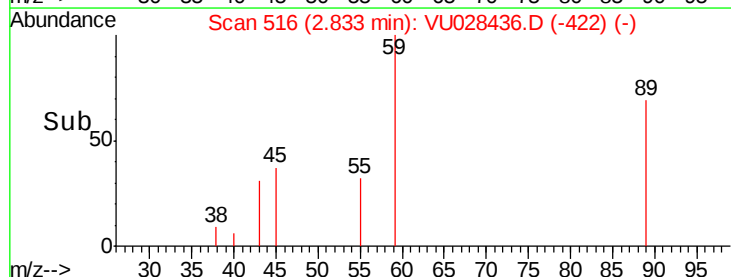
300

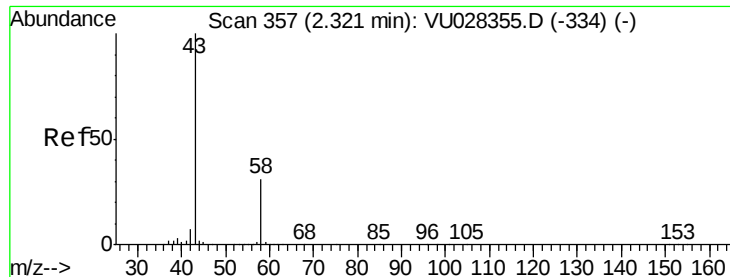
200

100

0

Time-->





#16

Acetone

Concen: 5.749 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

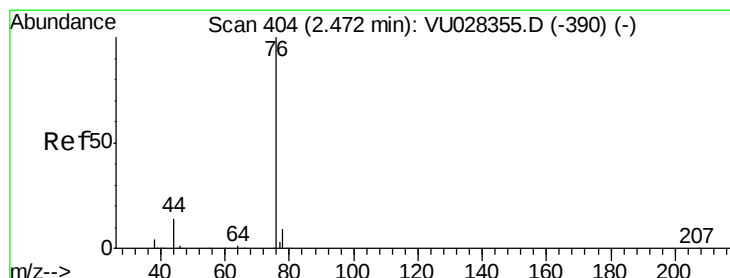
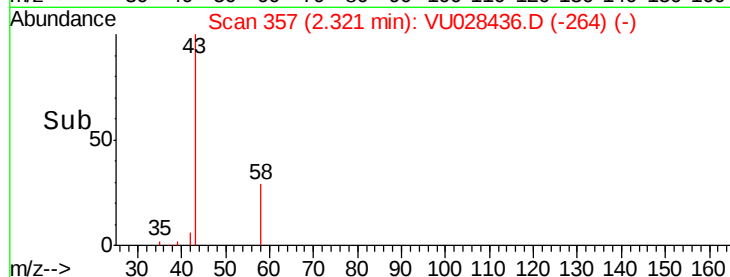
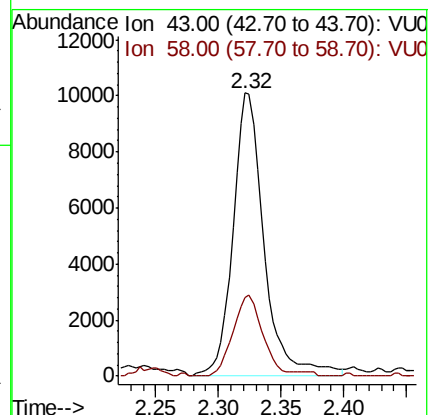
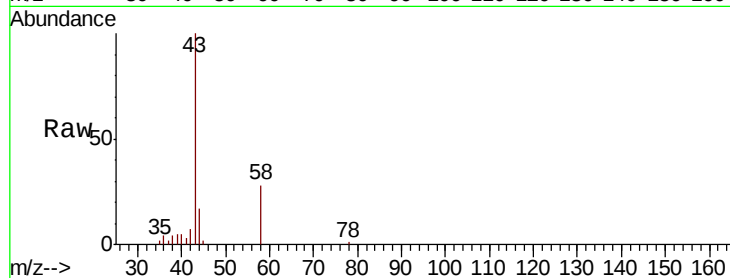
PB115231ZHE#13

Tot Ion: 43 Resp: 17353

Ion Ratio Lower Upper

43 100

58 28.0 24.4 36.6



#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU028436.D

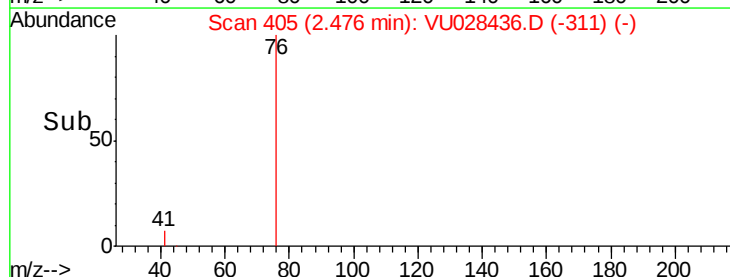
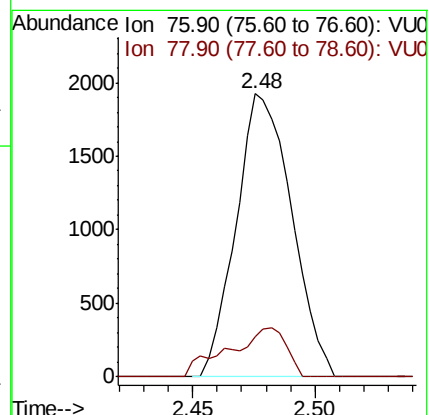
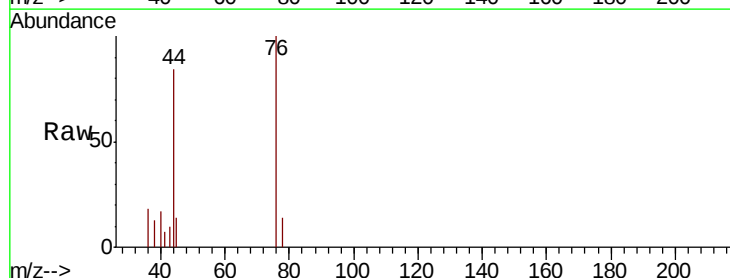
Acq: 03 Dec 2018 13:12

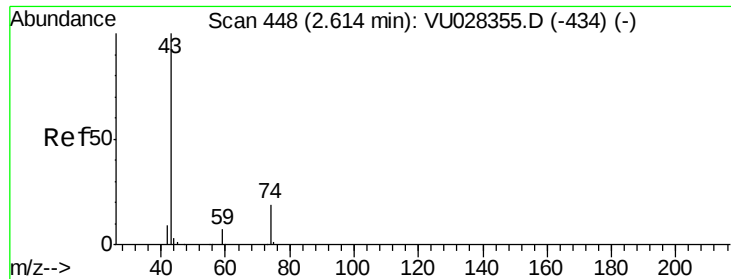
Tgt Ion: 76 Resp: 3044

Ion Ratio Lower Upper

76 100

78 14.1 7.4 11.2#

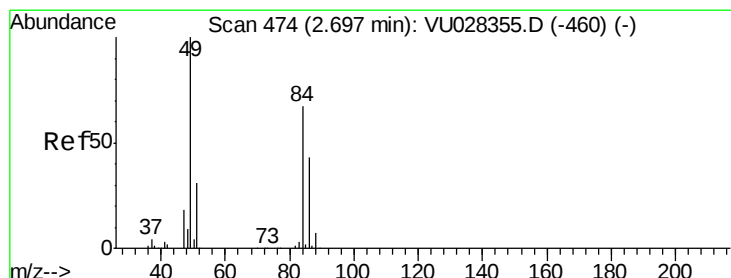
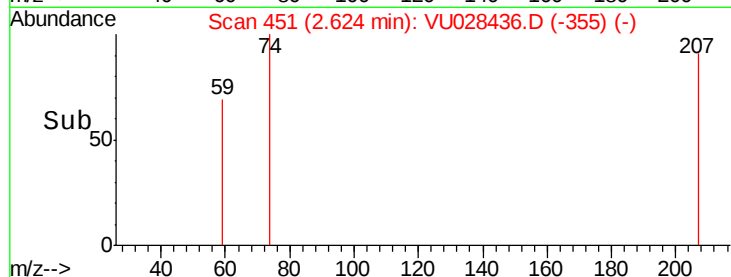
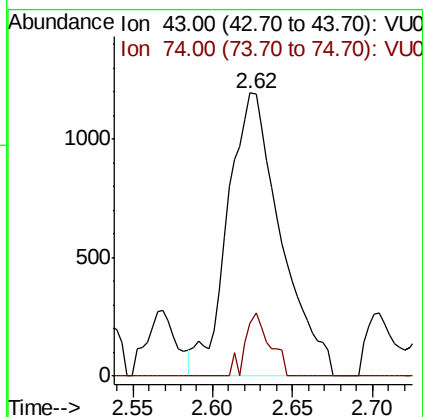
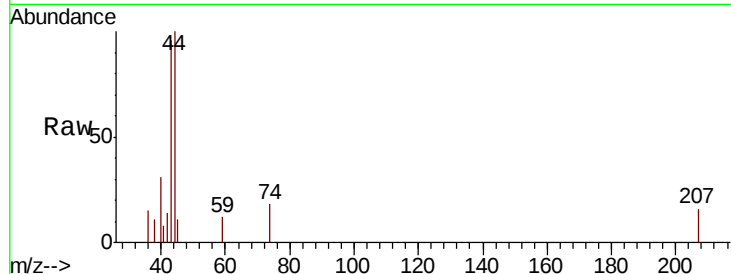




#18
Methyl Acetate
Concen: 0.324 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

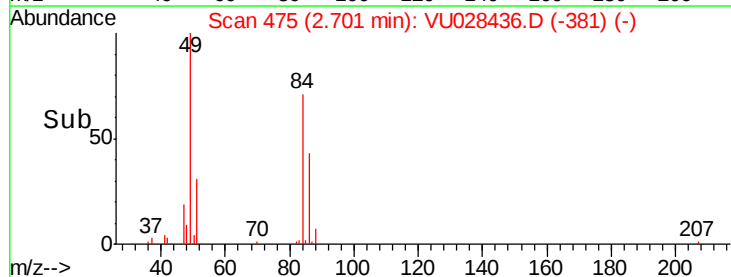
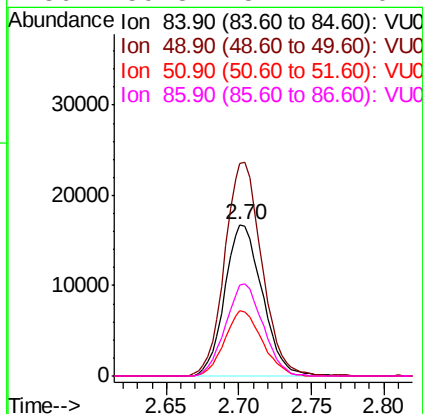
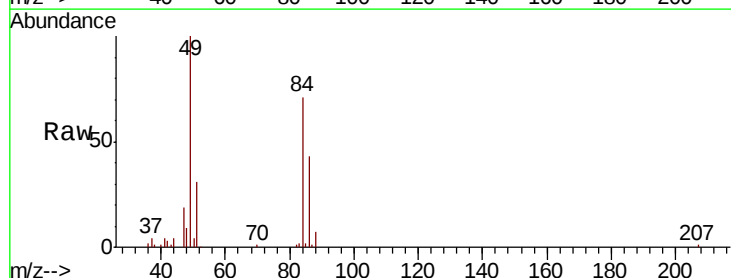
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

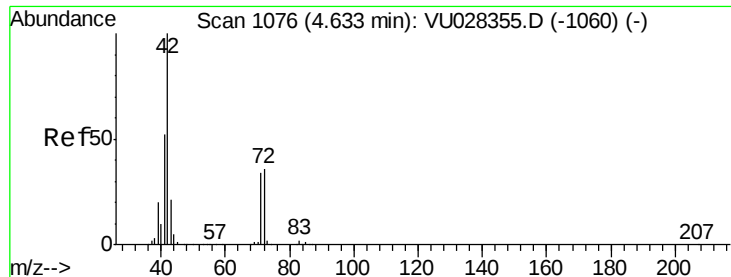
Tot Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
74 10.1 15.3 22.9#



#20
Methylene Chloride
Concen: 7.001 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion: 84 Resp: 30079
Ion Ratio Lower Upper
84 100
49 140.6 120.0 180.0
51 43.0 36.9 55.3
86 59.8 51.1 76.7





#29

Tetrahydrofuran

Concen: 0.703 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

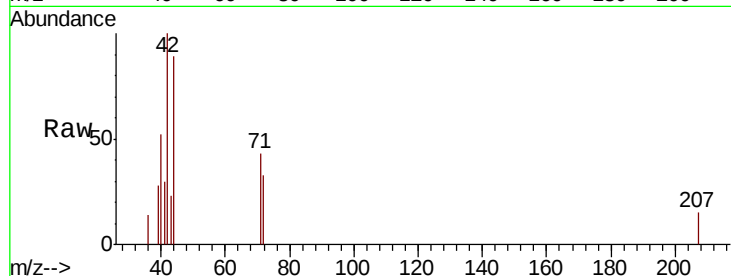
Tot Ion: 42 Resp: 1975

Ion Ratio Lower Upper

42 100

72 16.5 29.5 44.3#

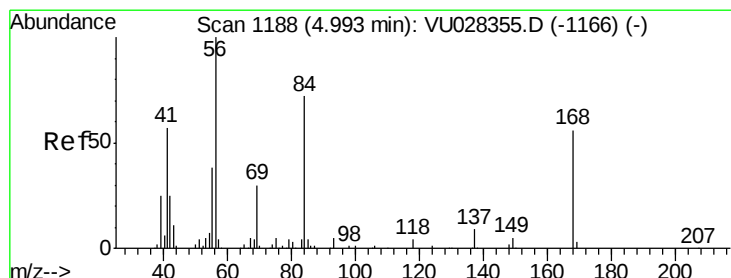
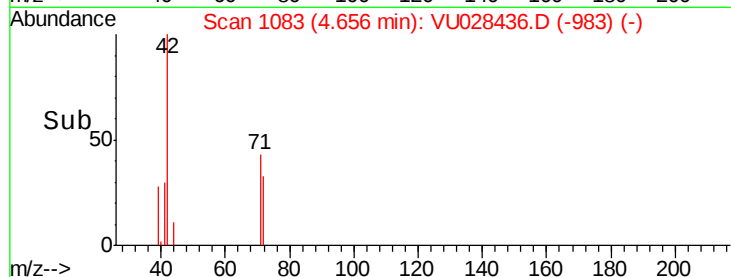
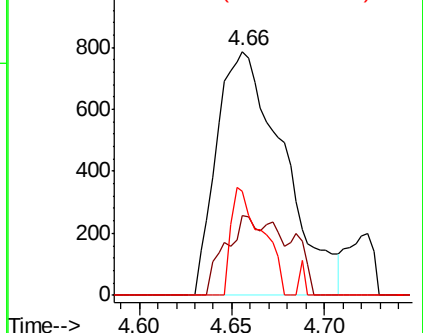
71 20.4 27.7 41.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#31

Cyclohexane

Concen: 0.535 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

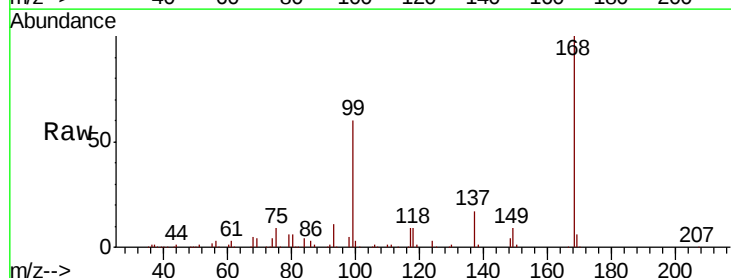
Tgt Ion: 56 Resp: 7529

Ion Ratio Lower Upper

56 100

69 169.9 23.7 35.5#

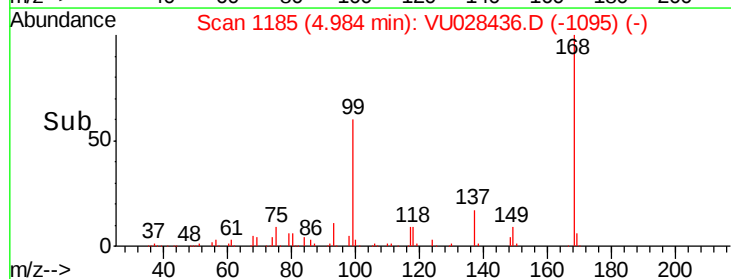
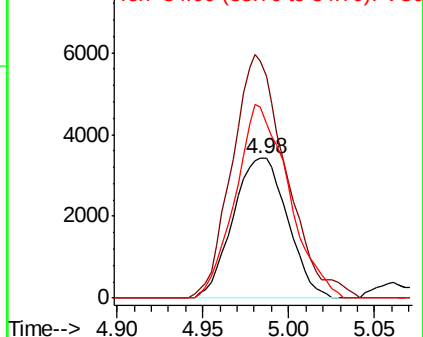
84 136.2 57.3 85.9#

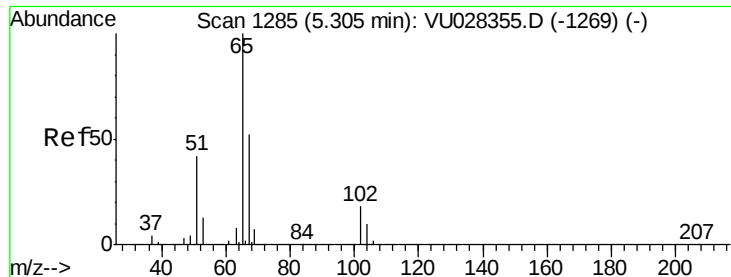


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

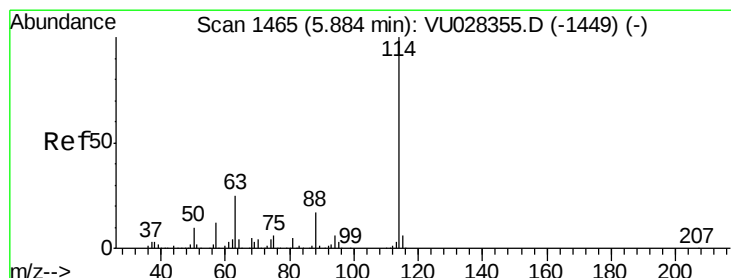
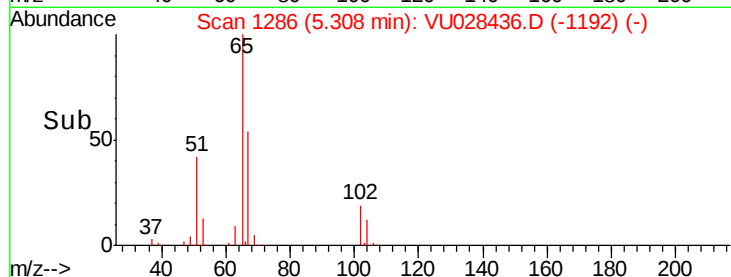
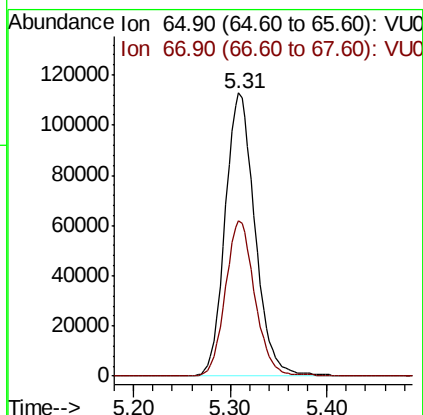
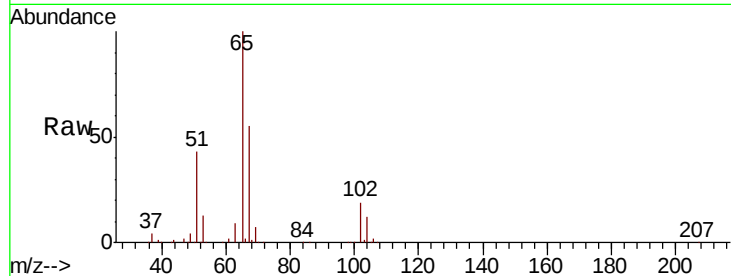




#33
 1,2-Dichloroethane-d4
 Concen: 48.947 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

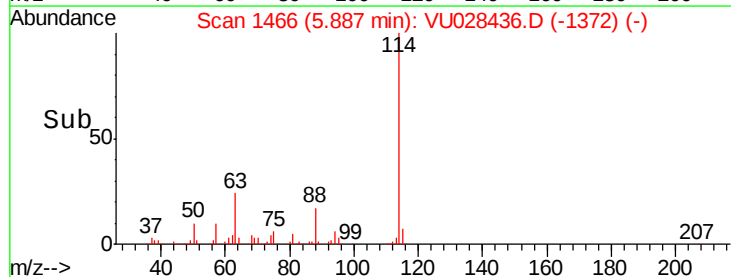
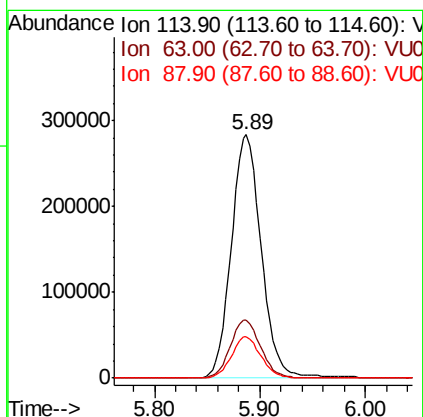
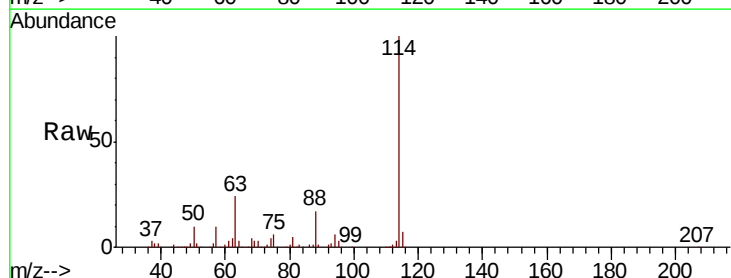
Instrument :
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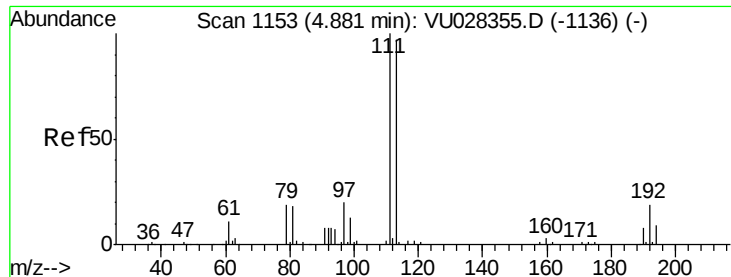
Tot Ion: 65 Resp: 241522
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Tgt Ion: 114 Resp: 557633
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.0
 88 17.1 0.0 34.4

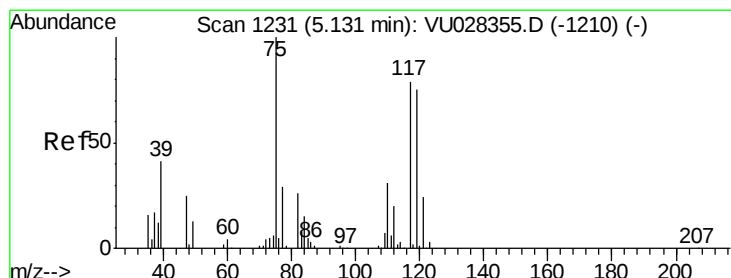
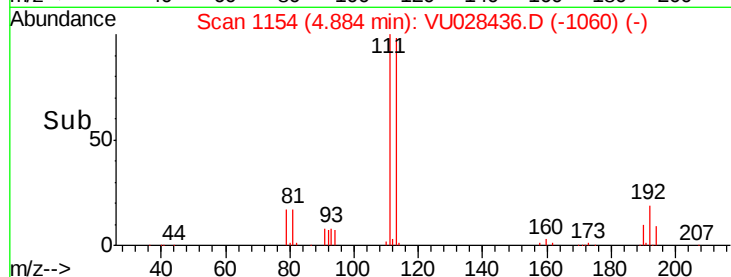
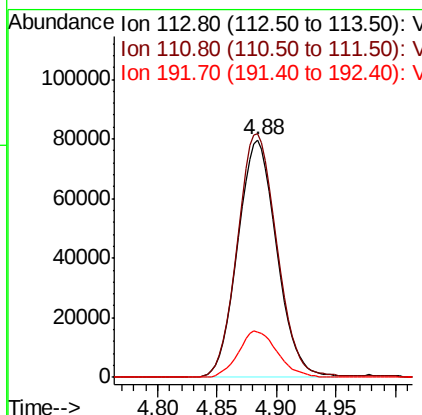
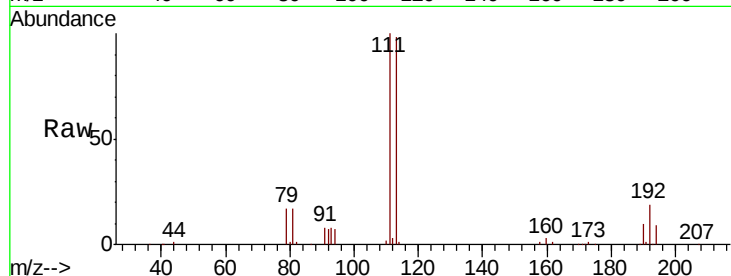




#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

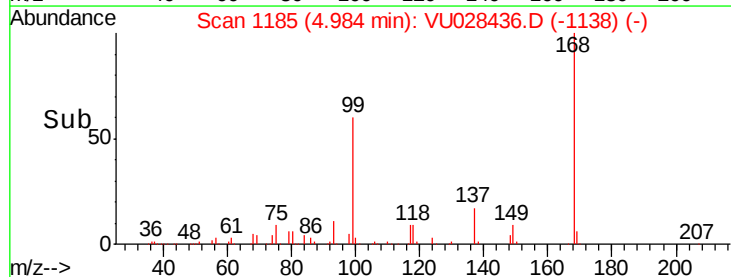
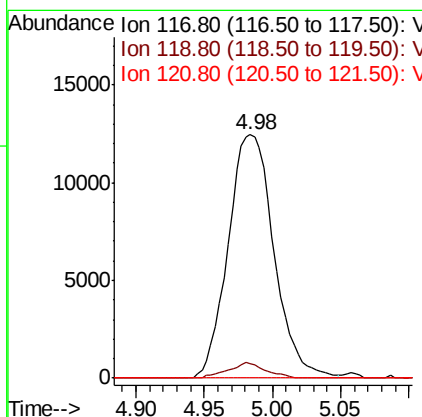
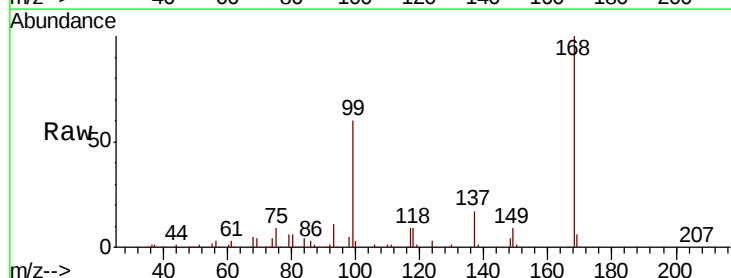
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

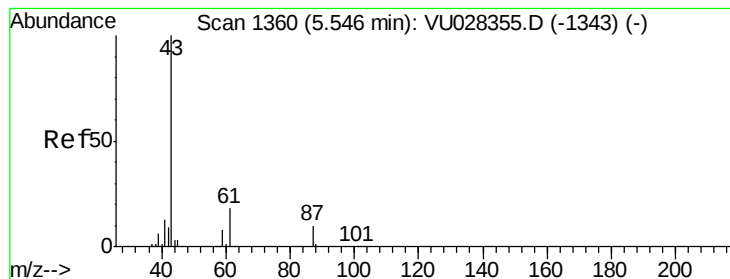
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	19.5	15.4	23.0



#38
Carbon Tetrachloride
Concen: 5.793 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.3	114.5#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 2.567 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

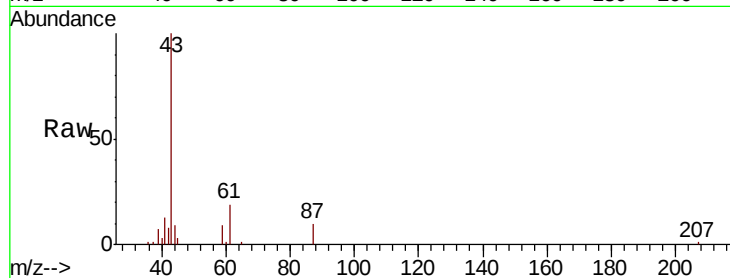
Tot Ion: 43 Resp: 33829

Ion Ratio Lower Upper

43 100

61 19.3 14.5 21.7

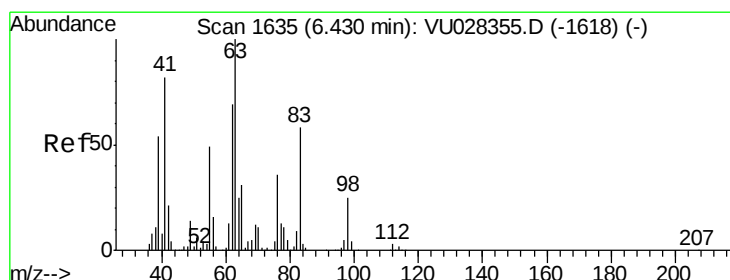
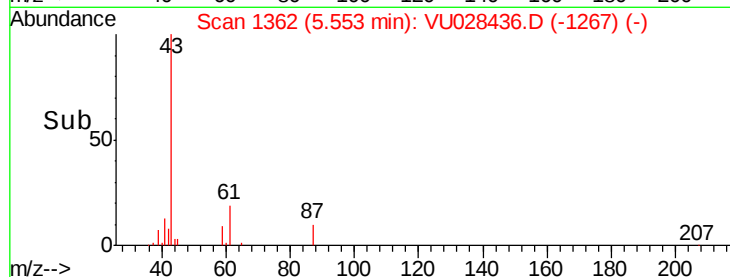
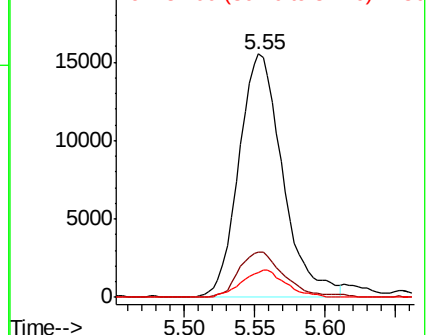
87 11.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#45

1,2-Dichloropropane

Concen: 0.491 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU028436.D

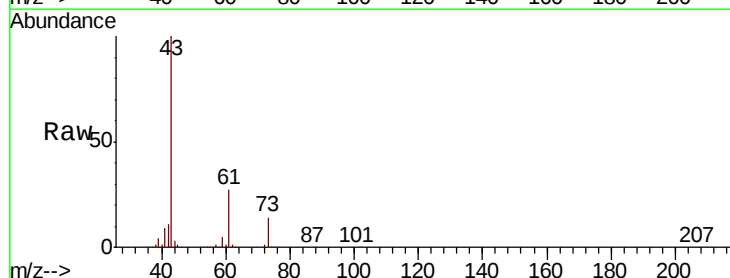
Acq: 03 Dec 2018 13:12

Tgt Ion: 63 Resp: 2600

Ion Ratio Lower Upper

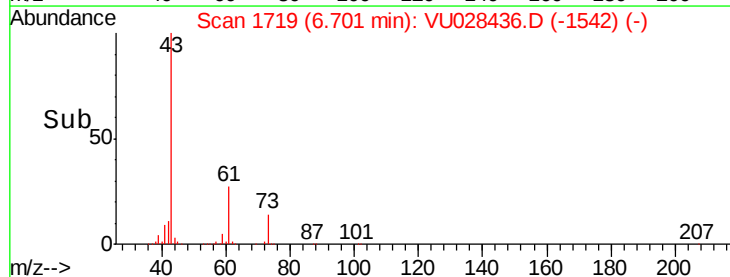
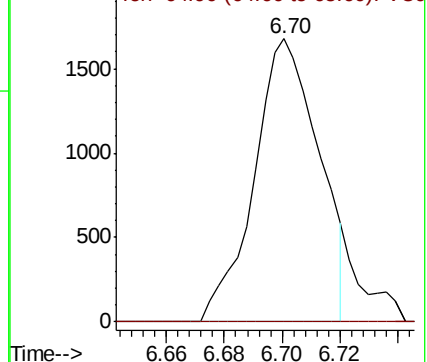
63 100

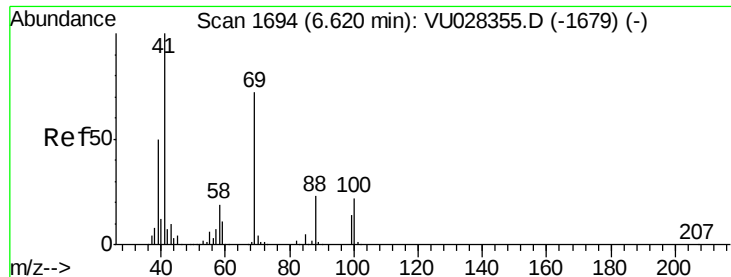
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0





#48

Methyl methacrylate

Concen: 30.020 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

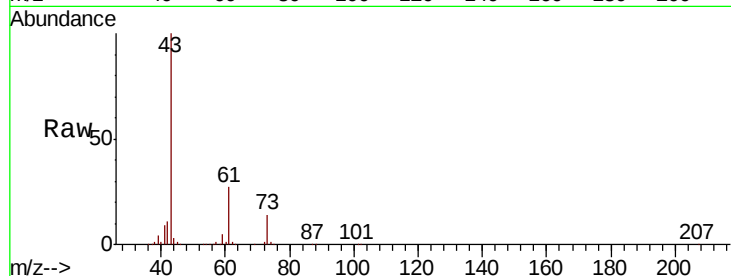
Tot Ion: 41 Resp: 206064

Ion Ratio Lower Upper

41 100

69 0.1 59.0 88.4#

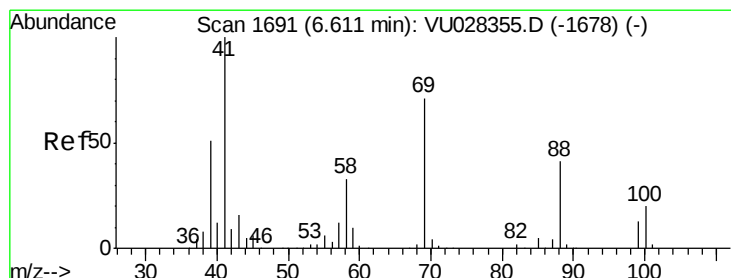
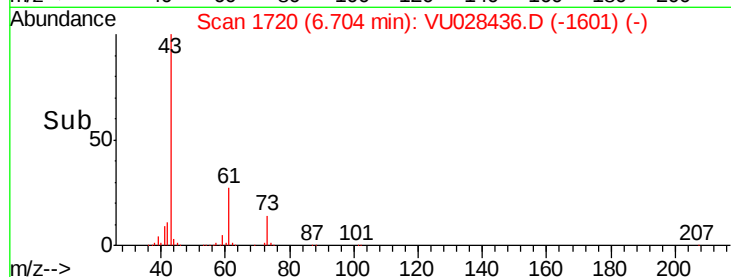
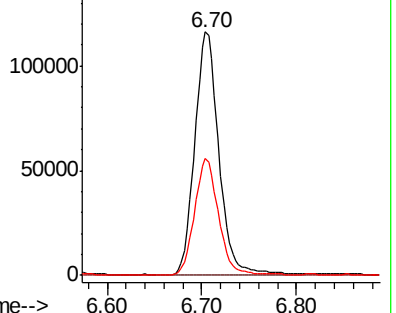
39 48.1 40.5 60.7



Abundance Ion 41.00 (40.70 to 41.70): VU028436.D (-1601) (-)

Ion 69.00 (68.70 to 69.70): VU028436.D (-1601) (-)

Ion 39.00 (38.70 to 39.70): VU028436.D (-1601) (-)



#49

1,4-Dioxane

Concen: 1.413 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

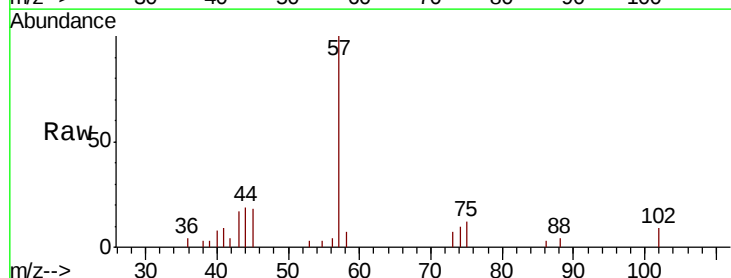
Tgt Ion: 88 Resp: 155

Ion Ratio Lower Upper

88 100

43 0.0 32.6 48.8#

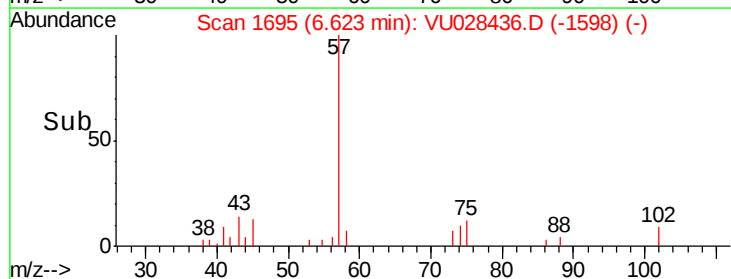
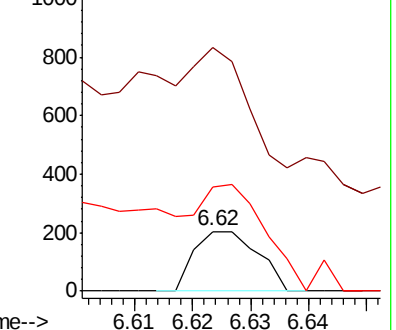
58 209.0 68.7 103.1#

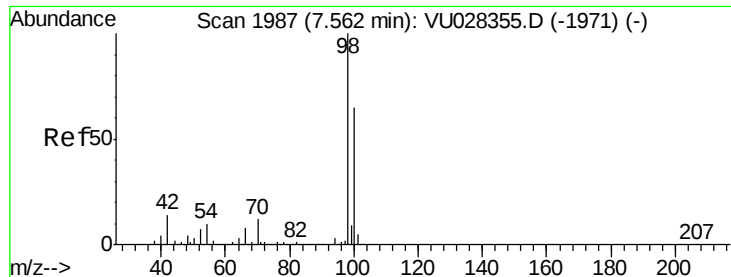


Abundance Ion 88.00 (87.70 to 88.70): VU028436.D (-1598) (-)

Ion 43.00 (42.70 to 43.70): VU028436.D (-1598) (-)

Ion 58.00 (57.70 to 58.70): VU028436.D (-1598) (-)





#50

Toluene-d8

Concen: 48.720 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

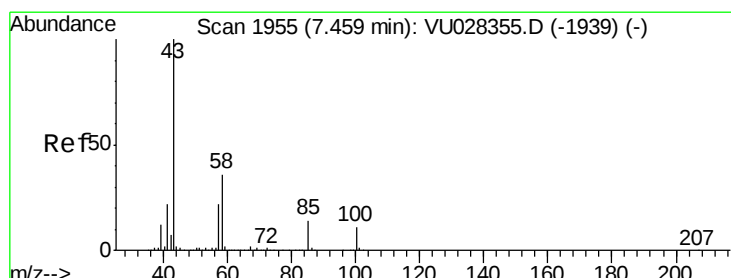
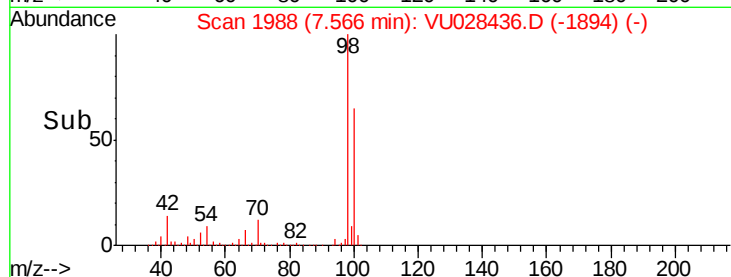
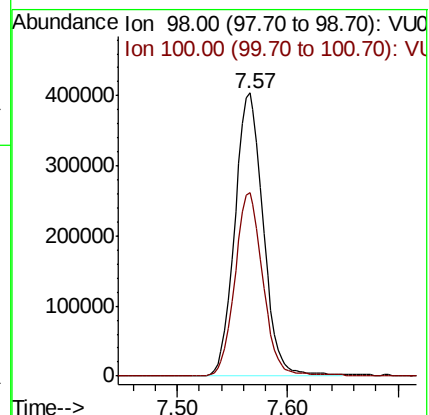
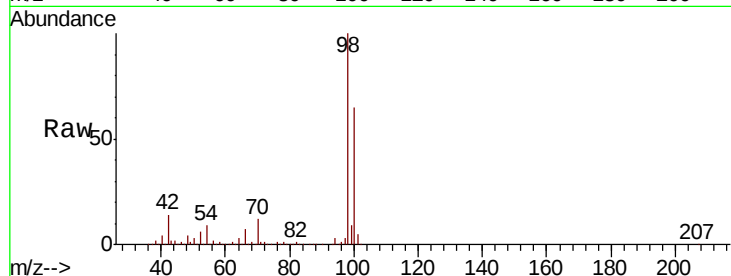
PB115231ZHE#13

Tot Ion: 98 Resp: 722489

Ion Ratio Lower Upper

98 100

100 64.2 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 18.991 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU028436.D

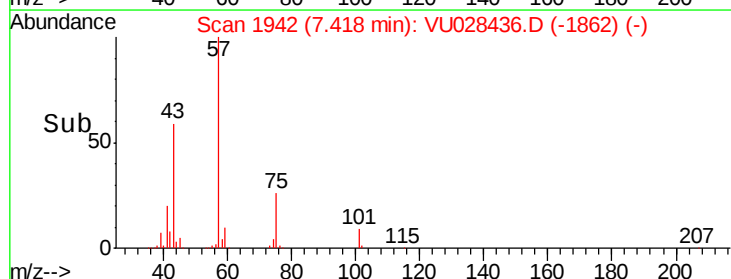
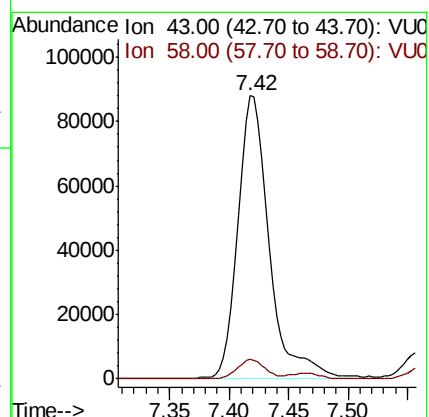
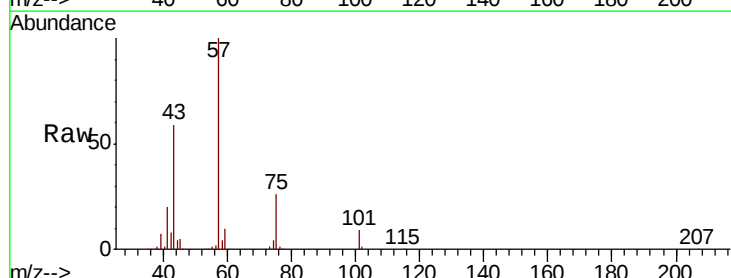
Acq: 03 Dec 2018 13:12

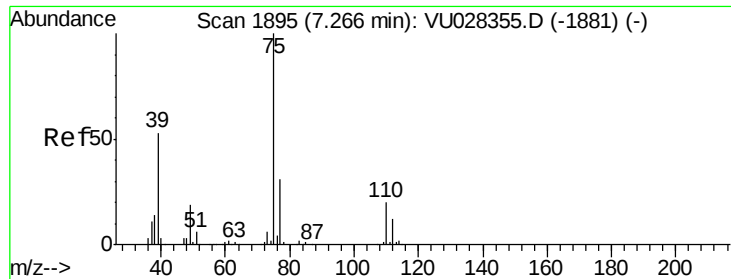
Tgt Ion: 43 Resp: 159837

Ion Ratio Lower Upper

43 100

58 6.1 28.8 43.2#



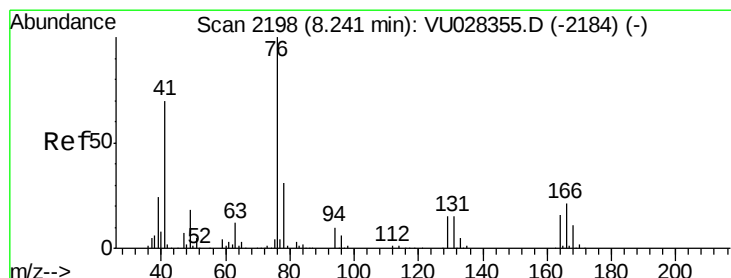
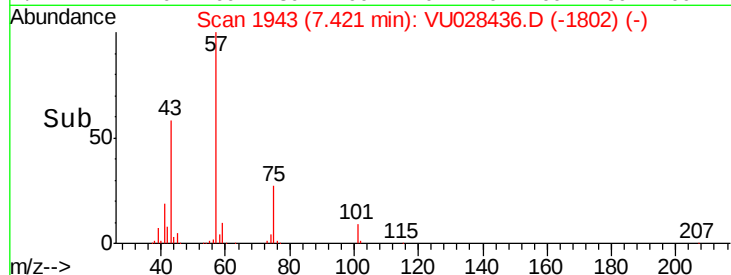
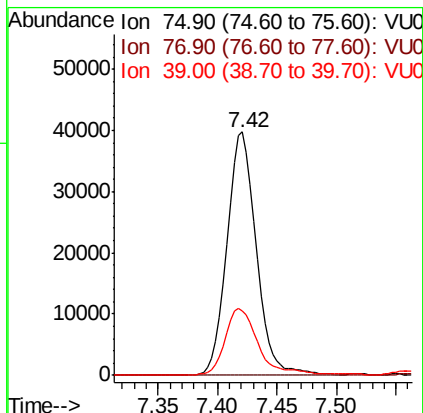
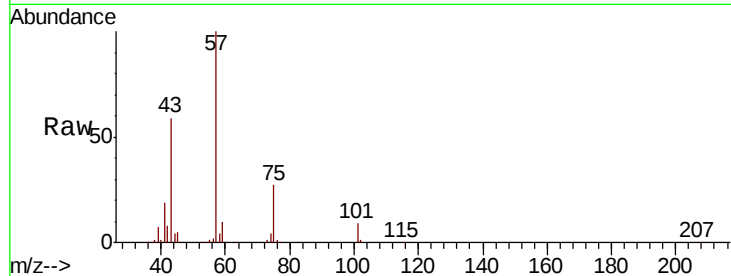


#54

cis-1,3-Dichloropropene
 Concen: 8.778 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

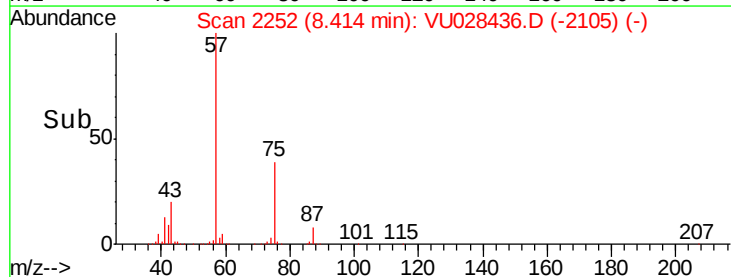
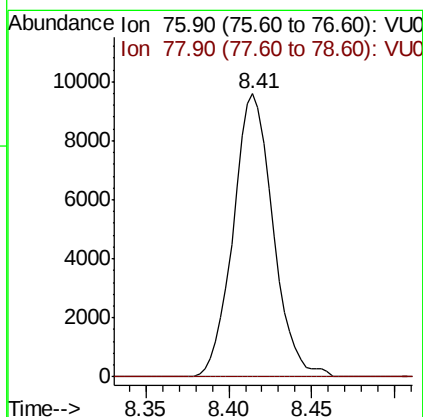
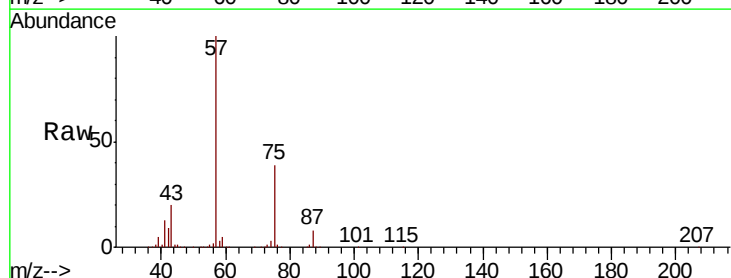
Tot Ion: 75 Resp: 67994
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.9 37.3#
 39 26.7 42.6 64.0#

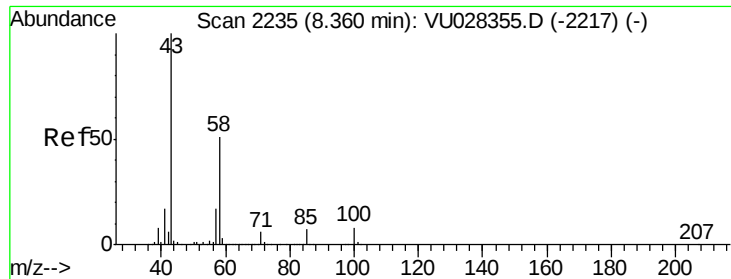


#57

1,3-Dichloropropane
 Concen: 2.019 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Tgt Ion: 76 Resp: 16038
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#





#59

2-Hexanone

Concen: 37.048 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.05 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

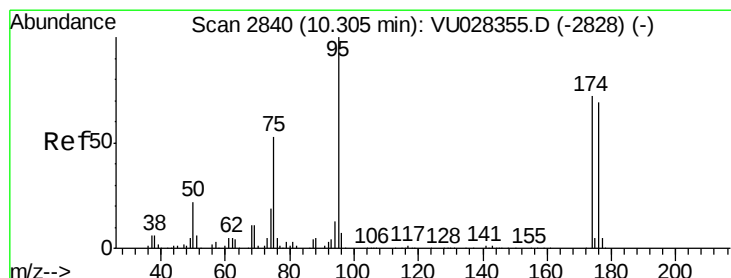
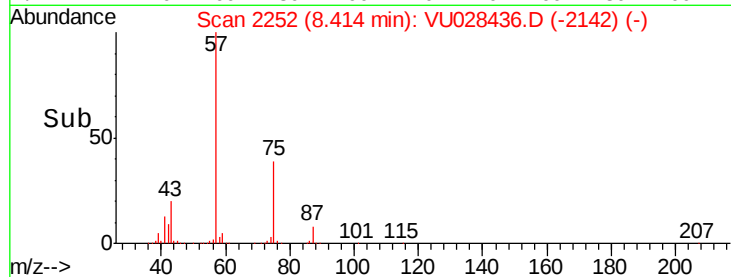
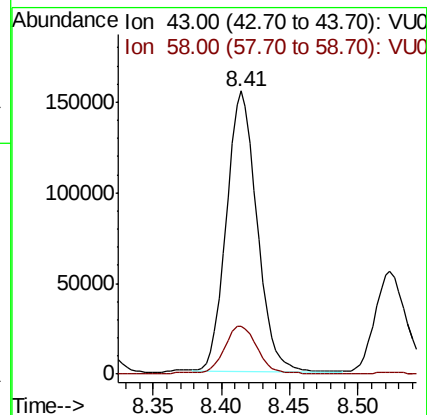
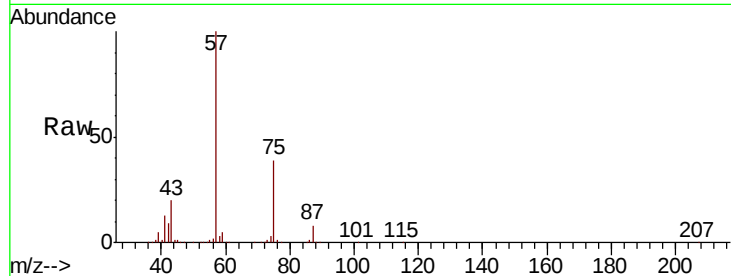
PB115231ZHE#13

Tot Ion: 43 Resp: 241525

Ion Ratio Lower Upper

43 100

58 19.4 25.5 76.5#



#62

4-Bromofluorobenzene

Concen: 48.174 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

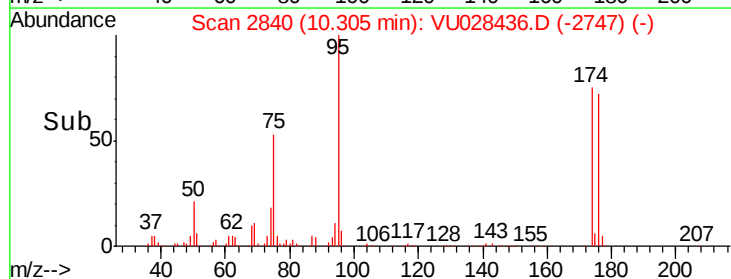
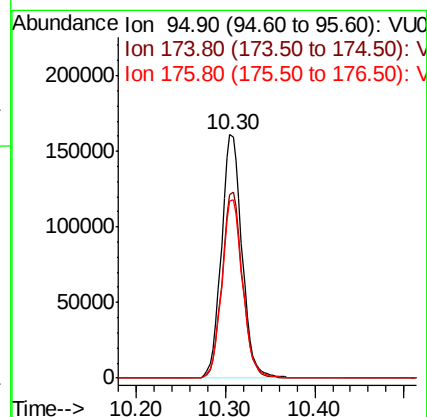
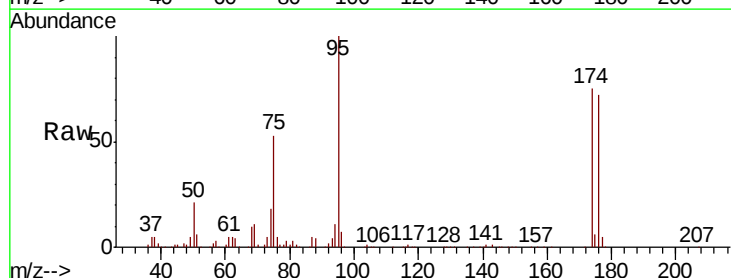
Tgt Ion: 95 Resp: 257487

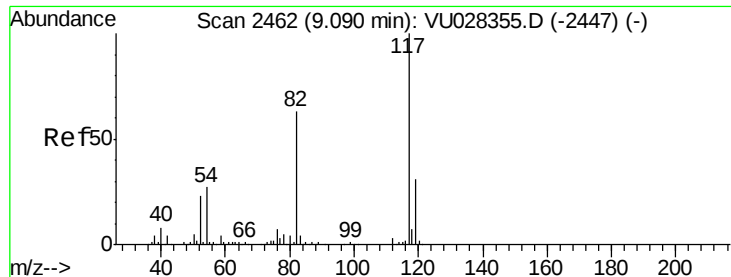
Ion Ratio Lower Upper

95 100

174 75.8 0.0 145.4

176 73.5 0.0 140.8

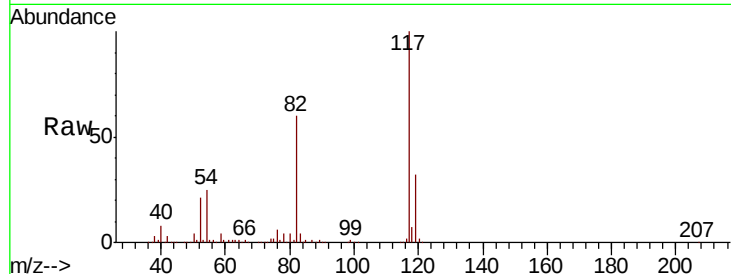




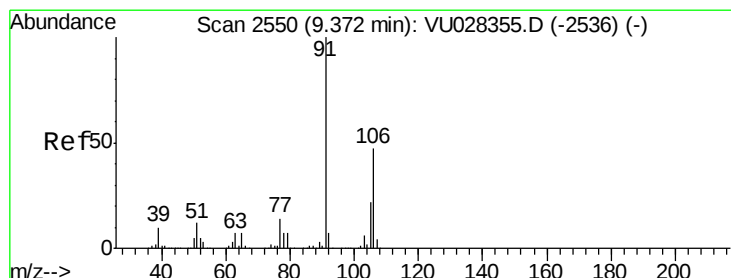
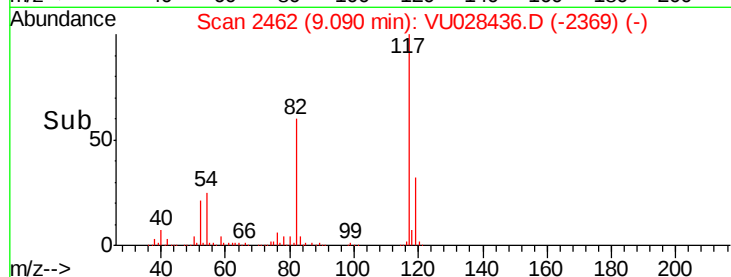
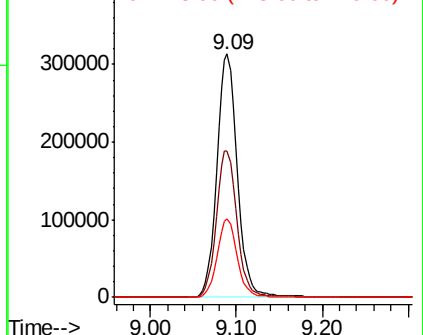
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

Tot Ion:117 Resp: 519645
Ion Ratio Lower Upper
117 100
82 59.9 50.3 75.5
119 32.4 24.8 37.2

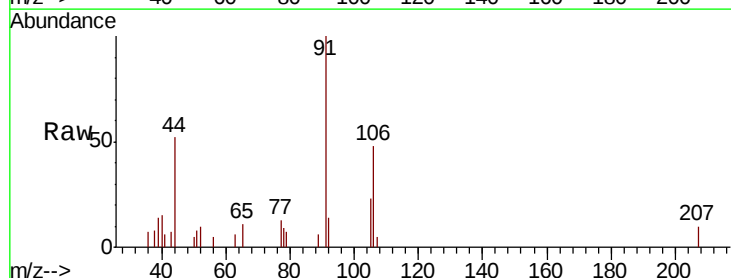


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

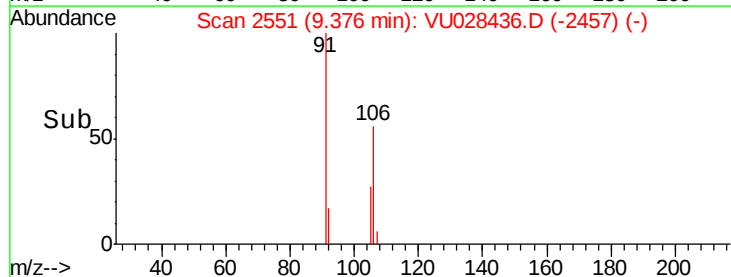
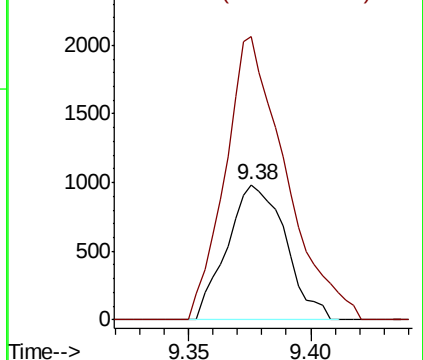


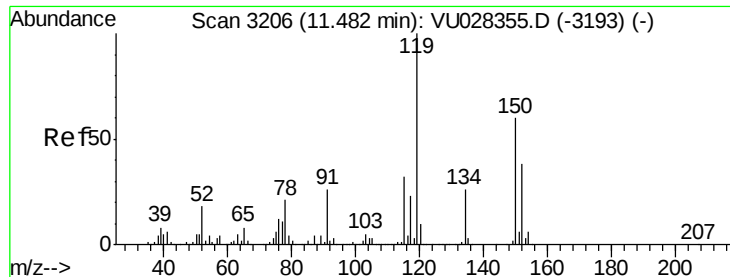
#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion:106 Resp: 1629
Ion Ratio Lower Upper
106 100
91 218.5 171.0 256.6



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: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

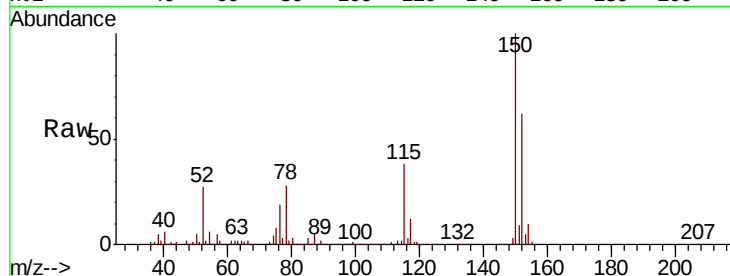
Tot Ion:152 Resp: 240296

Ion Ratio Lower Upper

152 100

115 61.1 45.0 134.8

150 156.8 0.0 349.2

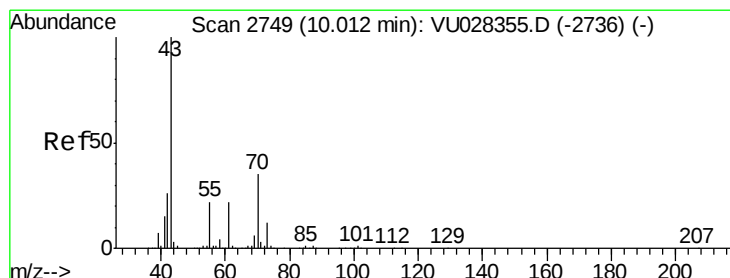
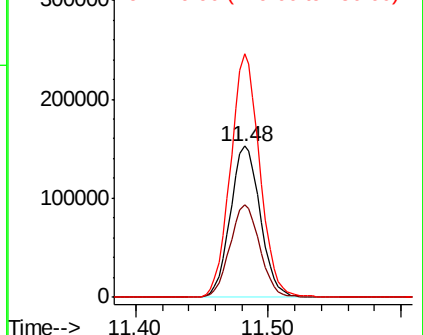
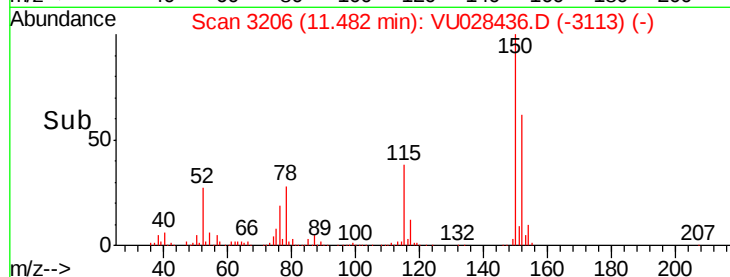


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.268 ug/l

RT: 10.02 min Scan# 2751

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Tgt Ion: 43 Resp: 3134

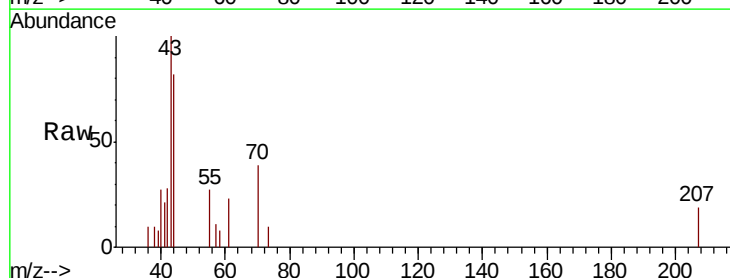
Ion Ratio Lower Upper

43 100

70 30.2 28.4 42.6

55 12.9 18.0 27.0#

61 10.6 17.6 26.4#



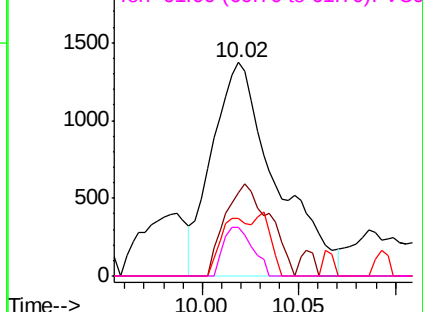
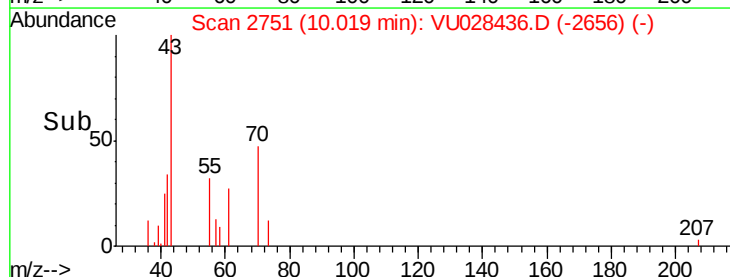
Abundance

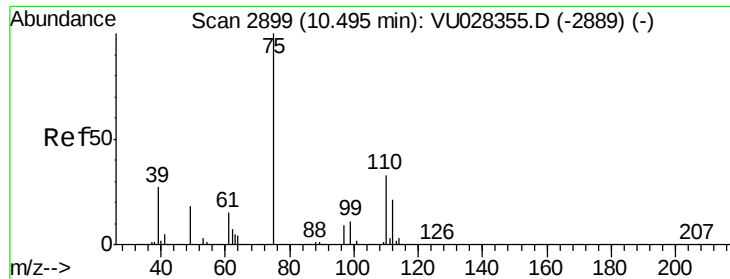
Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

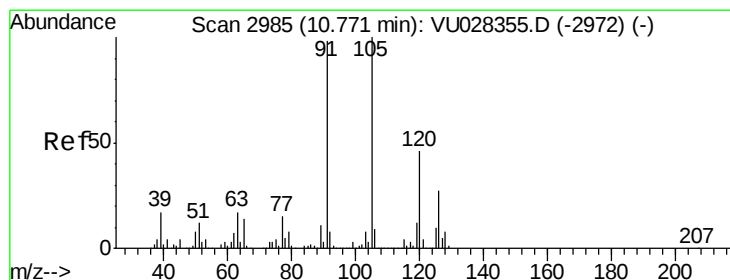
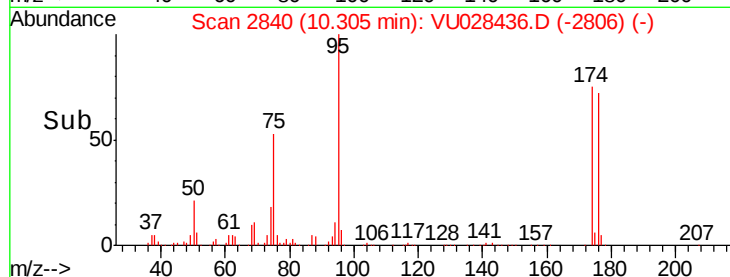
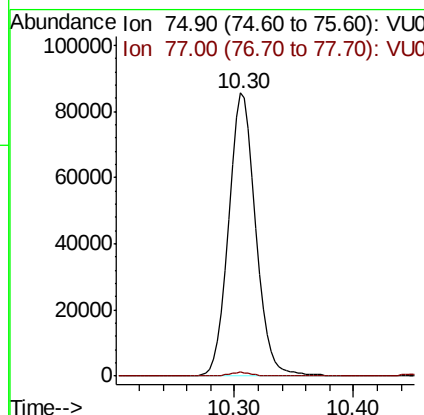
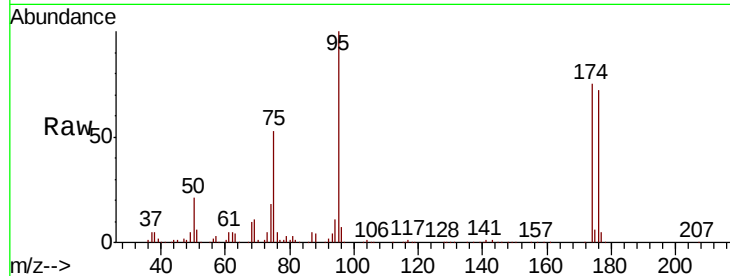




#76
 1,2,3-Trichloropropane
 Concen: 20.272 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

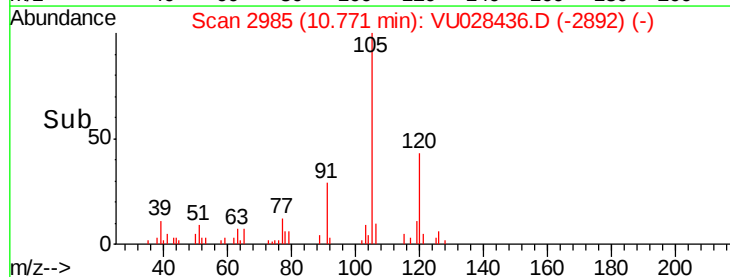
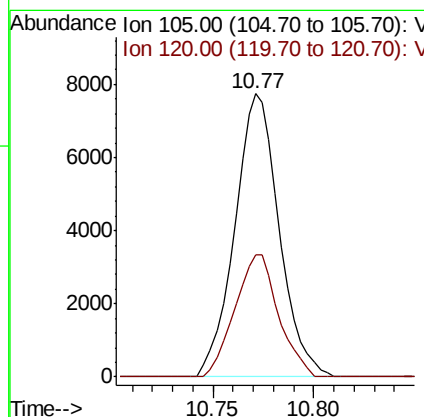
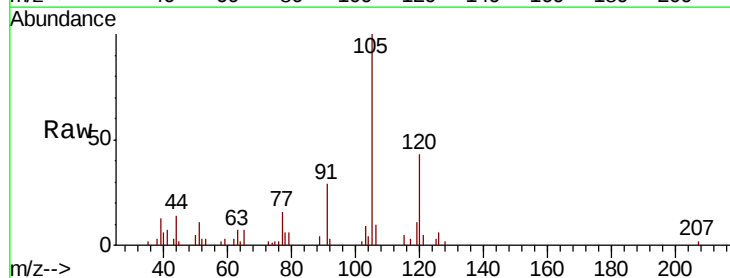
Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

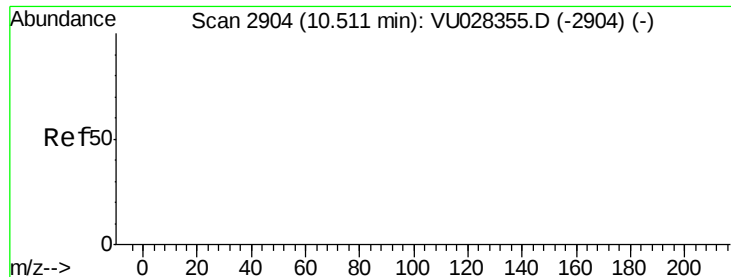
Tot Ion: 75 Resp: 135085
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.4 67.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.755 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Tgt Ion: 105 Resp: 11889
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.4 70.0

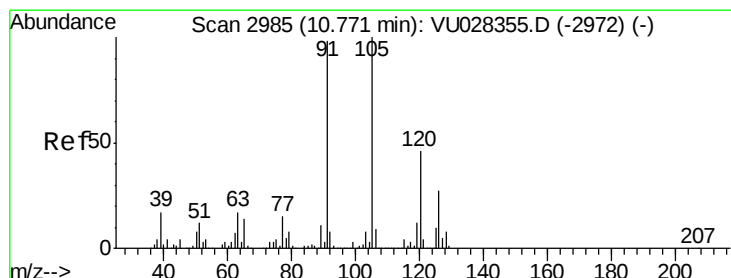
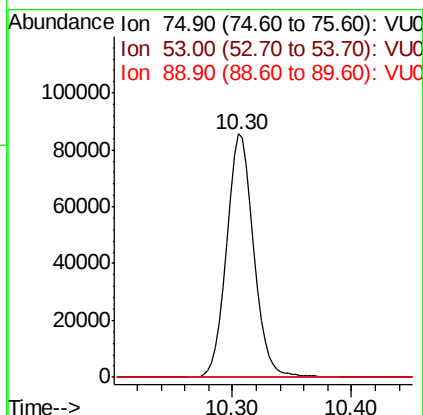
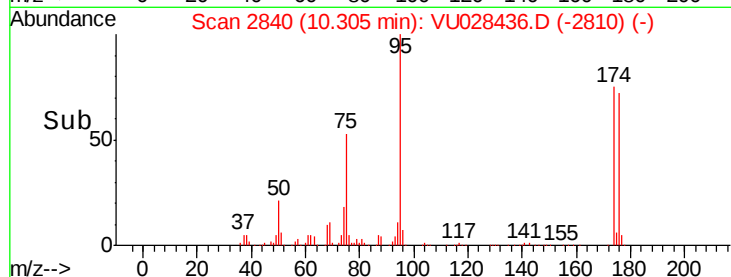
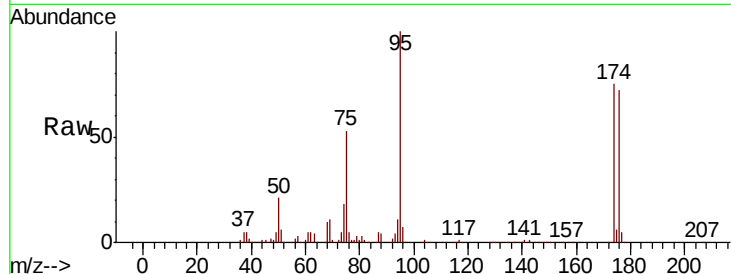




#81
trans-1,4-Dichloro-2-butene
Concen: 53.812 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

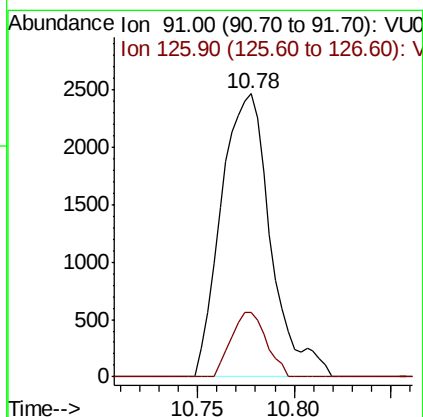
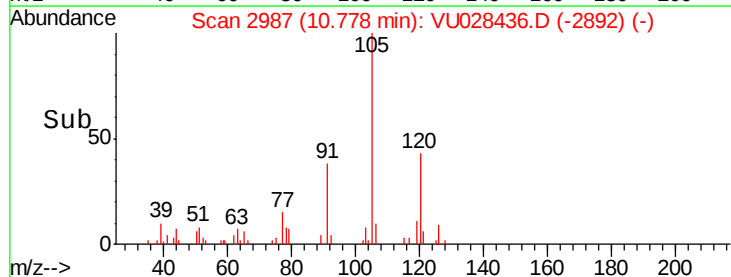
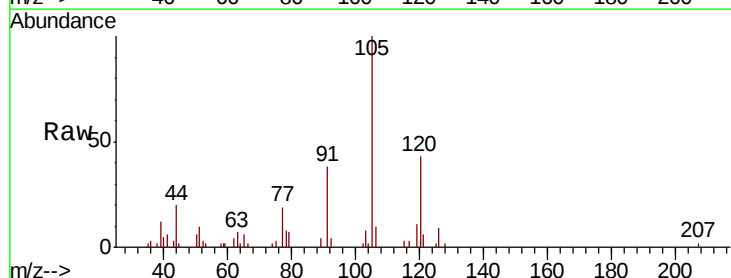
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

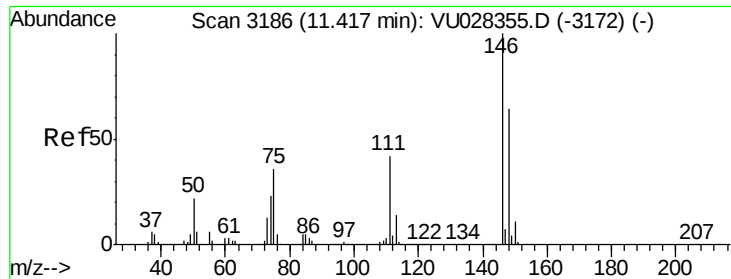
Tot Ion: 75 Resp: 135085
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.280 ug/l
RT: 10.78 min Scan# 2987
Delta R.T. 0.01 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion: 91 Resp: 4386
Ion Ratio Lower Upper
91 100
126 16.2 13.9 41.6





#87

1,3-Dichlorobenzene

Concen: 0.269 ug/l

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

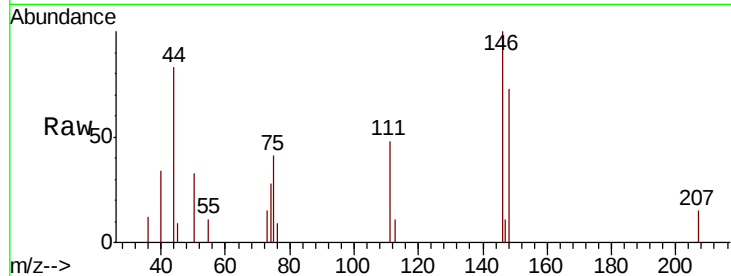
Tot Ion:146 Resp: 2163

Ion Ratio Lower Upper

146 100

111 48.5 20.8 62.4

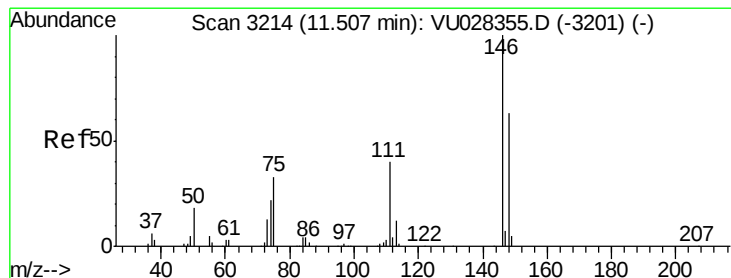
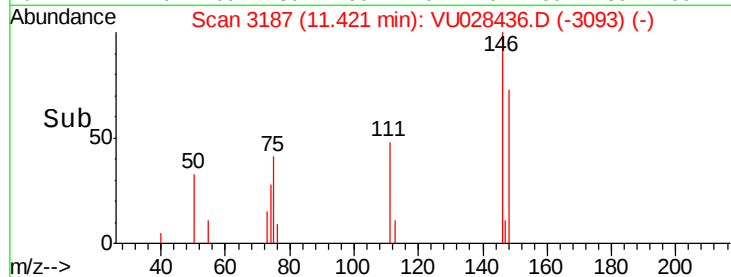
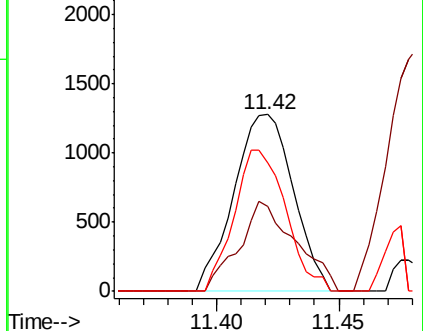
148 69.4 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 0.268 ug/l

RT: 11.42 min Scan# 3187

Delta R.T. -0.09 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

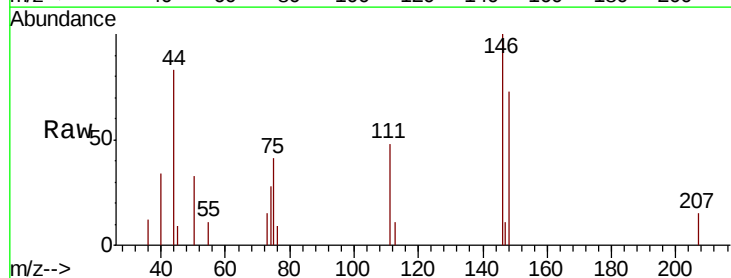
Tgt Ion:146 Resp: 2163

Ion Ratio Lower Upper

146 100

111 48.5 20.6 61.9

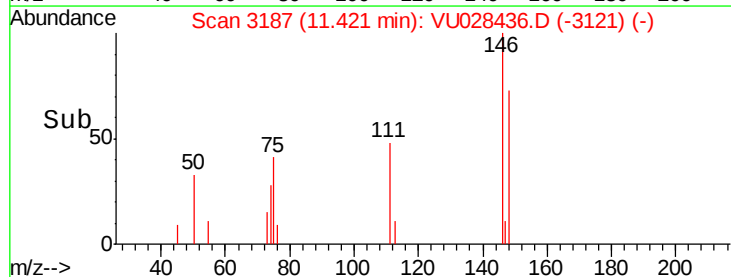
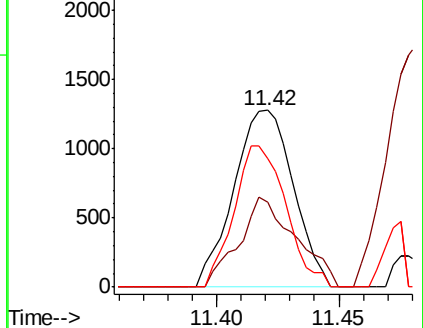
148 69.4 31.1 93.5

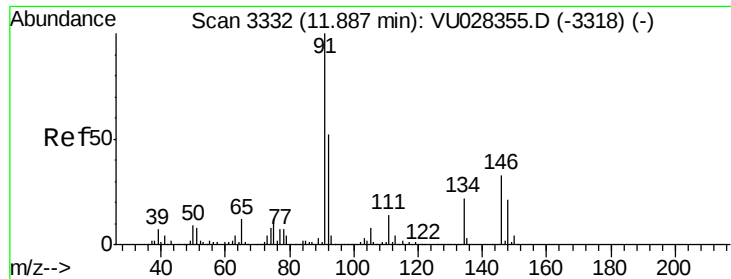


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

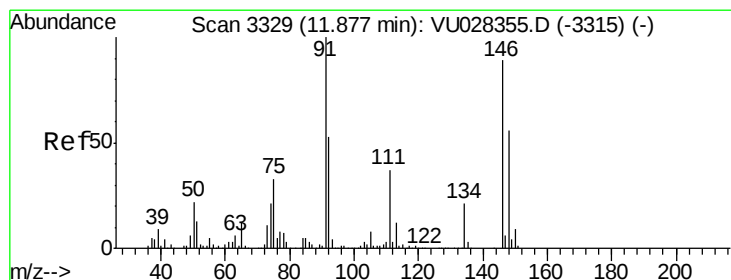
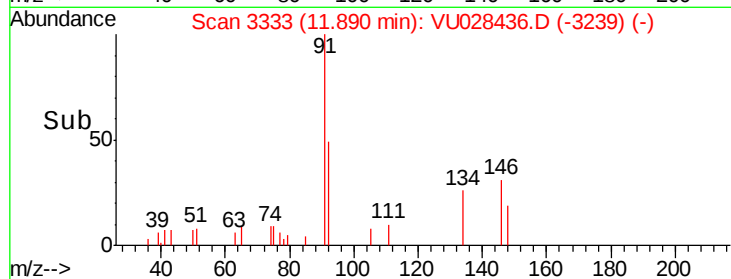
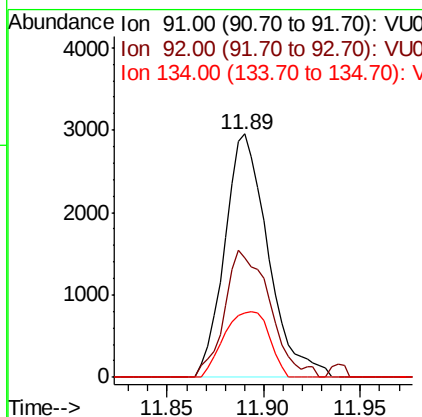
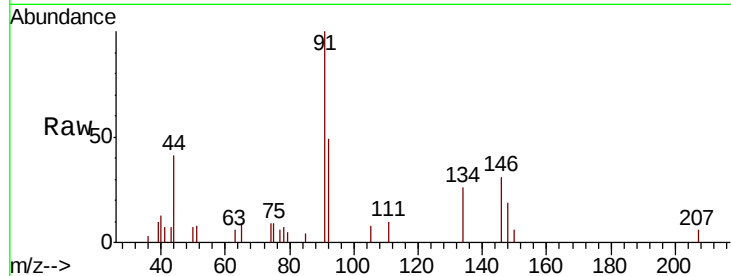




#89
n-Butylbenzene
Concen: 0.298 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

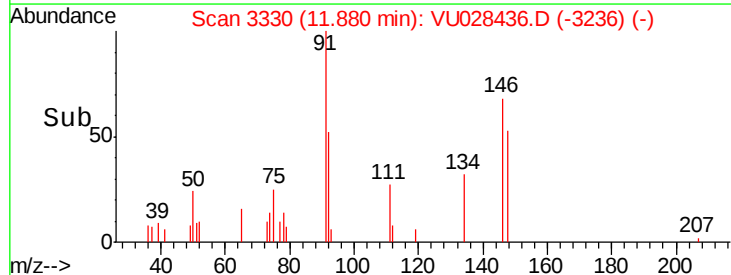
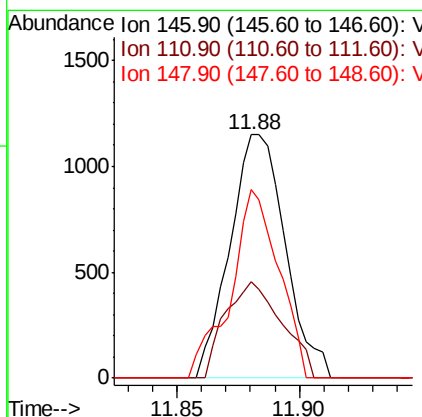
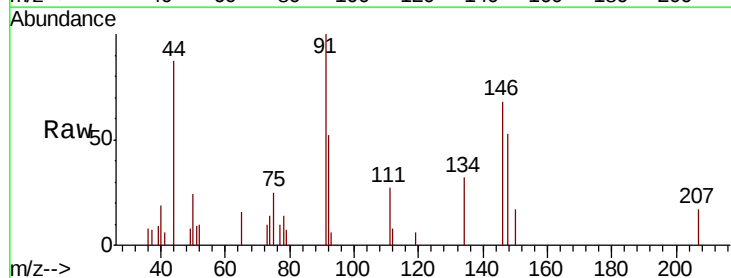
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

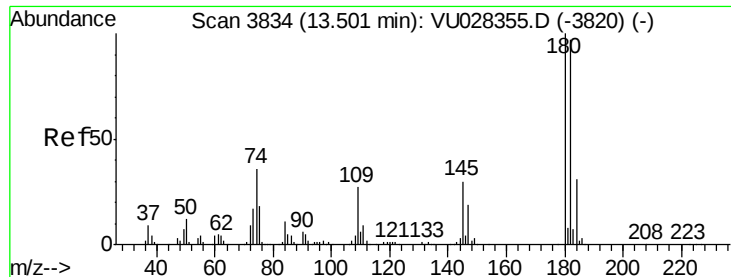
Tot Ion: 91 Resp: 4607
Ion Ratio Lower Upper
91 100
92 54.4 26.2 78.5
134 28.2 11.1 33.1



#91
1,2-Dichlorobenzene
Concen: 0.226 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion: 146 Resp: 1808
Ion Ratio Lower Upper
146 100
111 40.8 21.4 64.3
148 67.0 32.2 96.6

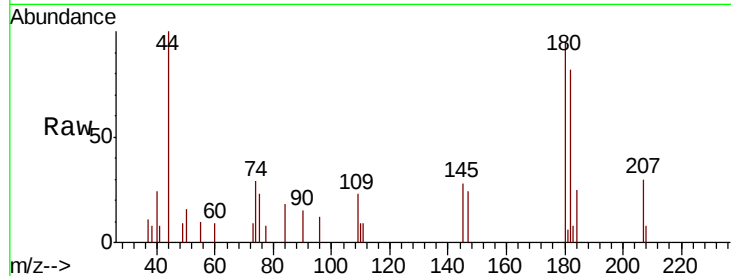




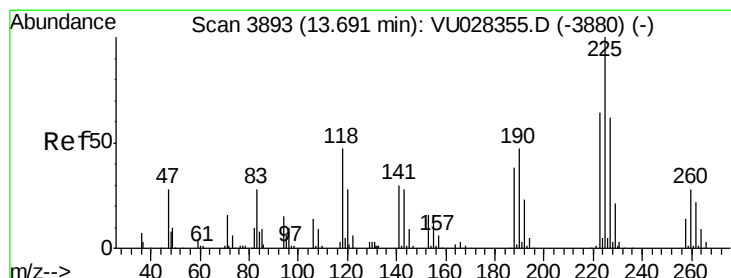
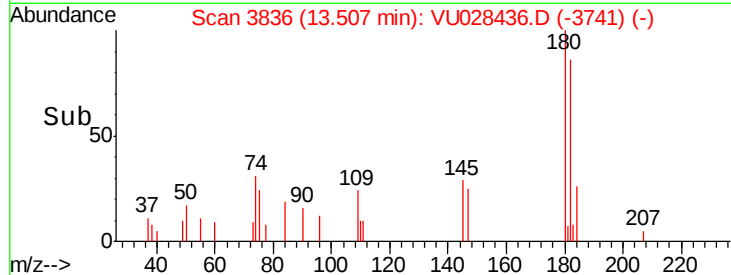
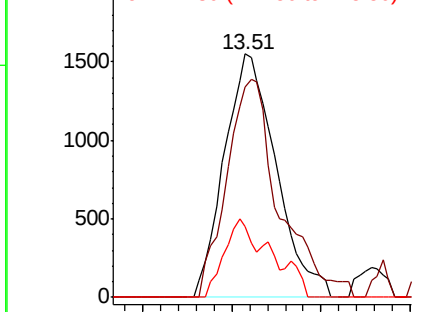
#93
 1,2,4-Trichlorobenzene
 Concen: 0.596 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

Tot Ion:180 Resp: 3126
 Ion Ratio Lower Upper
 180 100
 182 91.0 48.3 144.9
 145 17.6 15.2 45.5

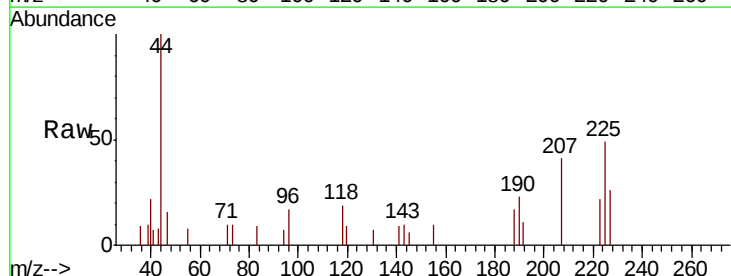


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

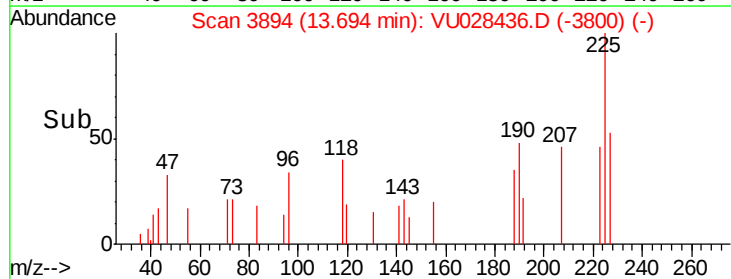
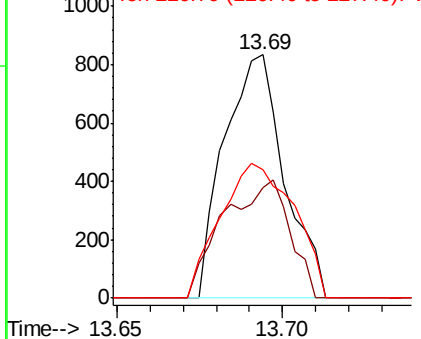


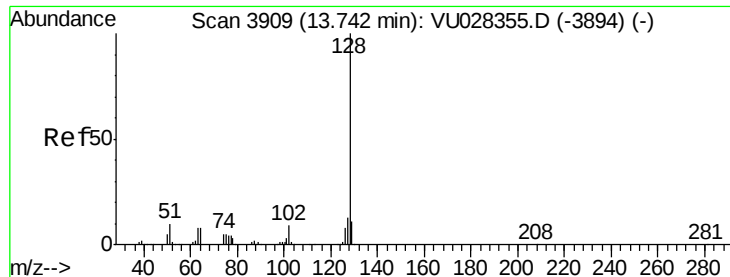
#94
 Hexachlorobutadiene
 Concen: 0.425 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Tgt Ion:225 Resp: 1053
 Ion Ratio Lower Upper
 225 100
 223 53.5 31.6 94.7
 227 68.0 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.282 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

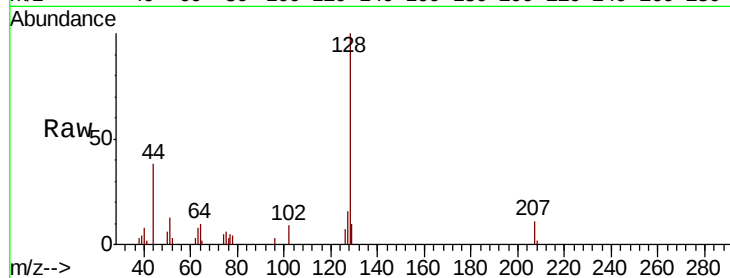
Tot Ion:128 Resp: 9580

Ion Ratio Lower Upper

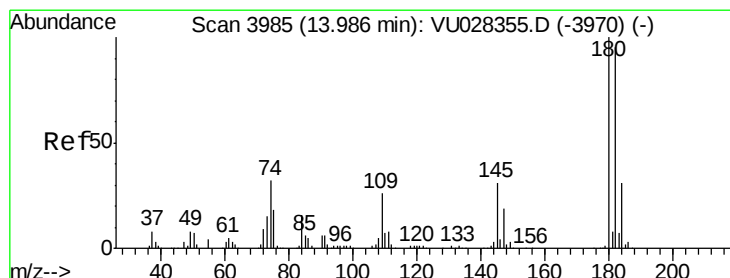
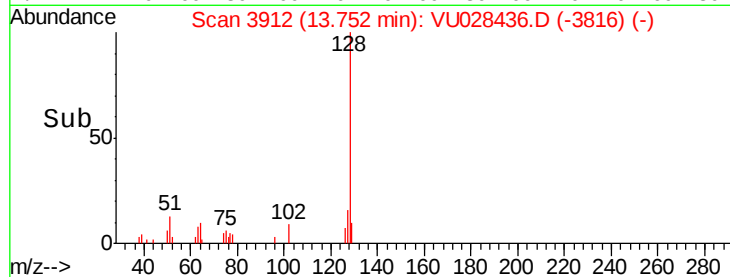
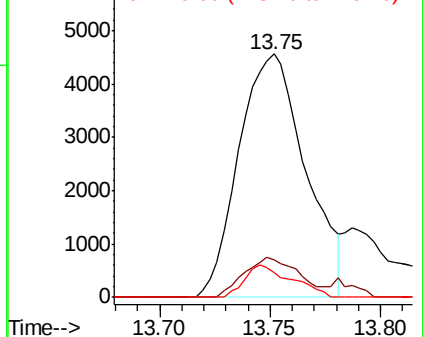
128 100

127 13.1 10.6 15.8

129 9.3 8.6 12.8



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: 0.663 ug/l

RT: 14.00 min Scan# 3988

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

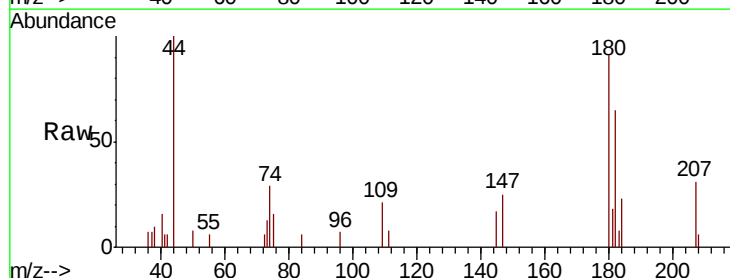
Tgt Ion:180 Resp: 3515

Ion Ratio Lower Upper

180 100

182 79.0 47.7 143.1

145 20.5 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

