

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028366.D
 Acq On : 28 Nov 2018 15:19
 Operator : MD/SY
 Sample : PB115109TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109TB

Quant Time: Nov 29 06:16:32 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	246539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	463442	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	415748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	161925	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	213136	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
35) Dibromofluoromethane	4.88	113	154388	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	7.57	98	608889	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	10.30	95	203548	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	

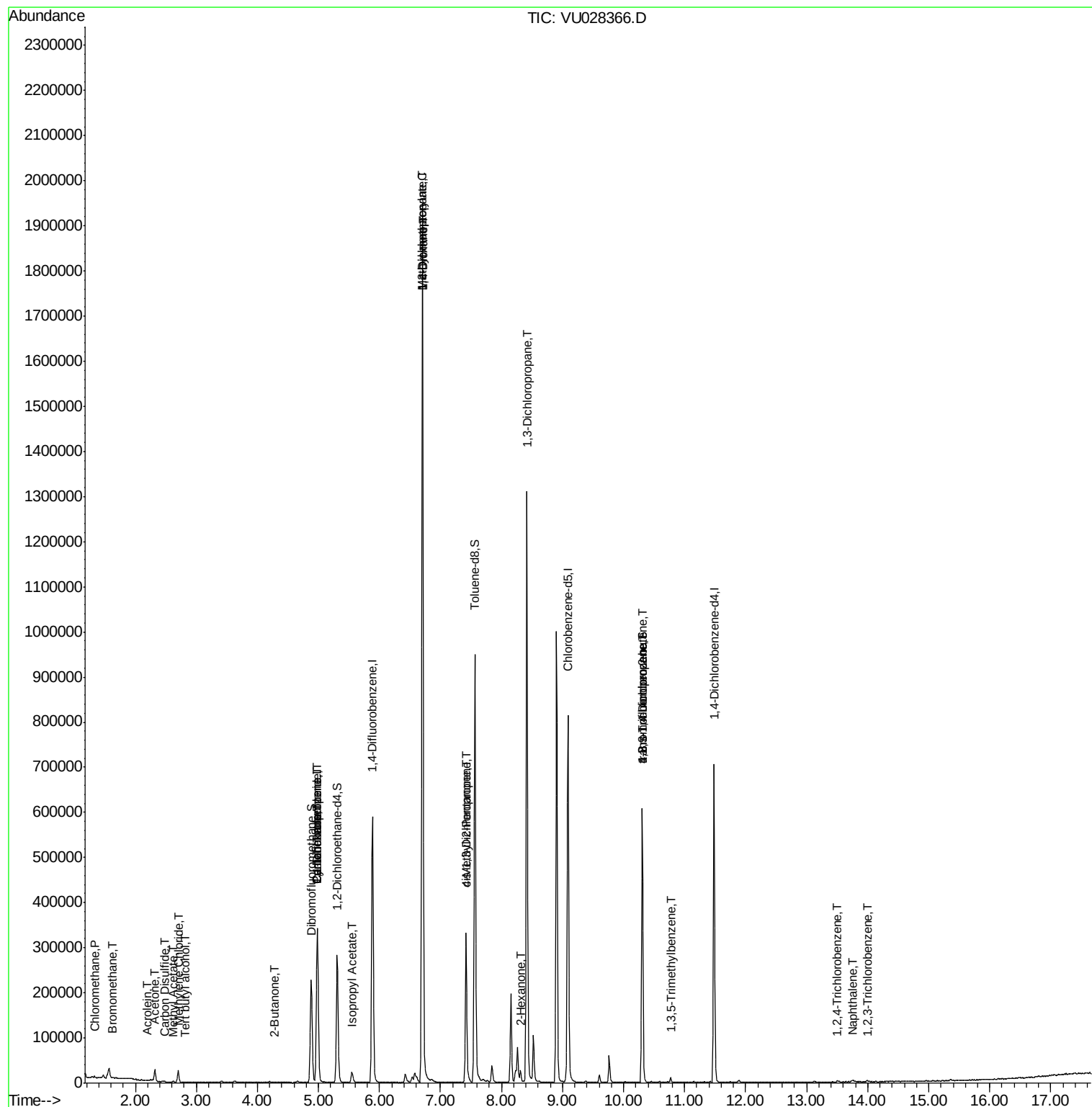
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3321	0.518	ug/l #	75
5) Bromomethane	1.62	94	430	0.248	ug/l #	54
11) Tert butyl alcohol	2.82	59	711	0.760	ug/l #	72
13) Acrolein	2.20	56	217	0.261	ug/l #	1
16) Acetone	2.32	43	25854	10.258	ug/l	98
17) Carbon Disulfide	2.48	76	2759	0.273	ug/l	97
18) Methyl Acetate	2.62	43	2595	0.370	ug/l	93
20) Methylene Chloride	2.70	84	10565	2.902	ug/l	91
25) 2-Butanone	4.28	43	1807	0.500	ug/l #	78
31) Cyclohexane	4.99	56	6602	0.581	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	23348	4.604	ug/l #	47
38) Carbon Tetrachloride	4.98	117	25946	6.230	ug/l #	15
43) Isopropyl Acetate	5.55	43	30301	2.767	ug/l	97
45) 1,2-Dichloropropane	6.70	63	1758	0.400	ug/l #	43
48) Methyl methacrylate	6.70	41	167474	29.357	ug/l #	47
49) 1,4-Dioxane	6.72	88	51	0.560	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	132452	18.936	ug/l #	49
54) cis-1,3-Dichloropropene	7.42	75	54686	8.495	ug/l #	58
57) 1,3-Dichloropropane	8.41	76	11938	1.808	ug/l #	43
59) 2-Hexanone	8.31	43	21541	3.976	ug/l #	27
76) 1,2,3-Trichloropropane	10.30	75	107218	23.878	ug/l #	34
80) 1,3,5-Trimethylbenzene	10.77	105	4936	0.465	ug/l	86
81) trans-1,4-Dichloro-2-buten	10.30	75	107218	63.383	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.50	180	968	0.274	ug/l	79
95) Naphthalene	13.75	128	4075	3.117	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.99	180	1263	0.353	ug/l	93

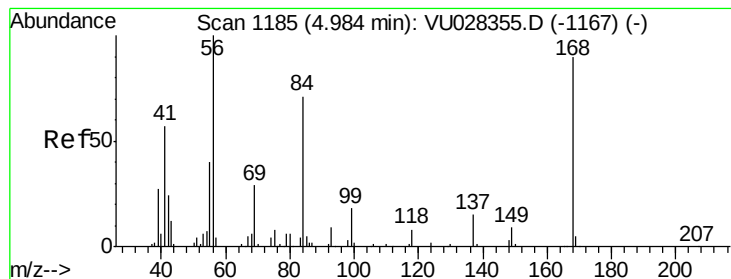
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 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: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

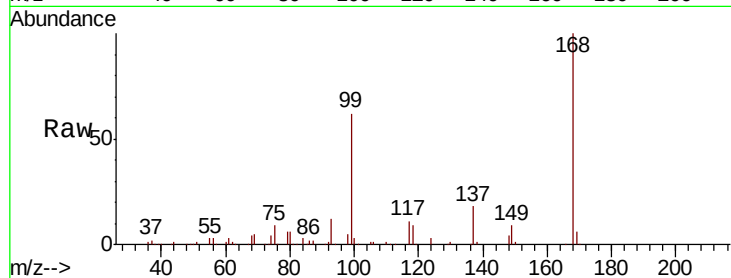
PB115109TB

Tot Ion:168 Resp: 246539

Ion Ratio Lower Upper

168 100

99 61.8 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

120000

100000

80000

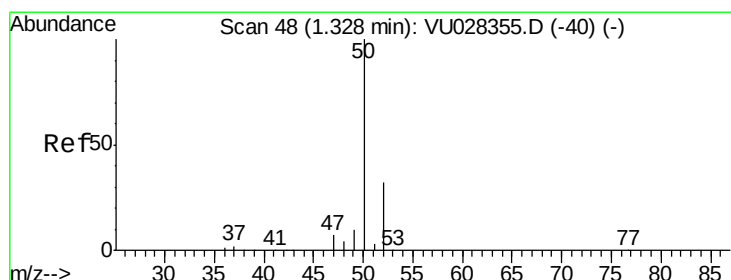
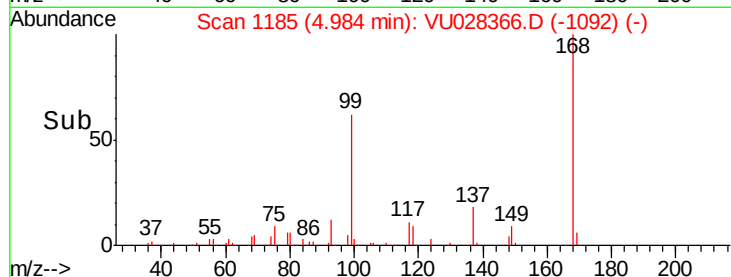
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.518 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028366.D

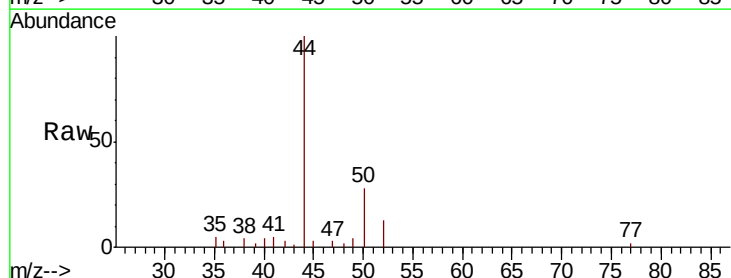
Acq: 28 Nov 2018 15:19

Tgt Ion: 50 Resp: 3321

Ion Ratio Lower Upper

50 100

52 45.9 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VU028355.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028355.D (-40) (-)

1.33

3000

2500

2000

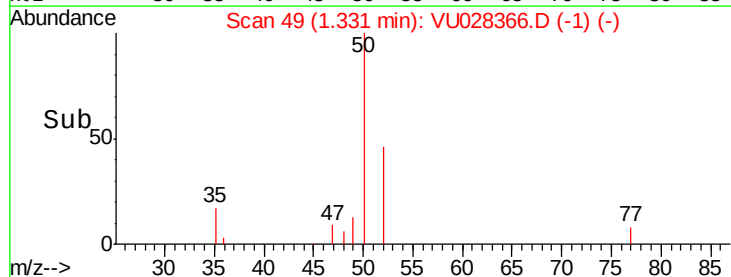
1500

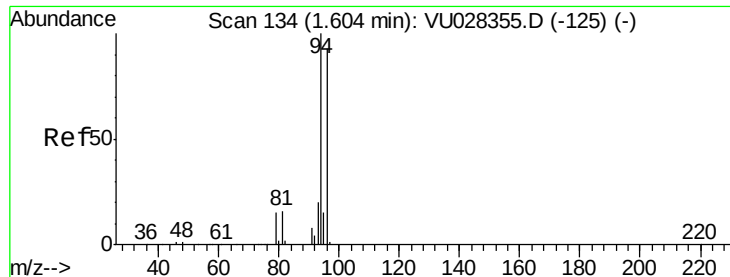
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.248 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.02 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

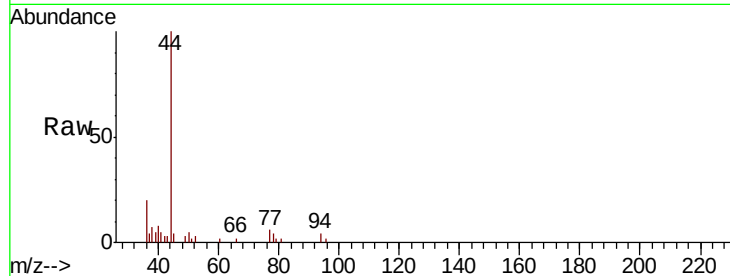
PB115109TB

Tot Ion: 94 Resp: 430

Ion Ratio Lower Upper

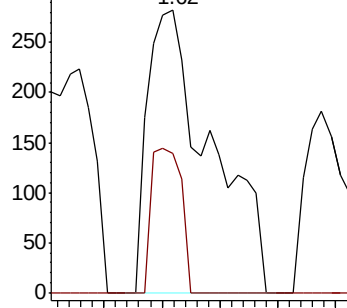
94 100

96 49.1 74.6 112.0#

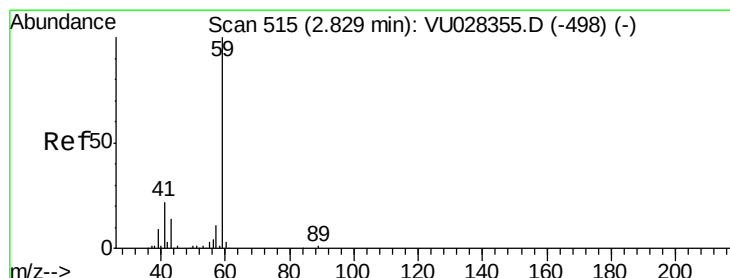
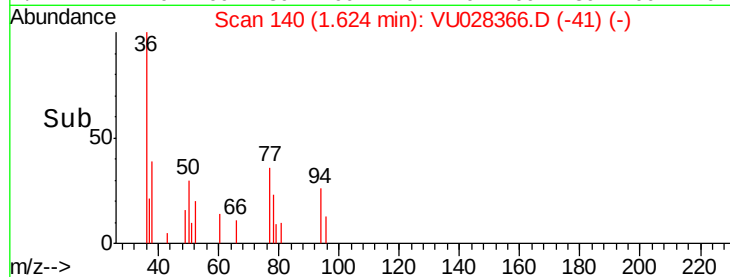


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 0.760 ug/l

RT: 2.82 min Scan# 512

Delta R.T. -0.01 min

Lab File: VU028366.D

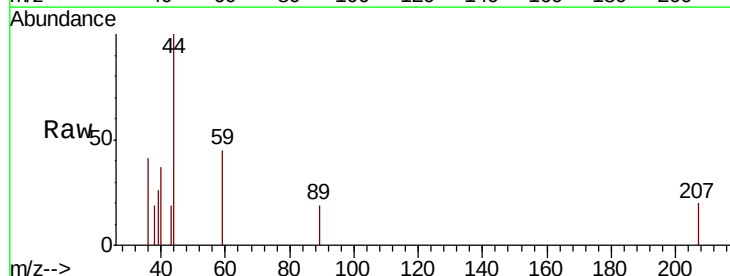
Acq: 28 Nov 2018 15:19

Tgt Ion: 59 Resp: 711

Ion Ratio Lower Upper

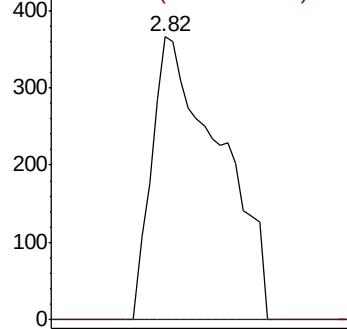
59 100

57 0.0 8.3 12.5#

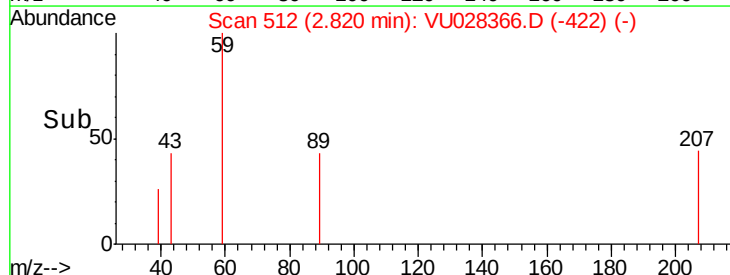


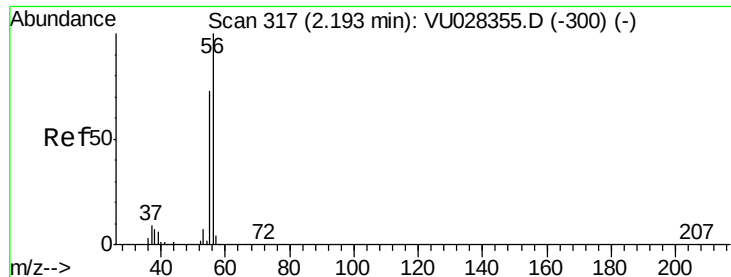
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#13

Acrolein

Concen: 0.261 ug/l

RT: 2.20 min Scan# 319

Delta R.T. 0.01 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

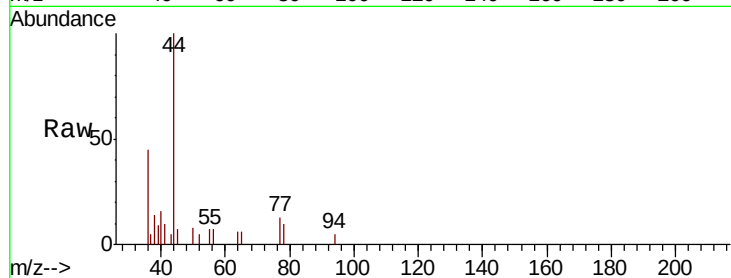
PB115109TB

Tot Ion: 56 Resp: 217

Ion Ratio Lower Upper

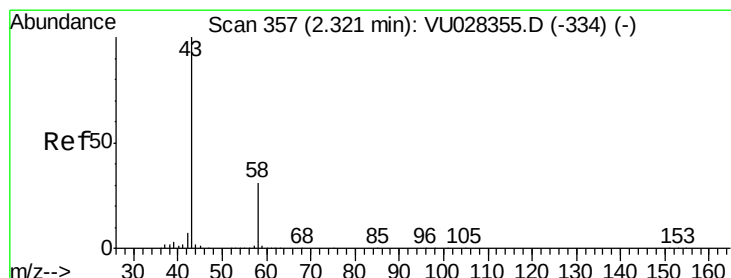
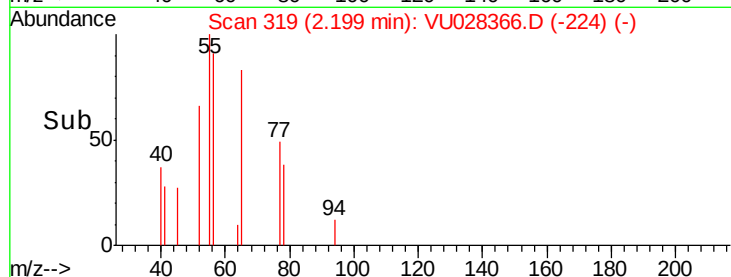
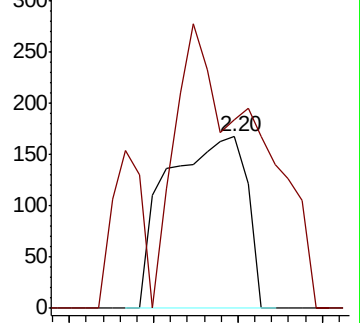
56 100

55 170.5 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 10.258 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028366.D

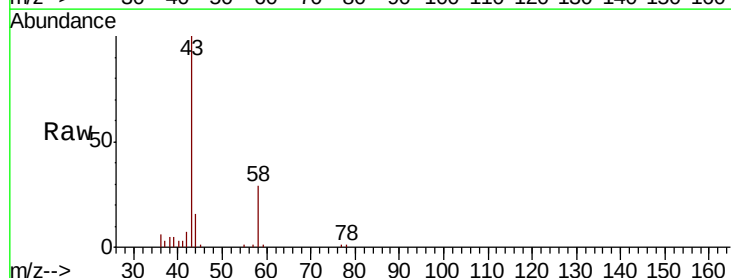
Acq: 28 Nov 2018 15:19

Tgt Ion: 43 Resp: 25854

Ion Ratio Lower Upper

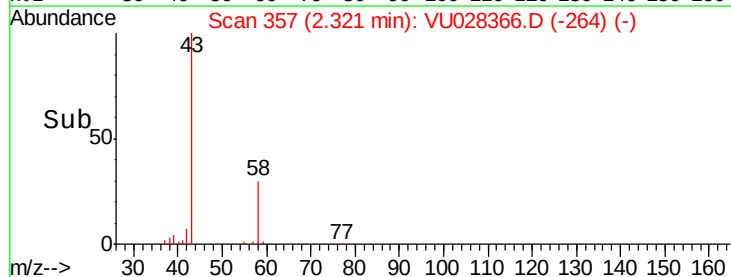
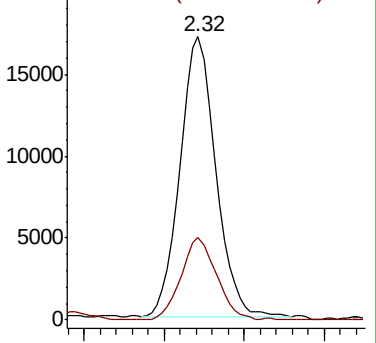
43 100

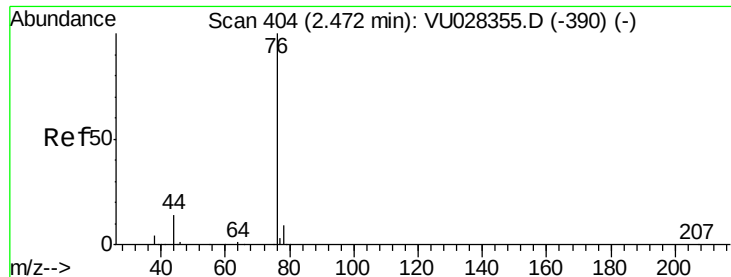
58 29.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

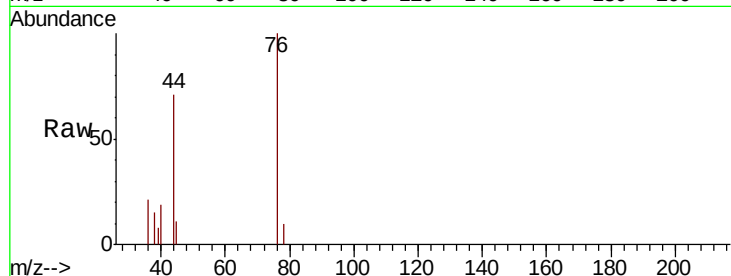
PB115109TB

Tot Ion: 76 Resp: 2759

Ion Ratio Lower Upper

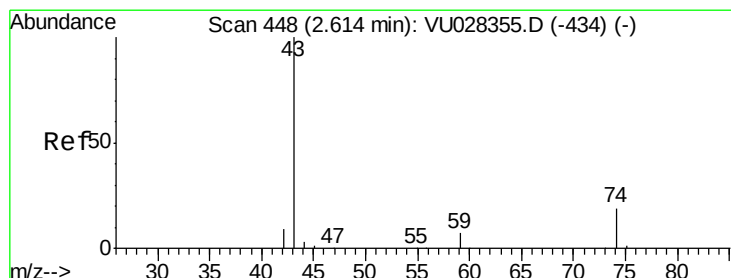
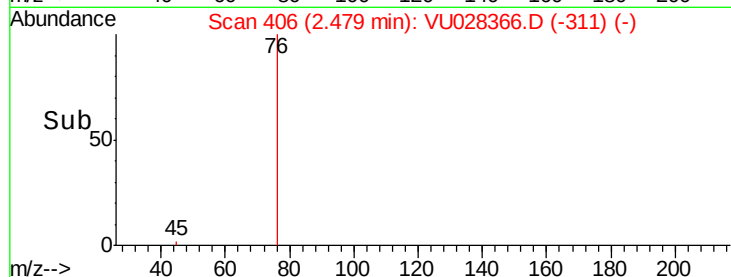
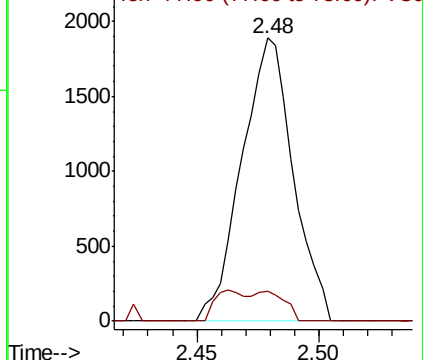
76 100

78 10.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 0.370 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028366.D

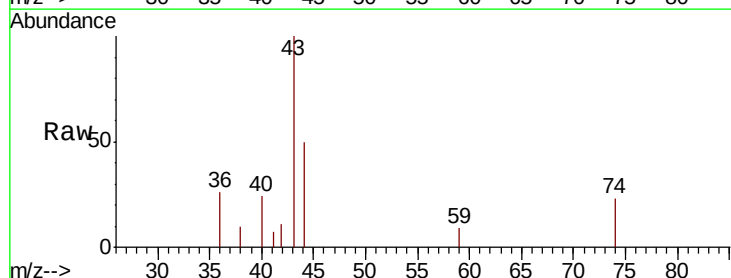
Acq: 28 Nov 2018 15:19

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

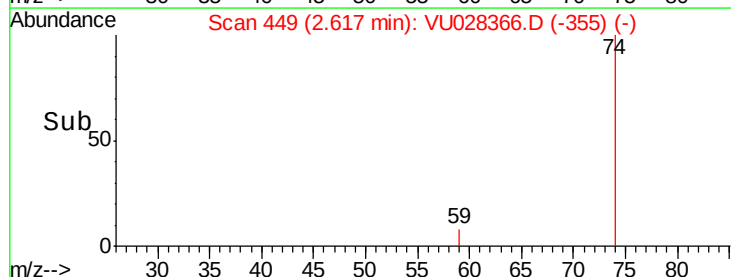
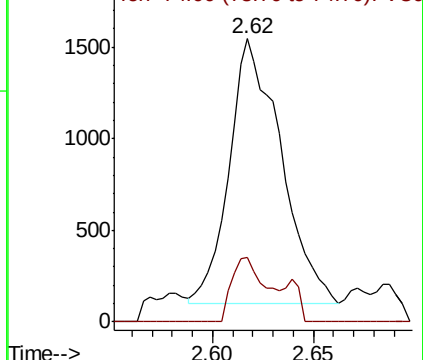
43 100

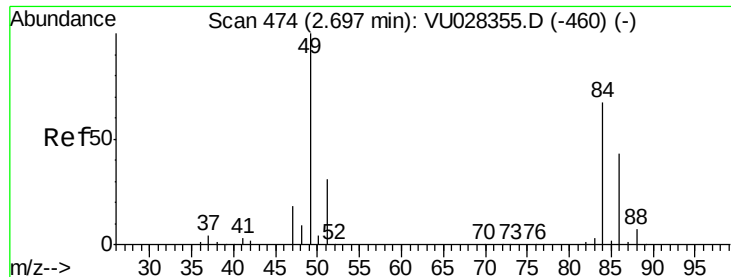
74 16.1 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

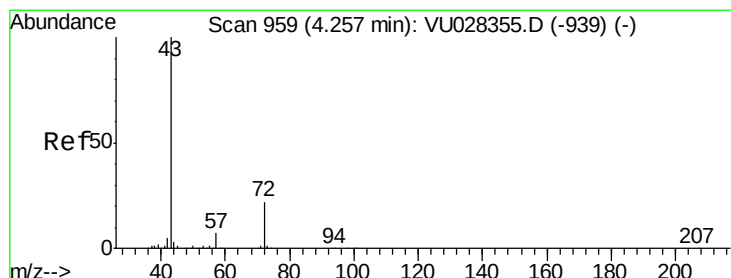
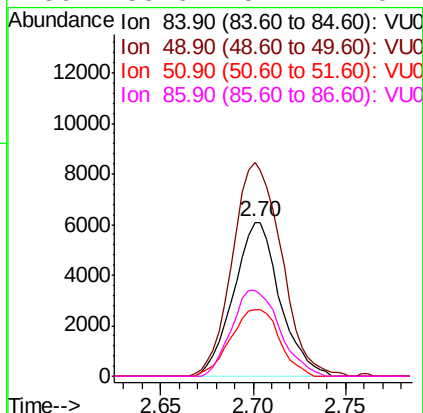
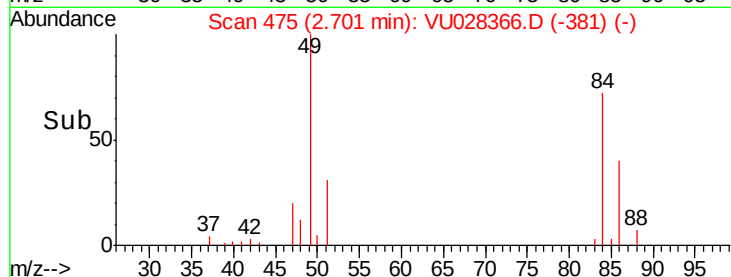
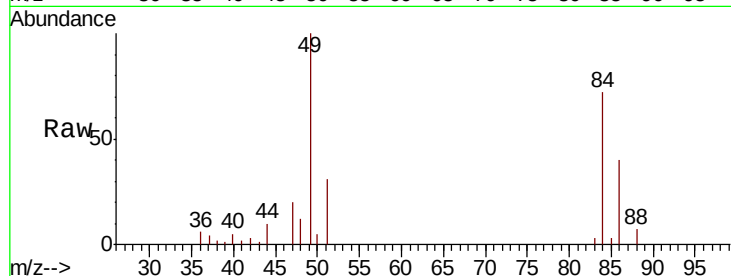




#20
Methylene Chloride
Concen: 2.902 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

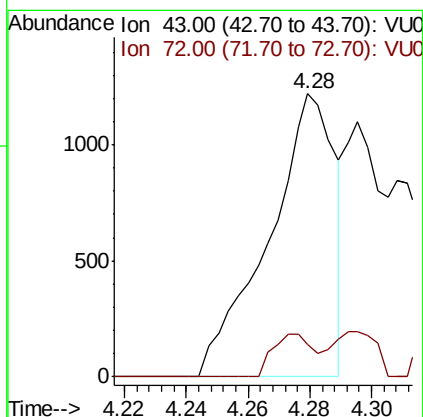
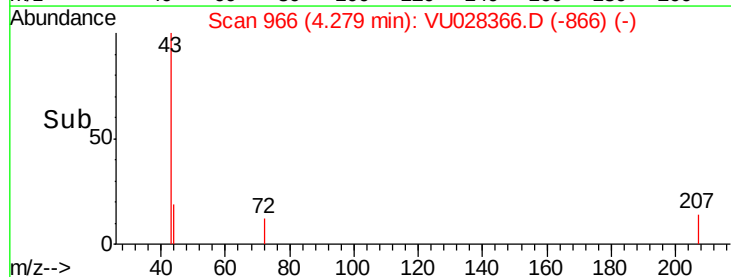
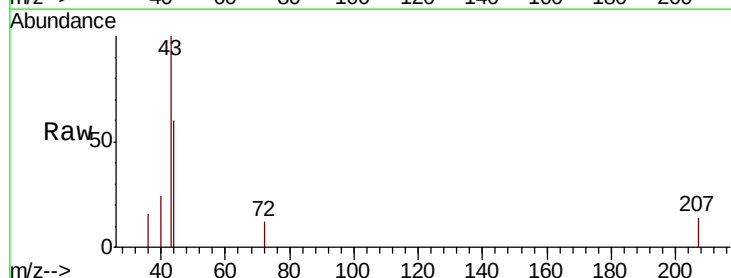
Instrument :
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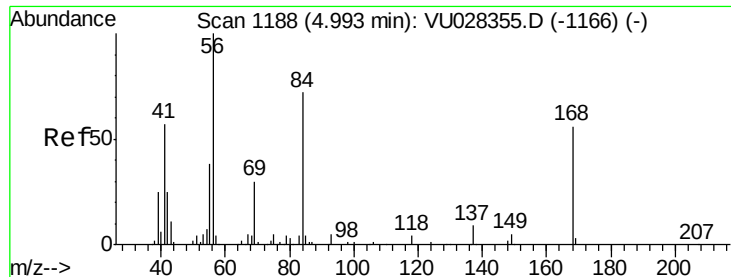
Tot Ion: 84 Resp: 10565
Ion Ratio Lower Upper
84 100
49 138.5 120.0 180.0
51 43.5 36.9 55.3
86 55.6 51.1 76.7



#25
2-Butanone
Concen: 0.500 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
72 11.6 17.7 26.5#

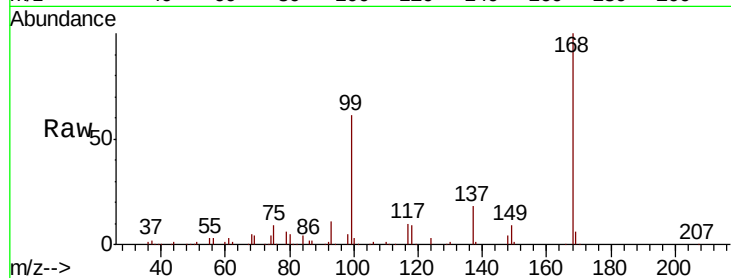




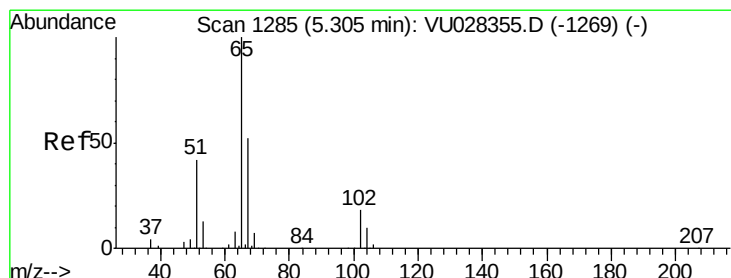
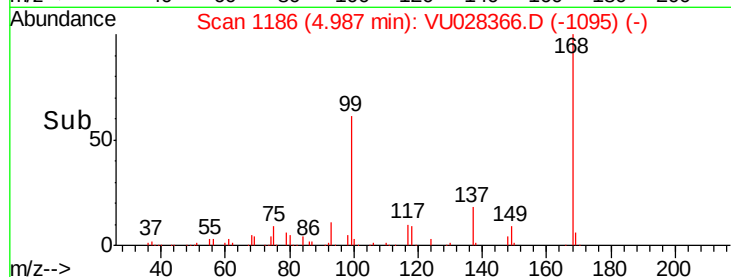
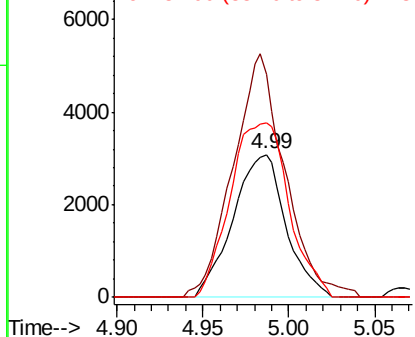
#31
Cyclohexane
Concen: 0.581 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :
PB115109TB

Tot Ion: 56 Resp: 6602
Ion Ratio Lower Upper
56 100
69 152.2 23.7 35.5#
84 122.5 57.3 85.9#

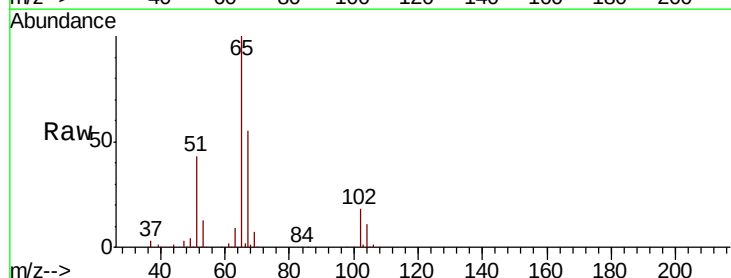


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

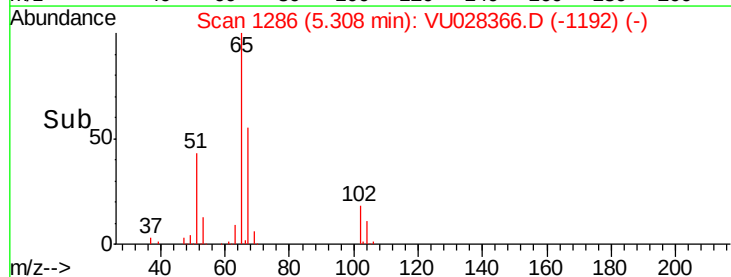
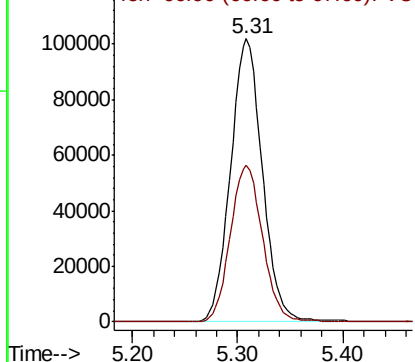


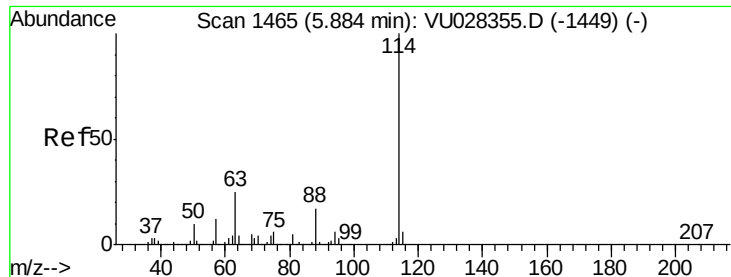
#33
1,2-Dichloroethane-d4
Concen: 51.728 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Tgt Ion: 65 Resp: 213136
Ion Ratio Lower Upper
65 100
67 56.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

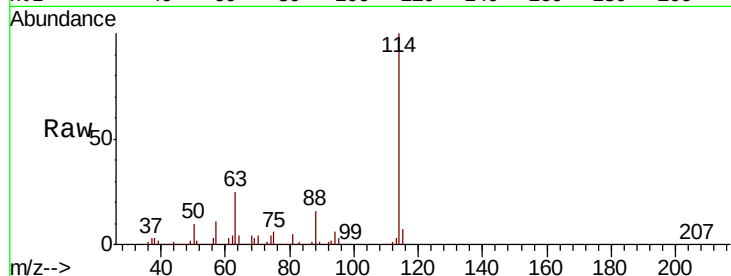
Tot Ion:114 Resp: 463442

Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.0

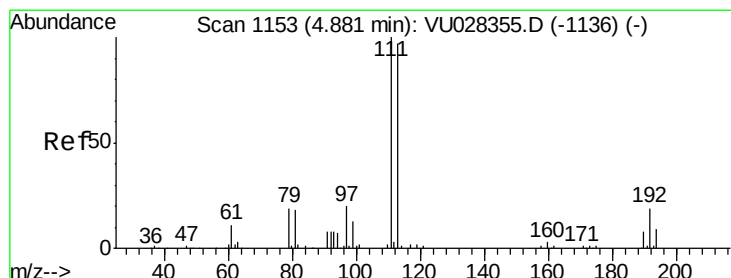
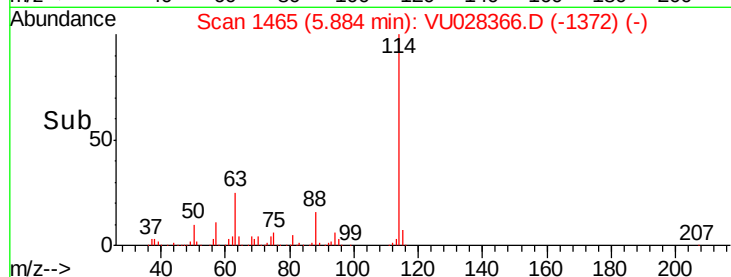
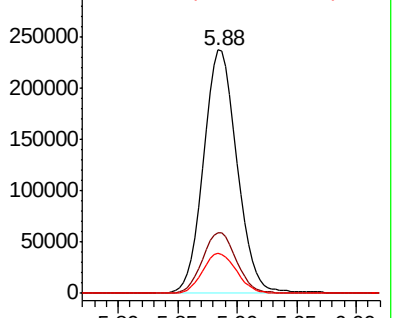
88 16.4 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

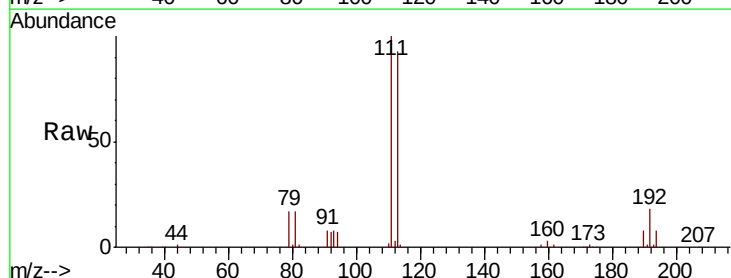
Tgt Ion:113 Resp: 154388

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

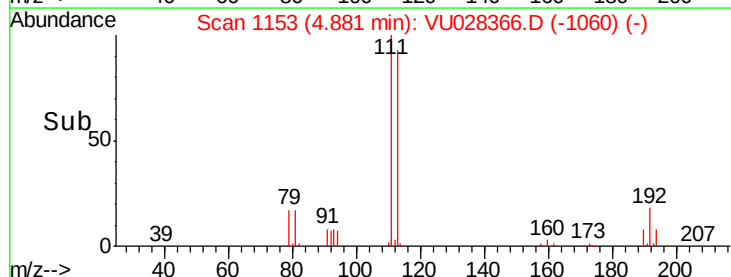
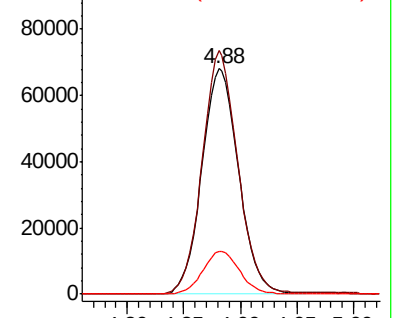
192 18.9 15.4 23.0

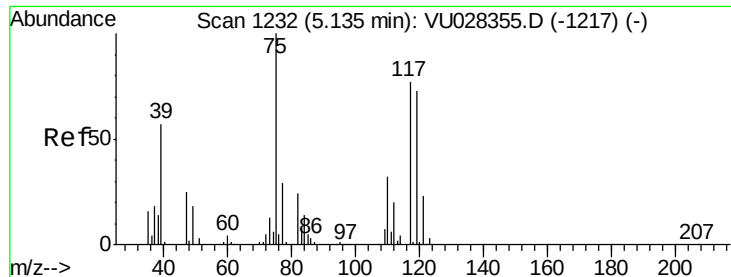


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

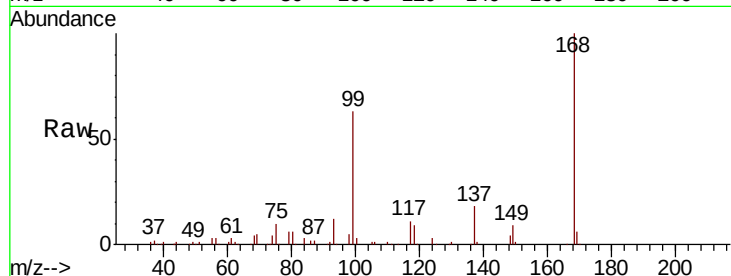
Tot Ion: 75 Resp: 23348

Ion Ratio Lower Upper

75 100

110 3.9 15.8 47.4#

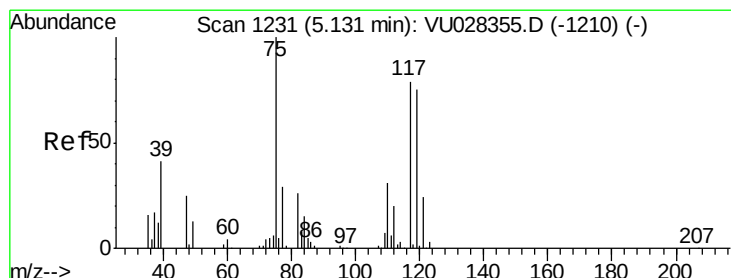
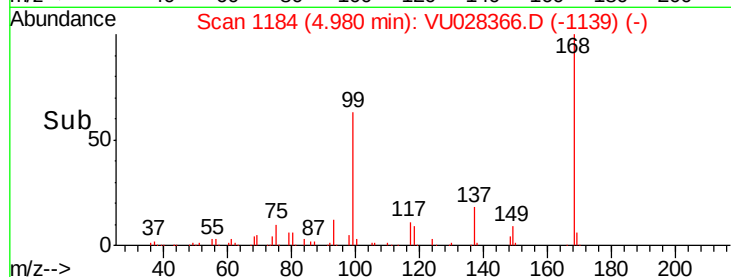
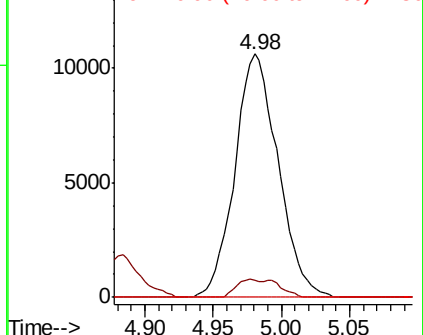
77 0.0 24.6 36.8#



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: 6.230 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

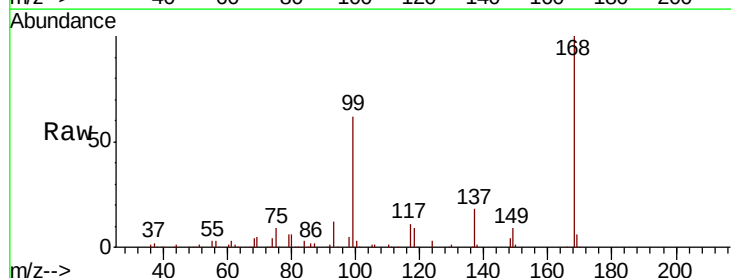
Tgt Ion: 117 Resp: 25946

Ion Ratio Lower Upper

117 100

119 3.7 76.3 114.5#

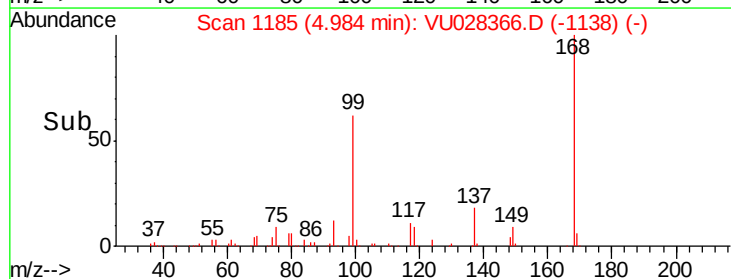
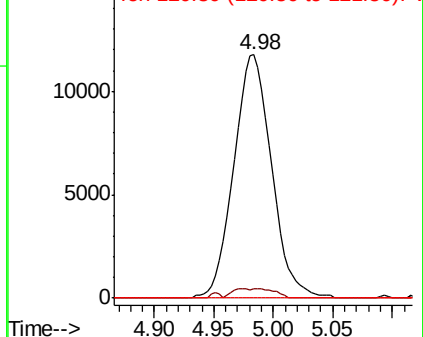
121 0.0 24.7 37.1#

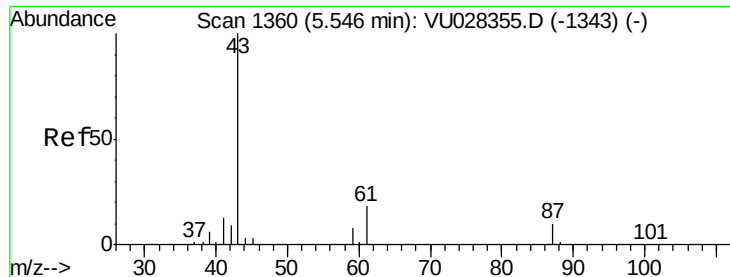


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.767 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

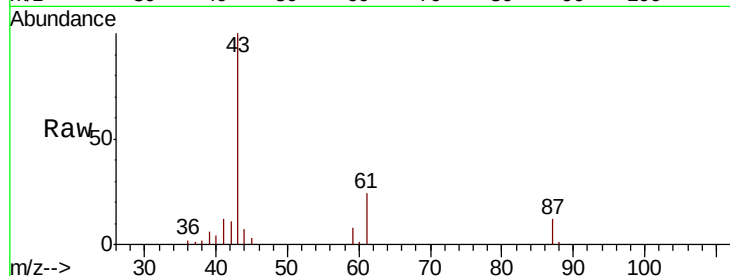
Tot Ion: 43 Resp: 30301

Ion Ratio Lower Upper

43 100

61 19.7 14.5 21.7

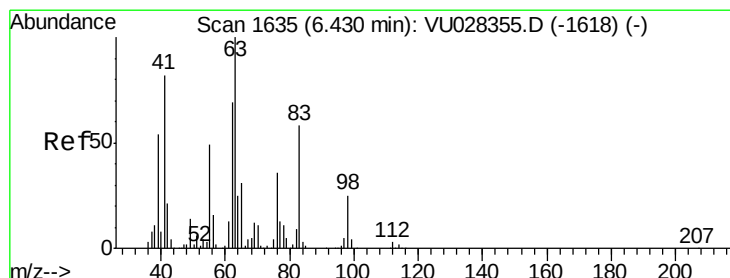
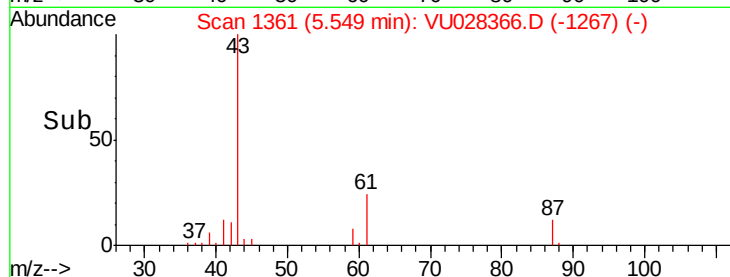
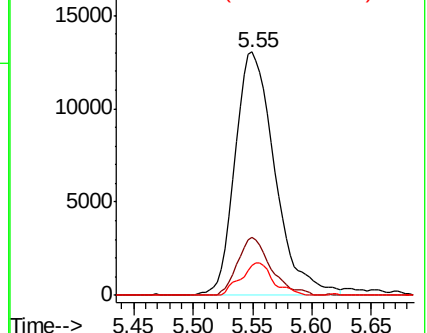
87 10.9 8.4 12.6



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: 0.400 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU028366.D

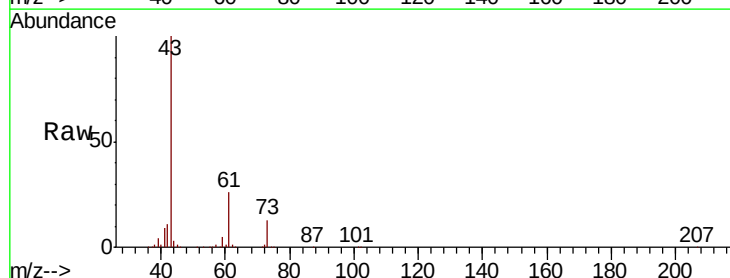
Acq: 28 Nov 2018 15:19

Tgt Ion: 63 Resp: 1758

Ion Ratio Lower Upper

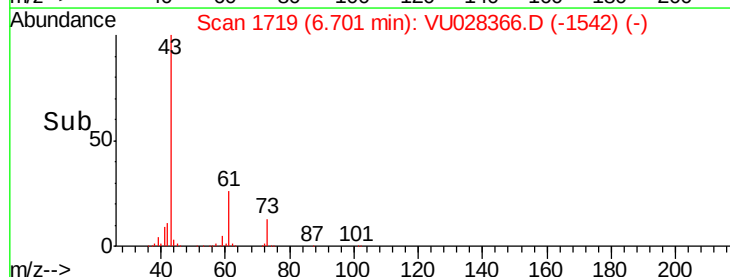
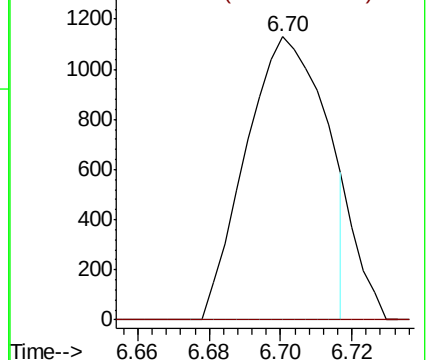
63 100

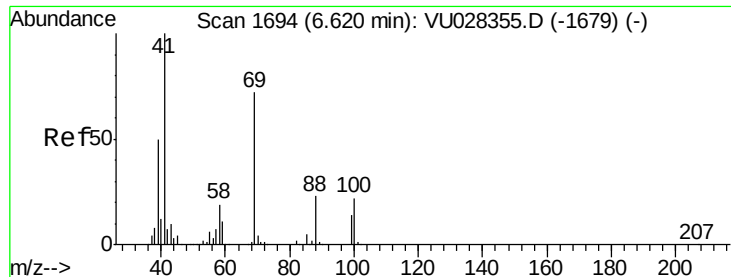
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0





#48

Methyl methacrylate

Concen: 29.357 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

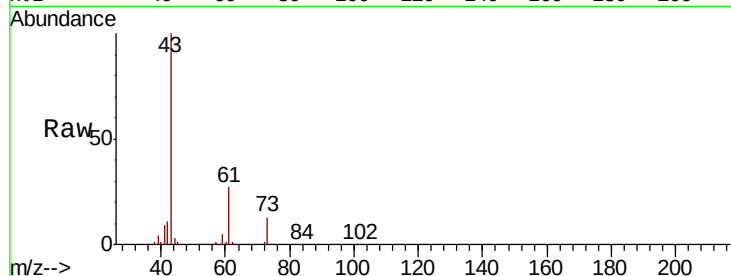
Tot Ion: 41 Resp: 167474

Ion Ratio Lower Upper

41 100

69 0.1 59.0 88.4#

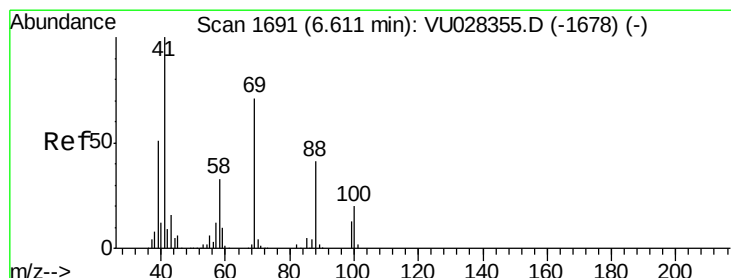
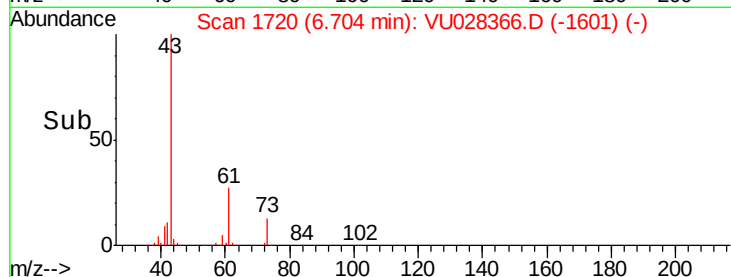
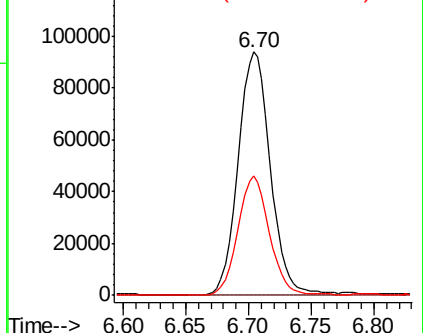
39 48.3 40.5 60.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#49

1,4-Dioxane

Concen: 0.560 ug/l

RT: 6.72 min Scan# 1724

Delta R.T. 0.11 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

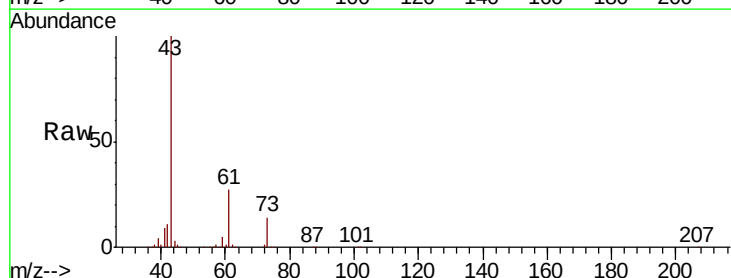
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 3757517.6 32.6 48.8#

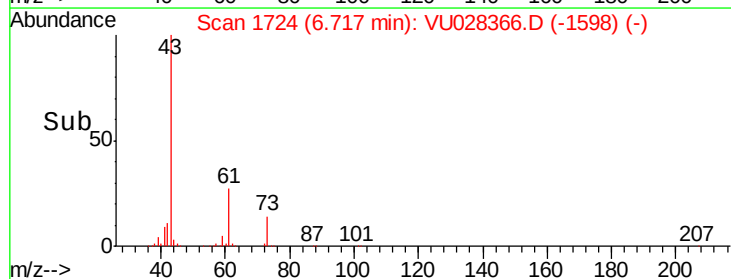
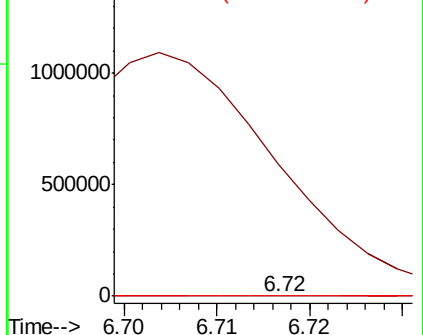
58 14349.0 68.7 103.1#

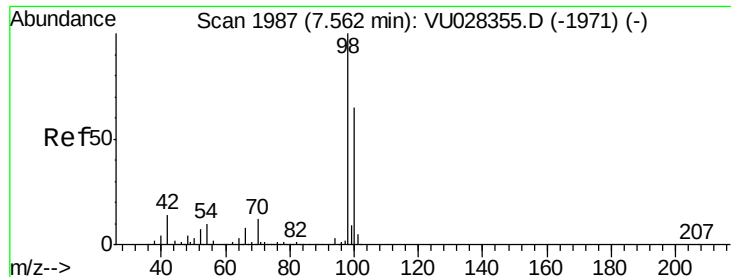


Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#50

Toluene-d8

Concen: 49.404 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

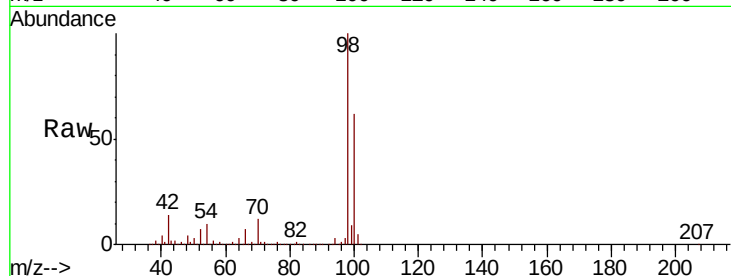
PB115109TB

Tot Ion: 98 Resp: 608889

Ion Ratio Lower Upper

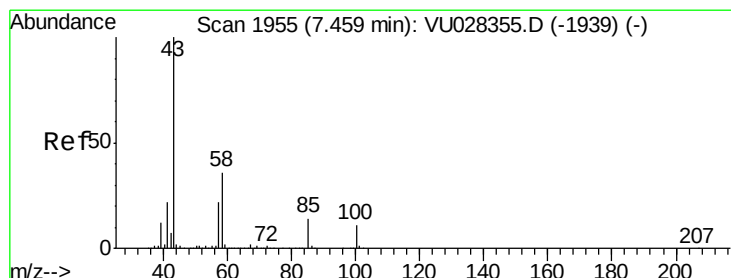
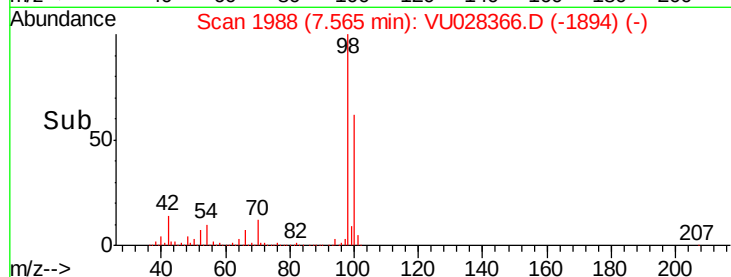
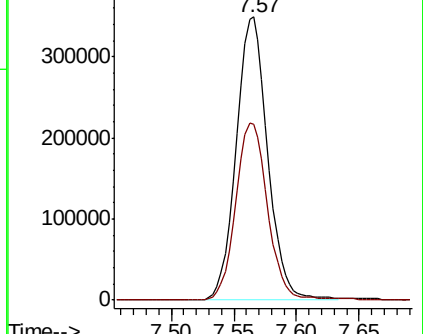
98 100

100 63.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)



#51

4-Methyl-2-Pentanone

Concen: 18.936 ug/l

RT: 7.42 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU028366.D

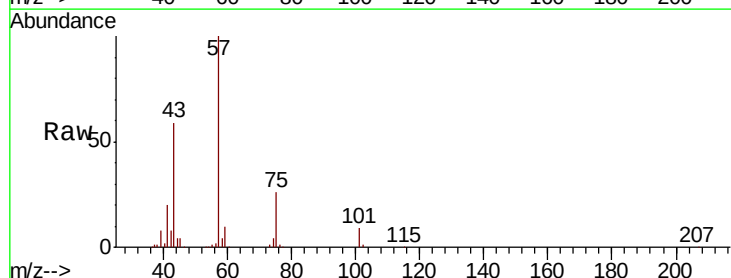
Acq: 28 Nov 2018 15:19

Tgt Ion: 43 Resp: 132452

Ion Ratio Lower Upper

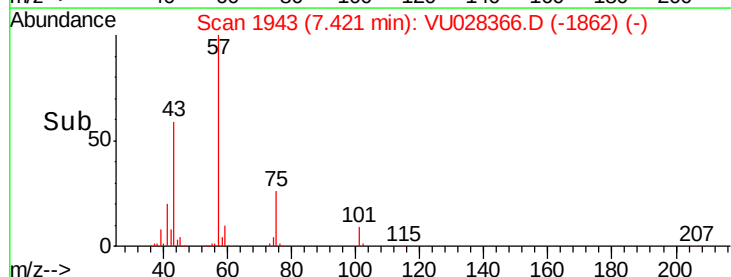
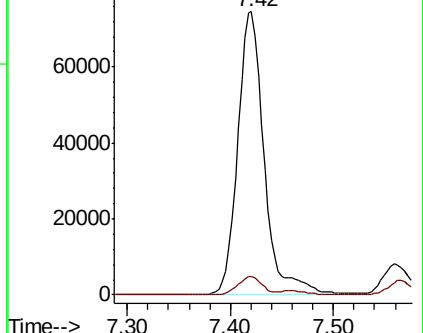
43 100

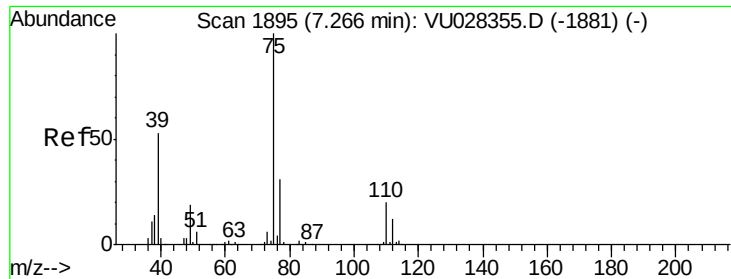
58 6.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)



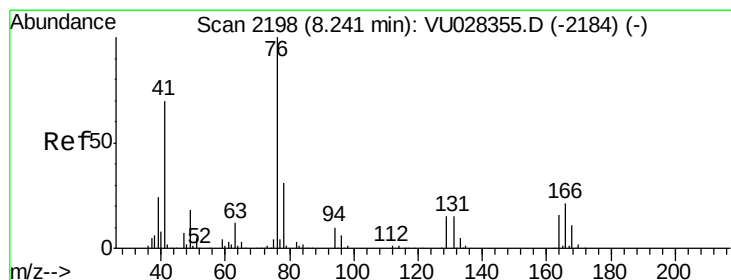
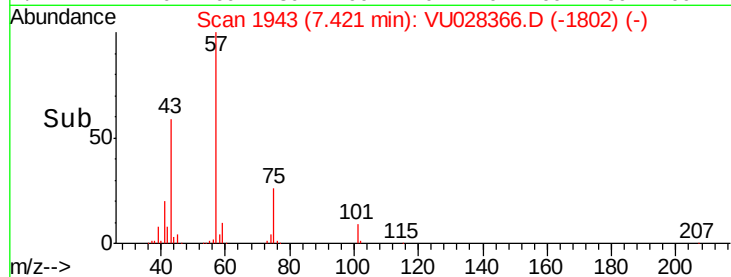
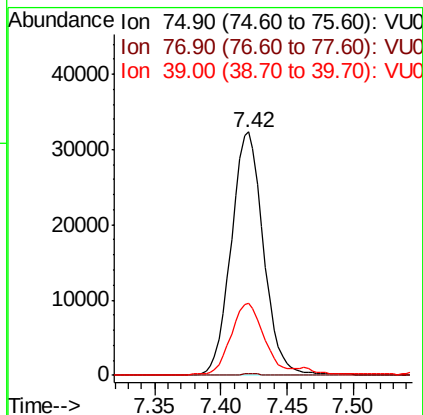
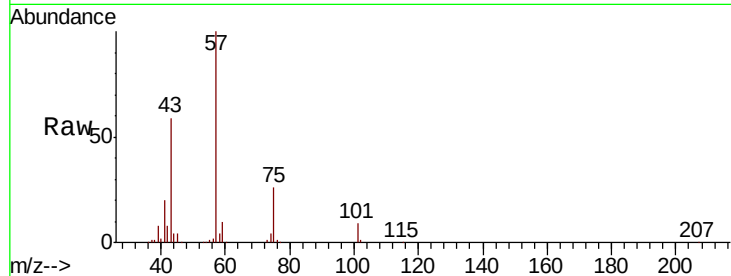


#54

cis-1,3-Dichloropropene
 Concen: 8.495 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028366.D
 Acq: 28 Nov 2018 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109TB

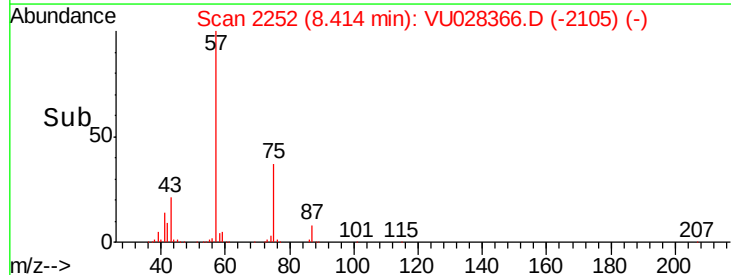
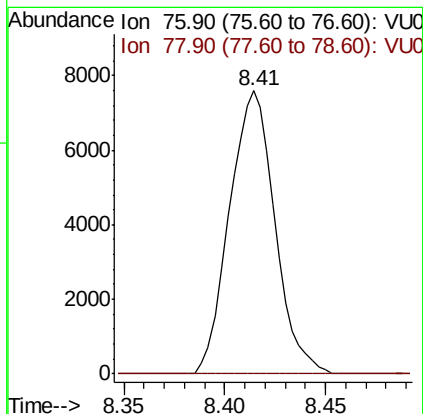
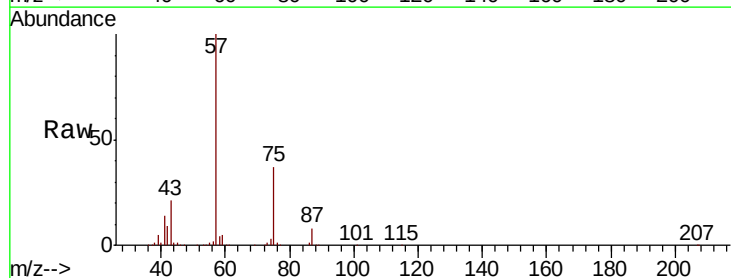
Tot Ion: 75 Resp: 54686
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 29.4 42.6 64.0#

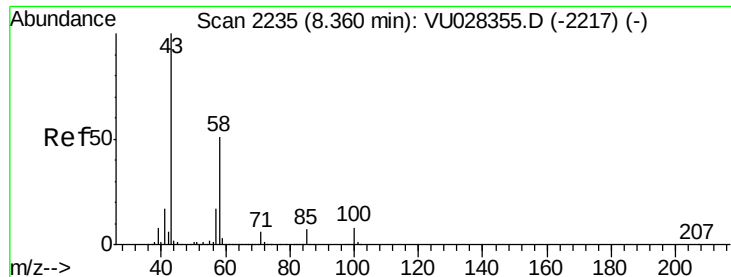


#57

1,3-Dichloropropane
 Concen: 1.808 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028366.D
 Acq: 28 Nov 2018 15:19

Tgt Ion: 76 Resp: 11938
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#





#59

2-Hexanone

Concen: 3.976 ug/l

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

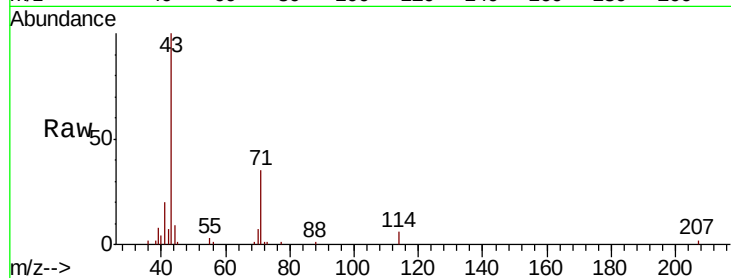
PB115109TB

Tot Ion: 43 Resp: 21541

Ion Ratio Lower Upper

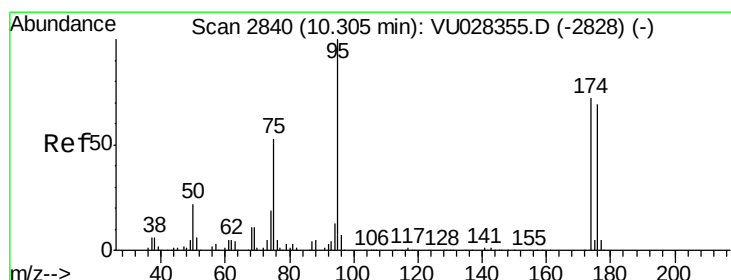
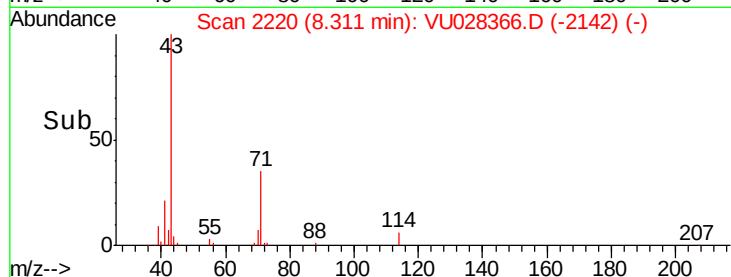
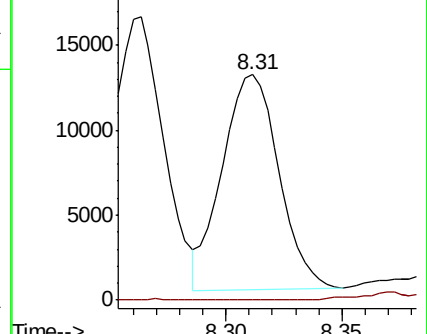
43 100

58 0.0 25.5 76.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.822 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

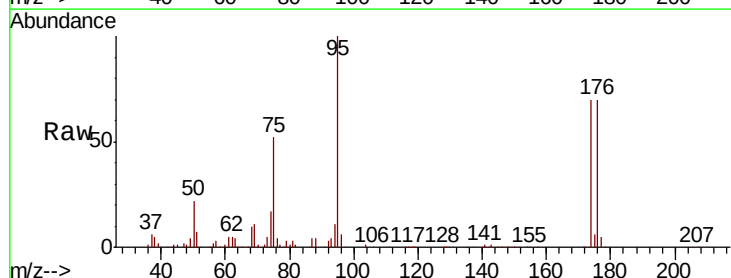
Tgt Ion: 95 Resp: 203548

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.4

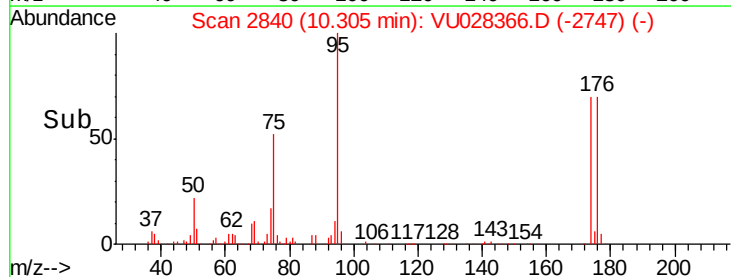
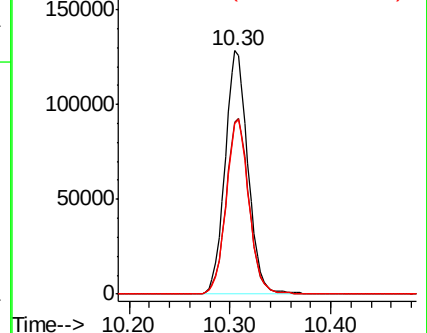
176 71.2 0.0 140.8

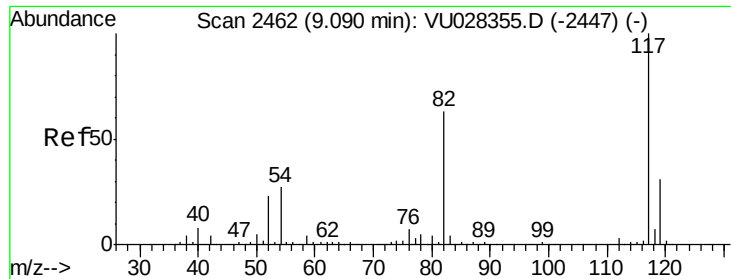


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

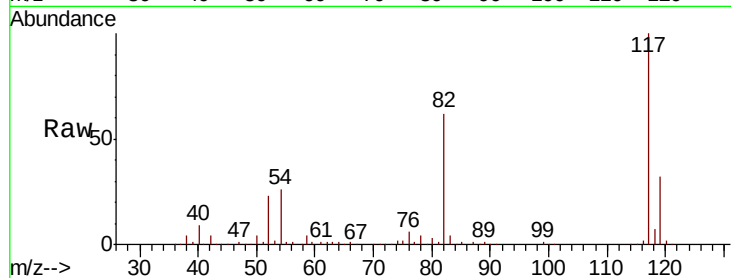




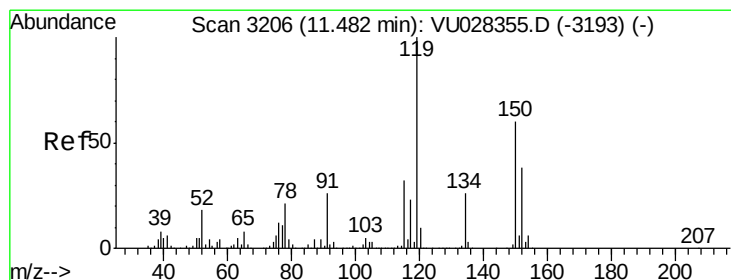
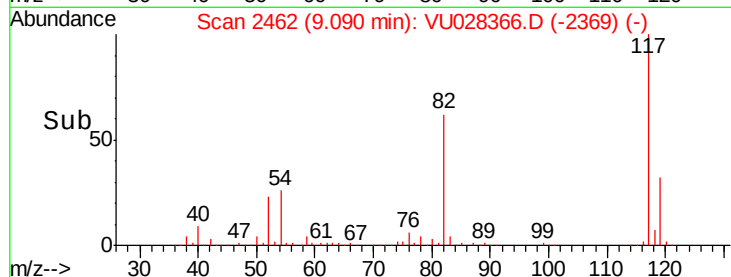
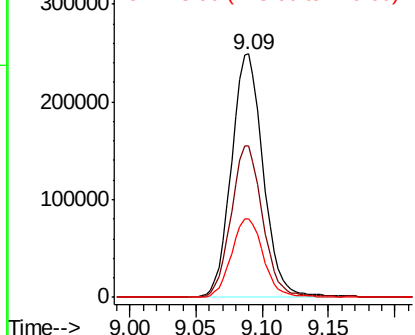
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :
PB115109TB

Tot Ion:117 Resp: 415748
Ion Ratio Lower Upper
117 100
82 62.3 50.3 75.5
119 32.4 24.8 37.2

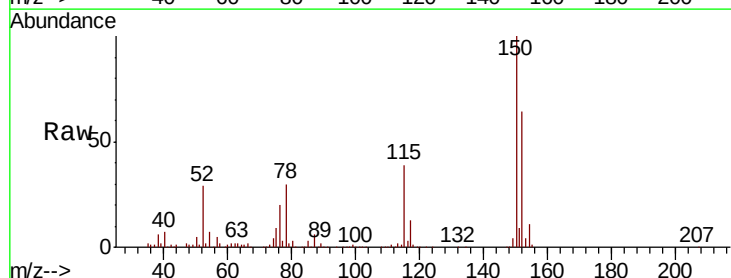


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

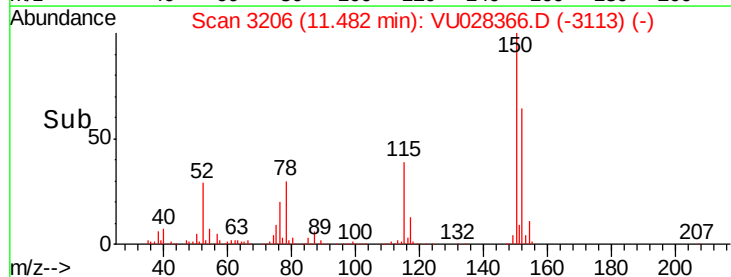
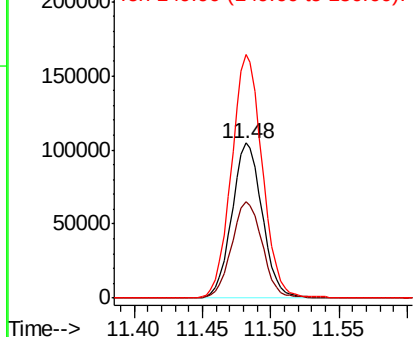


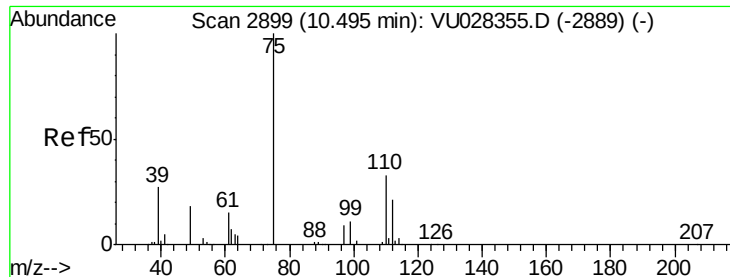
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028366.D
Acq: 28 Nov 2018 15:19

Tgt Ion:152 Resp: 161925
Ion Ratio Lower Upper
152 100
115 62.7 45.0 134.8
150 159.3 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

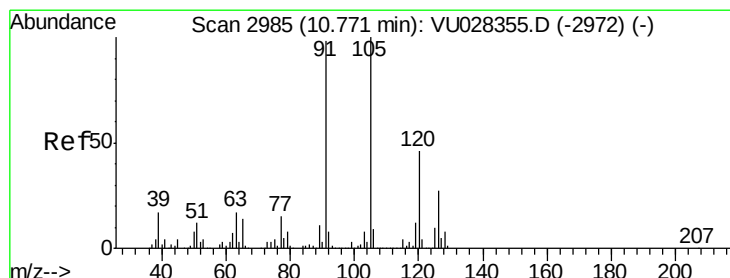
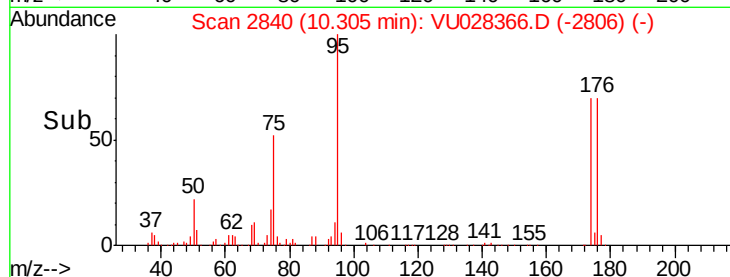
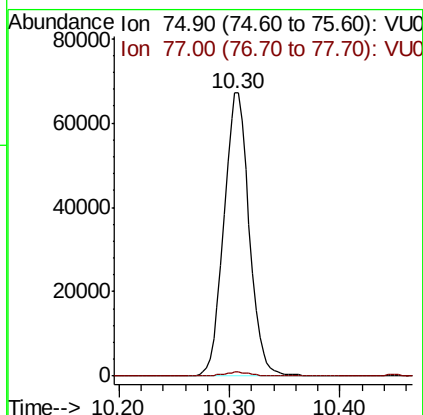
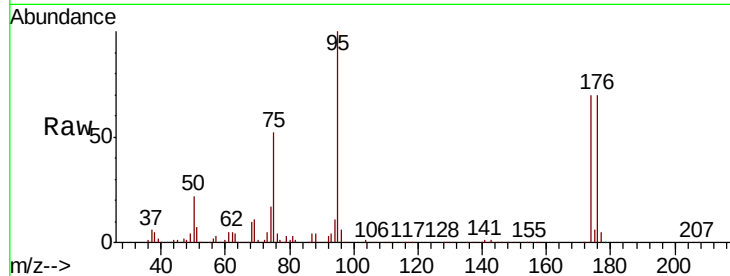




#76
 1,2,3-Trichloropropane
 Concen: 23.878 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028366.D
 Acq: 28 Nov 2018 15:19

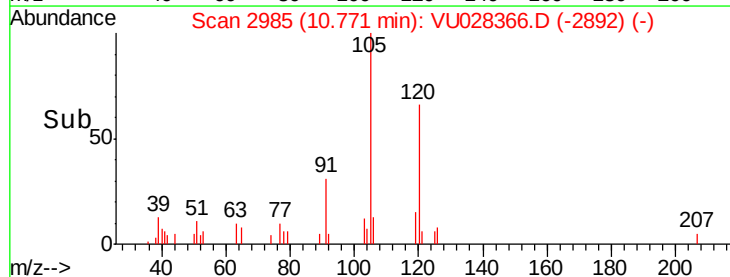
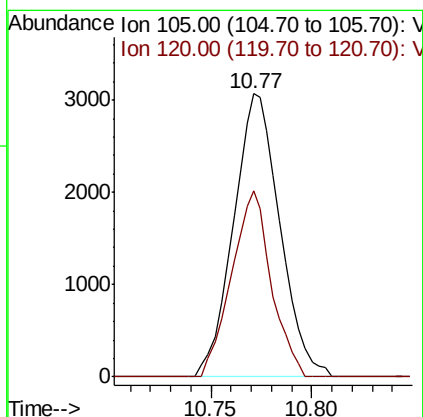
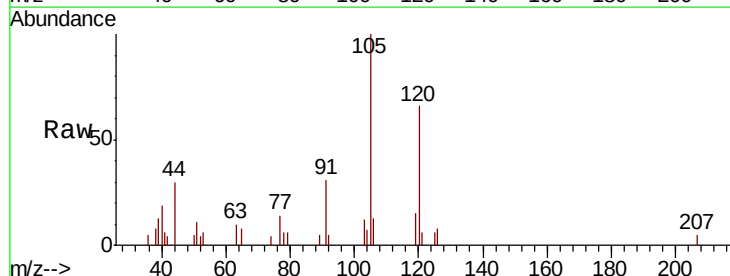
Instrument :
 MSVOA_U
 ClientSampleId :
 PB115109TB

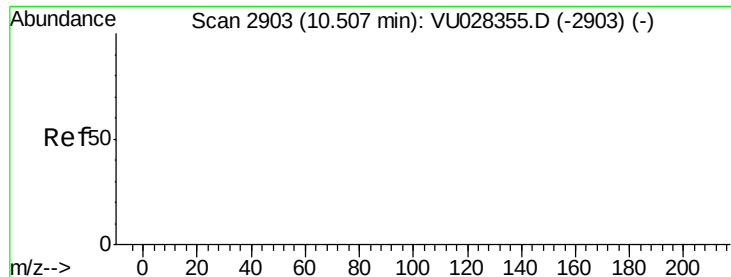
Tot Ion: 75 Resp: 107218
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.4 67.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.465 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028366.D
 Acq: 28 Nov 2018 15:19

Tgt Ion: 105 Resp: 4936
 Ion Ratio Lower Upper
 105 100
 120 56.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.383 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

PB115109TB

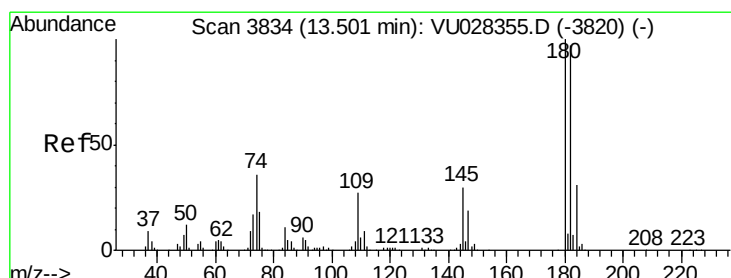
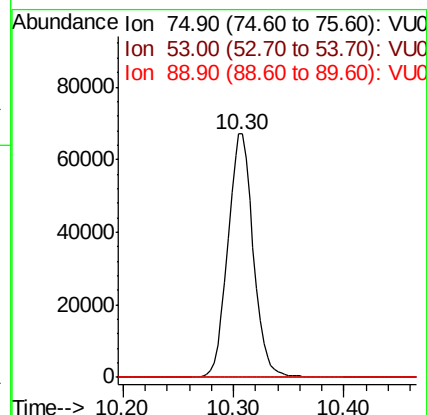
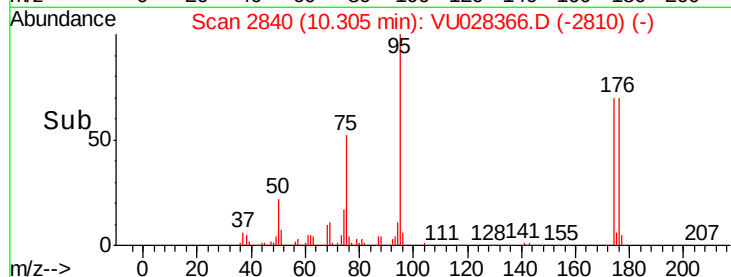
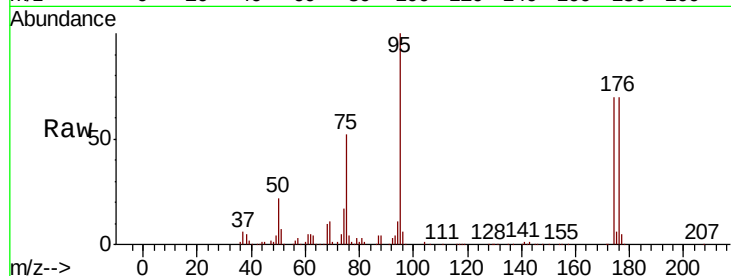
Tot Ion: 75 Resp: 107218

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#93

1,2,4-Trichlorobenzene

Concen: 0.274 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

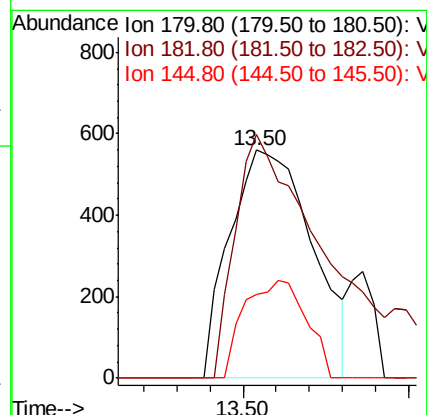
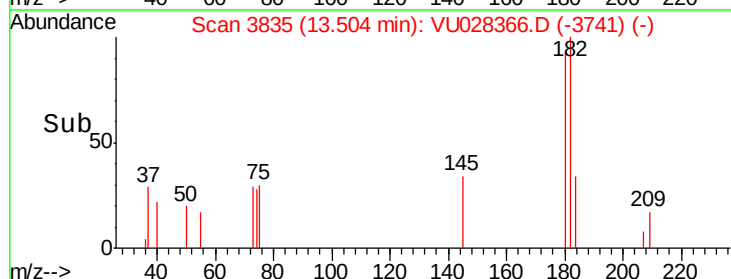
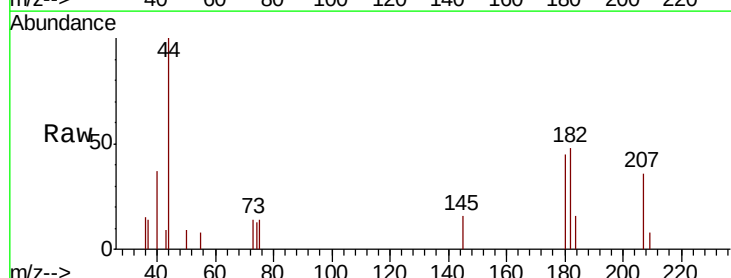
Tgt Ion:180 Resp: 968

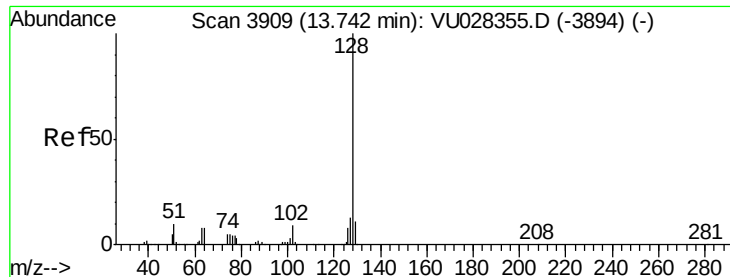
Ion Ratio Lower Upper

180 100

182 122.9 48.3 144.9

145 32.1 15.2 45.5





#95

Naphthalene

Concen: 3.117 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

Instrument :

MSVOA_U

ClientSampled :

PB115109TB

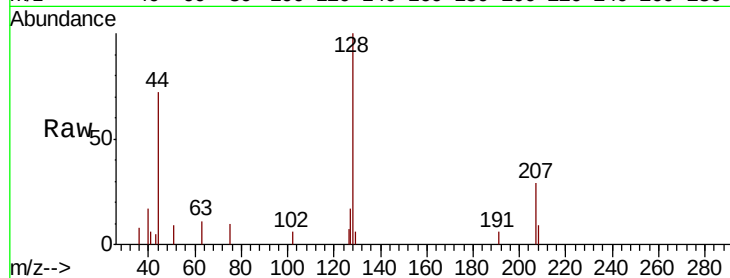
Tot Ion:128 Resp: 4075

Ion Ratio Lower Upper

128 100

127 10.5 10.6 15.8#

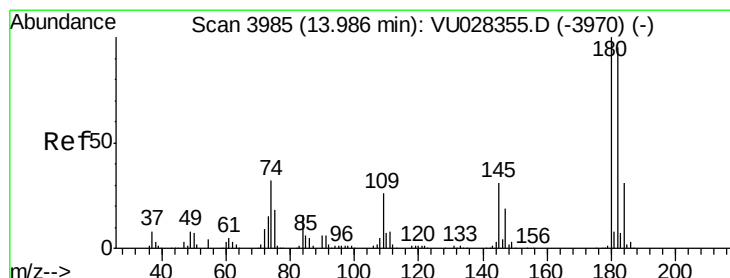
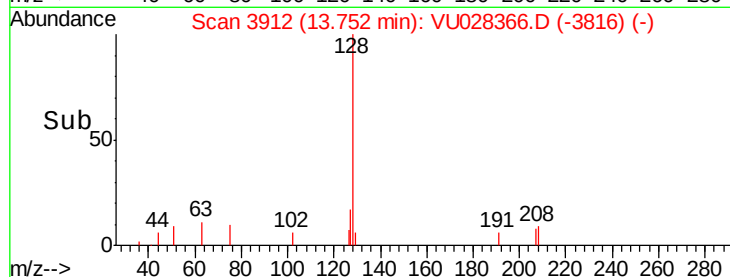
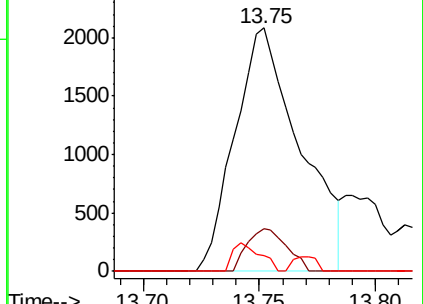
129 4.9 8.6 12.8#



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: 0.353 ug/l

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU028366.D

Acq: 28 Nov 2018 15:19

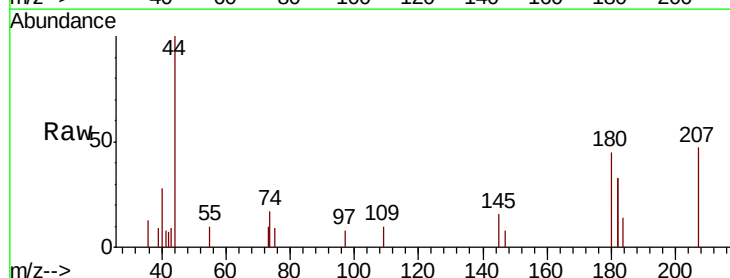
Tgt Ion:180 Resp: 1263

Ion Ratio Lower Upper

180 100

182 89.7 47.7 143.1

145 36.4 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

