

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120518\
 Data File : VU028471.D
 Acq On : 05 Dec 2018 11:42
 Operator : MD/SY
 Sample : J6208-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Quant Time: Dec 06 01:31:32 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	400077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	736189	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	664771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	301810	50.00	ug/l	0.00

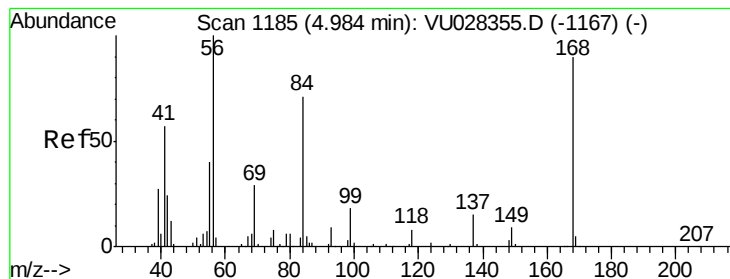
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	296538	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	4.88	113	95426	19.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.98%	
50) Toluene-d8	7.57	98	926969	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	10.30	95	329078	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	1735	1.142	ug/l #	79
13) Acrolein	2.20	56	953	0.706	ug/l #	77
16) Acetone	2.32	43	81258	19.867	ug/l	95
17) Carbon Disulfide	2.48	76	4552	0.277	ug/l #	86
20) Methylene Chloride	2.70	84	24253	4.136	ug/l #	88
23) Vinyl Acetate	3.61	43	5165	0.283	ug/l #	77
25) 2-Butanone	4.28	43	6586	1.124	ug/l	95
29) Tetrahydrofuran	4.65	42	2342	0.615	ug/l #	47
31) Cyclohexane	4.98	56	8688	0.398	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	33148	4.115	ug/l #	50
38) Carbon Tetrachloride	4.98	117	38753	5.858	ug/l #	15
48) Methyl methacrylate	6.54	41	21319	2.353	ug/l #	25
49) 1,4-Dioxane	6.62	88	291	2.010	ug/l #	15
51) 4-Methyl-2-Pentanone	7.47	43	10361	0.932	ug/l	99
59) 2-Hexanone	8.37	43	5295	0.615	ug/l	97
74) N-amyl acetate	10.02	43	3448	0.234	ug/l #	94
76) 1,2,3-Trichloropropane	10.30	75	165481	19.772	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	8454	0.427	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.30	75	165481	52.485	ug/l #	100
82) 4-Chlorotoluene	10.77	91	4546	0.231	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	4230	0.211	ug/l	79
87) 1,3-Dichlorobenzene	11.42	146	2648	0.262	ug/l	95
88) 1,4-Dichlorobenzene	11.42	146	2648	0.261	ug/l	94
89) n-Butylbenzene	11.89	91	6021	0.310	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	2758	0.274	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	12.66	75	451	0.210	ug/l	77
93) 1,2,4-Trichlorobenzene	13.51	180	4204	0.638	ug/l	92
94) Hexachlorobutadiene	13.69	225	1697	0.546	ug/l	95
95) Naphthalene	13.75	128	28127	3.880	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.99	180	4022	0.604	ug/l	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

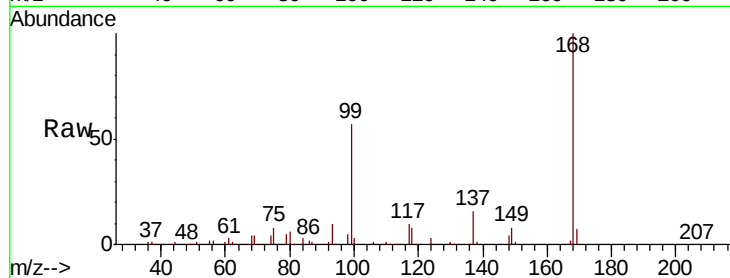
TP-3

Tot Ion:168 Resp: 400077

Ion Ratio Lower Upper

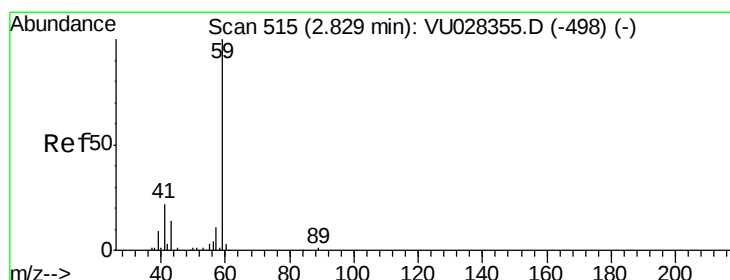
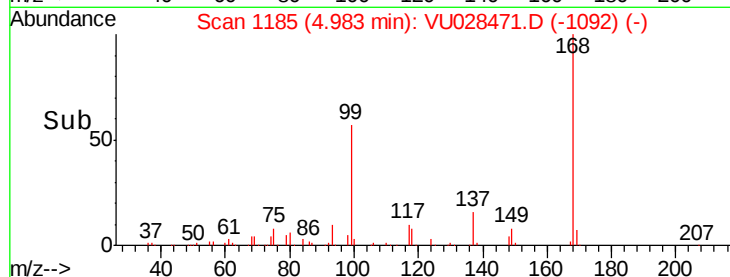
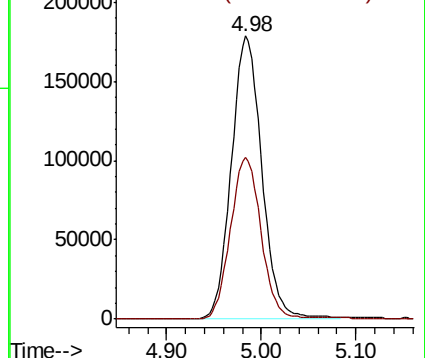
168 100

99 57.2 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028471.D

Ion 98.90 (98.60 to 99.60): VU028471.D



#11

Tert butyl alcohol

Concen: 1.142 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU028471.D

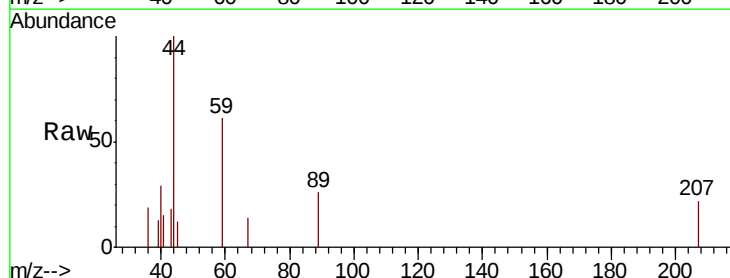
Acq: 05 Dec 2018 11:42

Tgt Ion: 59 Resp: 1735

Ion Ratio Lower Upper

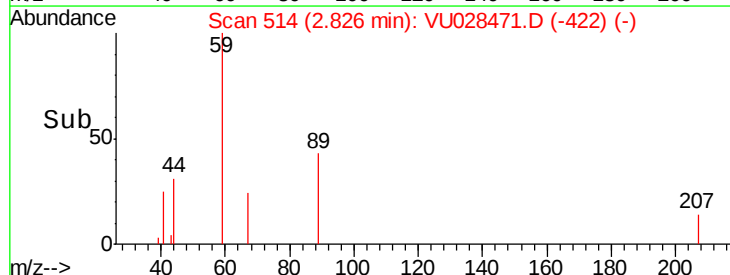
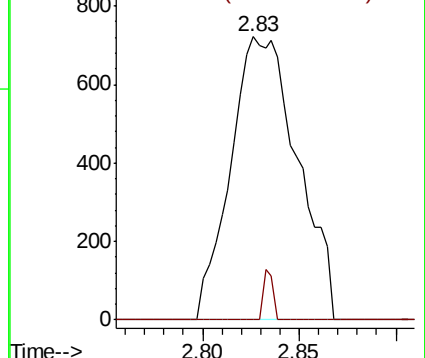
59 100

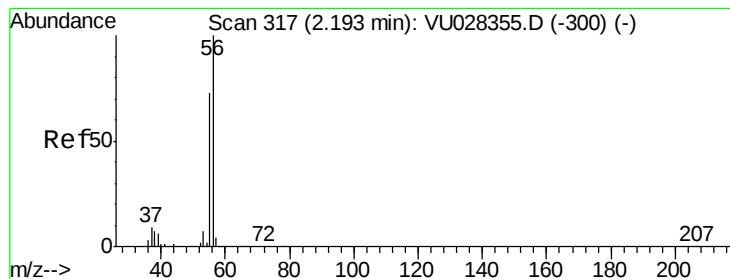
57 2.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028471.D

Ion 57.00 (56.70 to 57.70): VU028471.D





#13

Acrolein

Concen: 0.706 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

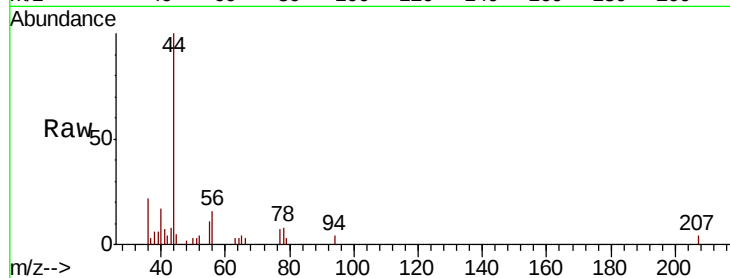
TP-3

Tot Ion: 56 Resp: 953

Ion Ratio Lower Upper

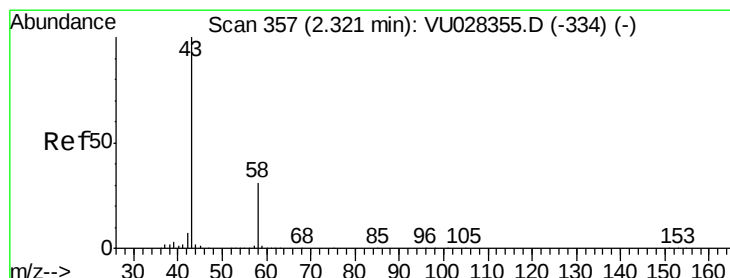
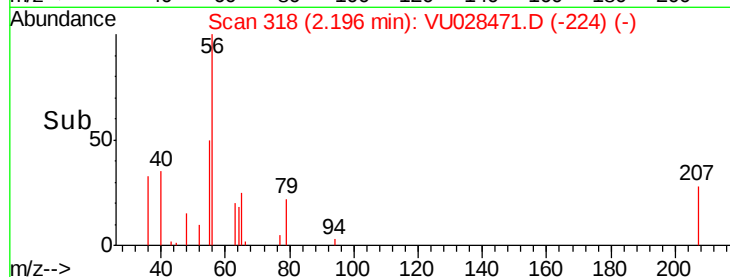
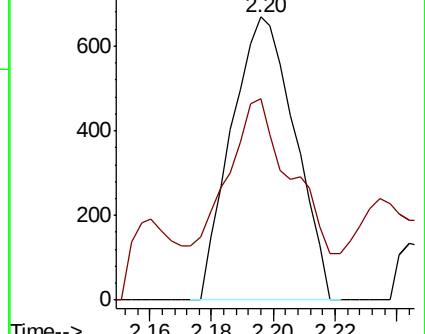
56 100

55 51.7 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: 19.867 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028471.D

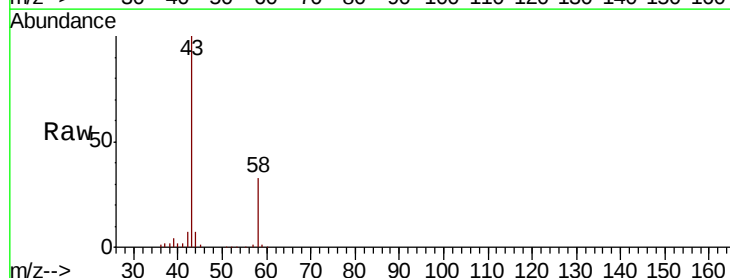
Acq: 05 Dec 2018 11:42

Tgt Ion: 43 Resp: 81258

Ion Ratio Lower Upper

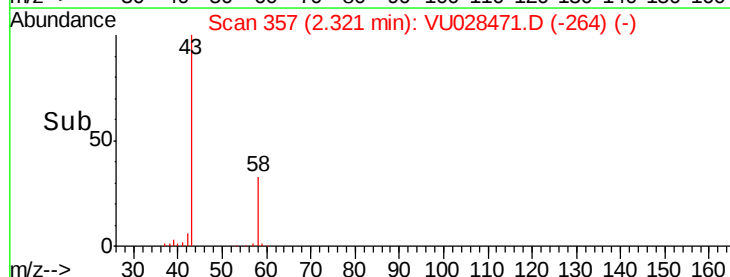
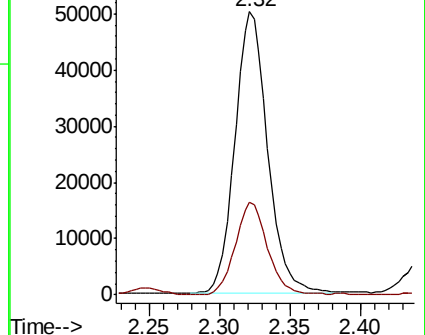
43 100

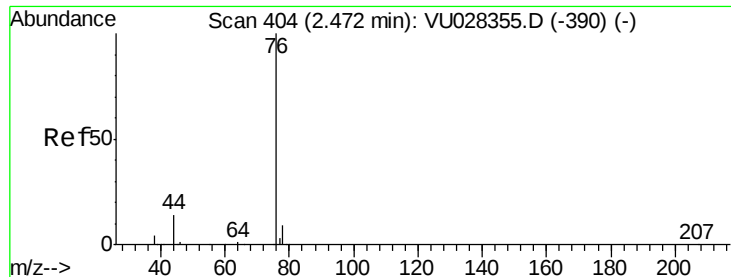
58 33.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.277 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

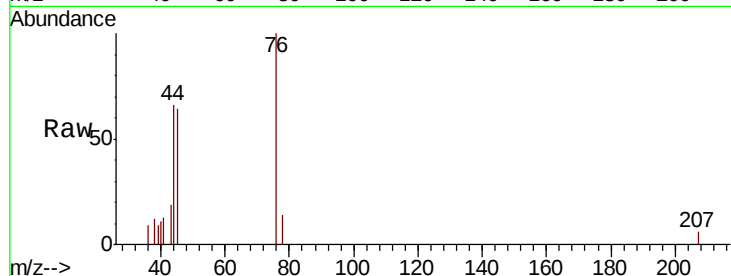
TP-3

Tot Ion: 76 Resp: 4552

Ion Ratio Lower Upper

76 100

78 14.4 7.4 11.2#

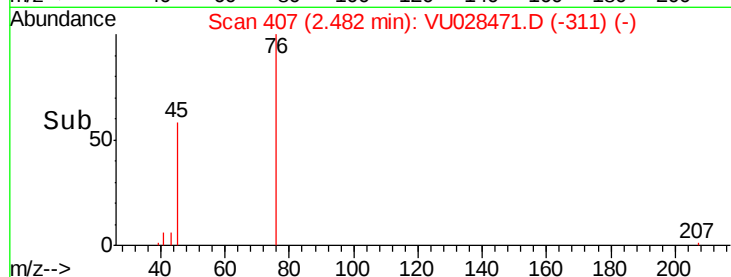


Abundance Ion 75.90 (75.60 to 76.60): VU028355.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028355.D (-390) (-)

2.48

Time-->



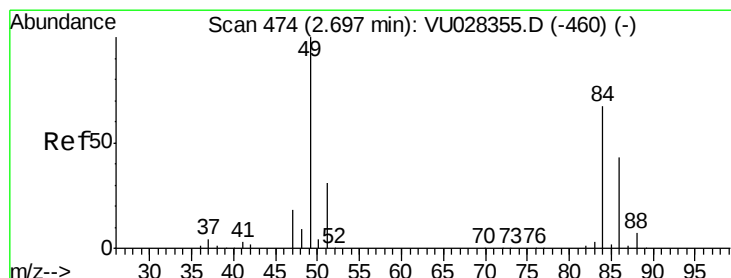
Abundance

Ion 75.90 (75.60 to 76.60): VU028355.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028355.D (-390) (-)

2.48

Time-->



#20

Methylene Chloride

Concen: 4.136 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Tgt Ion: 84 Resp: 24253

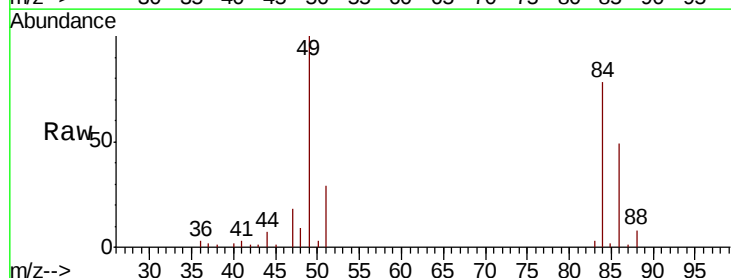
Ion Ratio Lower Upper

84 100

49 128.7 120.0 180.0

51 36.7 36.9 55.3#

86 63.7 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VU028355.D (-460) (-)

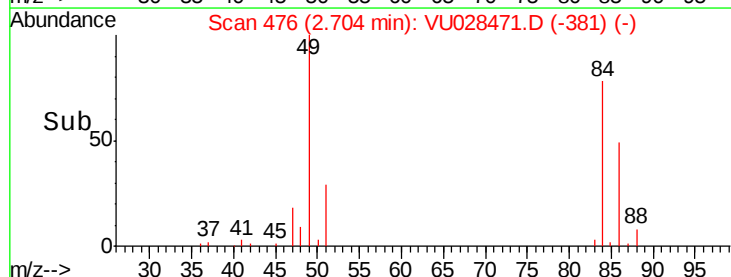
Ion 48.90 (48.60 to 49.60): VU028355.D (-460) (-)

Ion 50.90 (50.60 to 51.60): VU028355.D (-460) (-)

Ion 85.90 (85.60 to 86.60): VU028355.D (-460) (-)

2.70

Time-->



Abundance

Ion 83.90 (83.60 to 84.60): VU028355.D (-460) (-)

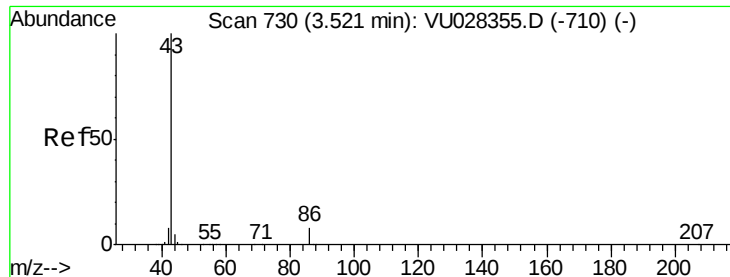
Ion 48.90 (48.60 to 49.60): VU028355.D (-460) (-)

Ion 50.90 (50.60 to 51.60): VU028355.D (-460) (-)

Ion 85.90 (85.60 to 86.60): VU028355.D (-460) (-)

2.70

Time-->



#23

Vinyl Acetate

Concen: 0.283 ug/l

RT: 3.61 min Scan# 758

Delta R.T. 0.09 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

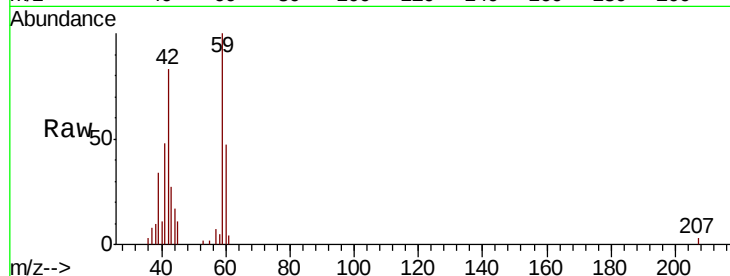
TP-3

Tot Ion: 43 Resp: 5165

Ion Ratio Lower Upper

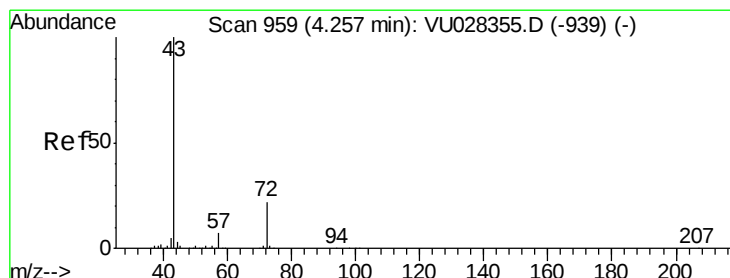
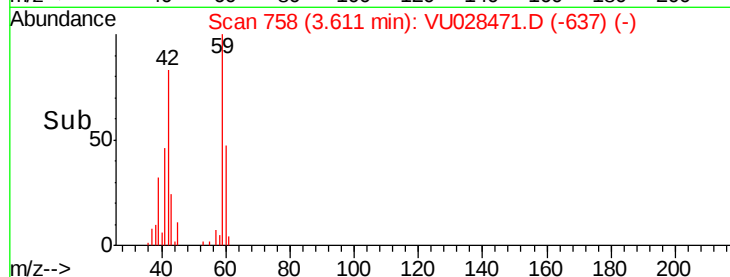
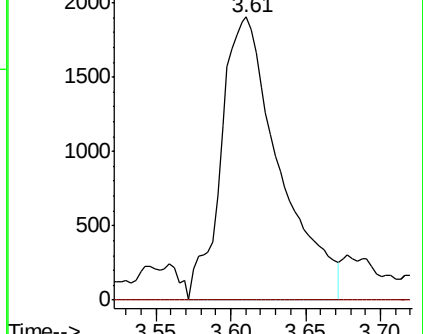
43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#25

2-Butanone

Concen: 1.124 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU028471.D

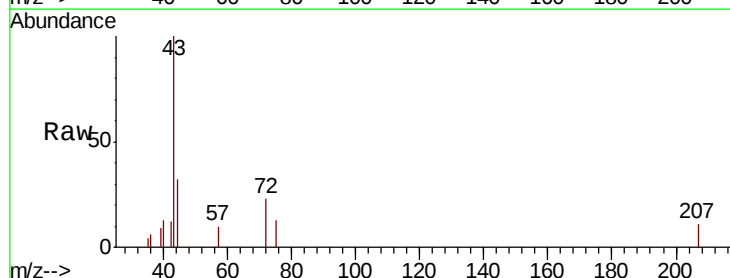
Acq: 05 Dec 2018 11:42

Tgt Ion: 43 Resp: 6586

Ion Ratio Lower Upper

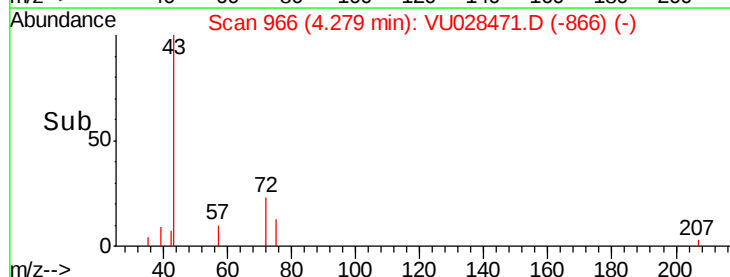
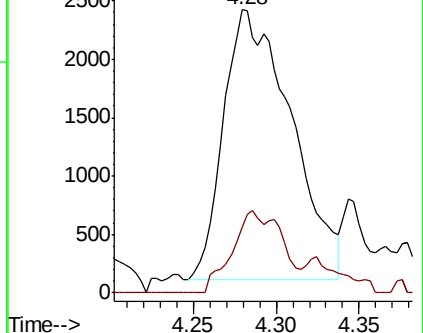
43 100

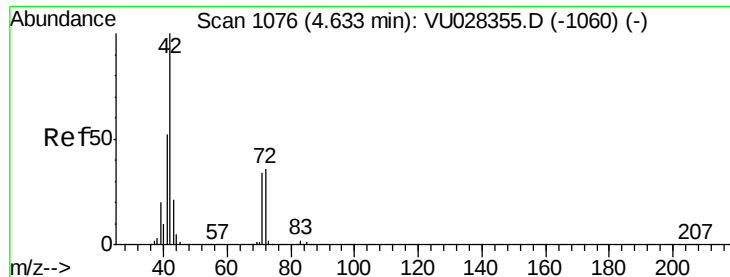
72 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.615 ug/l

RT: 4.65 min Scan# 1082

Delta R.T. 0.02 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

TP-3

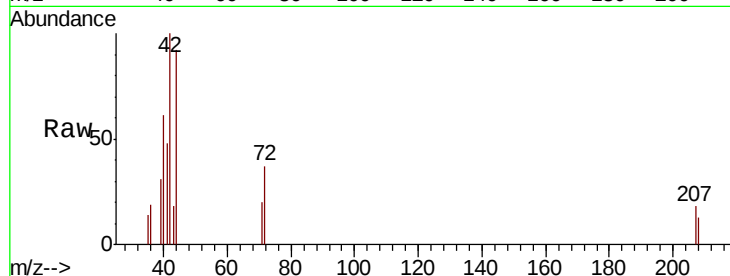
Tot Ion: 42 Resp: 2342

Ion Ratio Lower Upper

42 100

72 0.0 29.5 44.3#

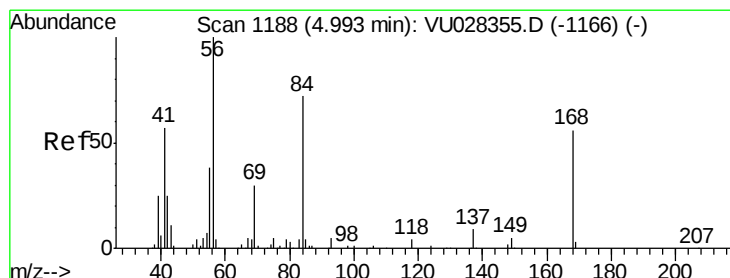
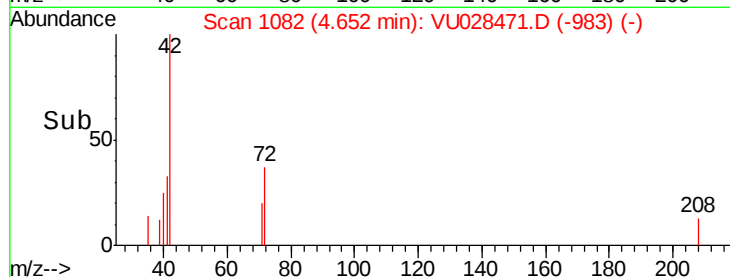
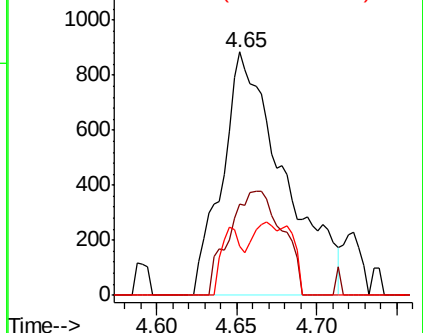
71 9.5 27.7 41.5#



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: 0.398 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

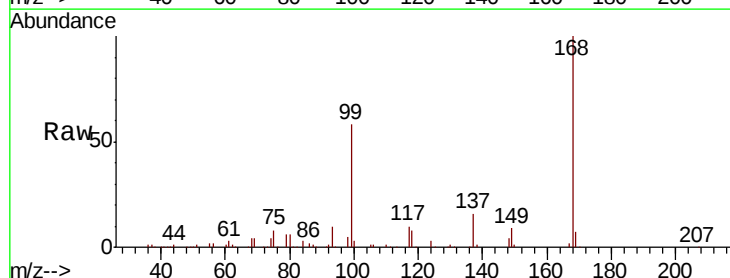
Tgt Ion: 56 Resp: 8688

Ion Ratio Lower Upper

56 100

69 157.2 23.7 35.5#

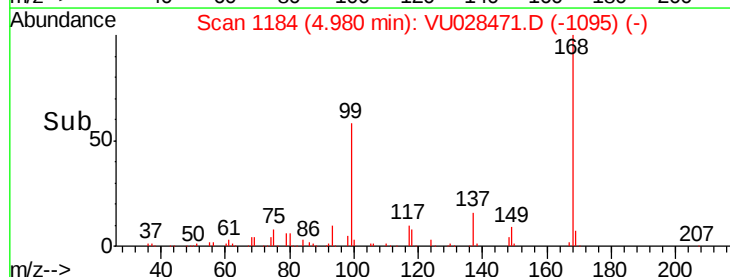
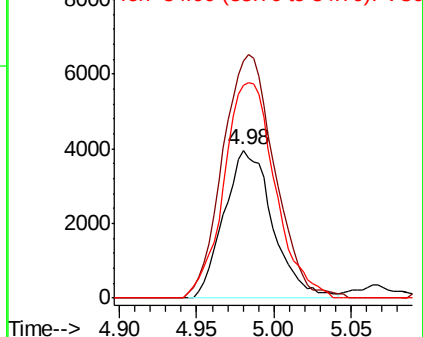
84 144.2 57.3 85.9#

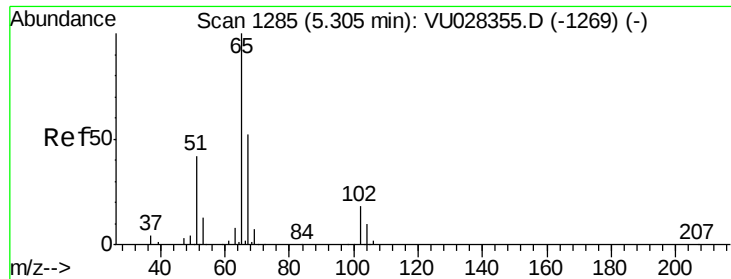


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

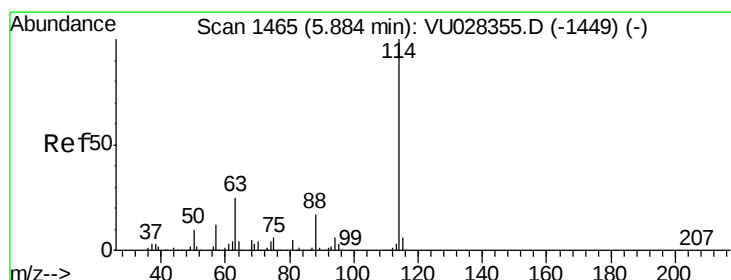
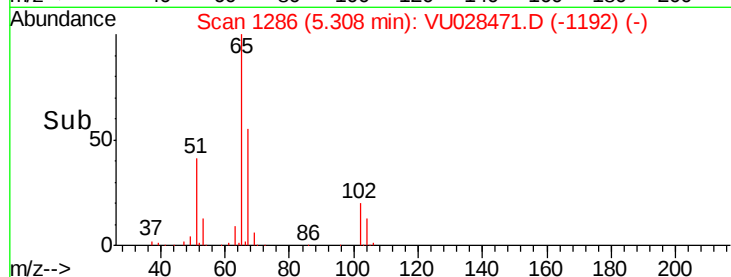
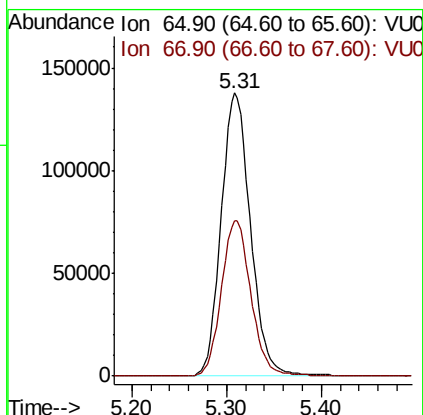
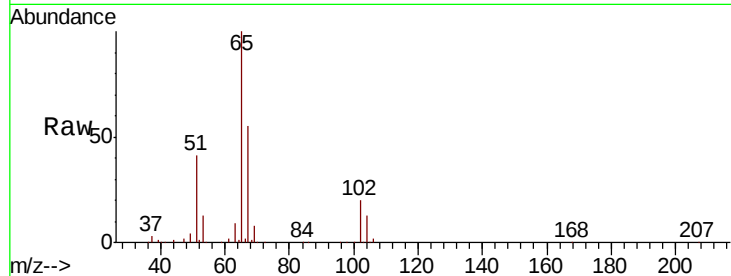




#33
 1,2-Dichloroethane-d4
 Concen: 44.350 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

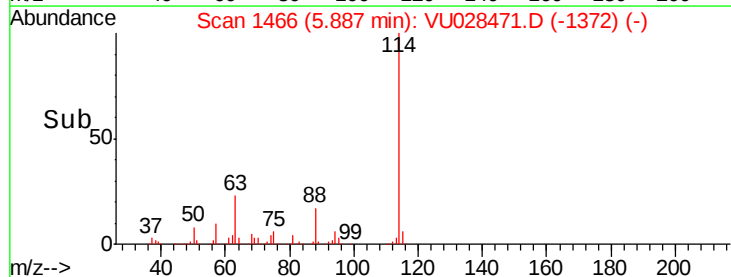
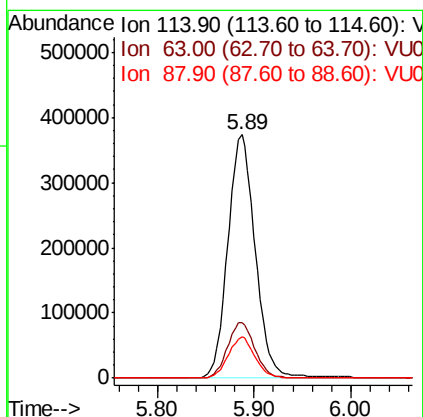
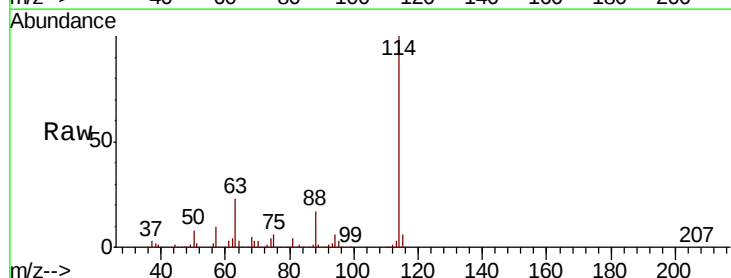
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

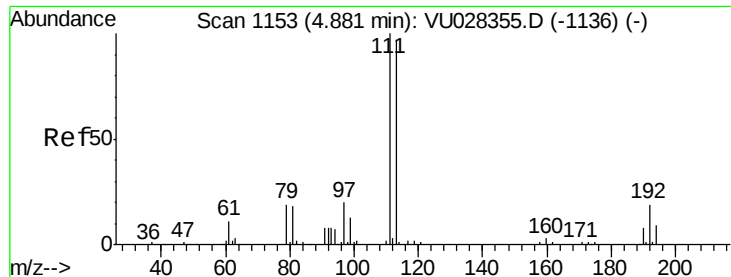
Tot Ion: 65 Resp: 296538
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion: 114 Resp: 736189
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 50.0
 88 16.8 0.0 34.4

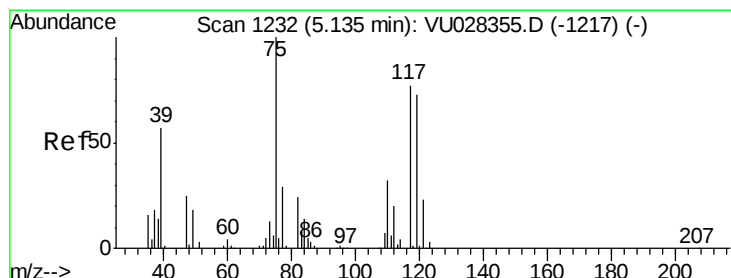
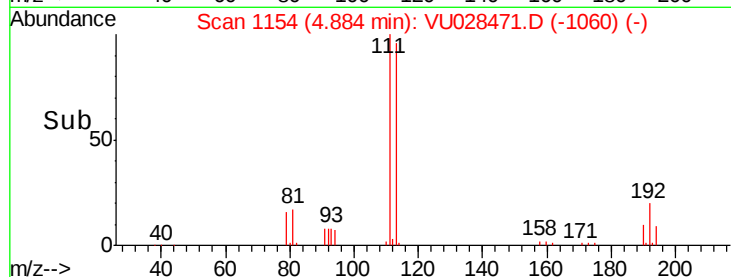
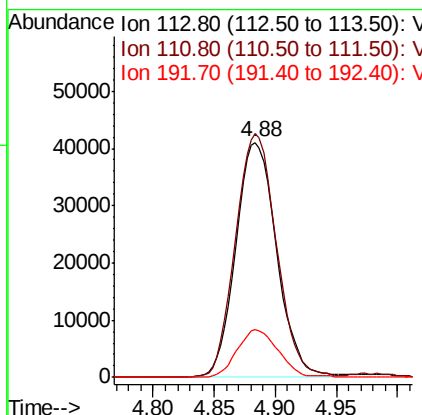
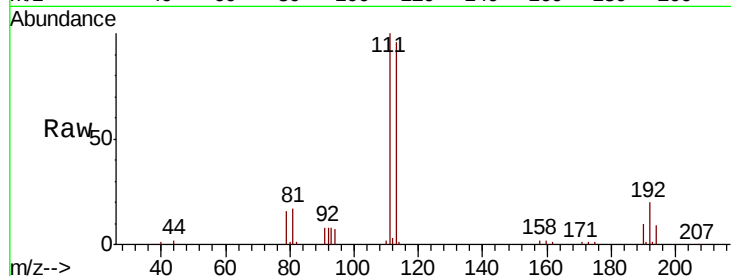




#35
 Dibromofluoromethane
 Concen: 19.493 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

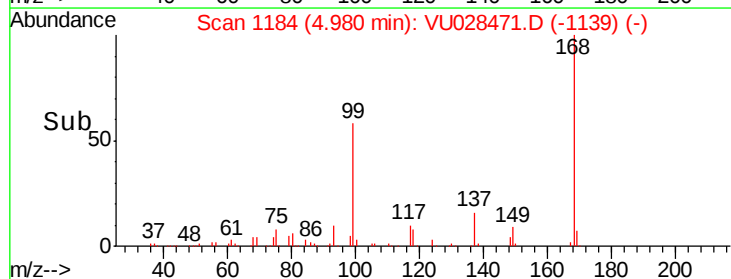
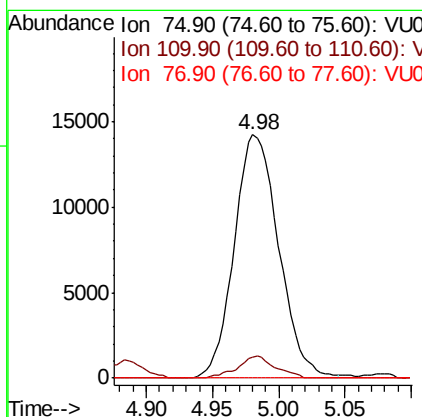
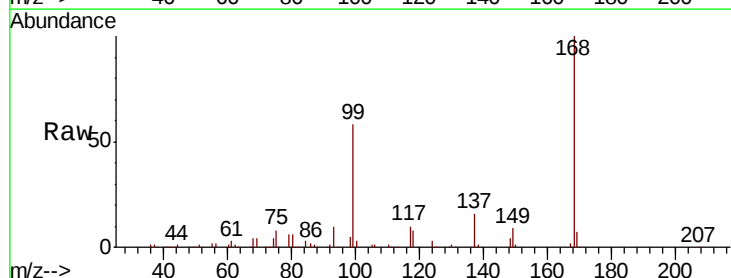
Instrument :
 MSVOA_U
 ClientSampled :
 TP-3

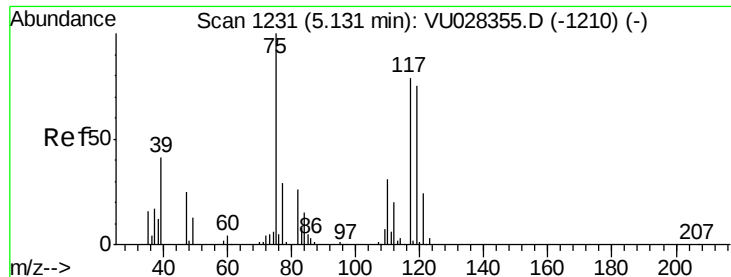
Tot Ion:113 Resp: 95426
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 20.4 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.115 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion: 75 Resp: 33148
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.8 47.4#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.858 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

TP-3

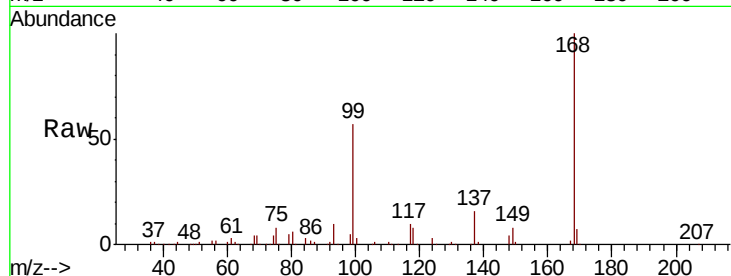
Tot Ion:117 Resp: 38753

Ion Ratio Lower Upper

117 100

119 3.9 76.3 114.5#

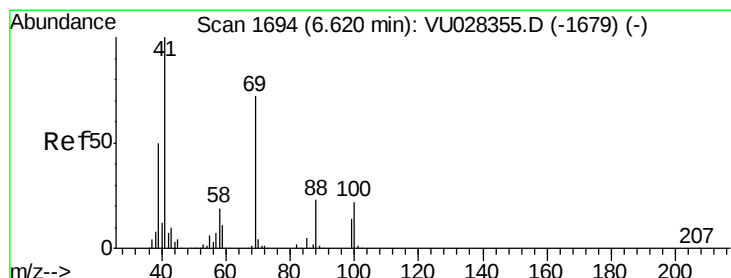
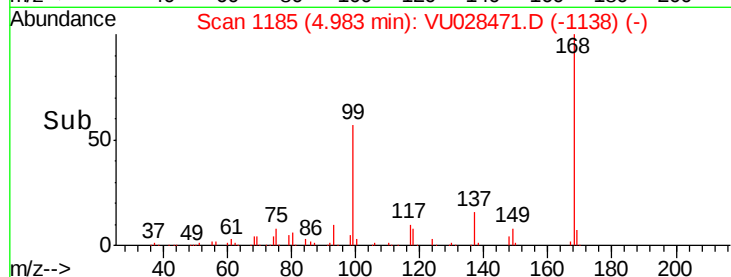
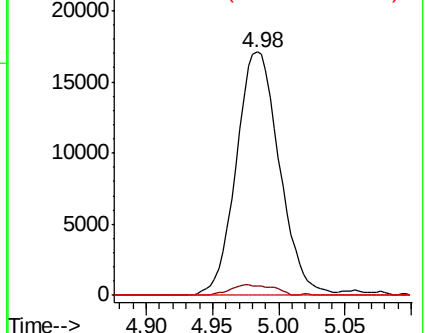
121 0.0 24.7 37.1#



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



#48

Methyl methacrylate

Concen: 2.353 ug/l

RT: 6.54 min Scan# 1668

Delta R.T. -0.08 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

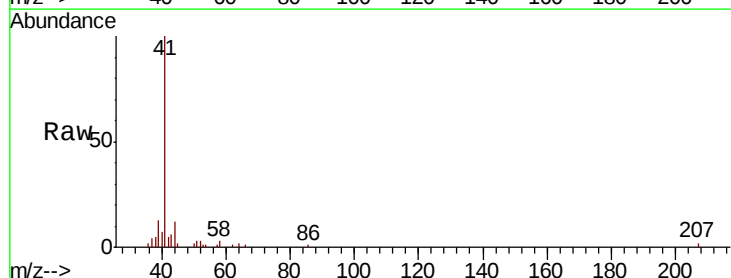
Tgt Ion: 41 Resp: 21319

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

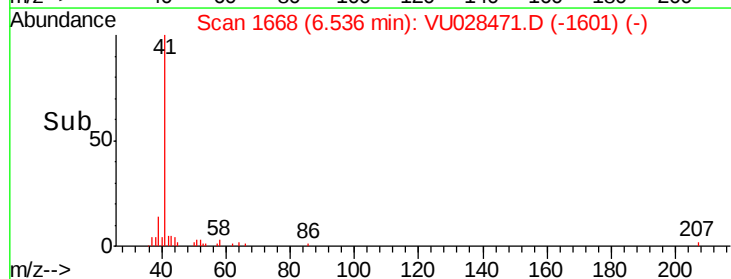
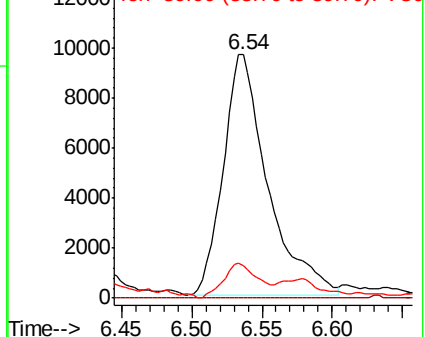
39 10.9 40.5 60.7#

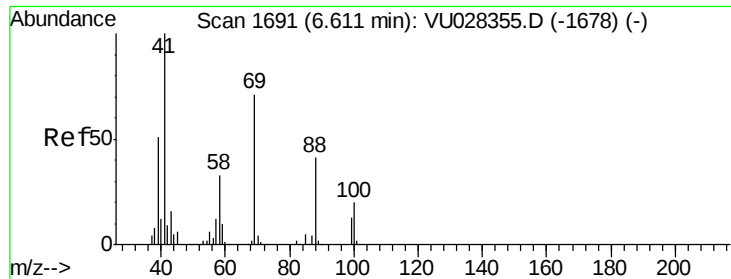


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

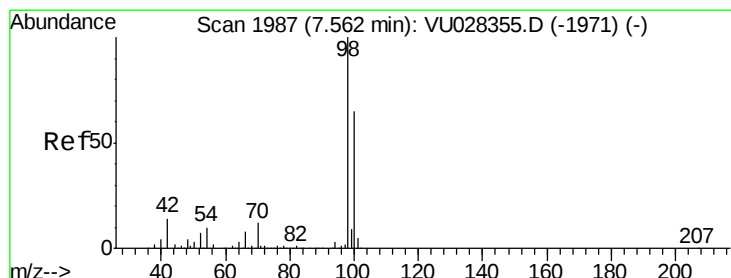
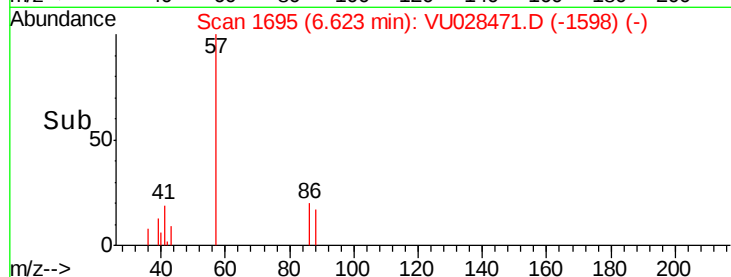
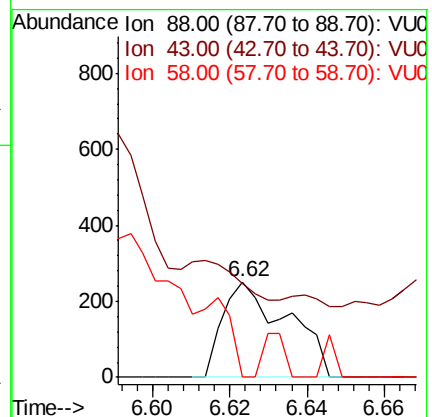
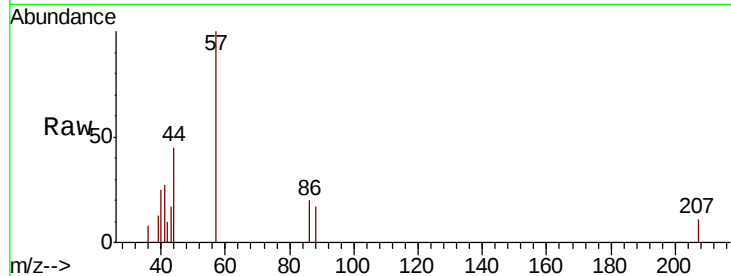




#49
1,4-Dioxane
Concen: 2.010 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

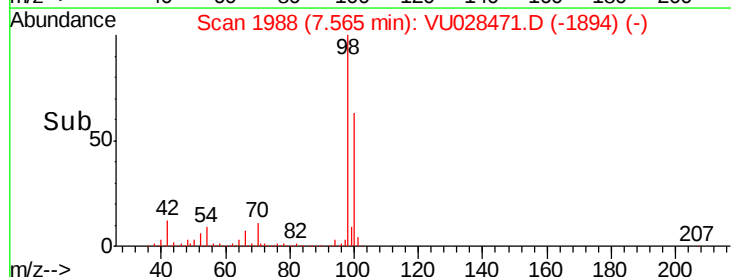
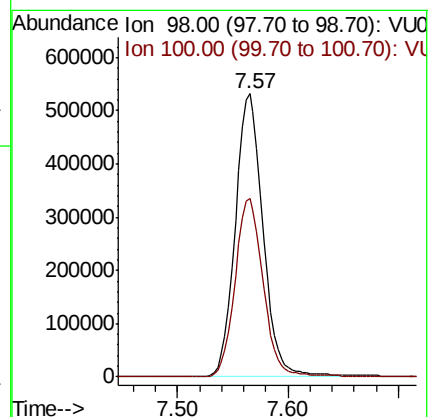
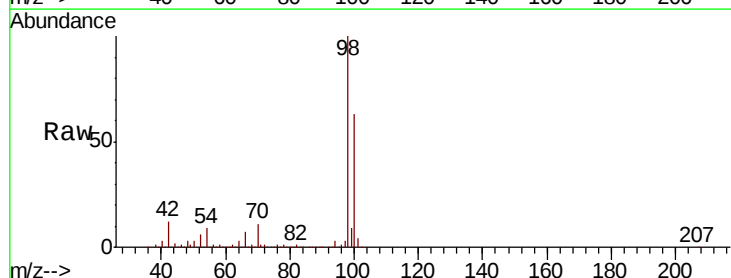
Instrument :
MSVOA_U
ClientSampleId :
TP-3

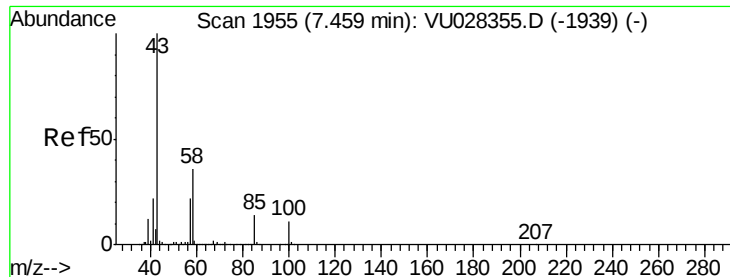
Tot Ion: 88 Resp: 291
Ion Ratio Lower Upper
88 100
43 0.0 32.6 48.8#
58 0.0 68.7 103.1#



#50
Toluene-d8
Concen: 47.347 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Tgt Ion: 98 Resp: 926969
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 0.932 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

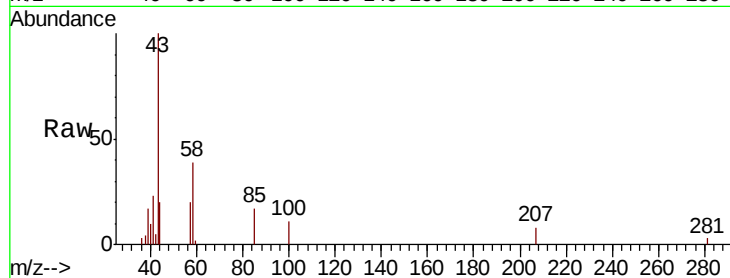
TP-3

Tot Ion: 43 Resp: 10361

Ion Ratio Lower Upper

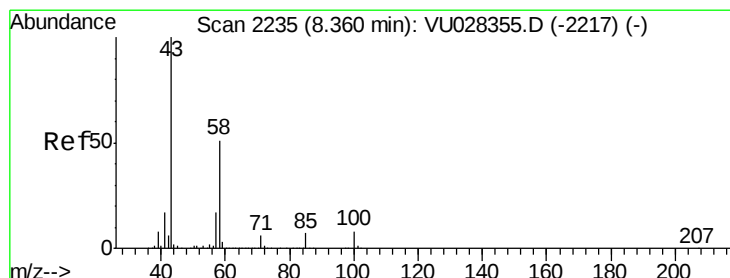
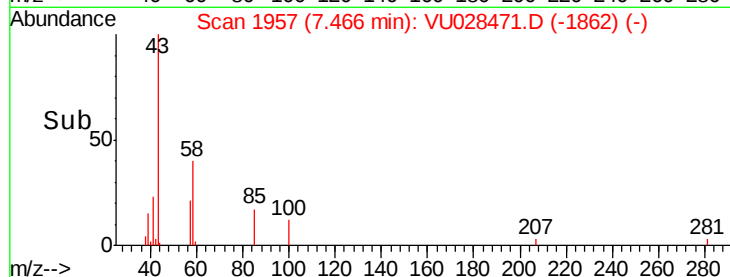
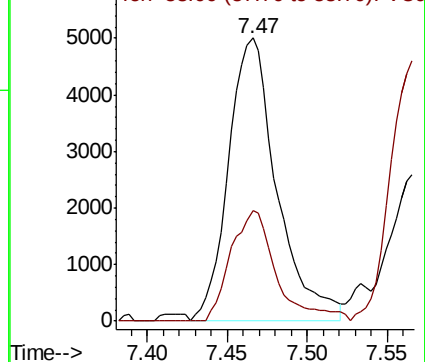
43 100

58 36.8 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#59

2-Hexanone

Concen: 0.615 ug/l

RT: 8.37 min Scan# 2238

Delta R.T. 0.01 min

Lab File: VU028471.D

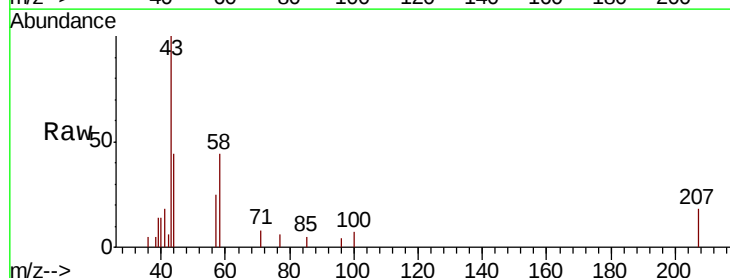
Acq: 05 Dec 2018 11:42

Tgt Ion: 43 Resp: 5295

Ion Ratio Lower Upper

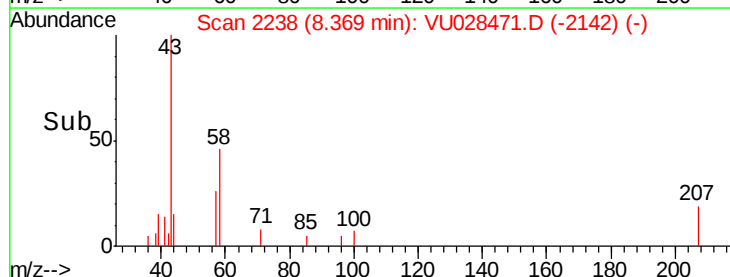
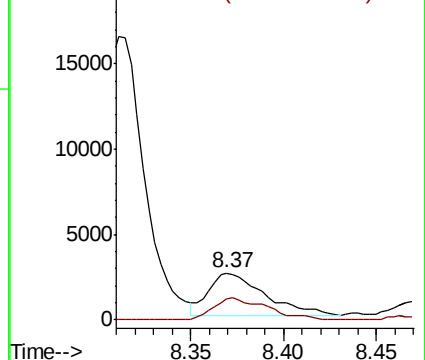
43 100

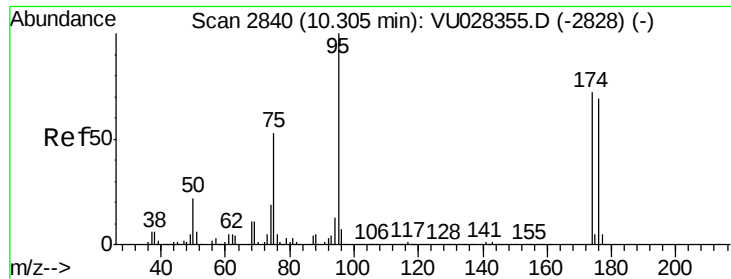
58 49.1 25.5 76.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

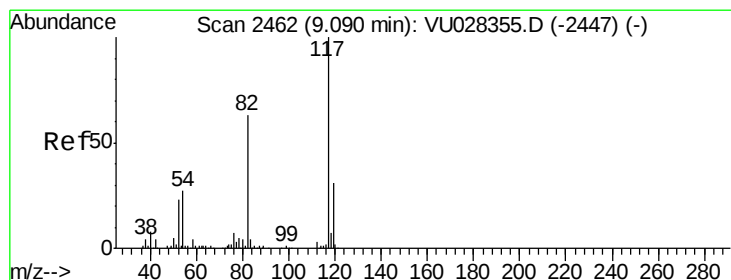
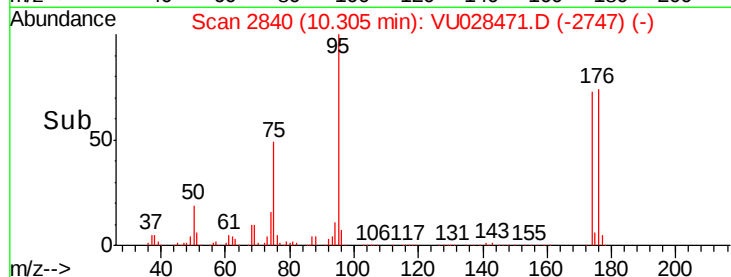
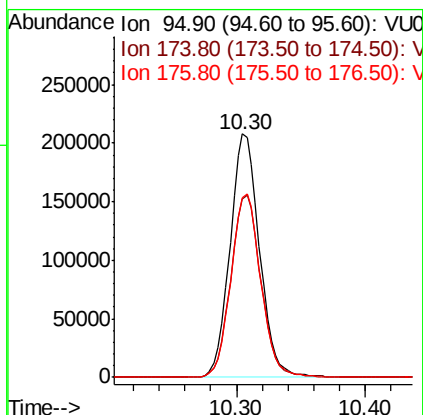
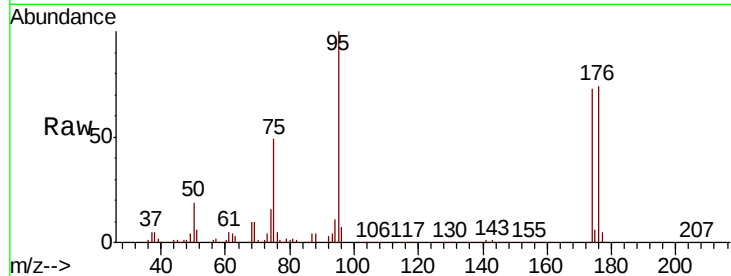




#62
4-Bromofluorobenzene
Concen: 46.635 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

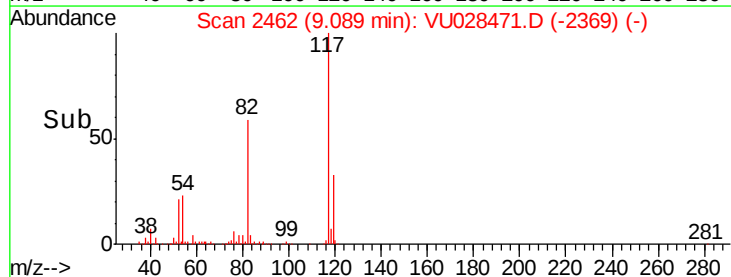
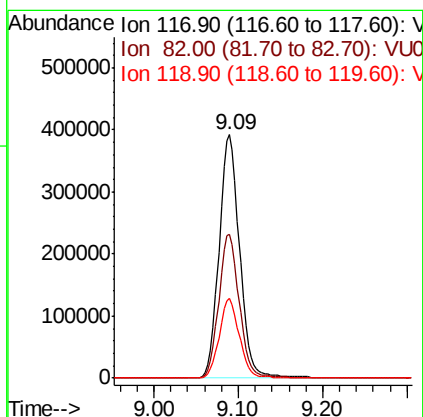
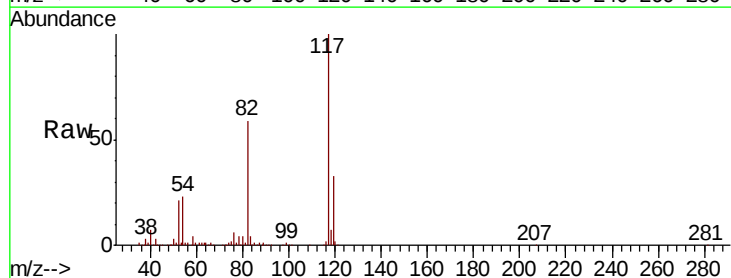
Instrument :
MSVOA_U
ClientSampleId :
TP-3

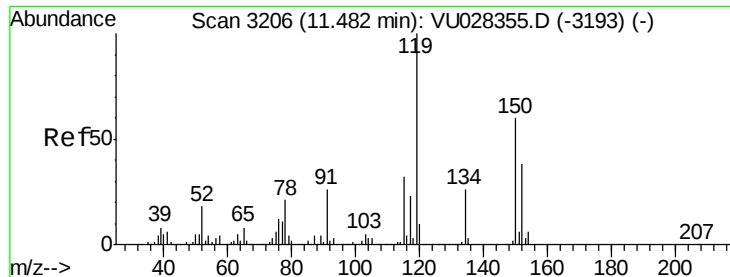
Tot Ion: 95 Resp: 329078
Ion Ratio Lower Upper
95 100
174 76.5 0.0 145.4
176 76.1 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Tgt Ion: 117 Resp: 664771
Ion Ratio Lower Upper
117 100
82 59.1 50.3 75.5
119 32.5 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

TP-3

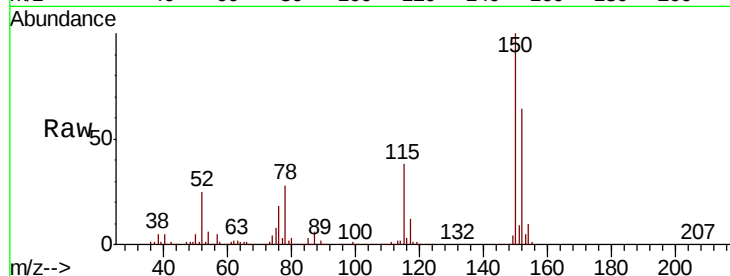
Tot Ion:152 Resp: 301810

Ion Ratio Lower Upper

152 100

115 59.9 45.0 134.8

150 157.1 0.0 349.2

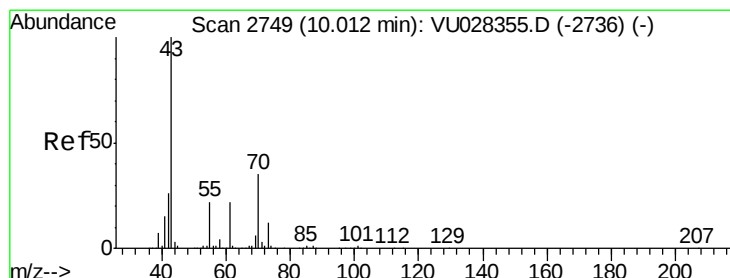
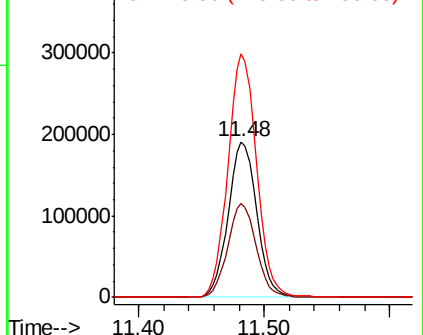
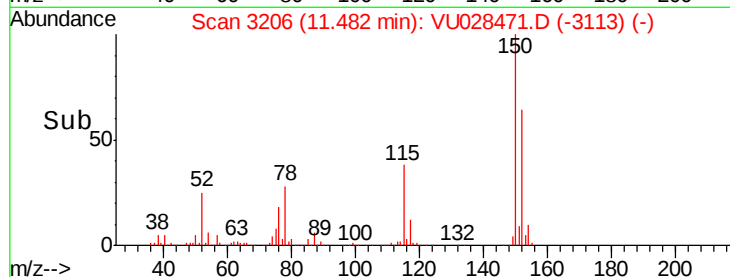


Abundance

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: 0.234 ug/l

RT: 10.02 min Scan# 2752

Delta R.T. 0.01 min

Lab File: VU028471.D

Acq: 05 Dec 2018 11:42

Tgt Ion: 43 Resp: 3448

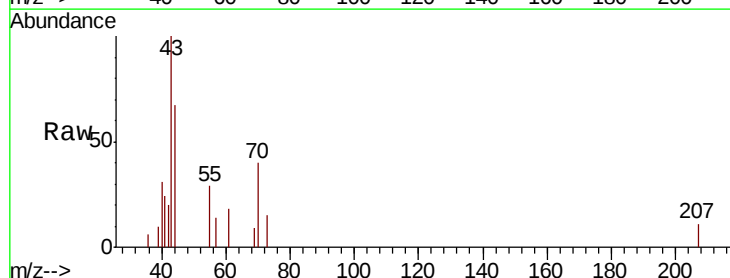
Ion Ratio Lower Upper

43 100

70 34.1 28.4 42.6

55 22.6 18.0 27.0

61 13.7 17.6 26.4#



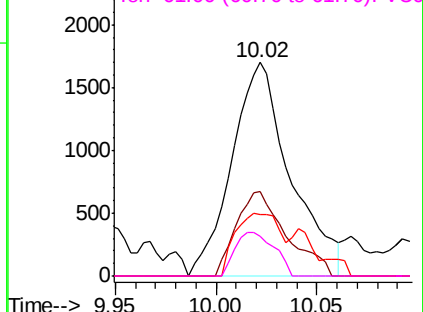
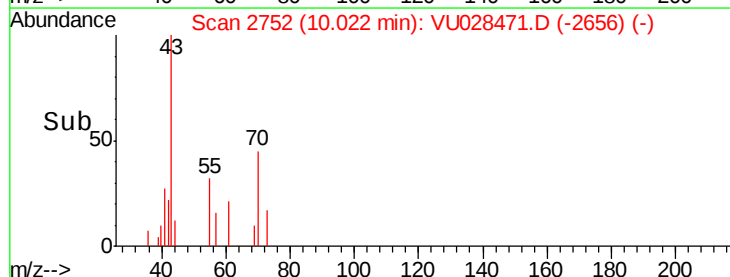
Abundance

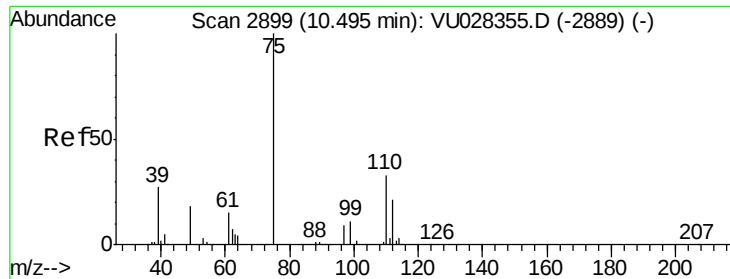
Ion 43.00 (42.70 to 43.70): VU0

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

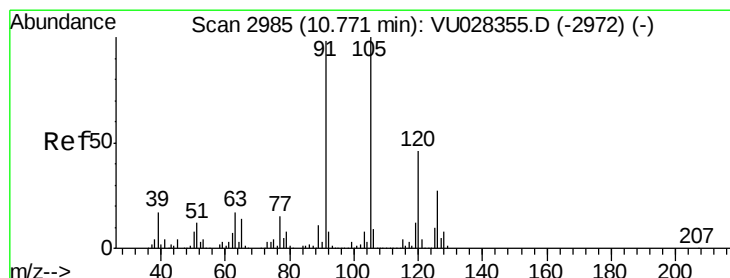
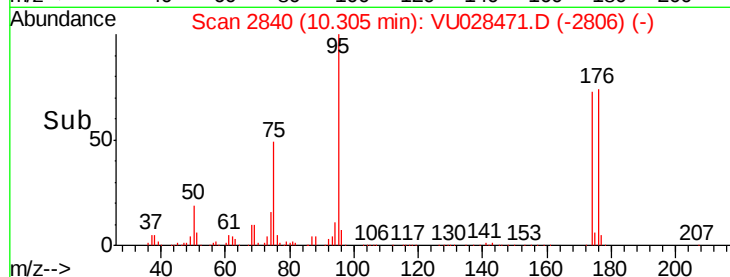
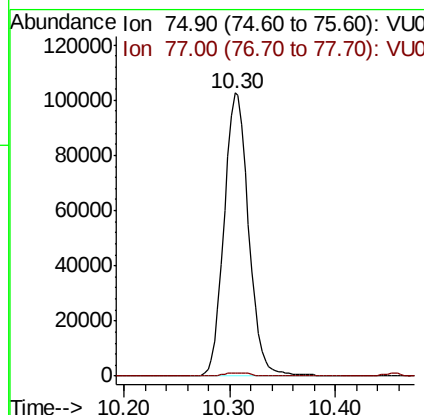
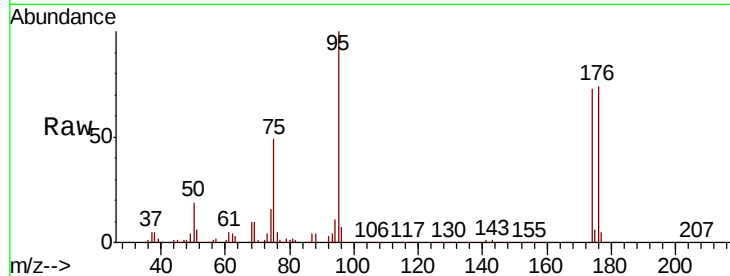




#76
 1,2,3-Trichloropropane
 Concen: 19.772 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

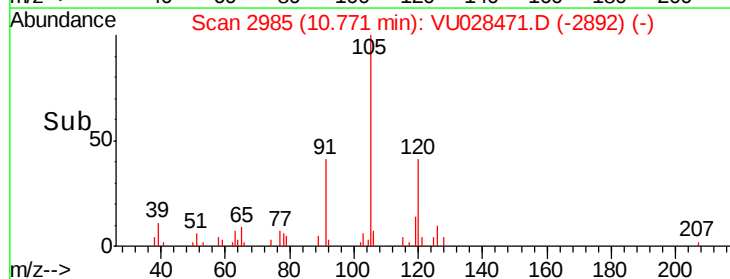
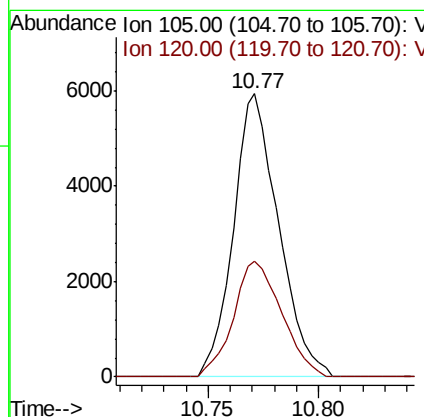
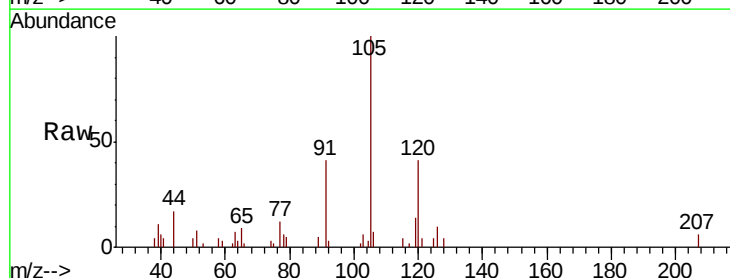
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

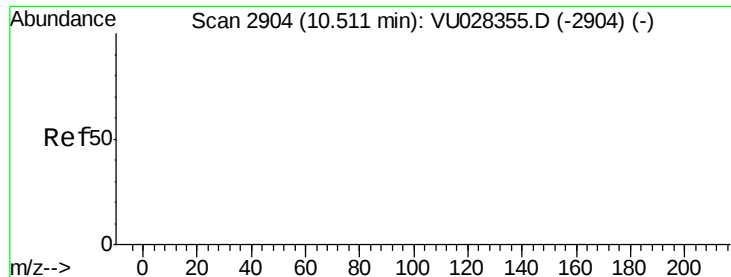
Tot Ion: 75 Resp: 165481
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.427 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion: 105 Resp: 8454
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.4 70.0

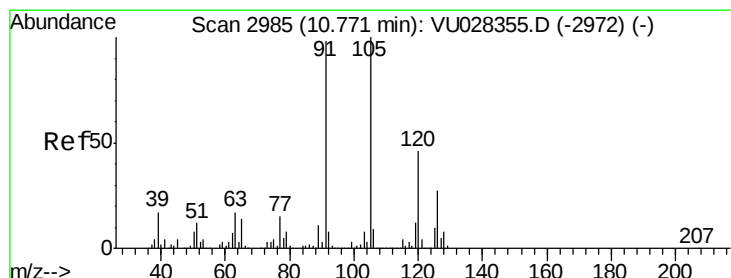
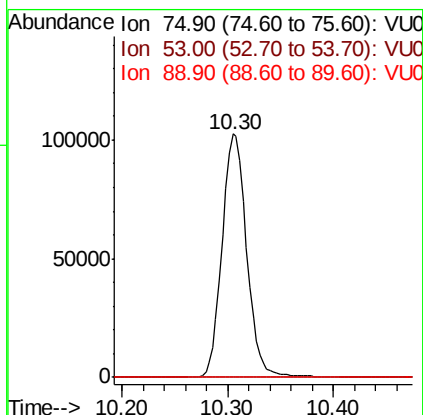
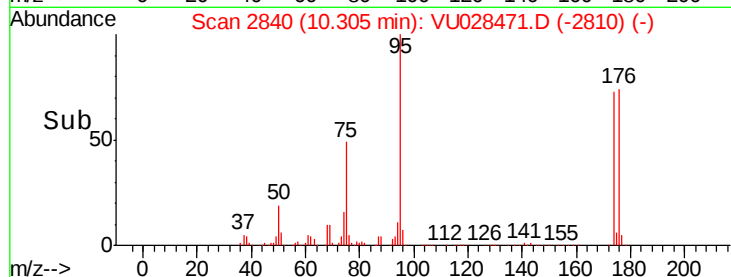
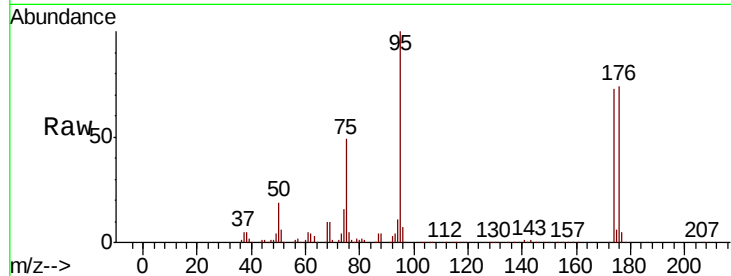




#81
trans-1,4-Dichloro-2-butene
Concen: 52.485 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

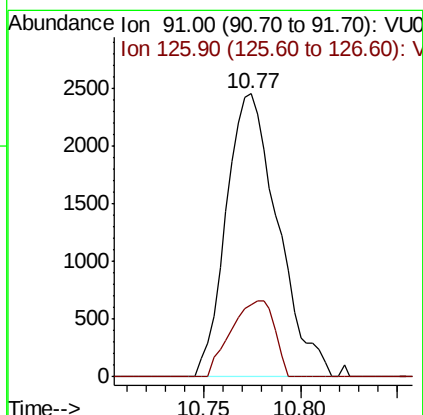
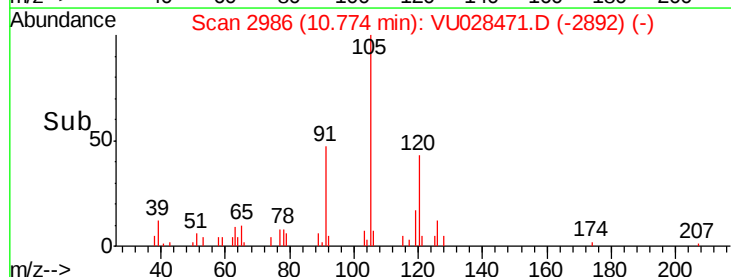
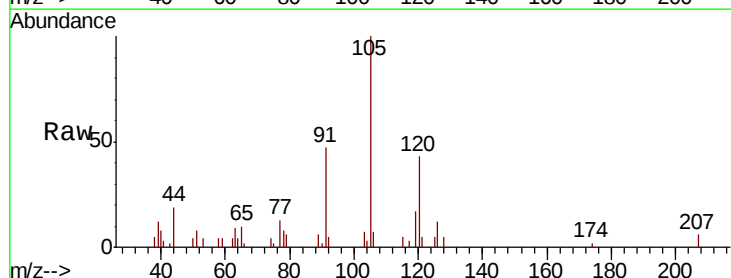
Instrument :
MSVOA_U
ClientSampleId :
TP-3

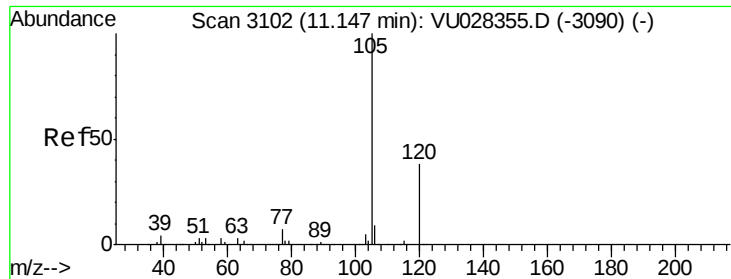
Tot Ion: 75 Resp: 165481
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.231 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Tgt Ion: 91 Resp: 4546
Ion Ratio Lower Upper
91 100
126 22.7 13.9 41.6

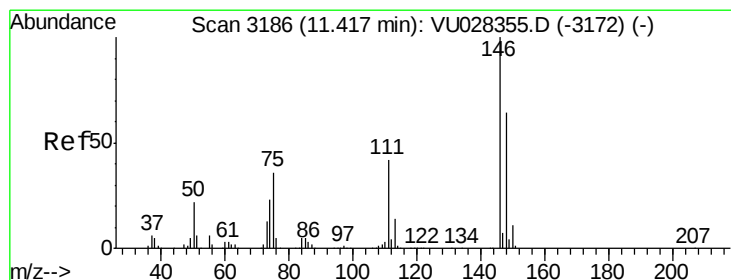
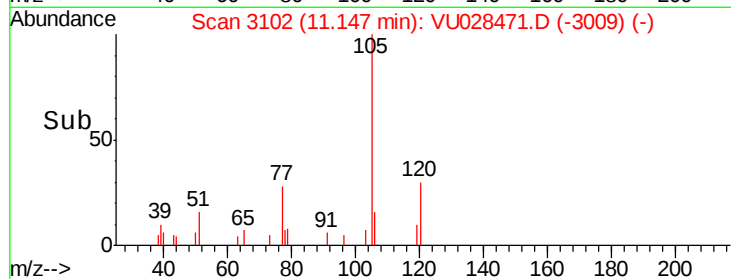
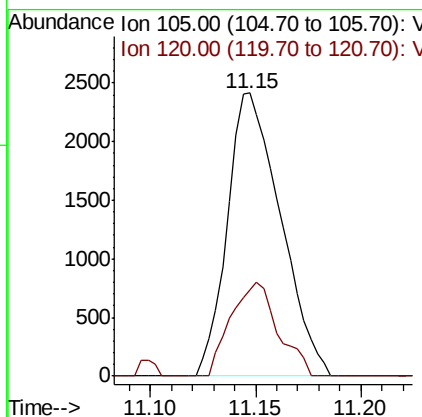
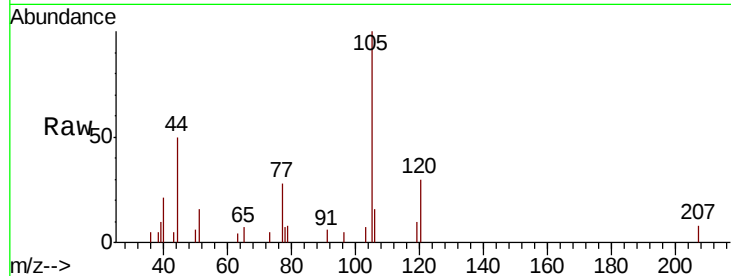




#84
 1,2,4-Trimethylbenzene
 Concen: 0.211 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

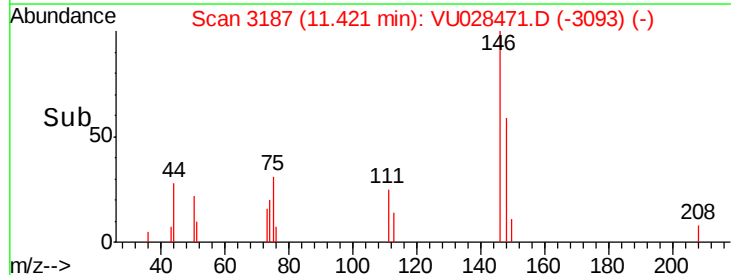
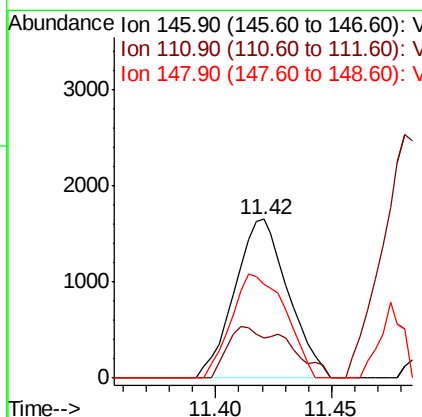
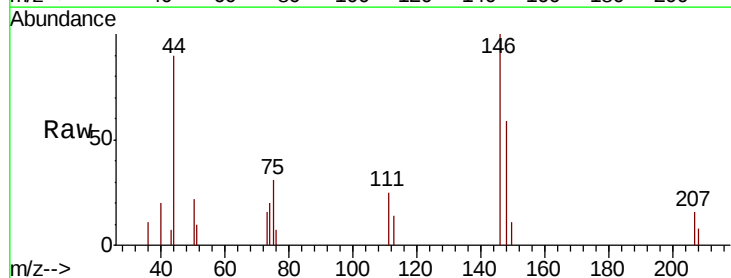
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

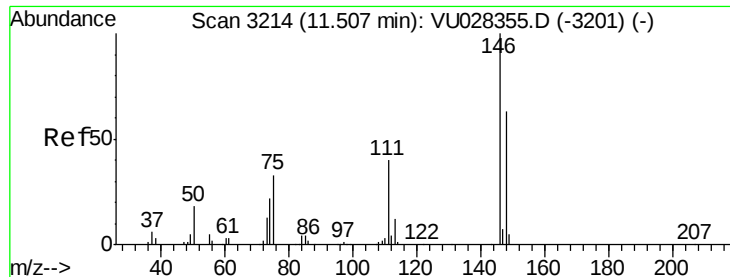
Tot Ion:105 Resp: 4230
 Ion Ratio Lower Upper
 105 100
 120 29.4 21.4 64.3



#87
 1,3-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion:146 Resp: 2648
 Ion Ratio Lower Upper
 146 100
 111 37.2 20.8 62.4
 148 66.1 31.8 95.3

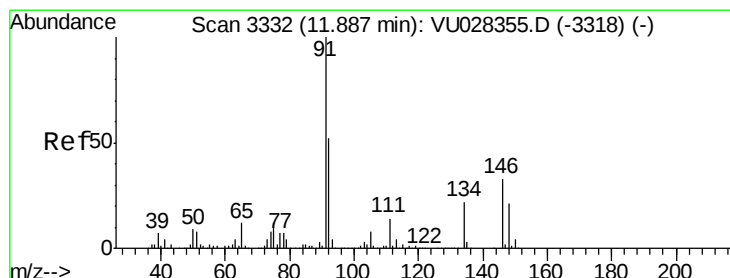
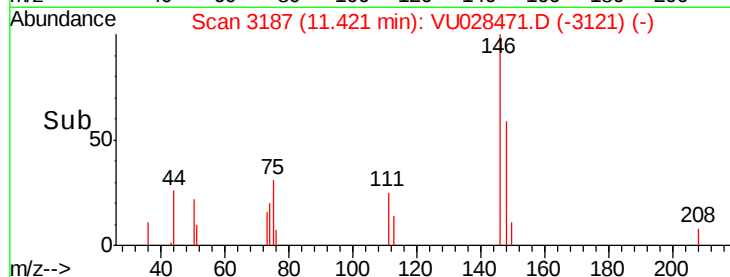
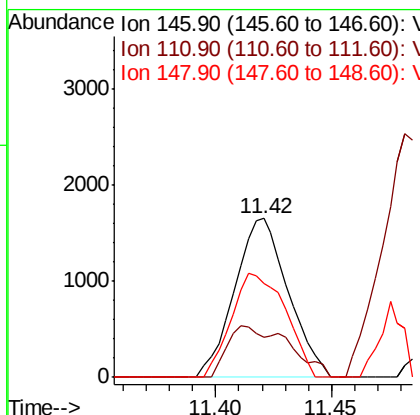
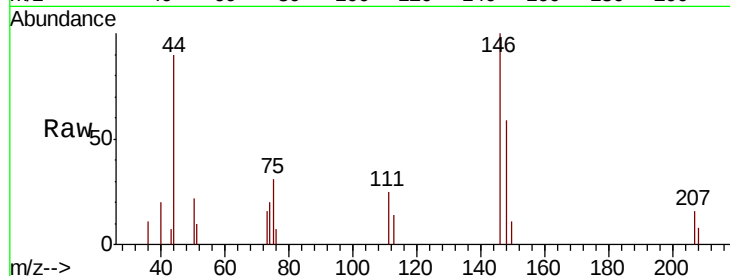




#88
 1,4-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. -0.09 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

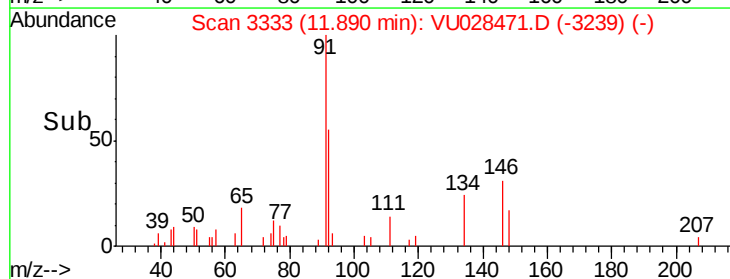
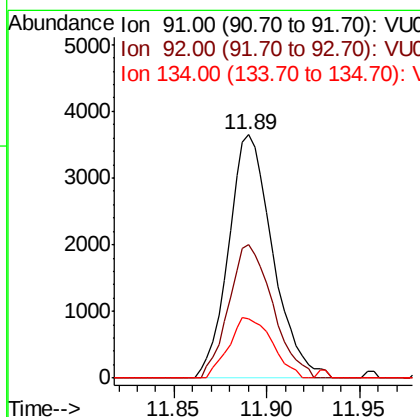
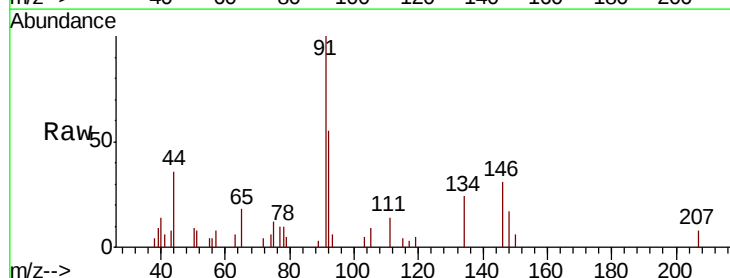
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

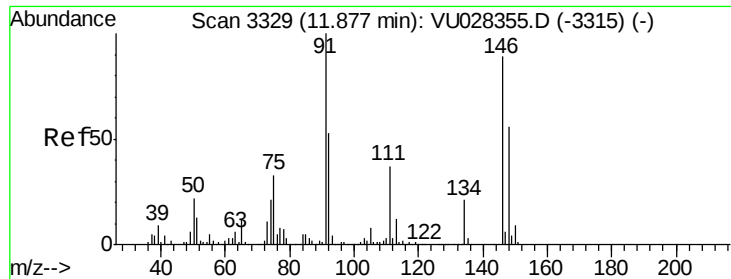
Tot Ion:146 Resp: 2648
 Ion Ratio Lower Upper
 146 100
 111 37.2 20.6 61.9
 148 66.1 31.1 93.5



#89
 n-Butylbenzene
 Concen: 0.310 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion: 91 Resp: 6021
 Ion Ratio Lower Upper
 91 100
 92 54.6 26.2 78.5
 134 24.2 11.1 33.1

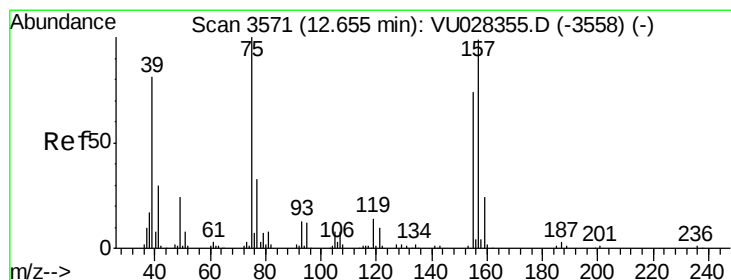
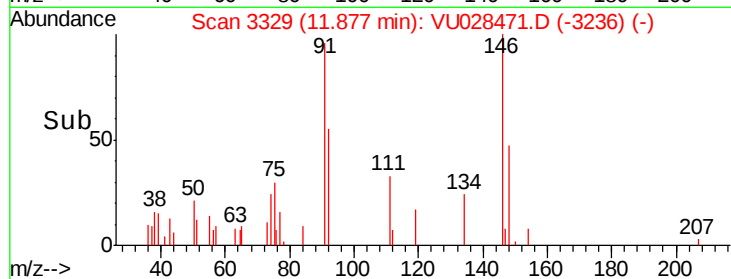
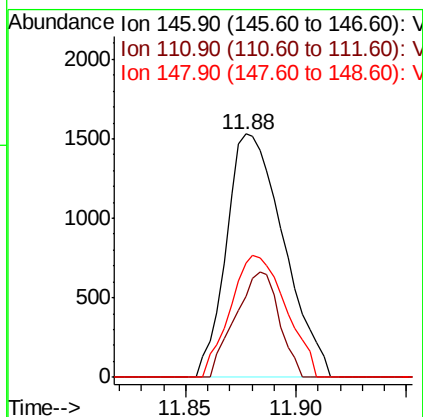
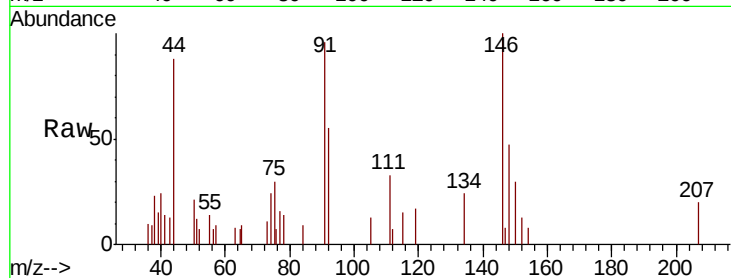




#91
1,2-Dichlorobenzene
Concen: 0.274 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

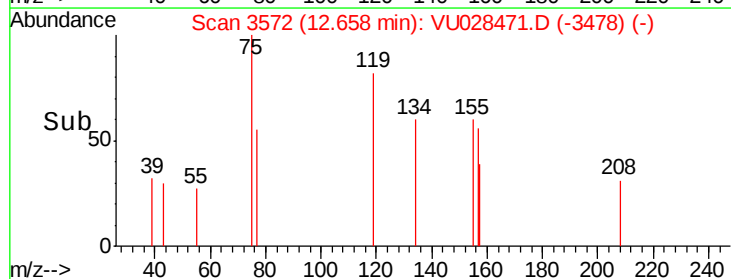
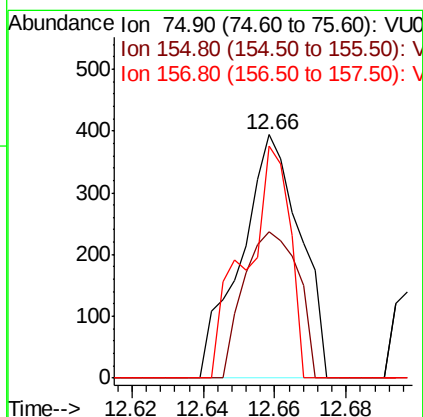
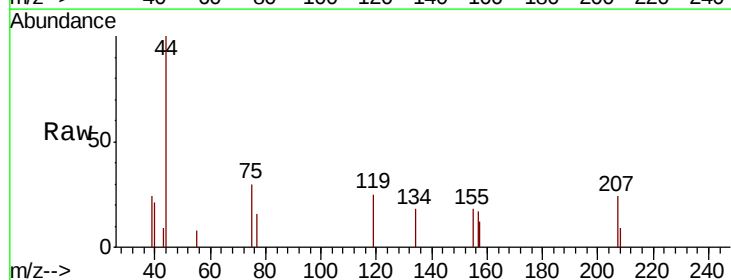
Instrument :
MSVOA_U
ClientSampled :
TP-3

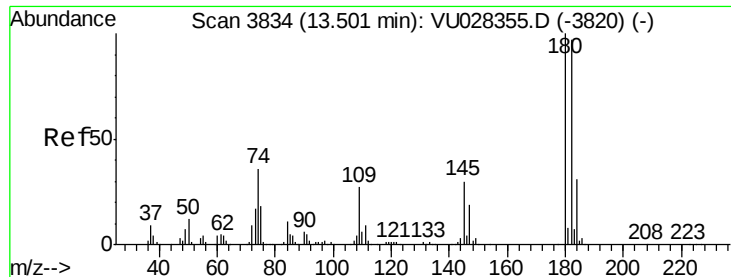
Tot Ion:146 Resp: 2758
Ion Ratio Lower Upper
146 100
111 33.2 21.4 64.3
148 48.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.210 ug/l
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
155 55.4 36.9 110.7
157 71.4 47.5 142.5

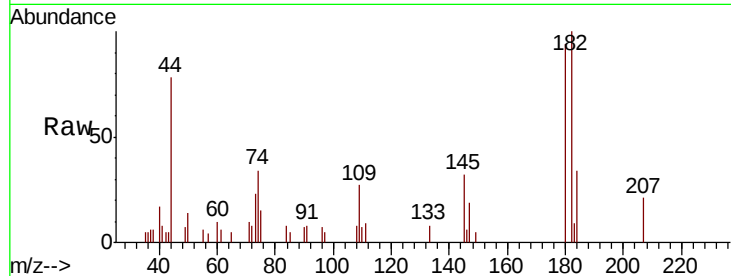




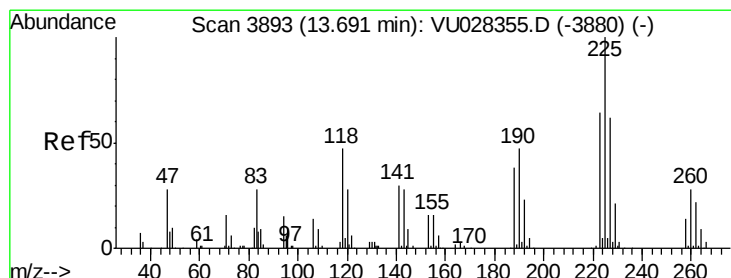
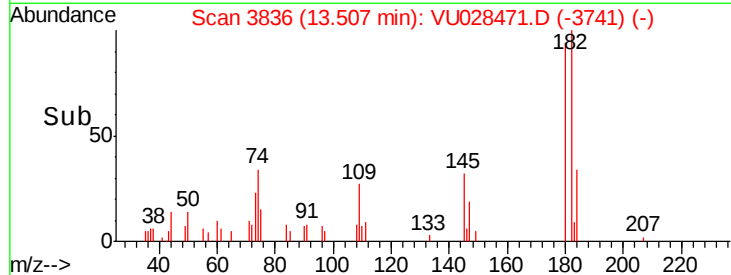
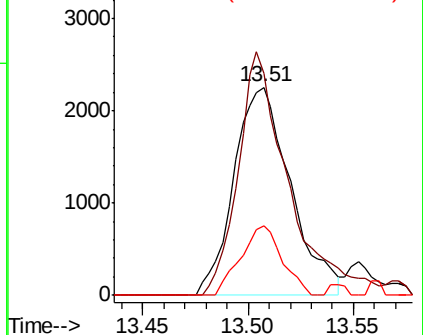
#93
 1,2,4-Trichlorobenzene
 Concen: 0.638 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Tot Ion:180 Resp: 4204
 Ion Ratio Lower Upper
 180 100
 182 103.6 48.3 144.9
 145 24.5 15.2 45.5

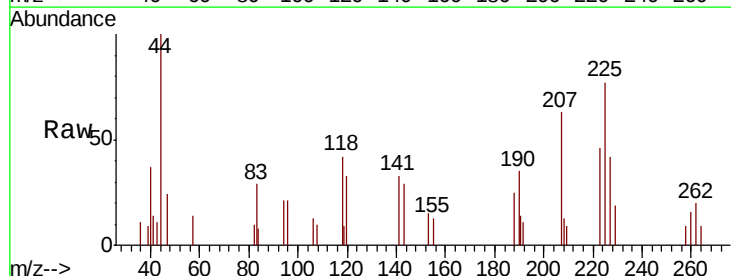


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

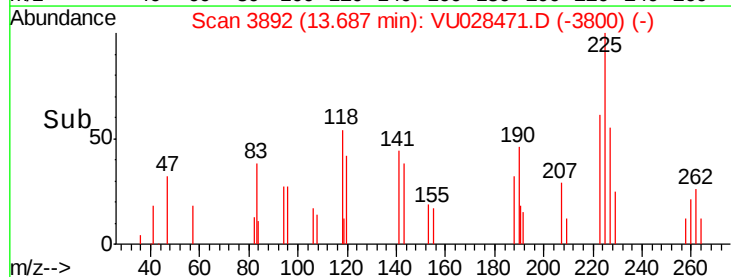
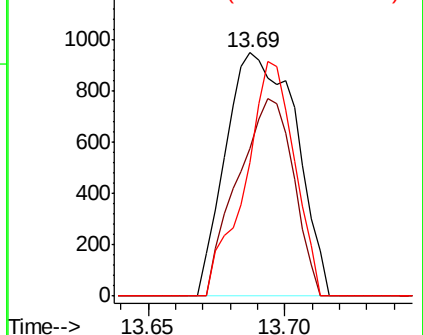


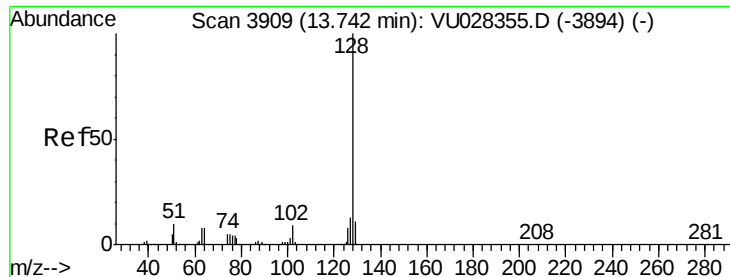
#94
 Hexachlorobutadiene
 Concen: 0.546 ug/l
 RT: 13.69 min Scan# 3892
 Delta R.T. -0.00 min
 Lab File: VU028471.D
 Acq: 05 Dec 2018 11:42

Tgt Ion:225 Resp: 1697
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.6 94.7
 227 67.3 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

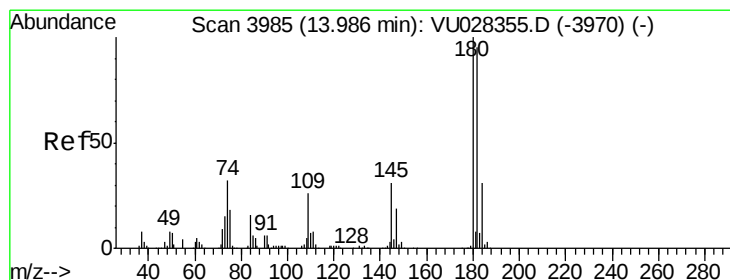
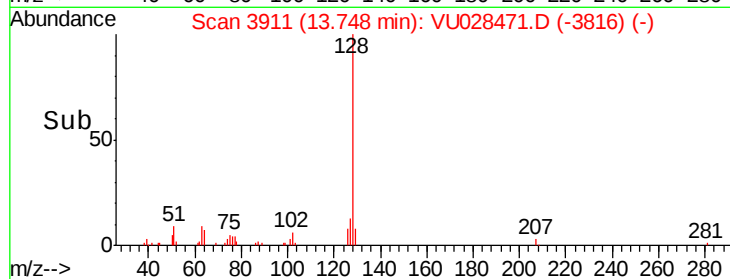
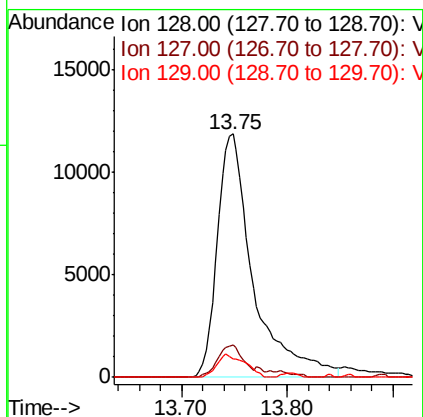
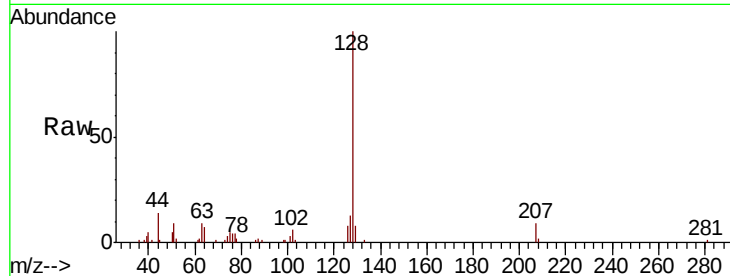




#95
Naphthalene
Concen: 3.880 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
TP-3

Tot Ion:128 Resp: 28127
Ion Ratio Lower Upper
128 100
127 9.2 10.6 15.8#
129 7.3 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.604 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU028471.D
Acq: 05 Dec 2018 11:42

Tgt Ion:180 Resp: 4022
Ion Ratio Lower Upper
180 100
182 113.1 47.7 143.1
145 34.4 15.7 47.1

