

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028442.D
 Acq On : 03 Dec 2018 15:32
 Operator : MD/SY
 Sample : J5775-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

Quant Time: Dec 04 06:56:11 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	299955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	565140	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	542038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	260725	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	250795	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	4.88	113	186175	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	7.57	98	751012	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.30	95	275390	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	

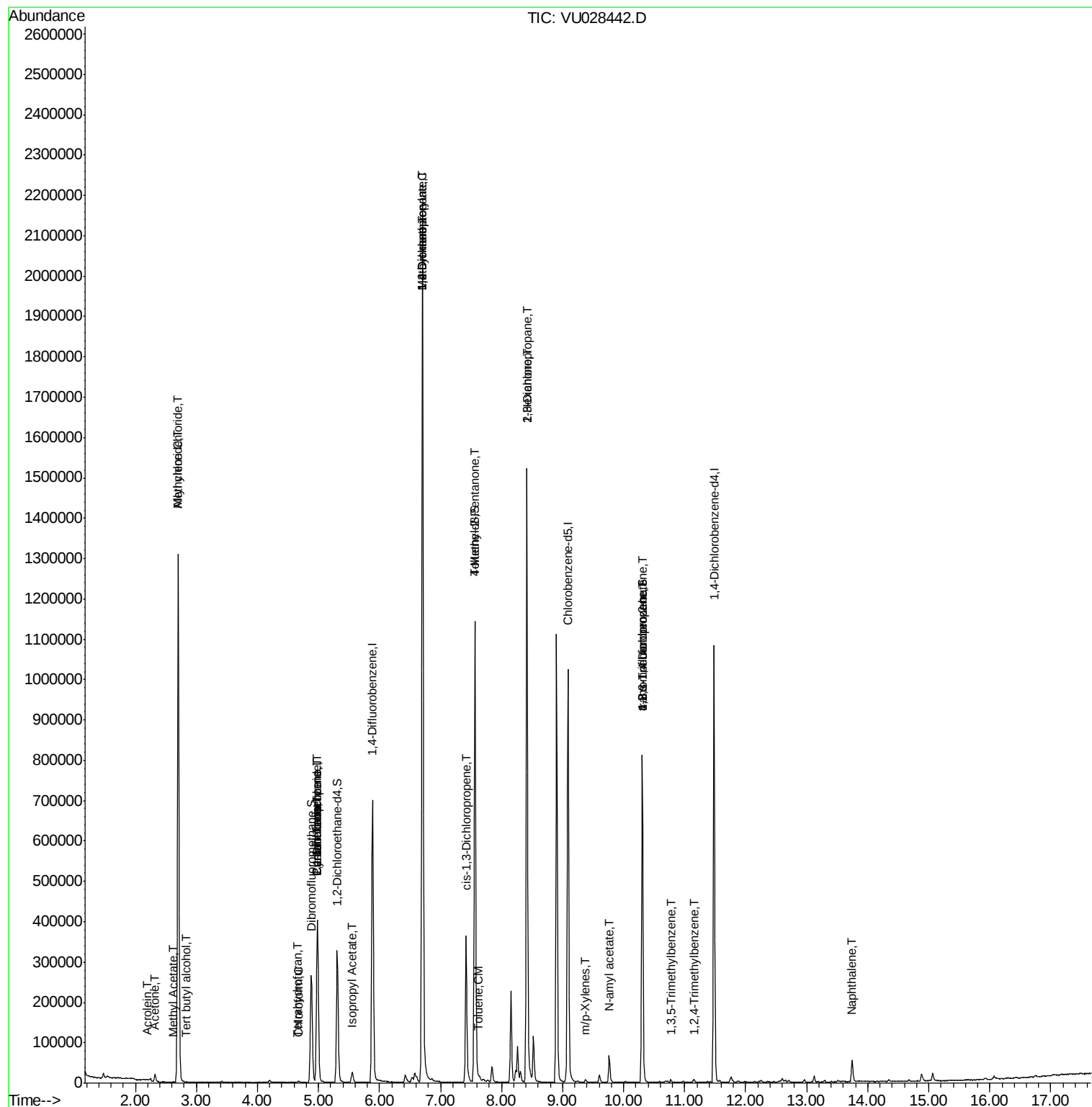
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	638	0.560	ug/l #	72
13) Acrolein	2.20	56	885	0.874	ug/l	85
14) Allyl chloride	2.70	41	23259	2.778	ug/l #	28
16) Acetone	2.32	43	21581	7.037	ug/l	98
18) Methyl Acetate	2.62	43	3049	0.357	ug/l	93
20) Methylene Chloride	2.70	84	526292	121.784	ug/l	94
29) Tetrahydrofuran	4.66	42	1302	0.456	ug/l #	47
30) Chloroform	4.68	83	1906	0.254	ug/l #	77
31) Cyclohexane	4.98	56	7845	0.559	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	25854	4.181	ug/l #	51
38) Carbon Tetrachloride	4.98	117	29243	5.758	ug/l #	15
43) Isopropyl Acetate	5.56	43	31359	2.348	ug/l	98
45) 1,2-Dichloropropane	6.71	63	2146	0.400	ug/l #	43
48) Methyl methacrylate	6.70	41	190140	27.332	ug/l #	48
49) 1,4-Dioxane	6.71	88	222	1.998	ug/l #	1
51) 4-Methyl-2-Pentanone	7.56	43	16343	1.916	ug/l	92
52) Toluene	7.63	92	2289	0.217	ug/l	94
54) cis-1,3-Dichloropropene	7.42	75	62317	7.938	ug/l #	58
57) 1,3-Dichloropropane	8.41	76	14446	1.795	ug/l #	43
59) 2-Hexanone	8.41	43	228471	34.580	ug/l #	54
68) m/p-Xylenes	9.38	106	1841	0.241	ug/l	87
74) N-amyl acetate	9.76	43	21991	1.731	ug/l #	56
76) 1,2,3-Trichloropropane	10.30	75	145749	20.159	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	4217	0.247	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.30	75	145749	53.511	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4133	0.239	ug/l	94
95) Naphthalene	13.75	128	46770	4.846	ug/l	98

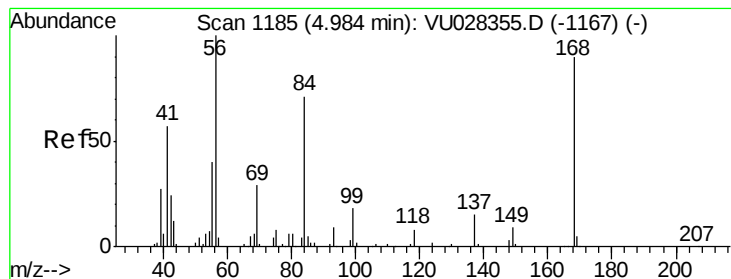
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
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Acq On : 03 Dec 2018 15:32
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Quant Time: Dec 04 06:56:11 2018
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: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

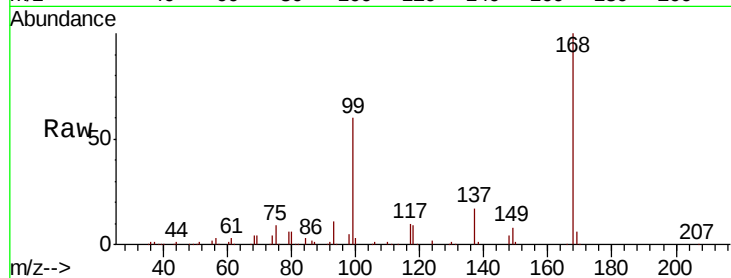
TR-04-113018

Tot Ion:168 Resp: 299955

Ion Ratio Lower Upper

168 100

99 59.9 49.6 74.4



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

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

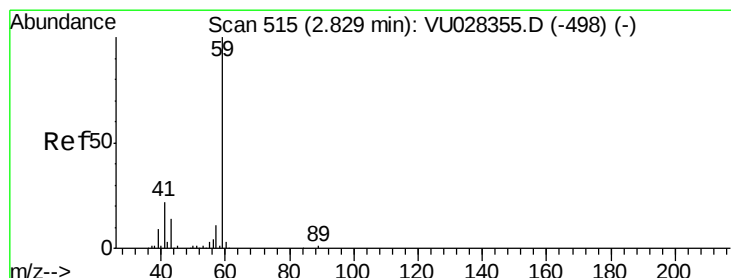
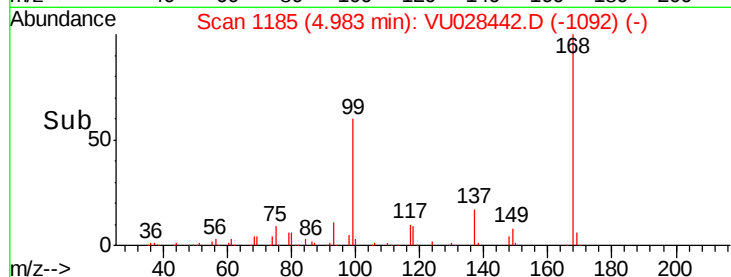
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.560 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028442.D

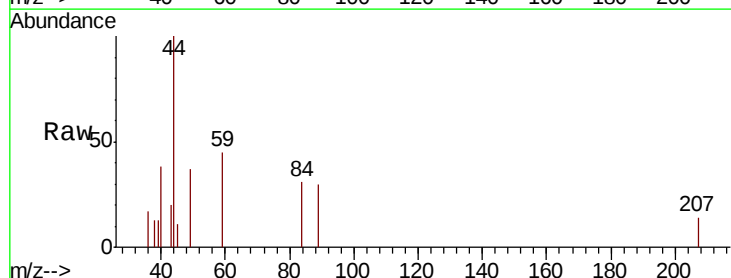
Acq: 03 Dec 2018 15:32

Tgt Ion: 59 Resp: 638

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



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

Ion 57.00 (56.70 to 57.70): VU028355.D

2.84

500

400

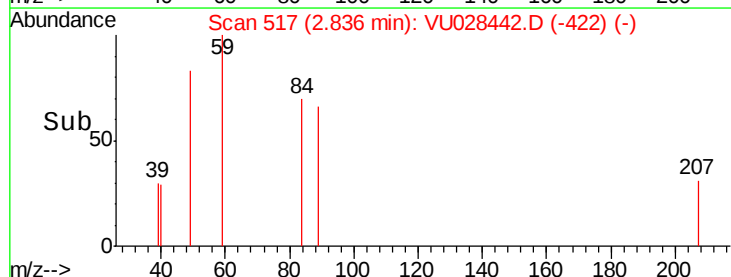
300

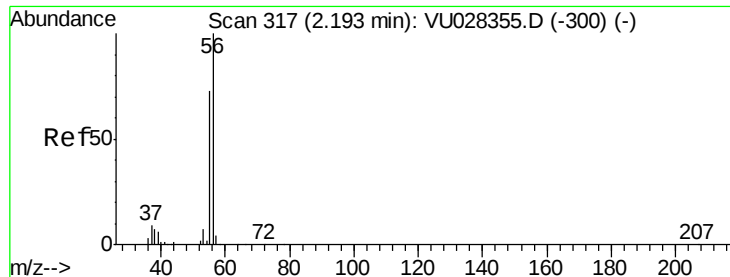
200

100

0

Time-->





#13

Acrolein

Concen: 0.874 ug/l

RT: 2.20 min Scan# 319

Delta R.T. 0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampled :

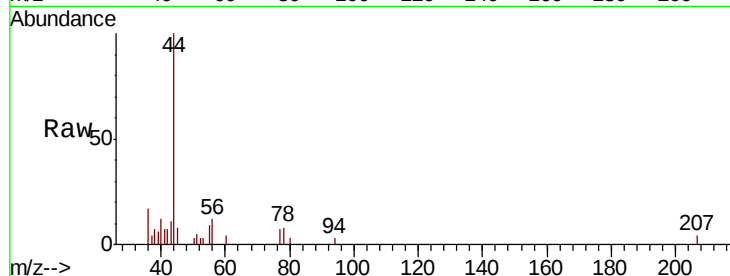
TR-04-113018

Tot Ion: 56 Resp: 885

Ion Ratio Lower Upper

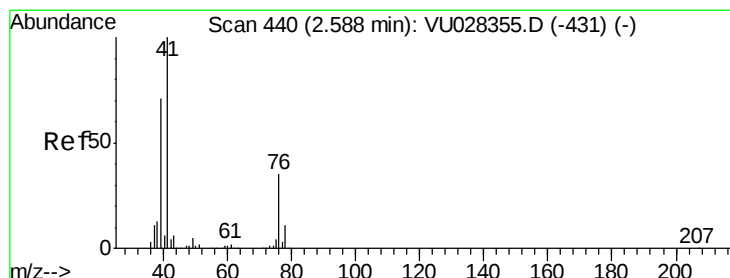
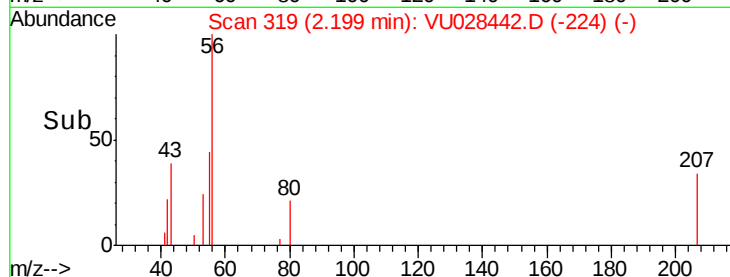
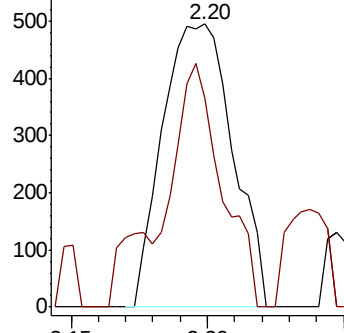
56 100

55 58.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 2.778 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

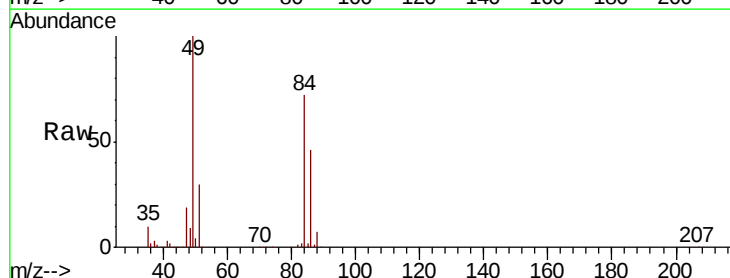
Tgt Ion: 41 Resp: 23259

Ion Ratio Lower Upper

41 100

39 1.4 51.6 77.4#

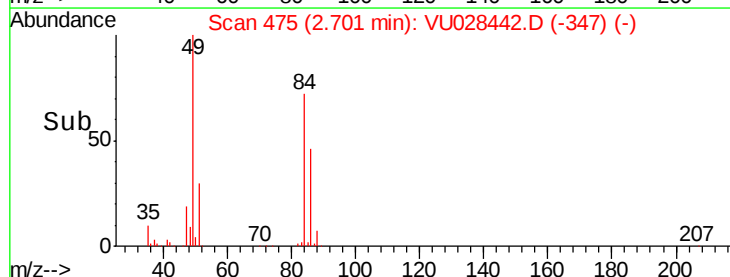
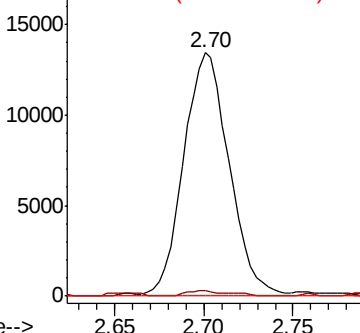
76 0.0 24.4 36.6#

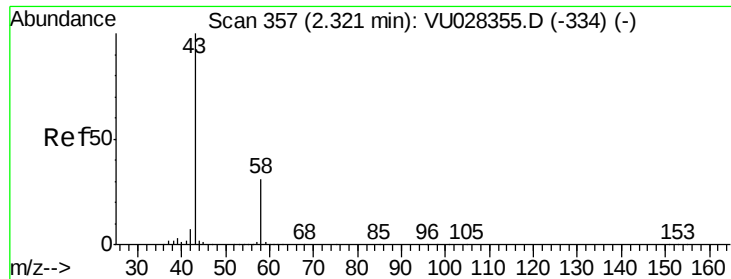


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#16

Acetone

Concen: 7.037 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

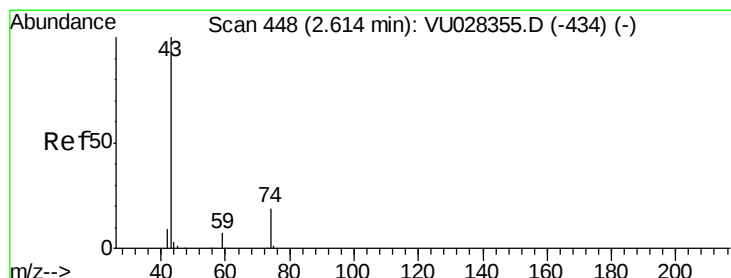
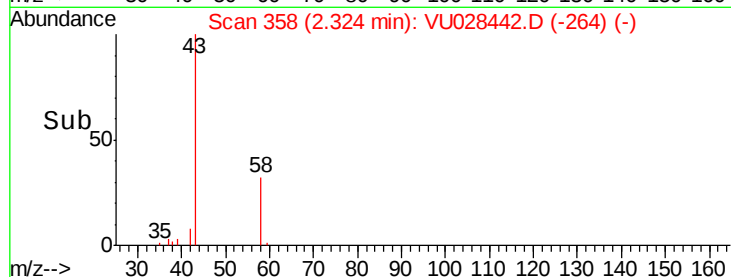
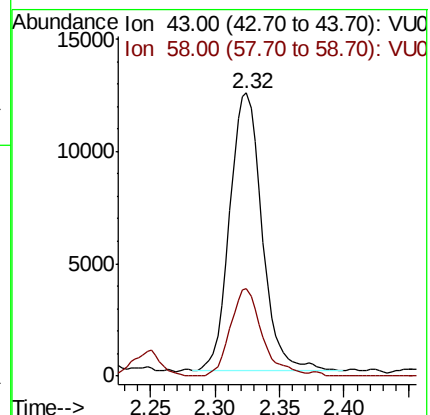
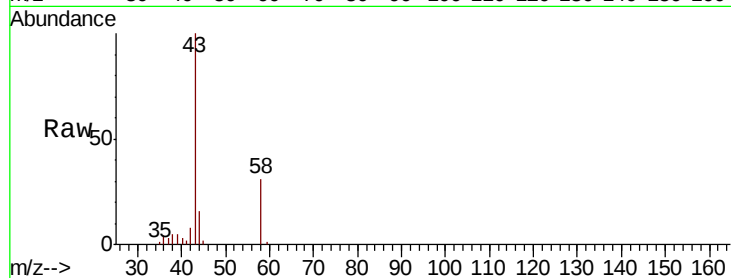
TR-04-113018

Tot Ion: 43 Resp: 21581

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6



#18

Methyl Acetate

Concen: 0.357 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028442.D

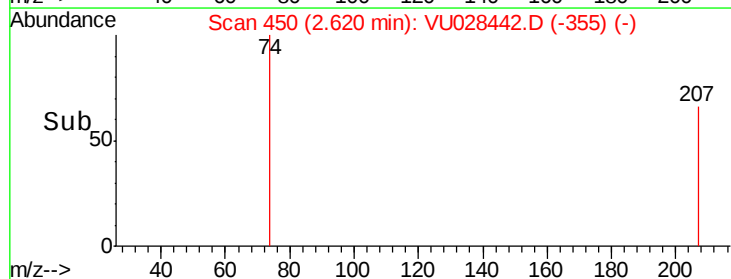
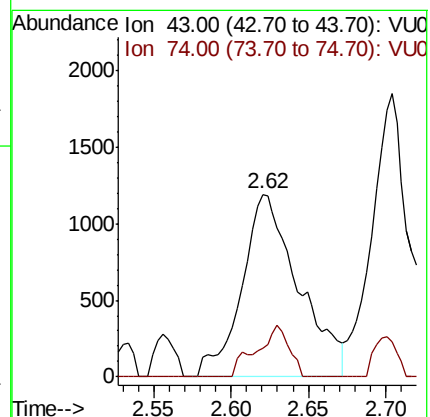
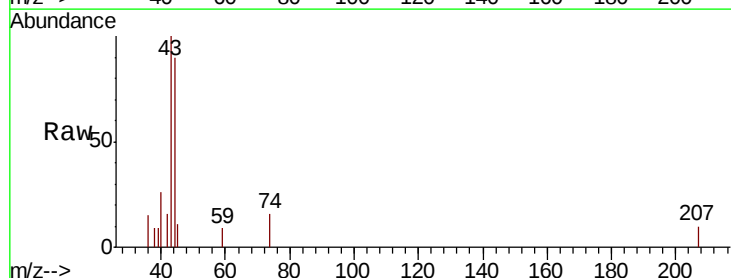
Acq: 03 Dec 2018 15:32

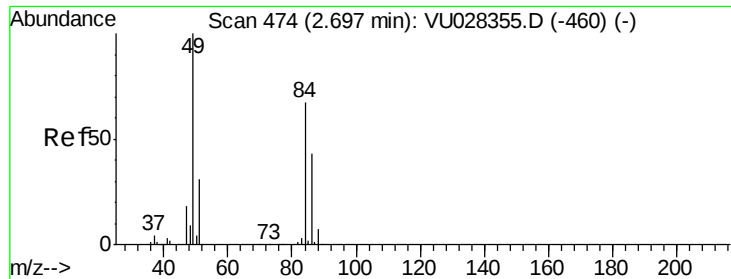
Tgt Ion: 43 Resp: 3049

Ion Ratio Lower Upper

43 100

74 15.9 15.3 22.9





#20

Methylene Chloride

Concen: 121.784 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

Tot Ion: 84 Resp: 526292

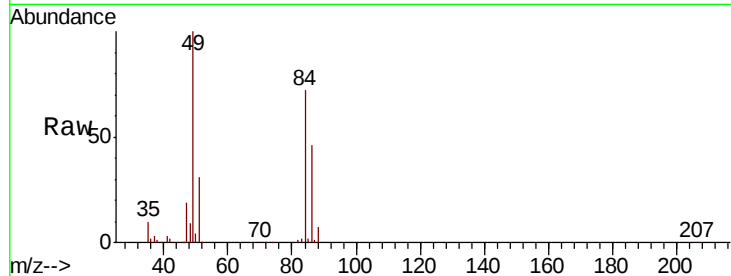
Ion Ratio Lower Upper

84 100

49 138.5 120.0 180.0

51 42.4 36.9 55.3

86 64.3 51.1 76.7

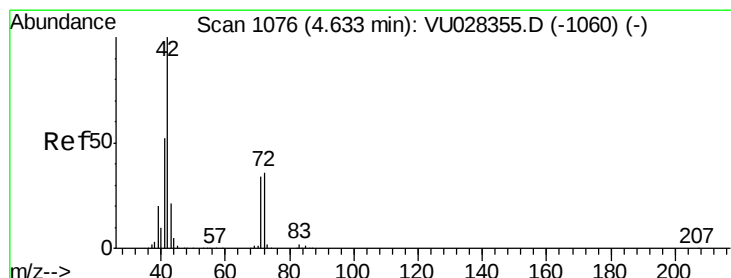
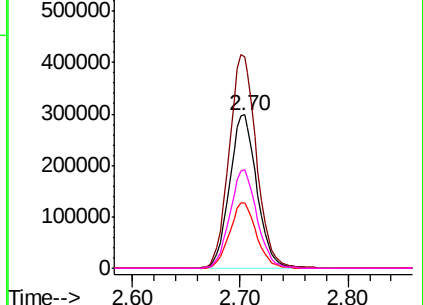
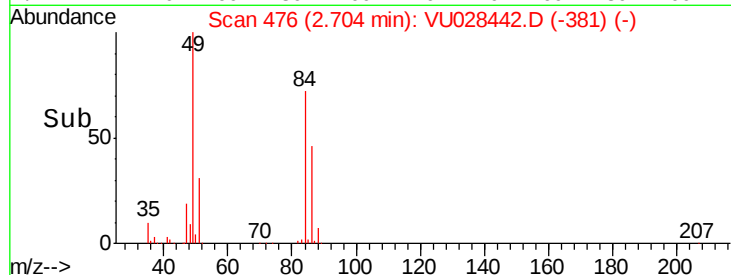


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#29

Tetrahydrofuran

Concen: 0.456 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

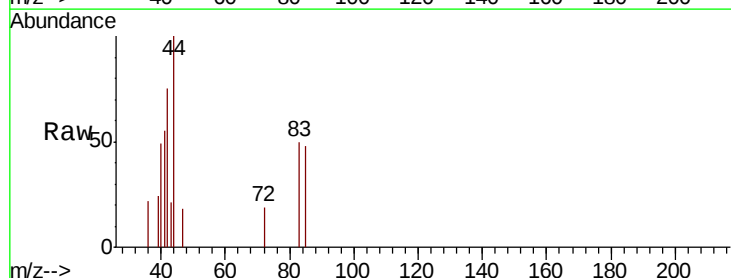
Tgt Ion: 42 Resp: 1302

Ion Ratio Lower Upper

42 100

72 0.0 29.5 44.3#

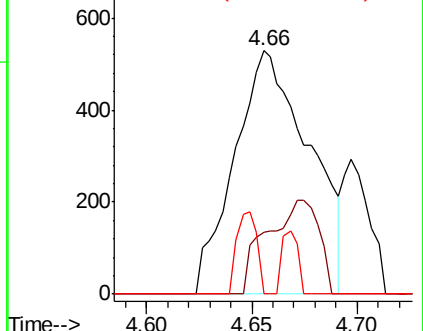
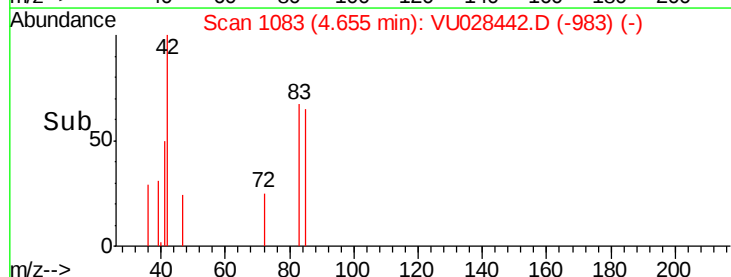
71 9.0 27.7 41.5#

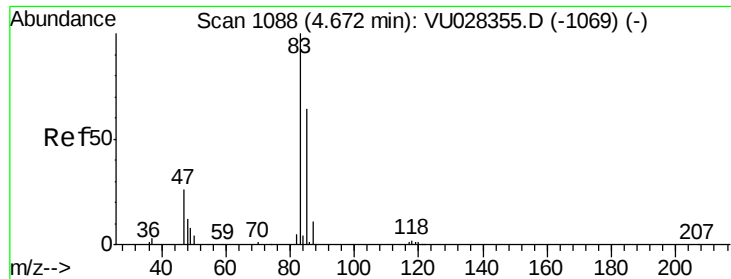


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0





#30

Chloroform

Concen: 0.254 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

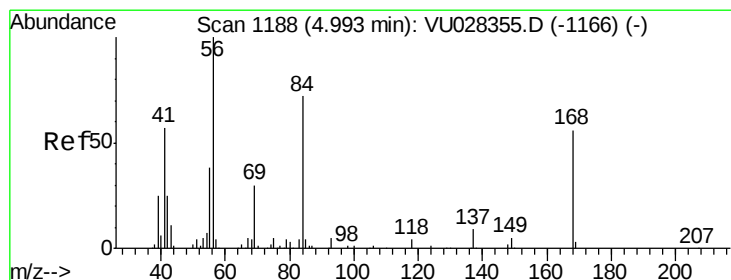
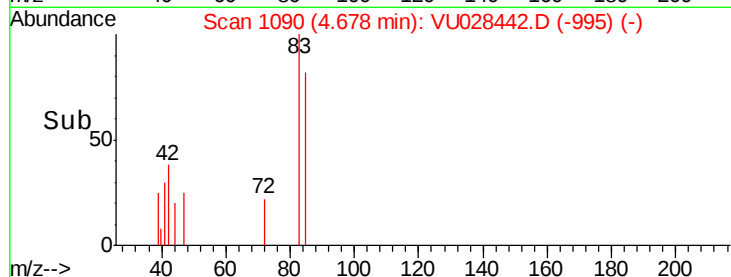
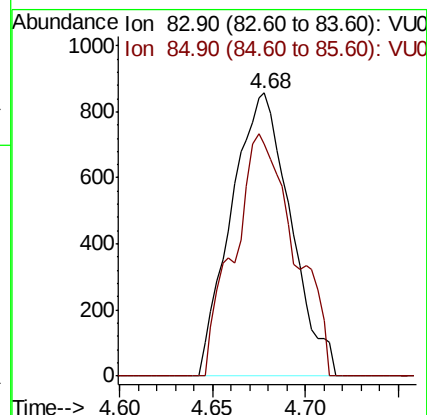
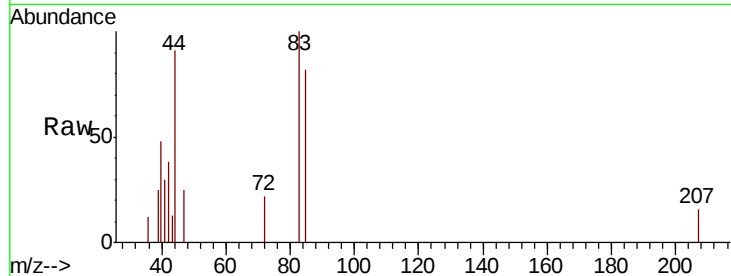
TR-04-113018

Tot Ion: 83 Resp: 1906

Ion Ratio Lower Upper

83 100

85 82.0 51.2 76.8#



#31

Cyclohexane

Concen: 0.559 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

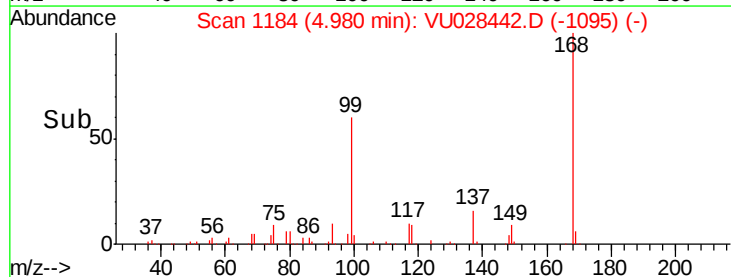
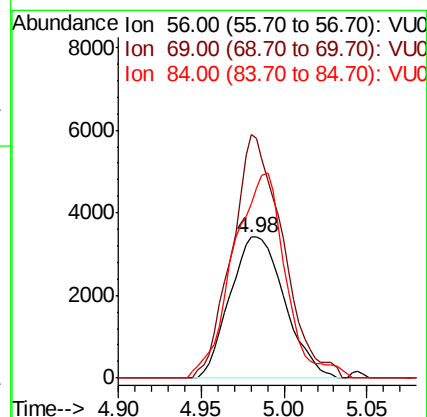
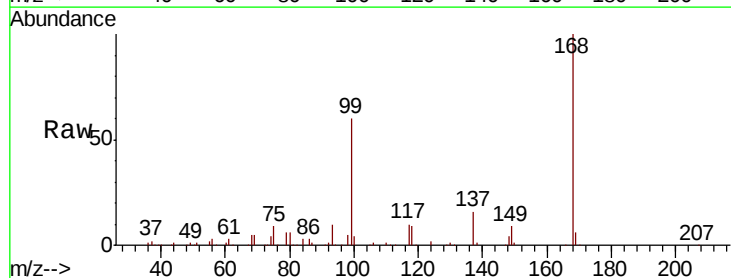
Tgt Ion: 56 Resp: 7845

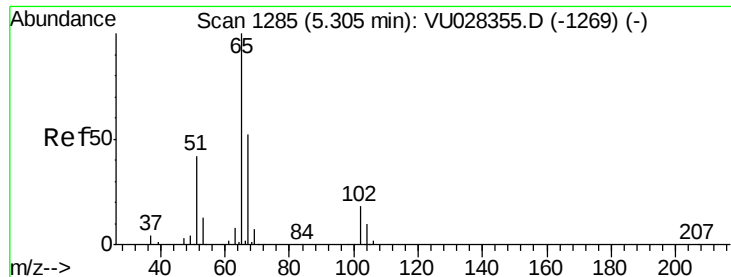
Ion Ratio Lower Upper

56 100

69 172.9 23.7 35.5#

84 118.8 57.3 85.9#

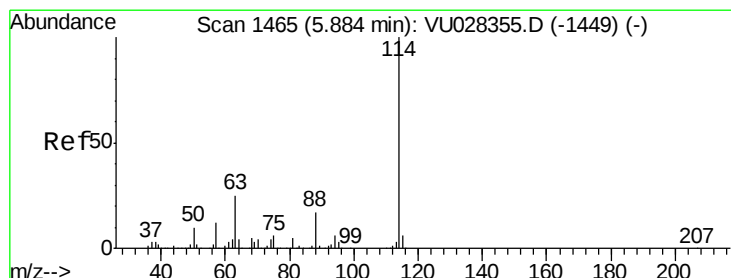
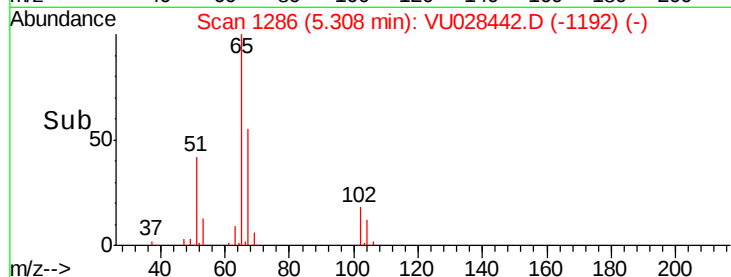
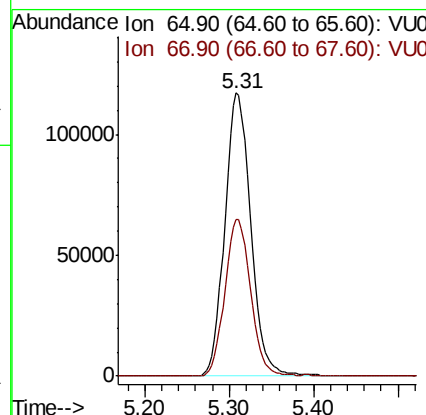
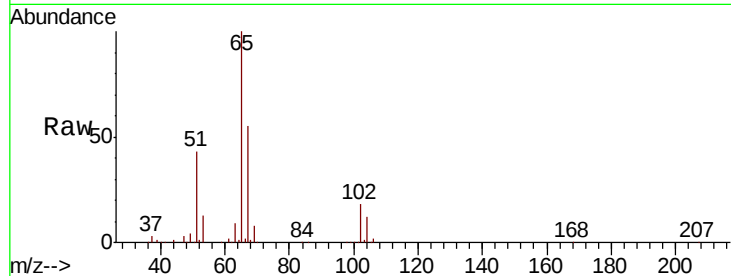




#33
 1,2-Dichloroethane-d4
 Concen: 50.029 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

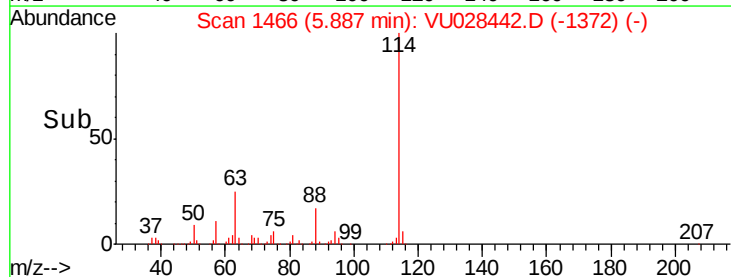
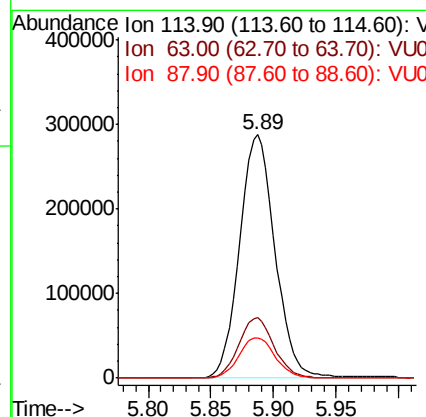
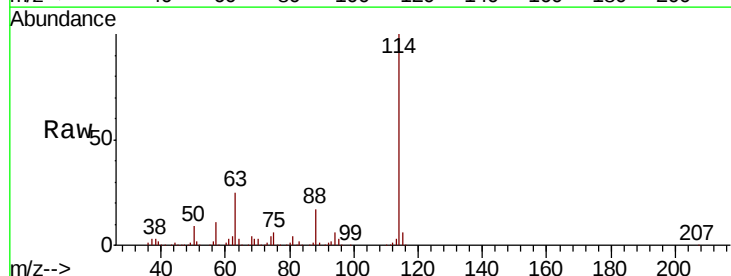
Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

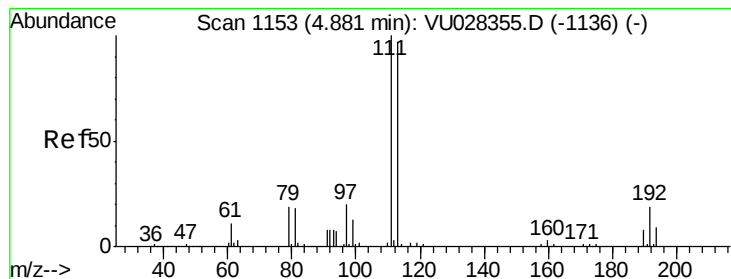
Tot Ion: 65 Resp: 250795
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Tgt Ion: 114 Resp: 565140
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.0
 88 16.5 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.542 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

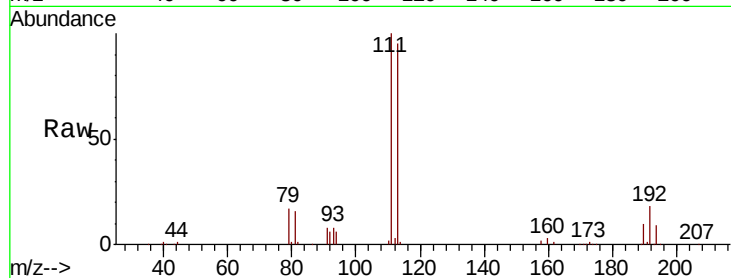
Tot Ion:113 Resp: 186175

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

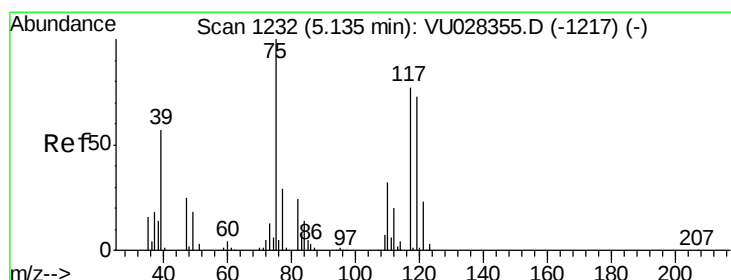
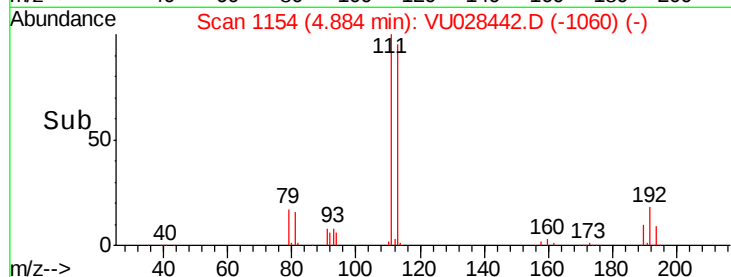
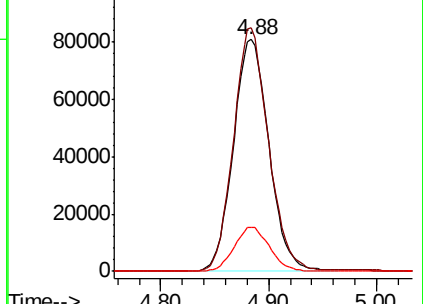
192 18.9 15.4 23.0



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: 4.181 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

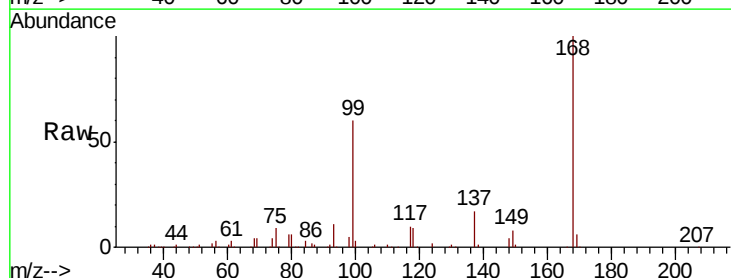
Tgt Ion: 75 Resp: 25854

Ion Ratio Lower Upper

75 100

110 8.8 15.8 47.4#

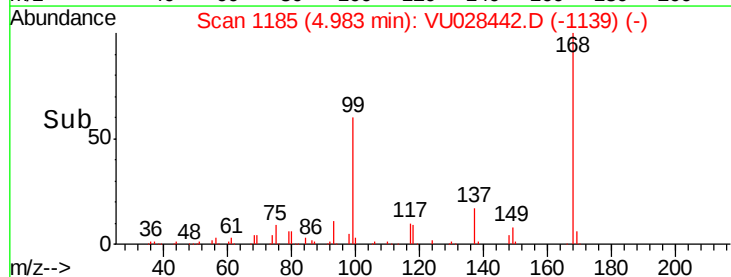
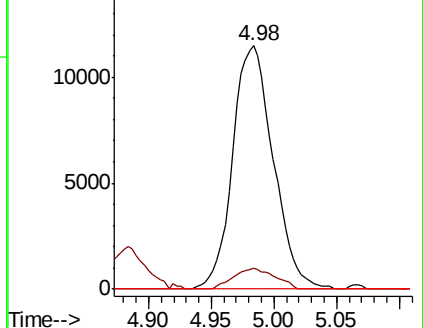
77 0.0 24.6 36.8#

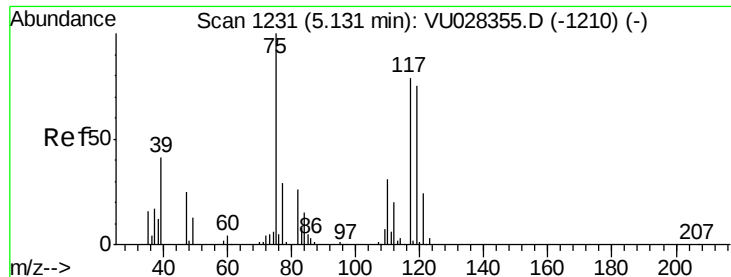


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 5.758 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

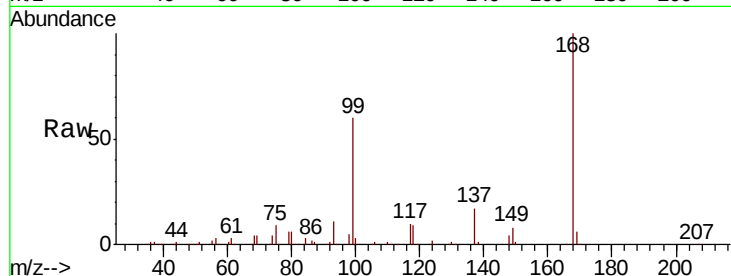
Tot Ion:117 Resp: 29243

Ion Ratio Lower Upper

117 100

119 3.1 76.3 114.5#

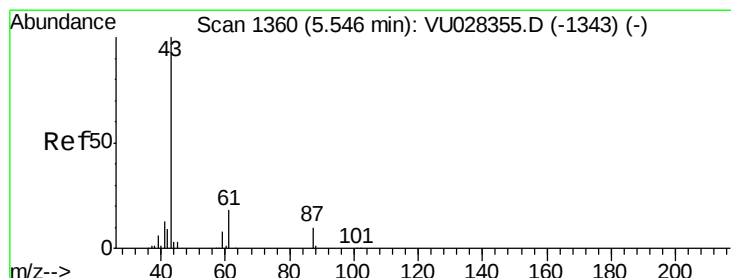
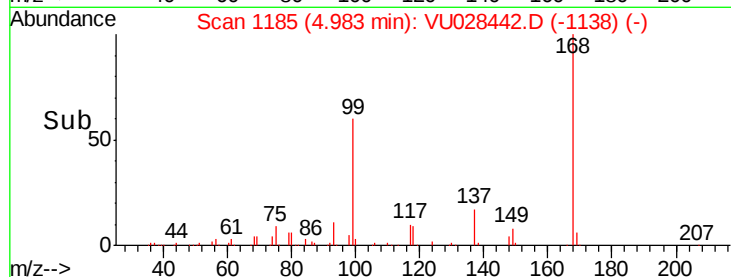
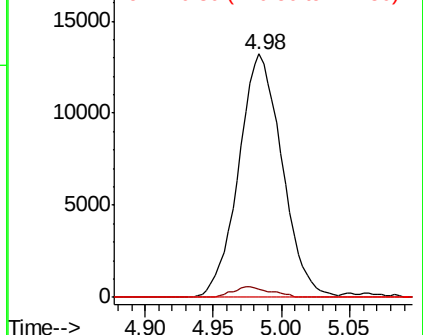
121 0.0 24.7 37.1#



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: 2.348 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

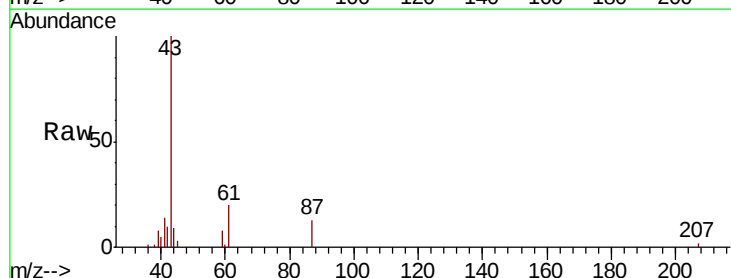
Tgt Ion: 43 Resp: 31359

Ion Ratio Lower Upper

43 100

61 18.9 14.5 21.7

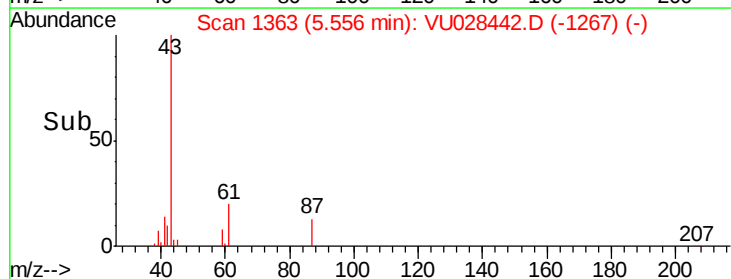
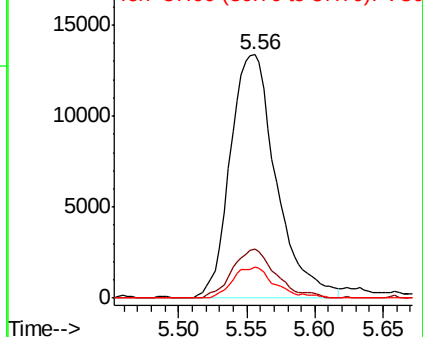
87 11.7 8.4 12.6

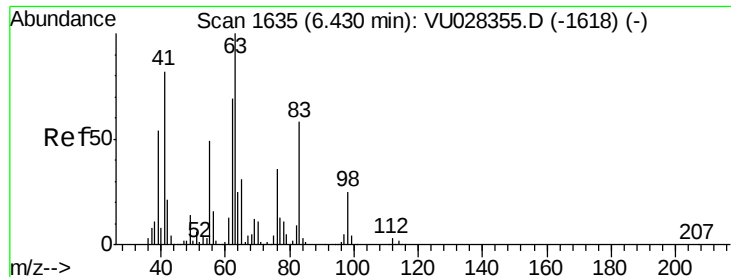


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 6.71 min Scan# 1721

Delta R.T. 0.28 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

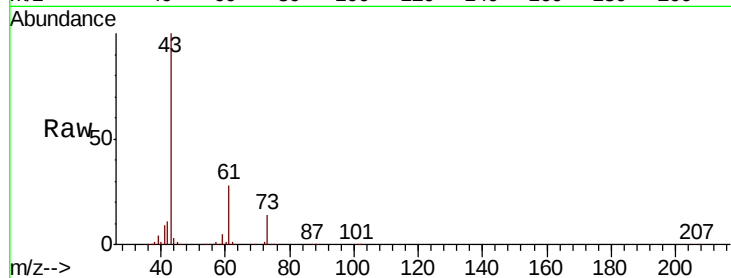
TR-04-113018

Tot Ion: 63 Resp: 2146

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

6.71

1500

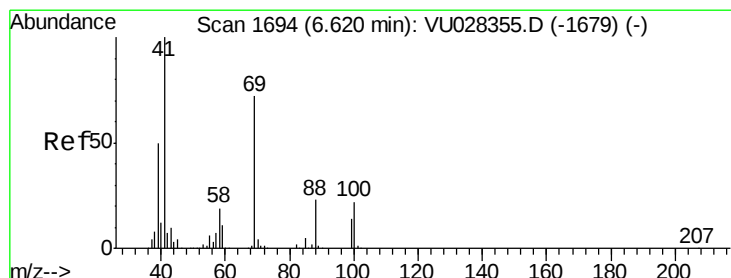
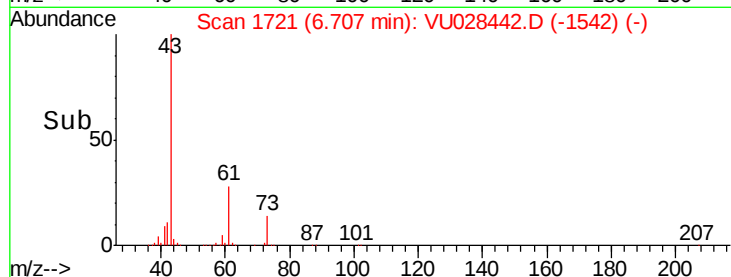
1000

500

0

6.66 6.68 6.70 6.72

Time-->



#48

Methyl methacrylate

Concen: 27.332 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

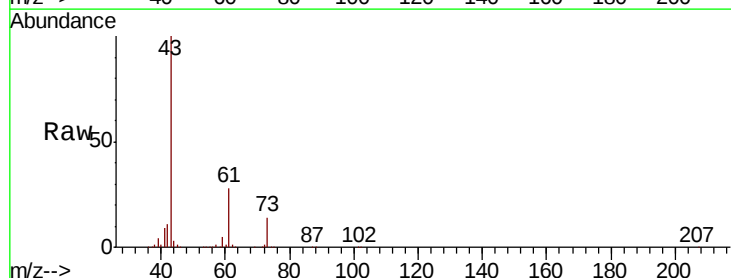
Tgt Ion: 41 Resp: 190140

Ion Ratio Lower Upper

41 100

69 0.1 59.0 88.4#

39 49.3 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

6.70

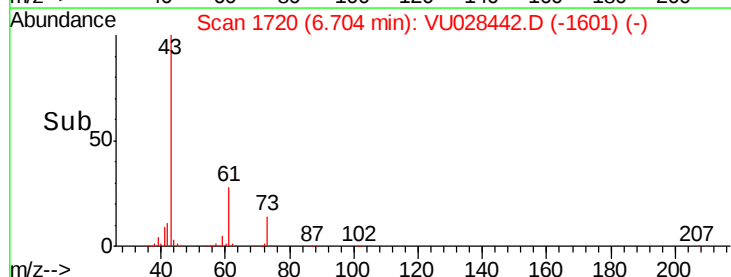
100000

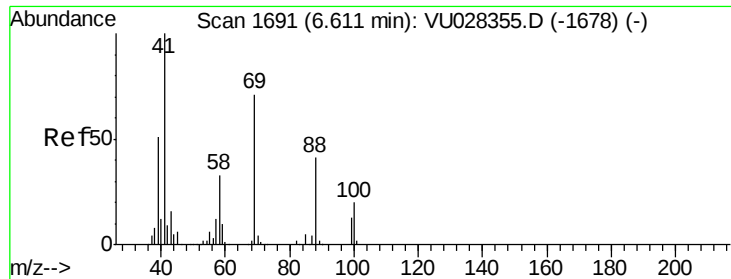
50000

0

6.60 6.65 6.70 6.75 6.80

Time-->





#49

1,4-Dioxane

Concen: 1.998 ug/l

RT: 6.71 min Scan# 1721

Delta R.T. 0.10 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

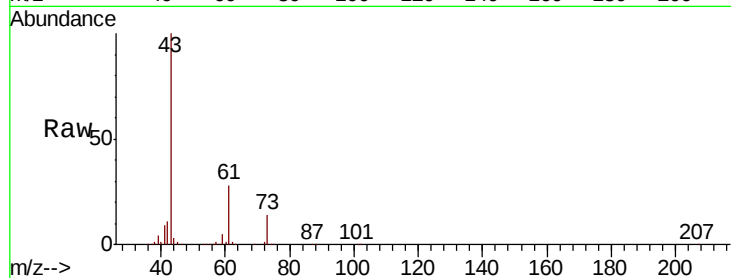
Tot Ion: 88 Resp: 222

Ion Ratio Lower Upper

88 100

43 975334.7 32.6 48.8#

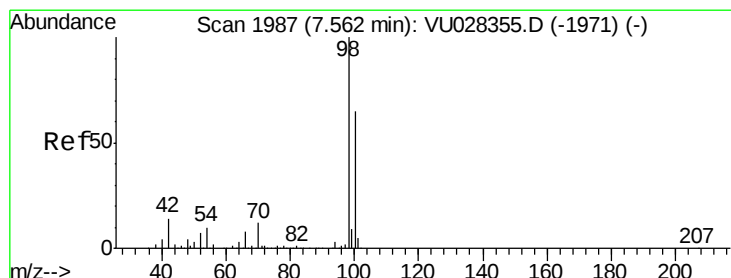
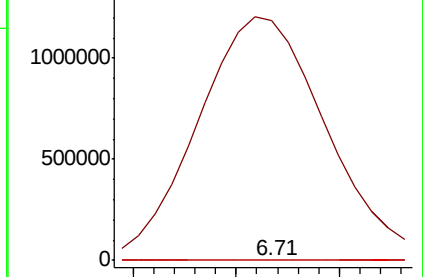
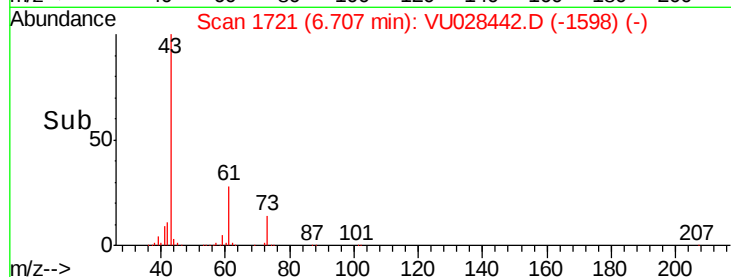
58 3679.3 68.7 103.1#



Abundance Ion 88.00 (87.70 to 88.70): VU028442.D (-1598) (-)

Ion 43.00 (42.70 to 43.70): VU028442.D (-1598) (-)

Ion 58.00 (57.70 to 58.70): VU028442.D (-1598) (-)



#50

Toluene-d8

Concen: 49.970 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028442.D

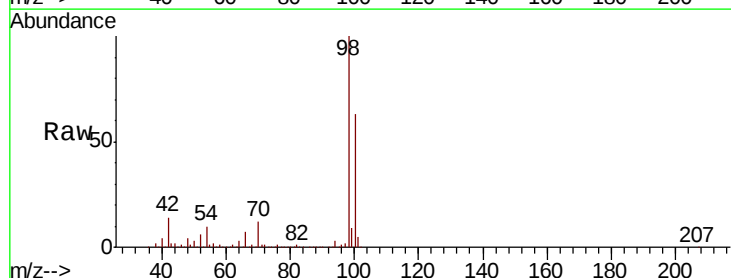
Acq: 03 Dec 2018 15:32

Tgt Ion: 98 Resp: 751012

Ion Ratio Lower Upper

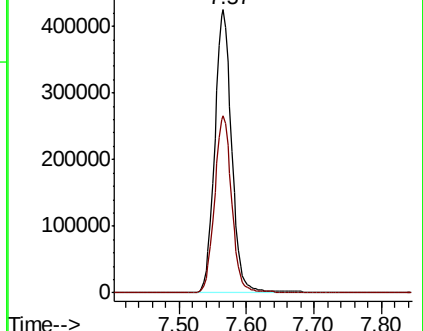
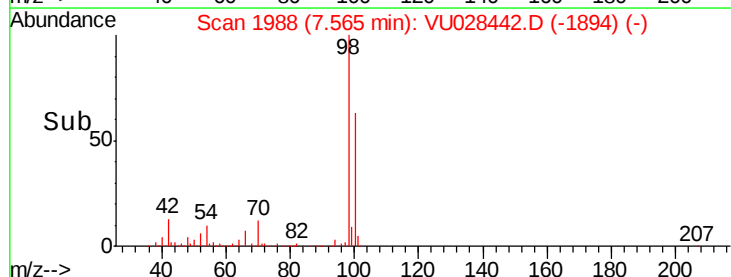
98 100

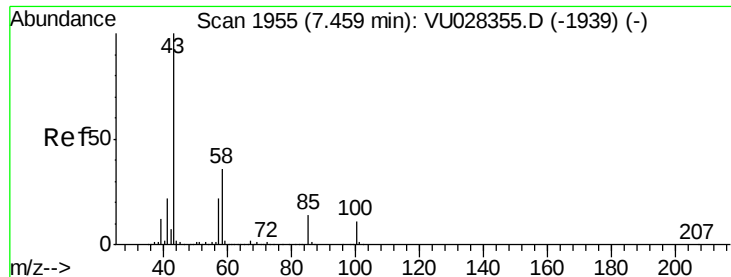
100 62.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028442.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU028442.D (-1894) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.916 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

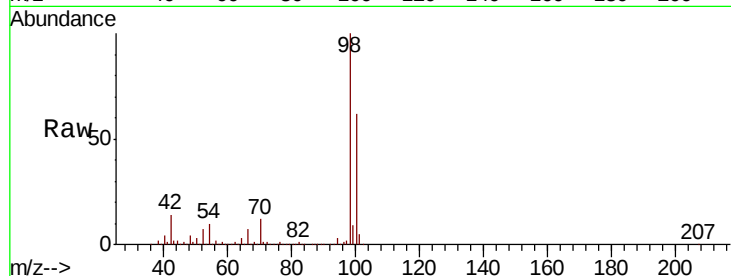
TR-04-113018

Tot Ion: 43 Resp: 16343

Ion Ratio Lower Upper

43 100

58 40.5 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) (-)

7.56

8000

6000

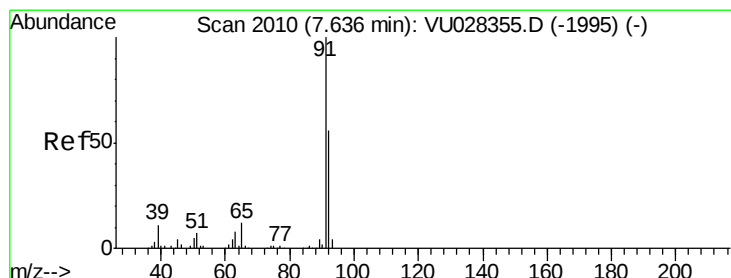
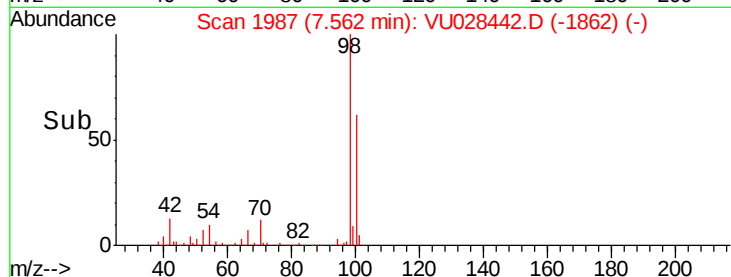
4000

2000

0

7.50 7.55 7.60 7.65

Time-->



#52

Toluene

Concen: 0.217 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU028442.D

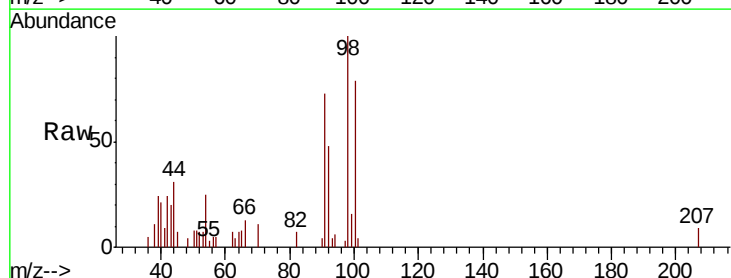
Acq: 03 Dec 2018 15:32

Tgt Ion: 92 Resp: 2289

Ion Ratio Lower Upper

92 100

91 185.0 141.8 212.6



Abundance Ion 92.00 (91.70 to 92.70): VU028355.D (-1995) (-)

Ion 91.00 (90.70 to 91.70): VU028355.D (-1995) (-)

7.63

2500

2000

1500

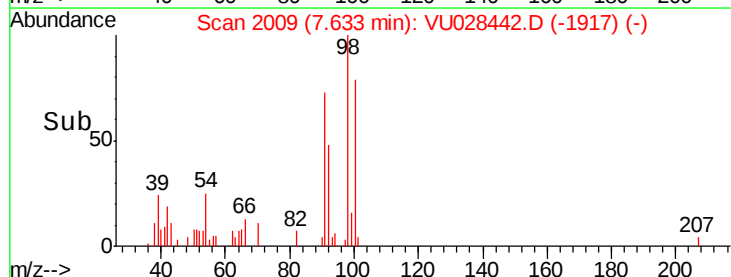
1000

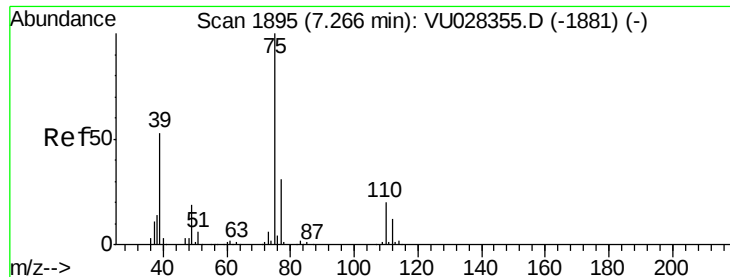
500

0

7.60 7.65

Time-->



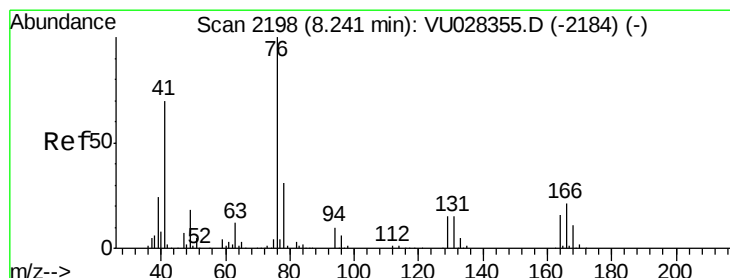
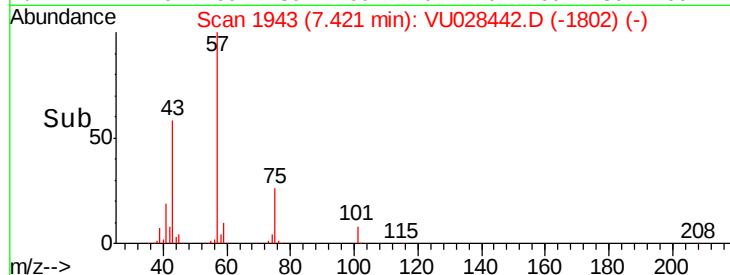
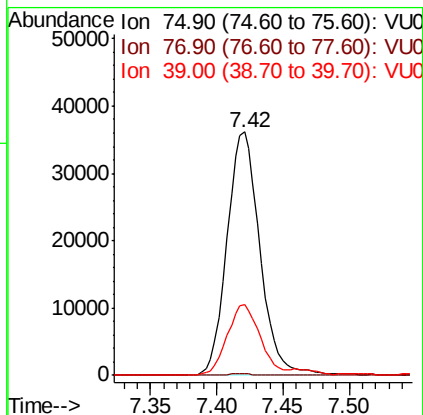
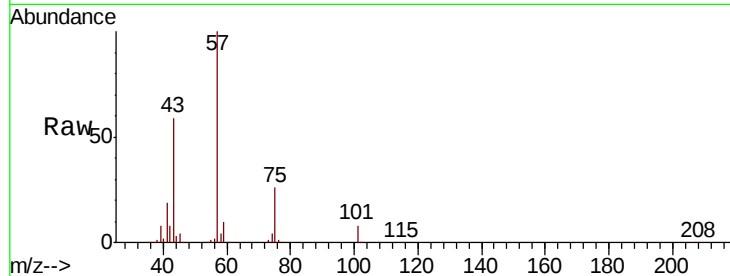


#54

cis-1,3-Dichloropropene
 Concen: 7.938 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

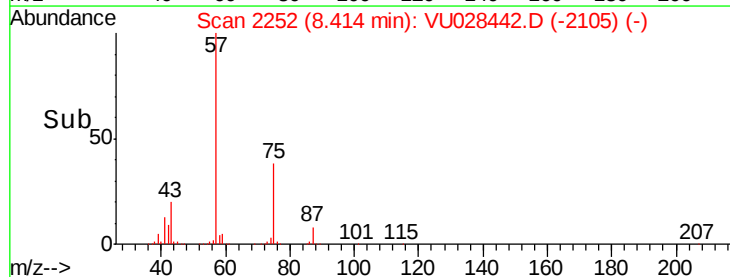
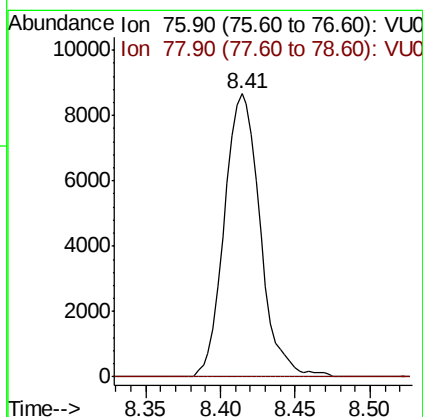
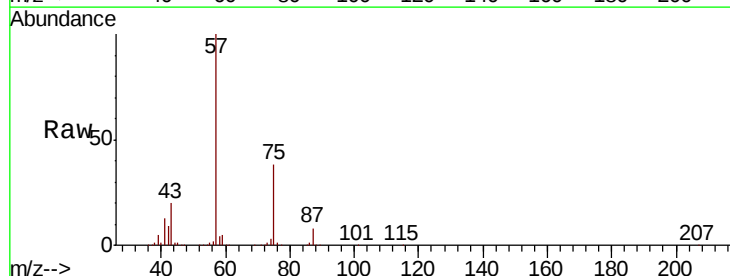
Tot Ion: 75 Resp: 62317
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 29.0 42.6 64.0#

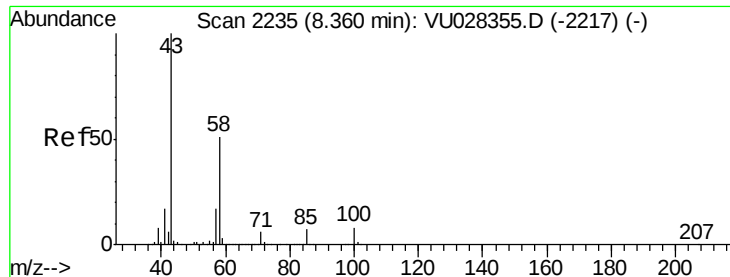


#57

1,3-Dichloropropane
 Concen: 1.795 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Tgt Ion: 76 Resp: 14446
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#

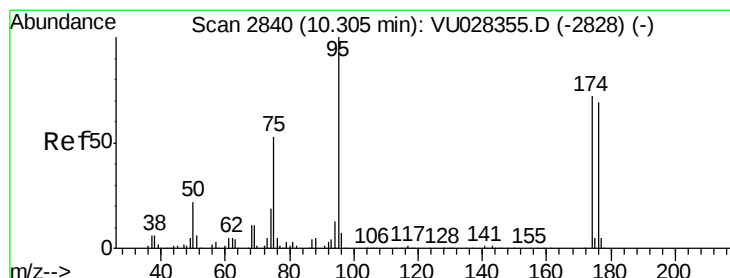
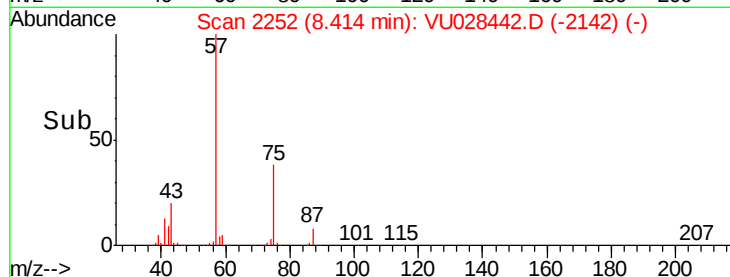
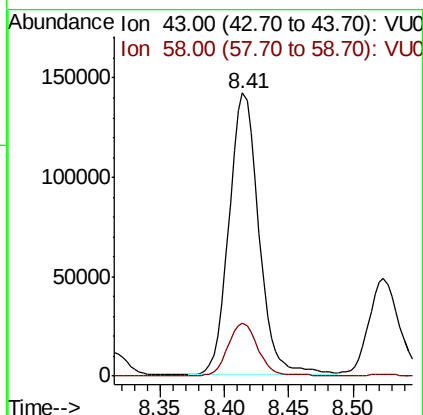
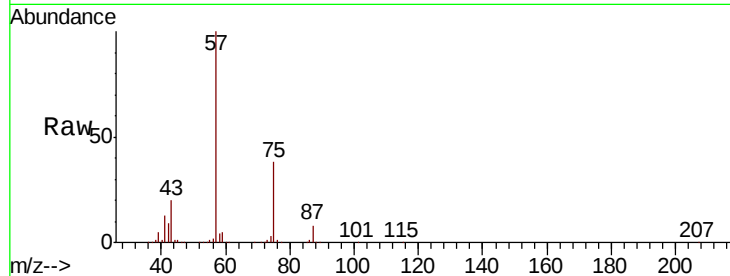




#59
2-Hexanone
Concen: 34.580 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

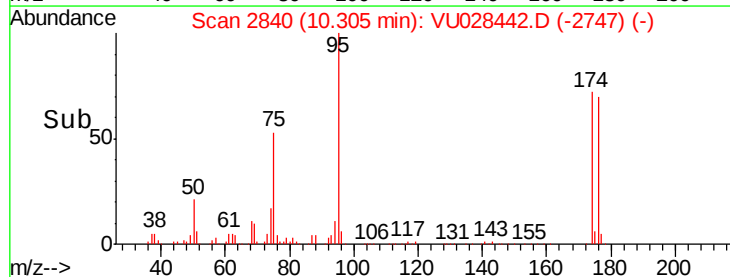
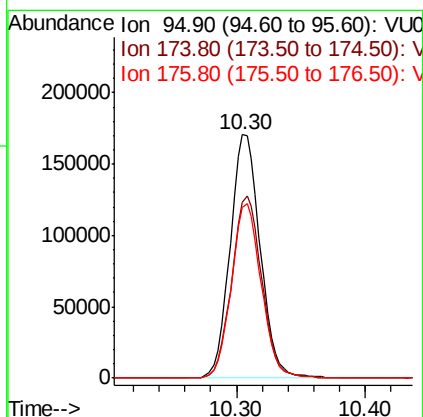
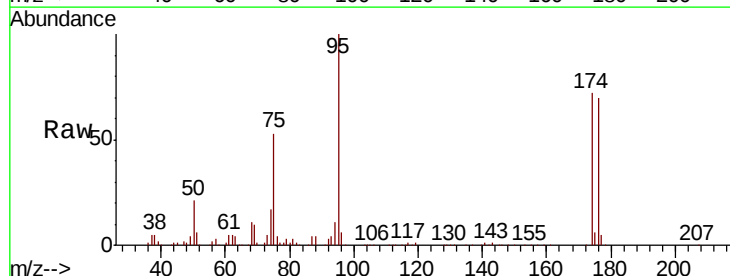
Instrument :
MSVOA_U
ClientSampleId :
TR-04-113018

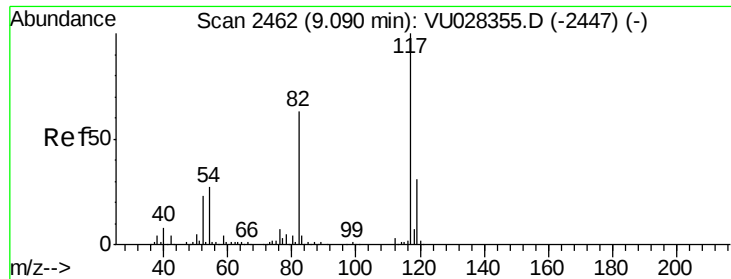
Tot Ion: 43 Resp: 228471
Ion Ratio Lower Upper
43 100
58 19.2 25.5 76.5#



#62
4-Bromofluorobenzene
Concen: 50.839 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Tgt Ion: 95 Resp: 275390
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.4
176 71.5 0.0 140.8

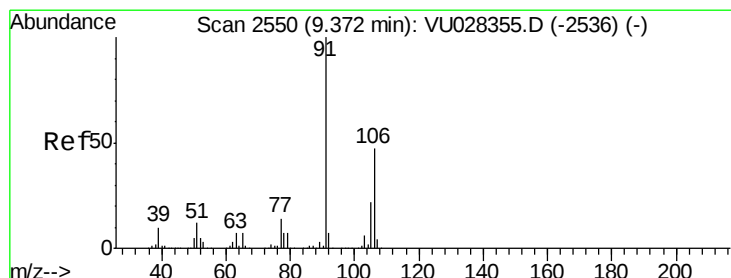
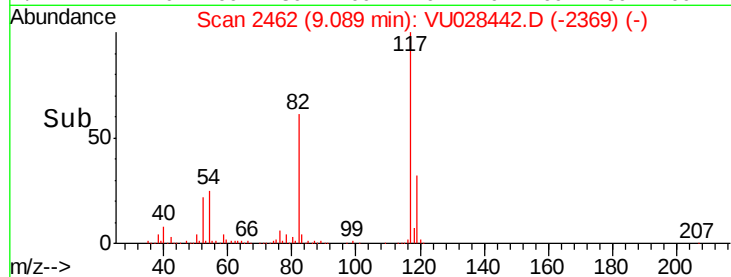
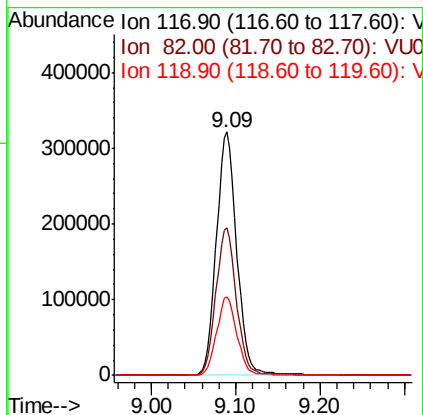
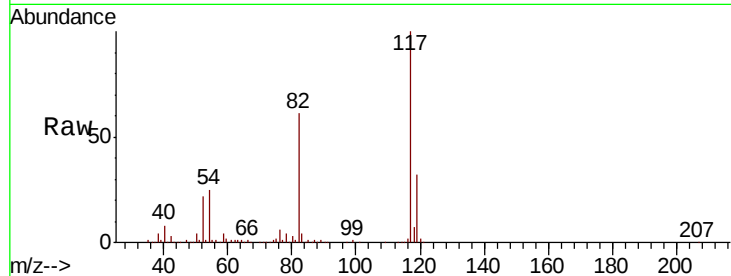




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

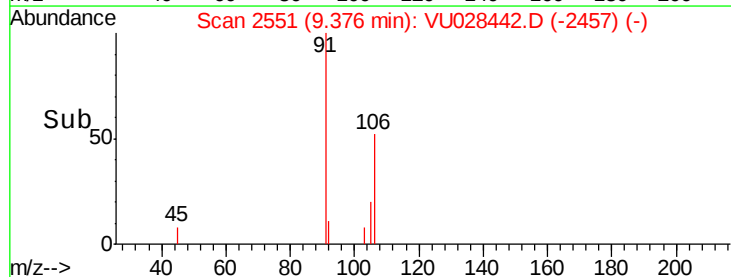
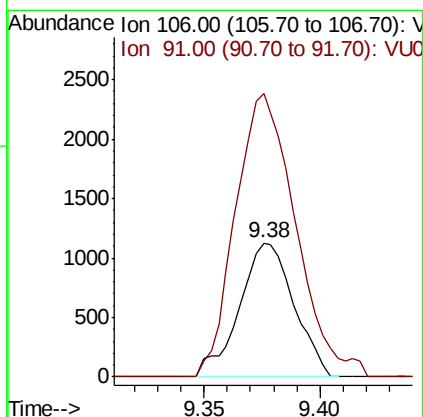
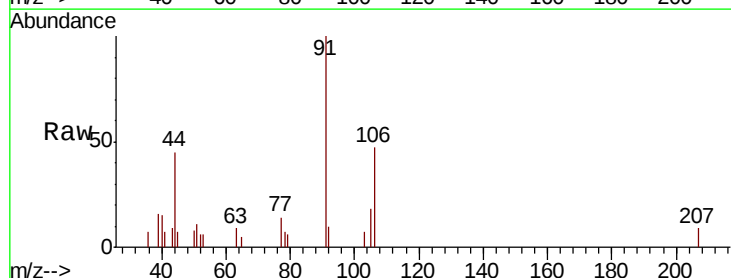
Instrument :
MSVOA_U
ClientSampleId :
TR-04-113018

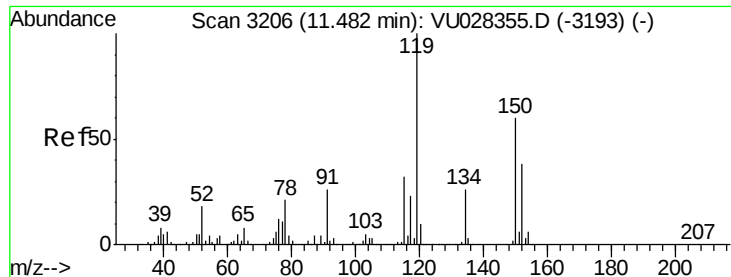
Tot Ion:117 Resp: 542038
Ion Ratio Lower Upper
117 100
82 60.7 50.3 75.5
119 32.4 24.8 37.2



#68
m/p-Xylenes
Concen: 0.241 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Tgt Ion:106 Resp: 1841
Ion Ratio Lower Upper
106 100
91 234.1 171.0 256.6



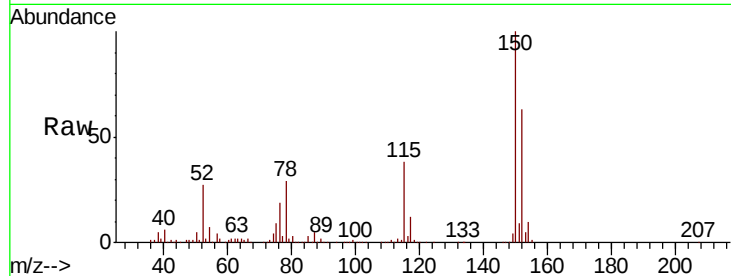


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Instrument :
MSVOA_U
ClientSampleId :
TR-04-113018

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	45.0	134.8
150	155.6	0.0	349.2

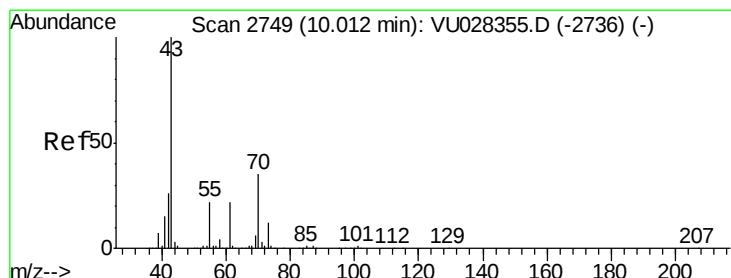
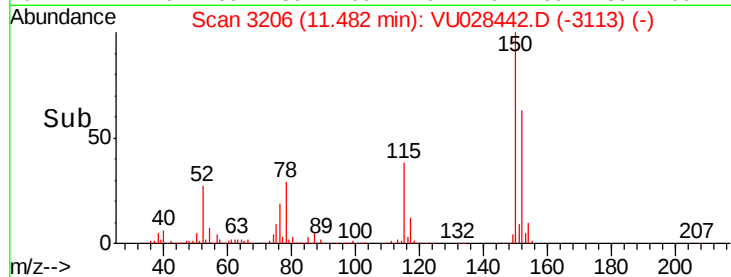
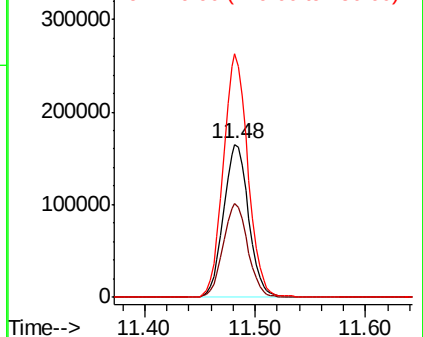


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

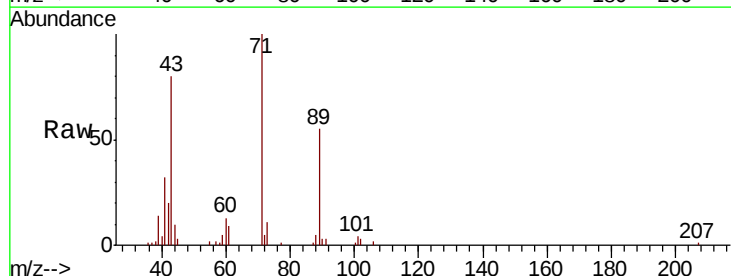
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 1.731 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.5	28.4	42.6#
55	2.9	18.0	27.0#
61	11.0	17.6	26.4#



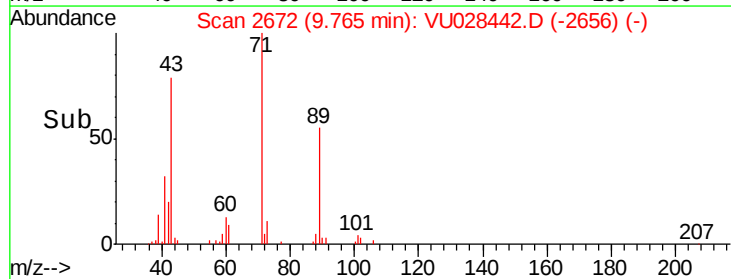
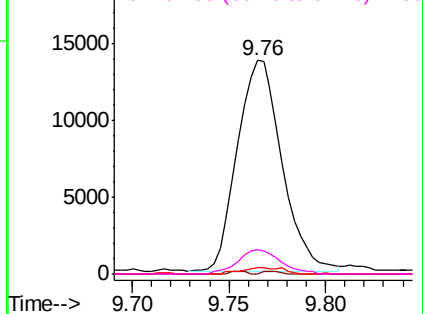
Abundance

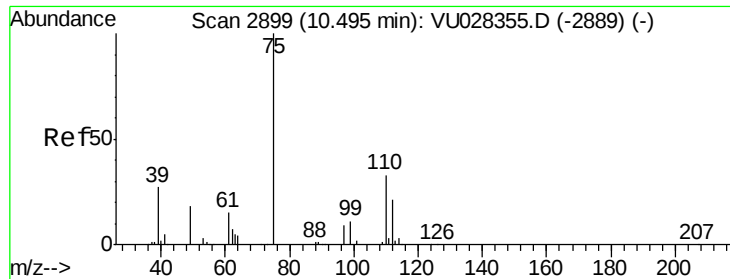
Ion 43.00 (42.70 to 43.70): VU0

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

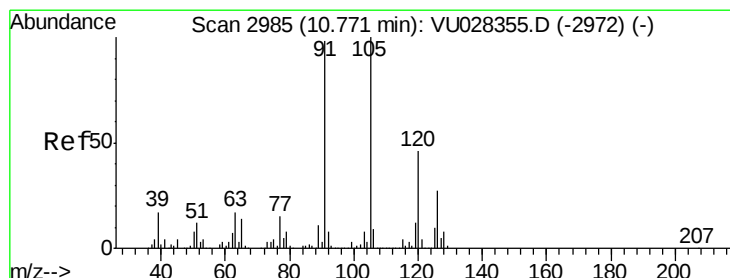
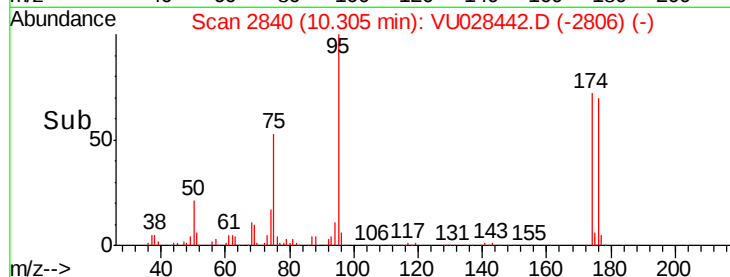
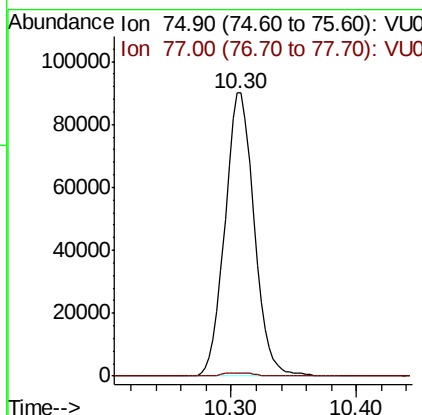
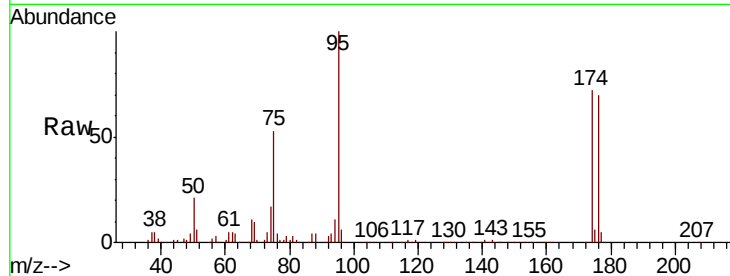




#76
 1,2,3-Trichloropropane
 Concen: 20.159 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

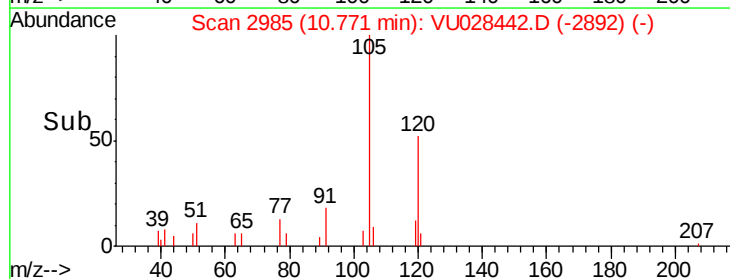
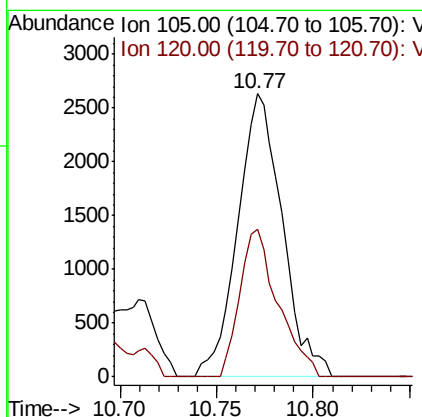
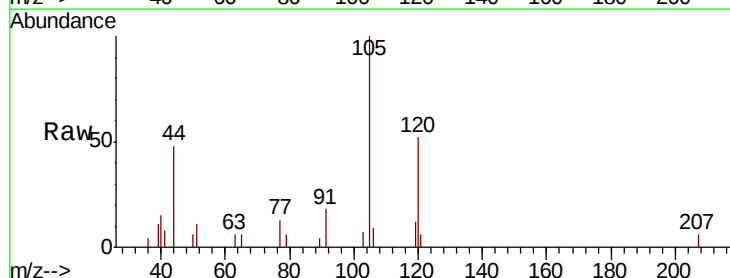
Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

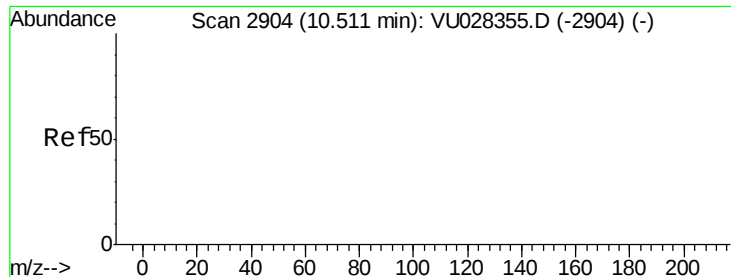
Tot Ion: 75 Resp: 145749
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Tgt Ion: 105 Resp: 4217
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.511 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

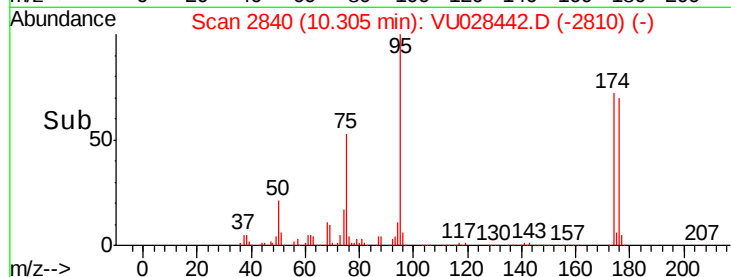
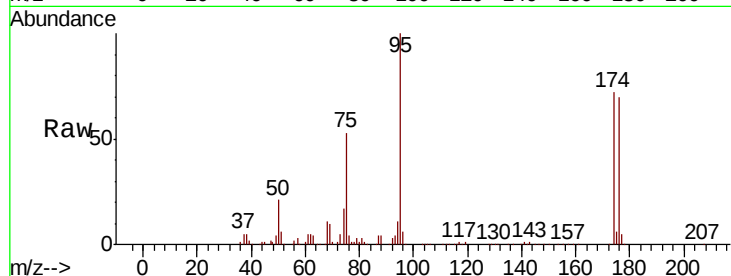
Tot Ion: 75 Resp: 145749

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

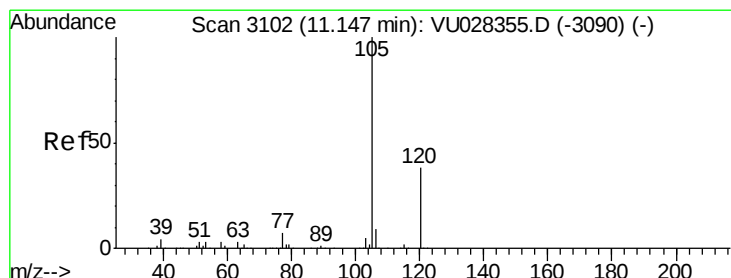
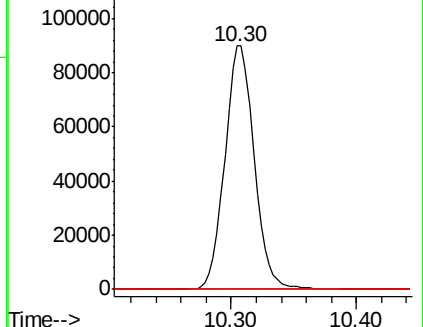
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 0.239 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028442.D

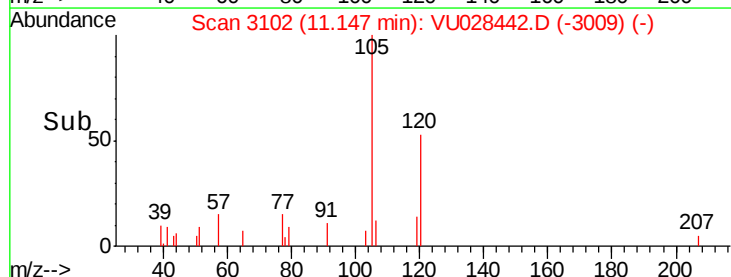
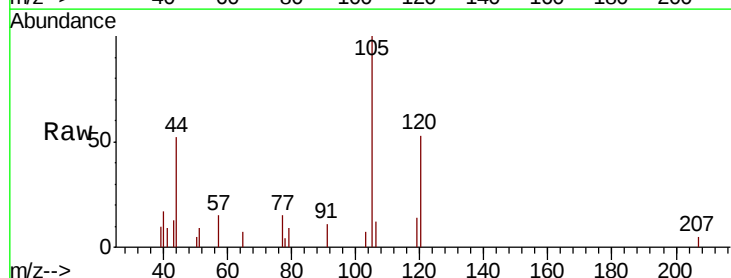
Acq: 03 Dec 2018 15:32

Tgt Ion: 105 Resp: 4133

Ion Ratio Lower Upper

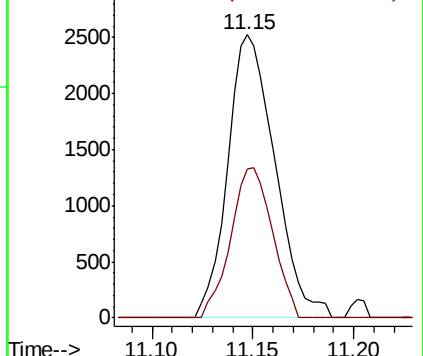
105 100

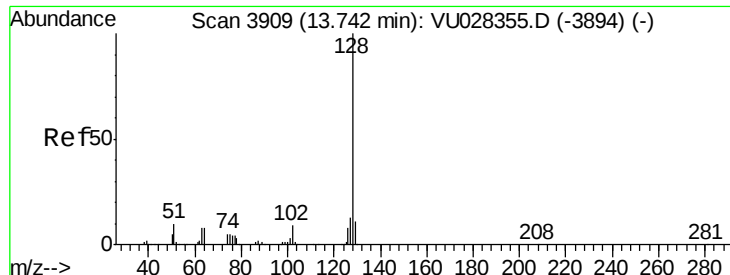
120 46.9 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.846 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

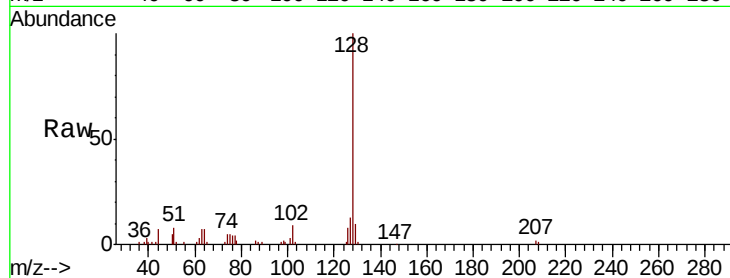
Tot Ion:128 Resp: 46770

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.3 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

