

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028759.D
 Acq On : 18 Dec 2018 07:36
 Operator : MD/SY
 Sample : J6390-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 09:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	142173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	52110	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	65062	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
35) Dibromofluoromethane	4.88	113	48957	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
50) Toluene-d8	7.56	98	183875	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	10.31	95	62143	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	791	0.402	ug/l #	76
8) Diethyl Ether	2.10	74	140	0.200	ug/l #	1
11) Tert butyl alcohol	2.83	59	20427	75.233	ug/l	95
13) Acrolein	2.20	56	75	0.347	ug/l #	14
14) Allyl chloride	2.61	41	1049	0.499	ug/l #	27
16) Acetone	2.32	43	48914	61.509	ug/l	99
18) Methyl Acetate	2.61	43	87158	42.280	ug/l	97
20) Methylene Chloride	2.71	84	324	0.276	ug/l #	84
22) Diisopropyl ether	3.60	45	1804	0.441	ug/l #	1
23) Vinyl Acetate	3.60	43	4109	1.218	ug/l #	76
25) 2-Butanone	4.27	43	20472	18.837	ug/l	96
36) 1,1-Dichloropropene	4.98	75	6870	4.416	ug/l #	45
37) Ethyl Acetate	4.39	43	5102	2.537	ug/l #	94
38) Carbon Tetrachloride	4.98	117	7939	6.331	ug/l #	14
39) Methylcyclohexane	6.41	83	471	0.248	ug/l #	65
40) Benzene	5.39	78	80056	17.471	ug/l	99
41) Methacrylonitrile	4.57	41	514	0.467	ug/l #	29
42) 1,2-Dichloroethane	5.38	62	620	0.387	ug/l #	76
45) 1,2-Dichloropropane	6.70	63	329	0.255	ug/l #	44
48) Methyl methacrylate	6.70	41	29126	18.411	ug/l #	47
49) 1,4-Dioxane	6.62	88	512	20.498	ug/l #	71
51) 4-Methyl-2-Pentanone	7.46	43	7631	3.803	ug/l	92
52) Toluene	7.64	92	35445	13.144	ug/l	99
53) t-1,3-Dichloropropene	7.63	75	359	0.203	ug/l #	1
59) 2-Hexanone	8.52	43	65123	40.952	ug/l #	29
67) Ethyl Benzene	9.25	91	5404	1.084	ug/l	89
68) m/p-Xylenes	9.37	106	9400	5.182	ug/l	94
69) o-Xylene	9.77	106	4281	2.428	ug/l	97
70) Styrene	9.79	104	2702	0.926	ug/l #	78
73) Isopropylbenzene	10.17	105	888	0.222	ug/l #	69
74) N-amyl acetate	9.92	43	9474	4.108	ug/l #	46
76) 1,2,3-Trichloropropane	10.31	75	31574	23.728	ug/l #	36
78) n-propylbenzene	10.59	91	3536	0.712	ug/l	96
79) 2-Chlorotoluene	10.68	91	1710	0.597	ug/l #	43

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QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

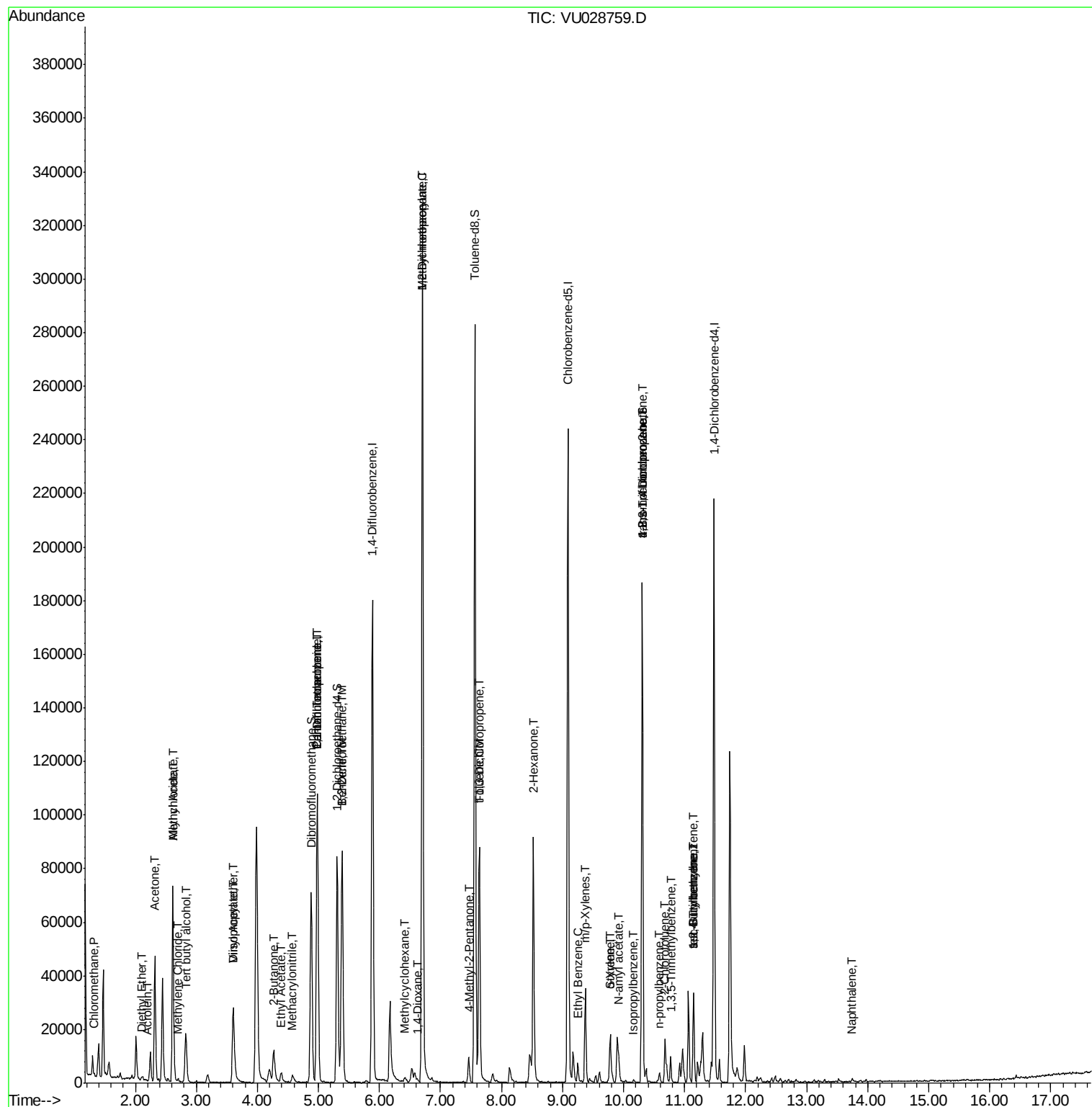
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.77	105	5394	1.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	31574	58.253	ug/l #	100
83) tert-Butylbenzene	11.14	119	2239	0.702	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.15	105	18148	5.320	ug/l	99
85) sec-Butylbenzene	11.15	105	18148	4.428	ug/l #	59
95) Naphthalene	13.75	128	1513	0.357	ug/l #	79

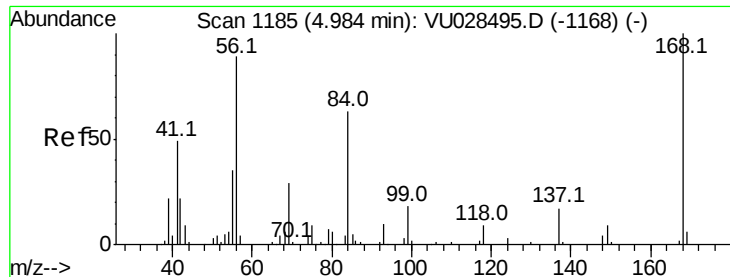
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

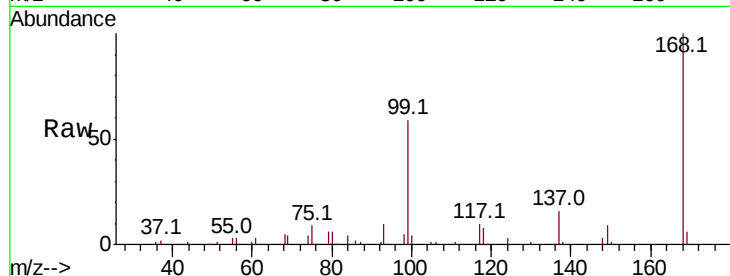
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 79857

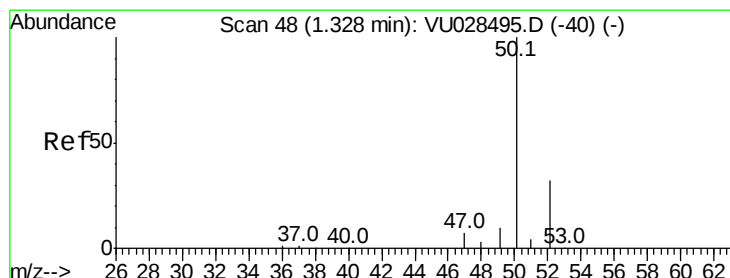
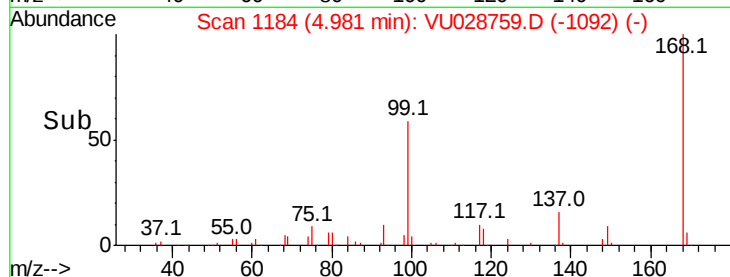
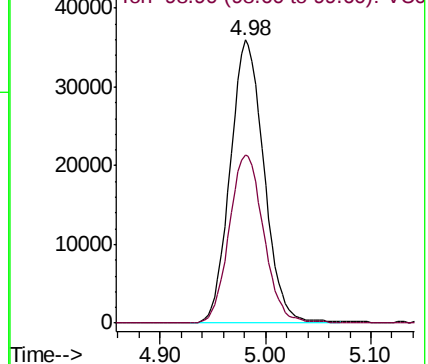
Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.402 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028759.D

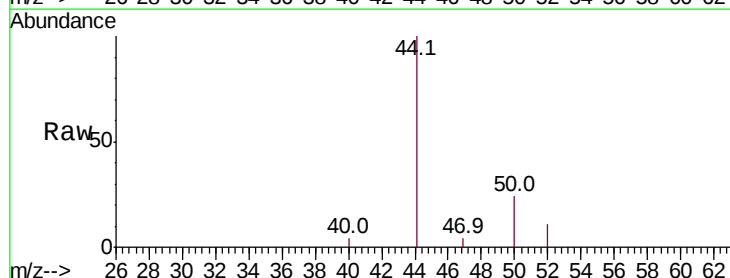
Acq: 18 Dec 2018 07:36

Tgt Ion: 50 Resp: 791

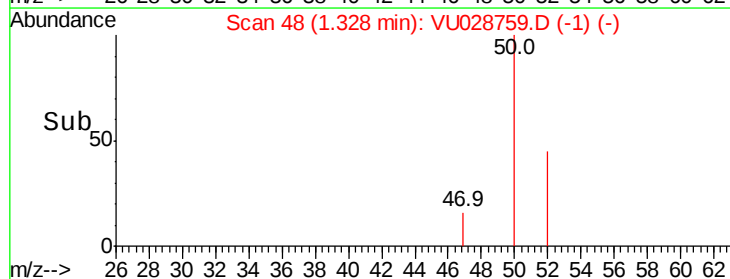
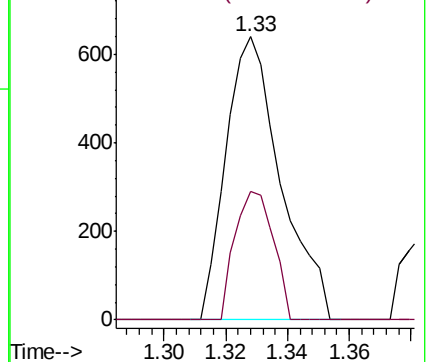
Ion Ratio Lower Upper

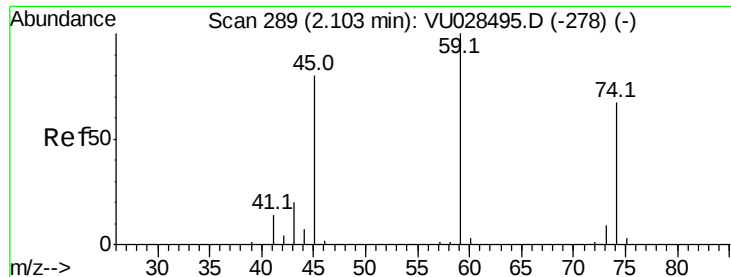
50 100

52 45.4 25.5 38.3#



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





#8

Diethyl Ether

Concen: 0.200 ug/l

RT: 2.10 min Scan# 287

Delta R.T. -0.01 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

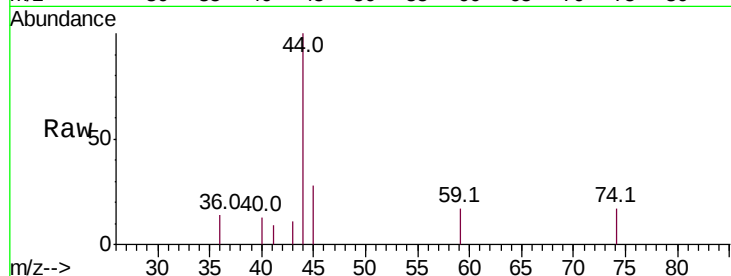
ClientSampleId :

Tot Ion: 74 Resp: 140

Ion Ratio Lower Upper

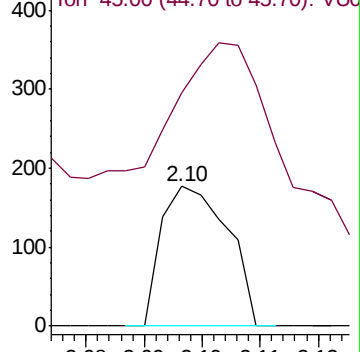
74 100

45 406.4 59.7 179.0#

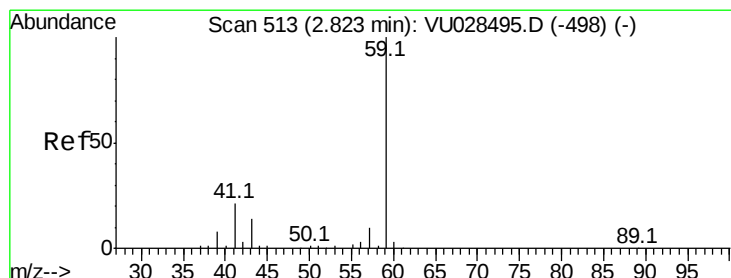
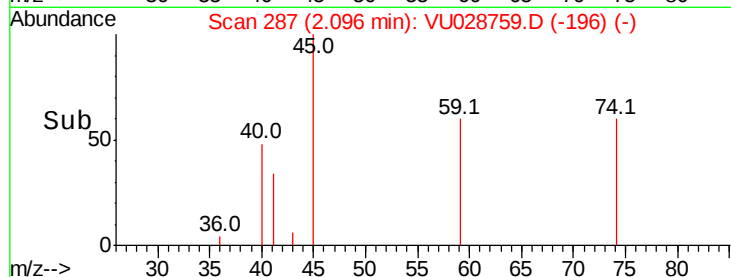


Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->



#11

Tert butyl alcohol

Concen: 75.233 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028759.D

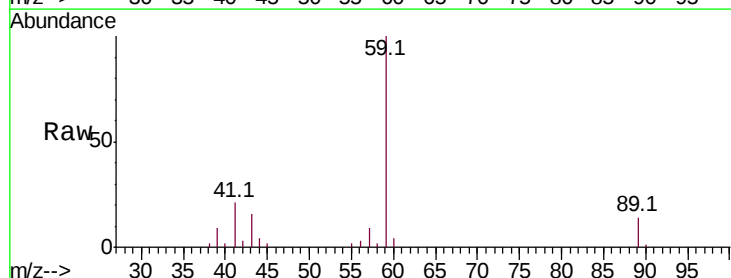
Acq: 18 Dec 2018 07:36

Tgt Ion: 59 Resp: 20427

Ion Ratio Lower Upper

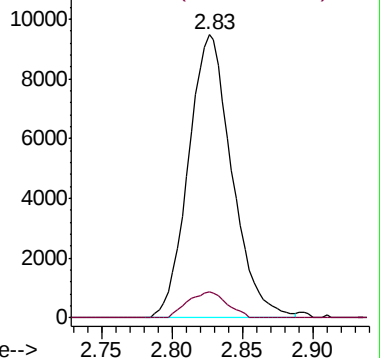
59 100

57 8.2 8.0 12.0

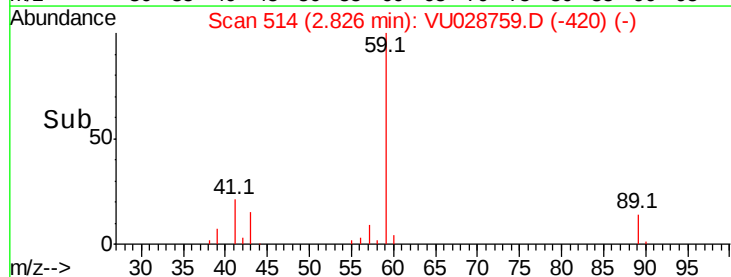


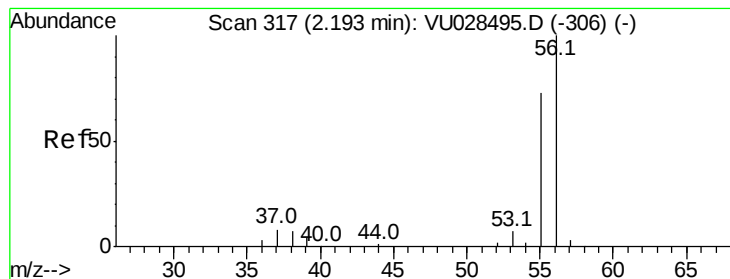
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#13

Acrolein

Concen: 0.347 ug/l

RT: 2.20 min Scan# 319

Delta R.T. 0.01 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

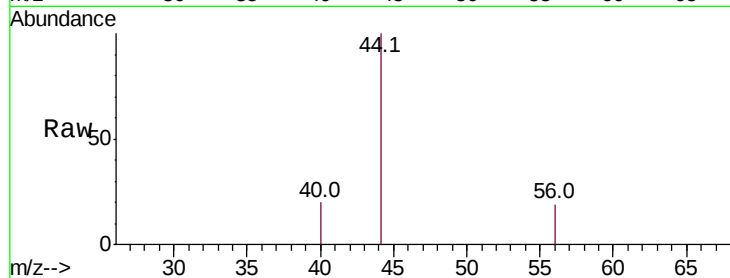
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 75

Ion Ratio Lower Upper

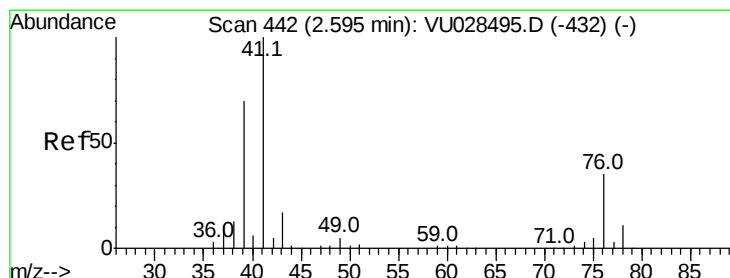
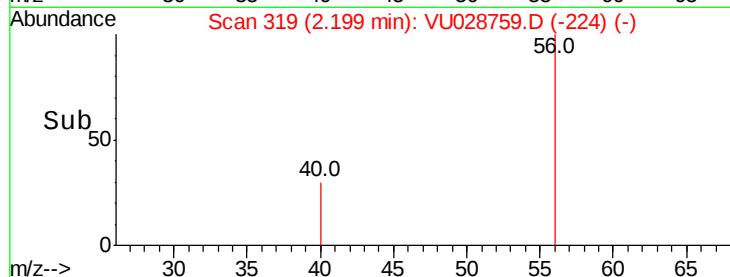
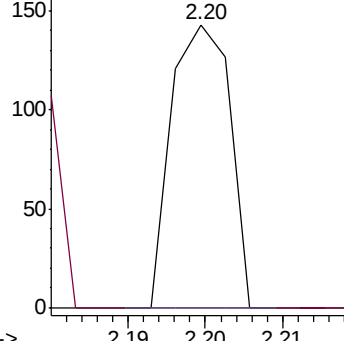
56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 0.499 ug/l

RT: 2.61 min Scan# 447

Delta R.T. 0.02 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

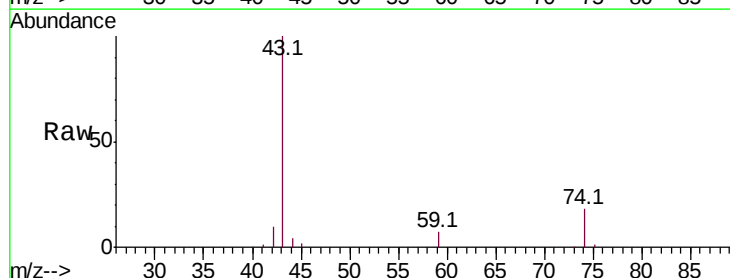
Tgt Ion: 41 Resp: 1049

Ion Ratio Lower Upper

41 100

39 0.0 50.8 76.2#

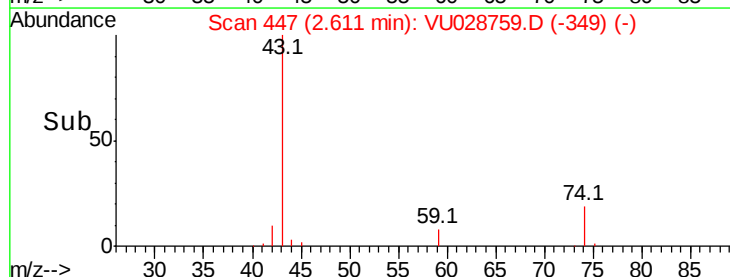
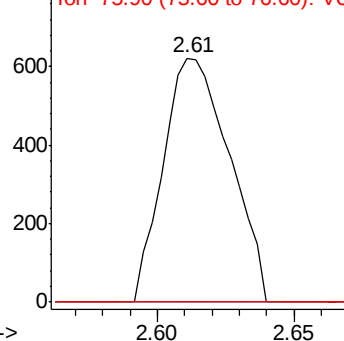
76 0.0 24.8 37.2#

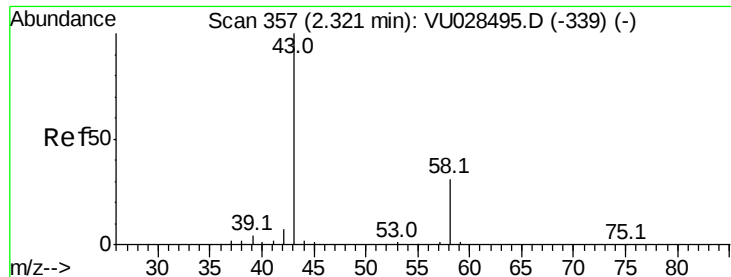


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#16

Acetone

Concen: 61.509 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

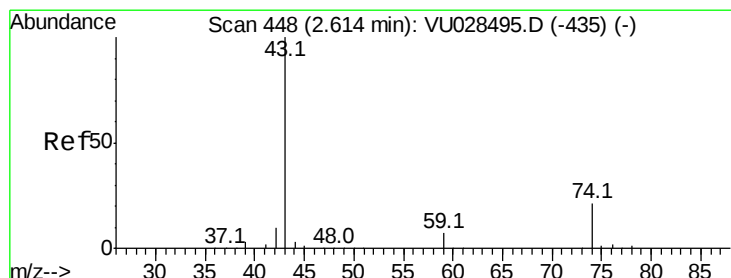
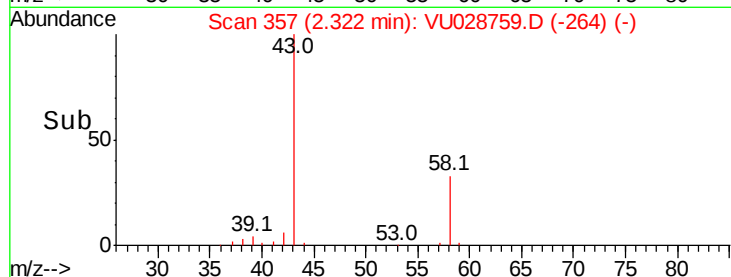
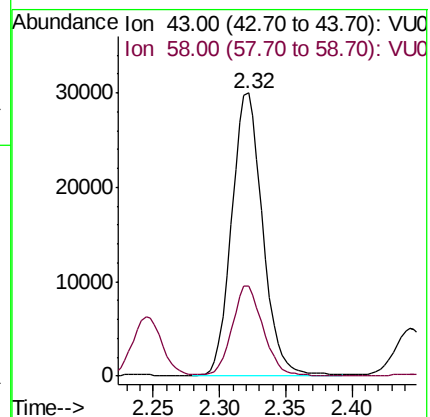
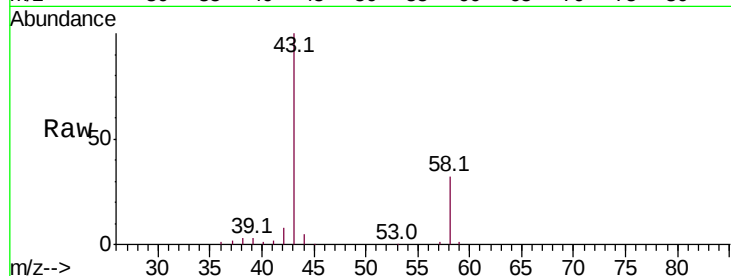
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 48914

Ion Ratio Lower Upper

43 100

58 31.6 24.6 37.0



#18

Methyl Acetate

Concen: 42.280 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU028759.D

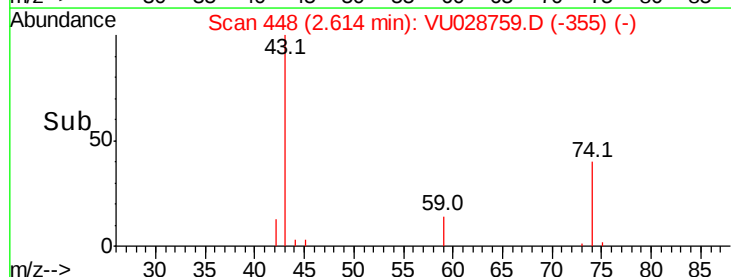
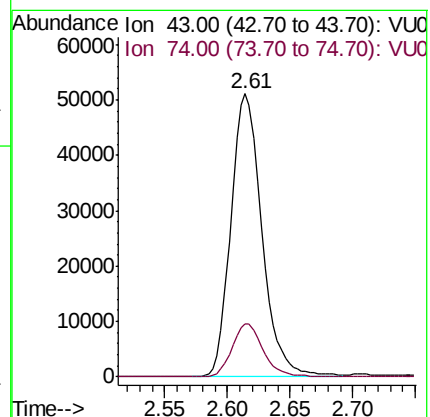
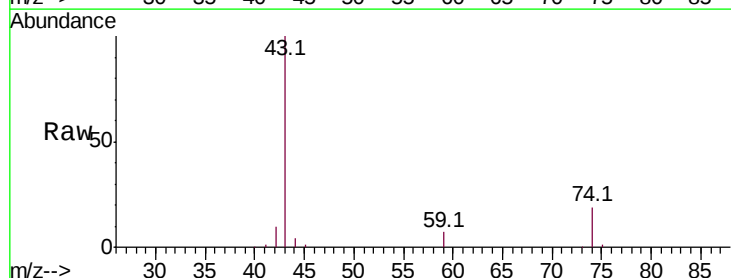
Acq: 18 Dec 2018 07:36

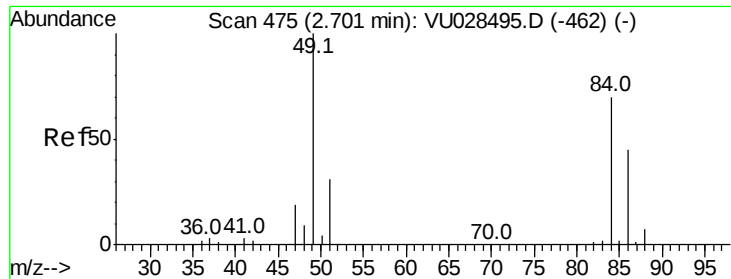
Tgt Ion: 43 Resp: 87158

Ion Ratio Lower Upper

43 100

74 19.0 16.4 24.6

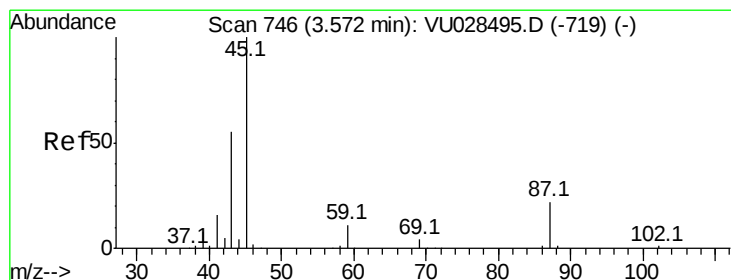
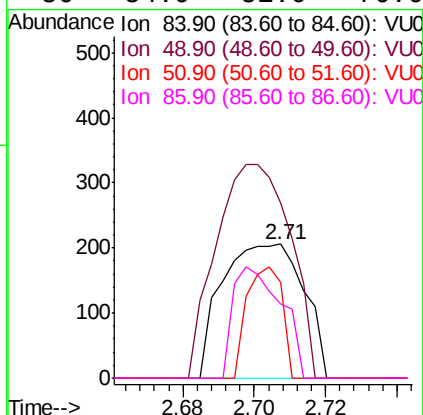
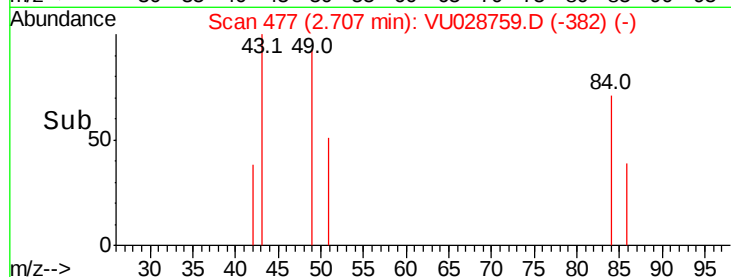
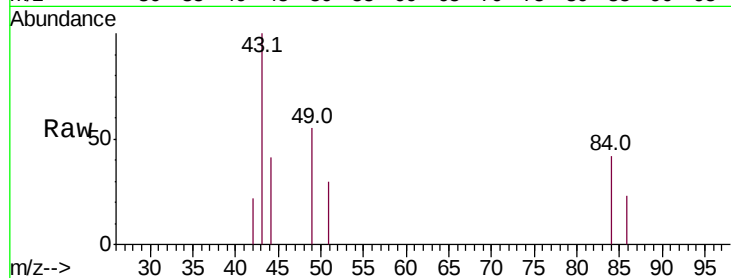




#20
Methvlene Chloride
Concen: 0.276 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

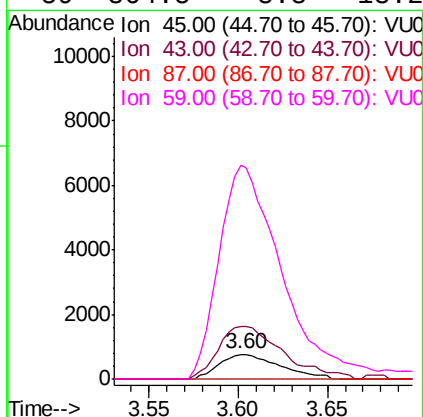
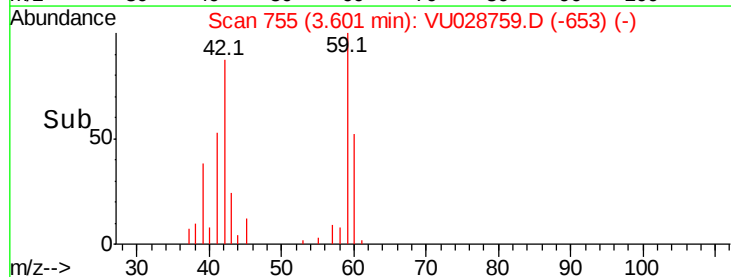
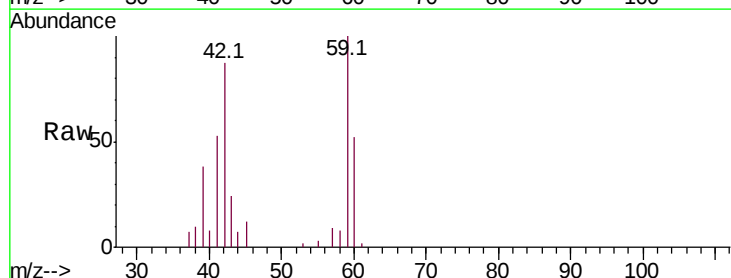
Instrument :
MSVOA_U
ClientSampleId :

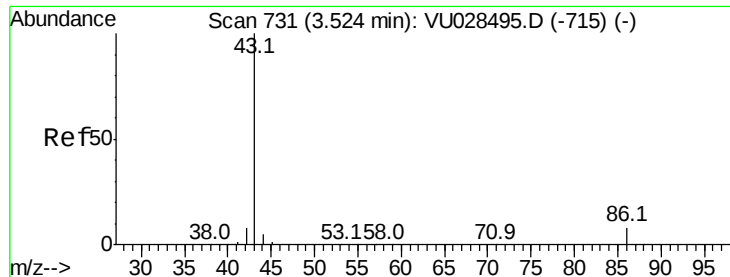
Tot Ion: 84 Resp: 324
Ion Ratio Lower Upper
84 100
49 131.1 114.0 171.0
51 71.4 35.1 52.7#
86 54.9 51.0 76.6



#22
Diisopropyl ether
Concen: 0.441 ug/l
RT: 3.60 min Scan# 755
Delta R.T. 0.03 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 45 Resp: 1804
Ion Ratio Lower Upper
45 100
43 210.7 45.3 67.9#
87 0.0 17.6 26.4#
59 864.5 8.8 13.2#





#23

Vinyl Acetate

Concen: 1.218 ug/l

RT: 3.60 min Scan# 755

Delta R.T. 0.08 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

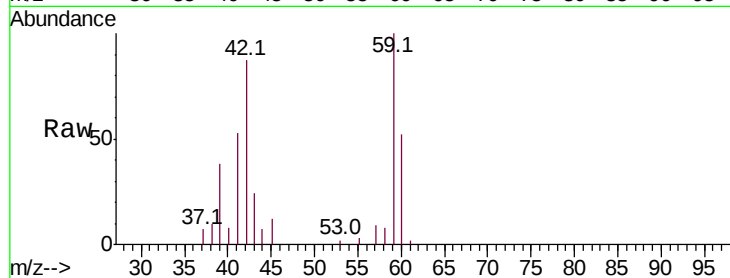
ClientSampled :

Tot Ion: 43 Resp: 4109

Ion Ratio Lower Upper

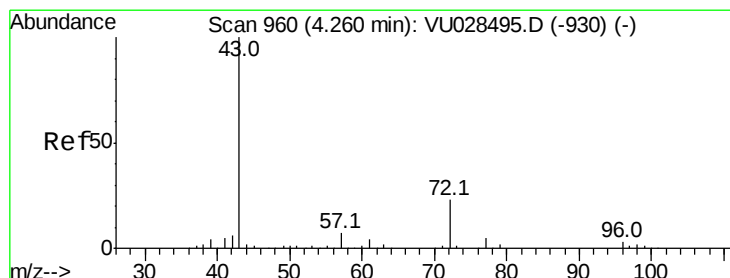
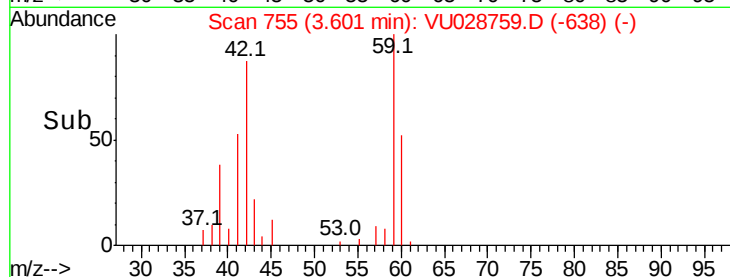
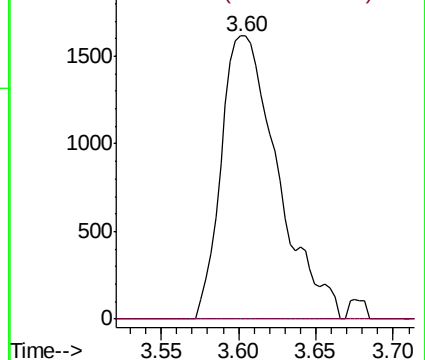
43 100

86 0.0 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#25

2-Butanone

Concen: 18.837 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028759.D

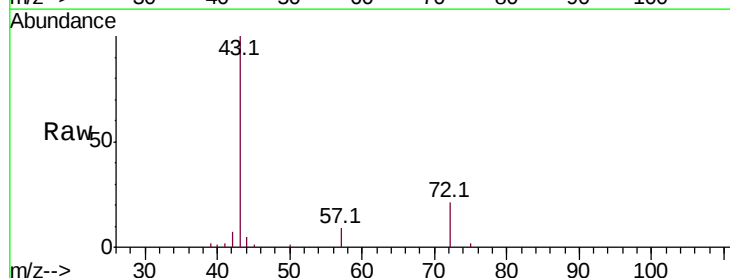
Acq: 18 Dec 2018 07:36

Tgt Ion: 43 Resp: 20472

Ion Ratio Lower Upper

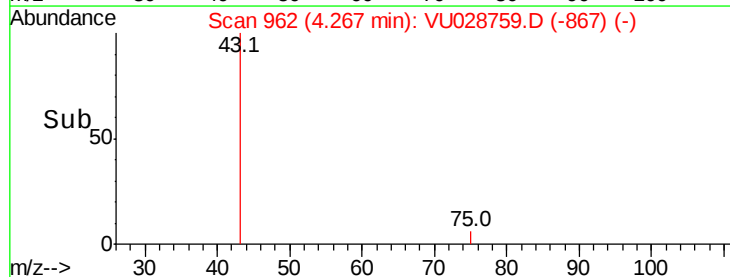
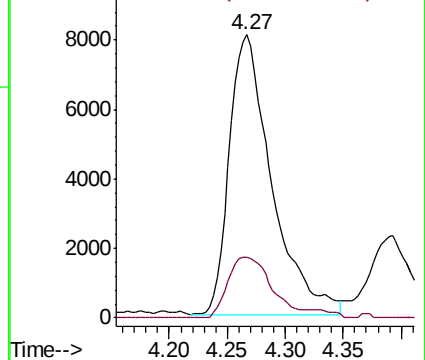
43 100

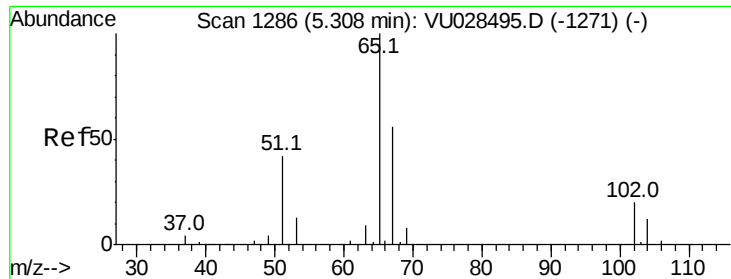
72 21.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 53.388 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

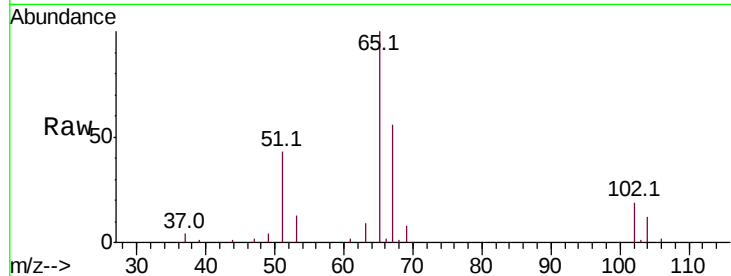
ClientSampleId :

Tot Ion: 65 Resp: 65062

Ion Ratio Lower Upper

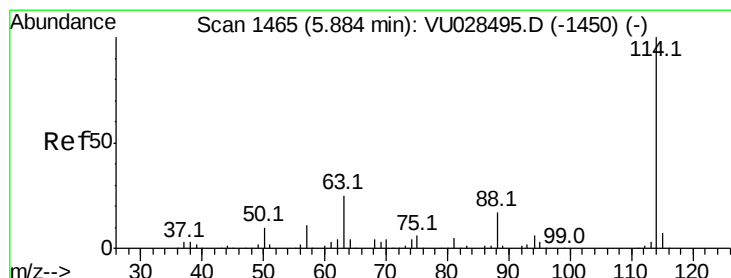
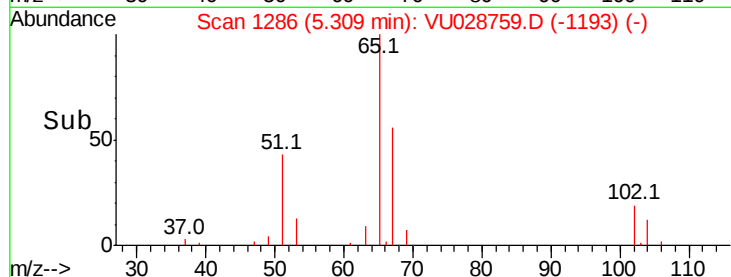
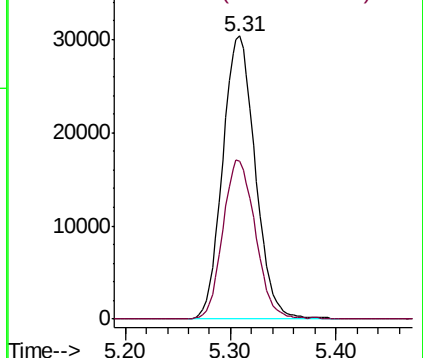
65 100

67 55.8 0.0 110.6



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: VU028759.D

Acq: 18 Dec 2018 07:36

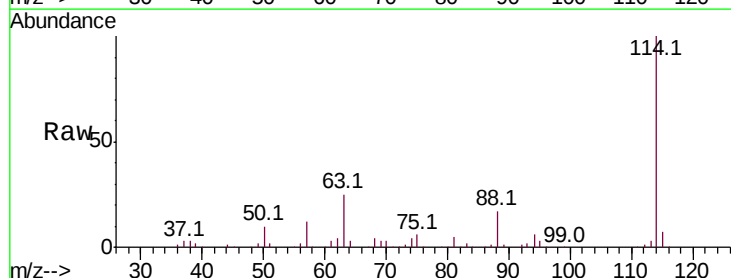
Tgt Ion:114 Resp: 142173

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

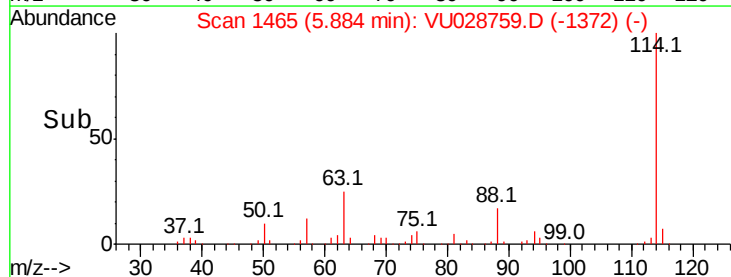
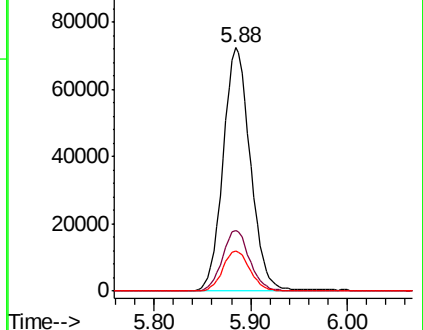
88 16.5 0.0 33.4

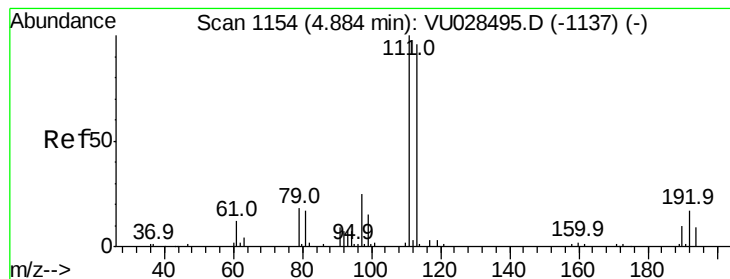


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





#35

Dibromofluoromethane

Concen: 54.719 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampleId :

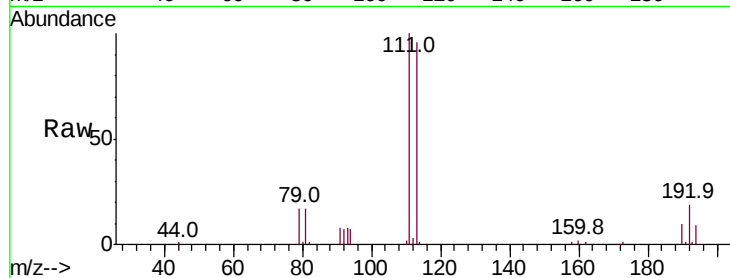
Tot Ion:113 Resp: 48957

Ion Ratio Lower Upper

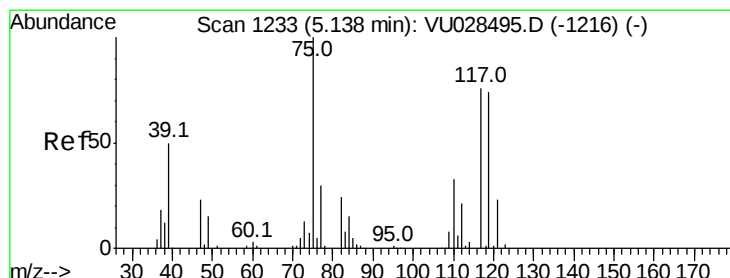
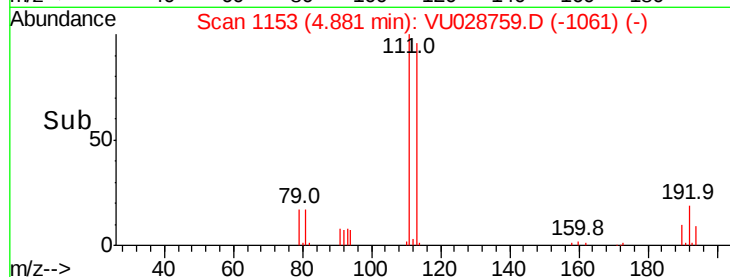
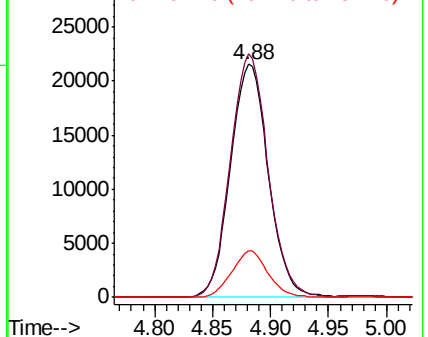
113 100

111 103.7 83.4 125.0

192 18.9 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.416 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

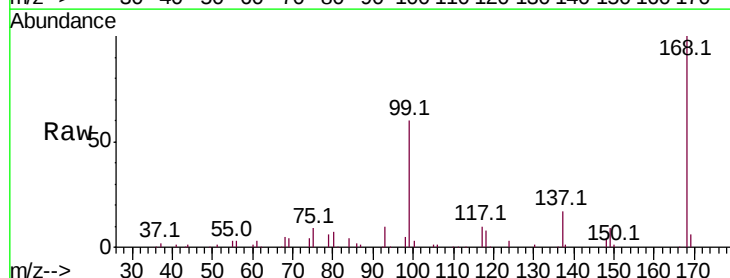
Tgt Ion: 75 Resp: 6870

Ion Ratio Lower Upper

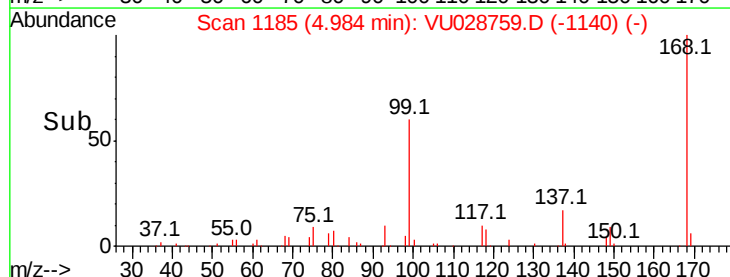
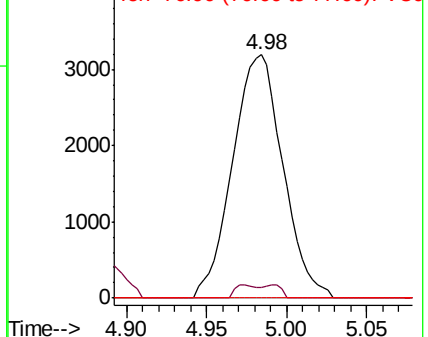
75 100

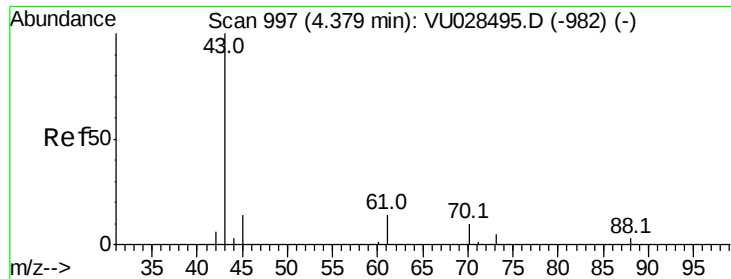
110 2.1 16.1 48.2#

77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

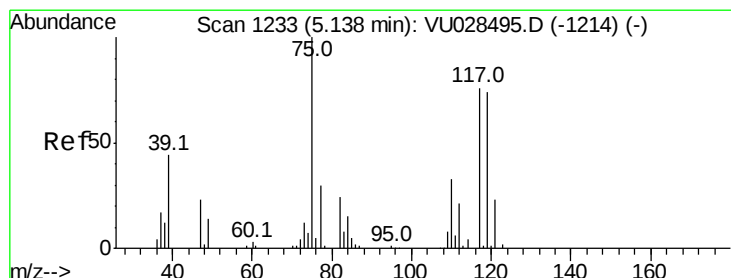
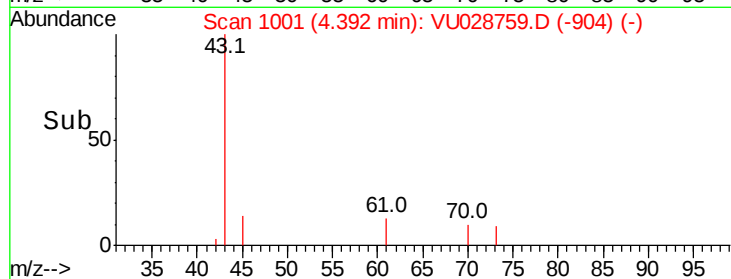
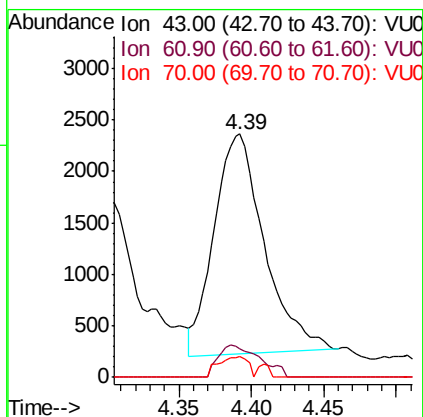
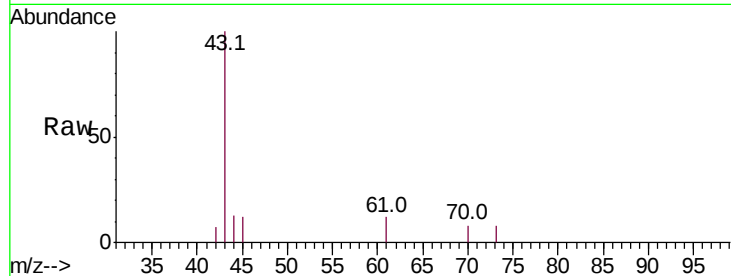




#37
Ethyl Acetate
Concen: 2.537 ug/l
RT: 4.39 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

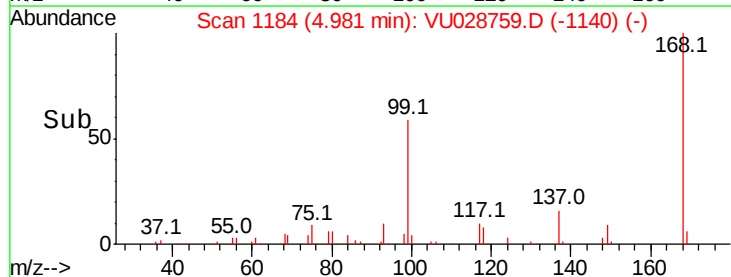
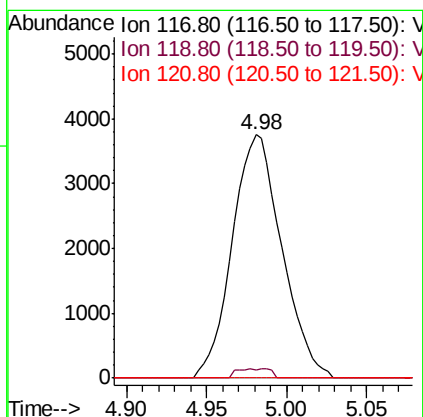
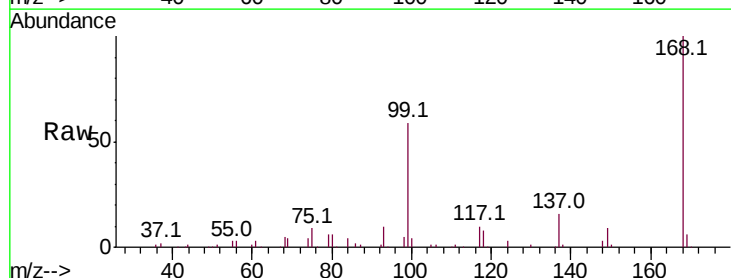
Instrument :
MSVOA_U
ClientSampleId :

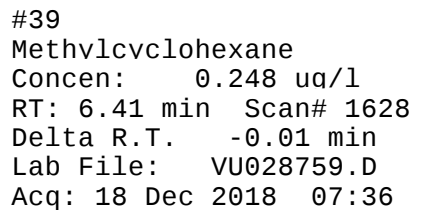
Tot Ion: 43 Resp: 5102
Ion Ratio Lower Upper
43 100
61 12.3 11.0 16.4
70 5.5 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

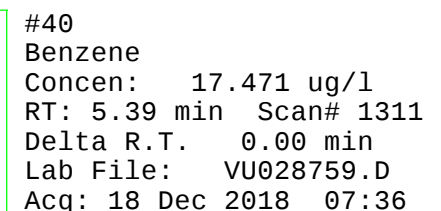
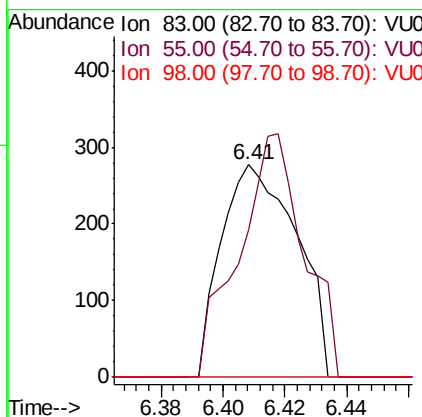
Tgt Ion: 117 Resp: 7939
Ion Ratio Lower Upper
117 100
119 3.5 77.6 116.4#
121 0.0 24.6 36.8#



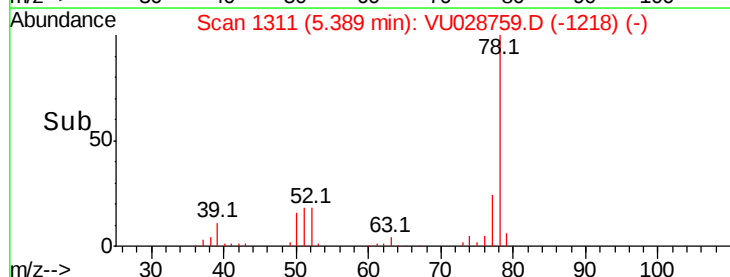
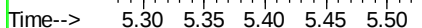
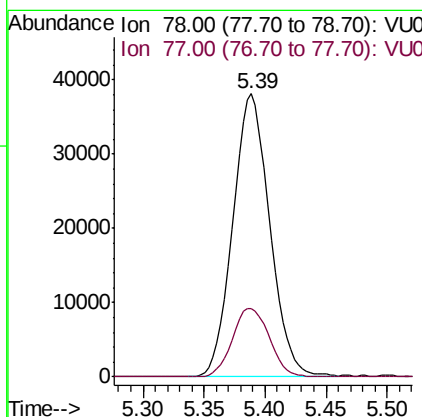


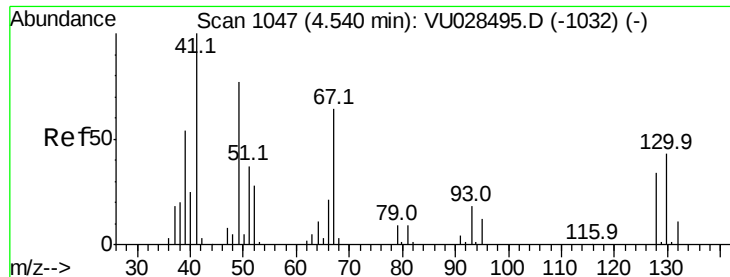
Instrument :
MSVOA_U
ClientSampleId :

Tot	Ion: 83	Resp:	471
Ion	Ratio	Lower	Upper
83	100		
55	69.3	70.2	105.2#
98	0.0	34.2	51.4#



Tgt	Ion: 78	Resp:	80056
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.9	29.9





#41

Methacrylonitrile

Concen: 0.467 ug/l

RT: 4.57 min Scan# 1056

Delta R.T. 0.03 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 41 Resp: 514

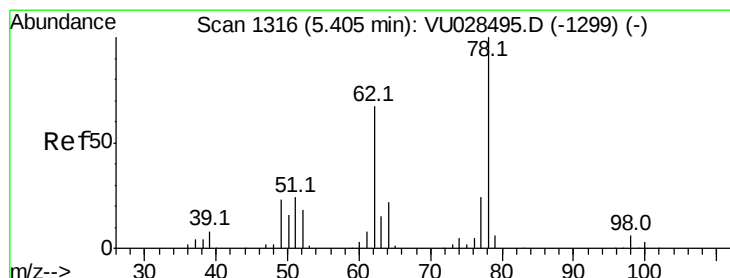
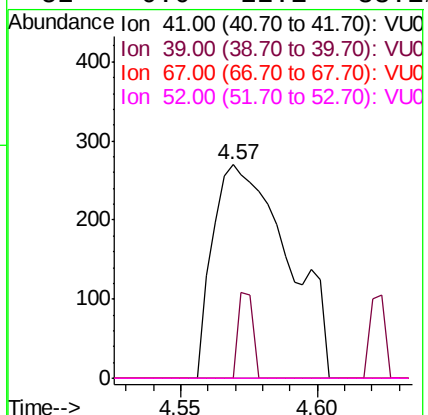
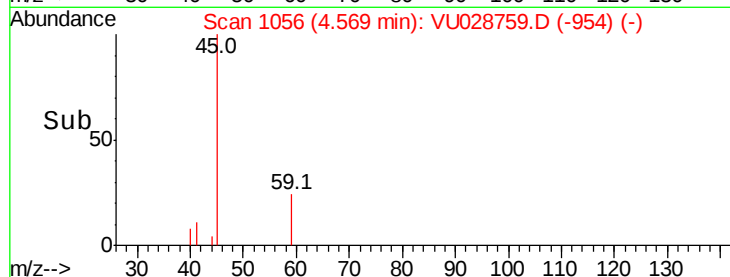
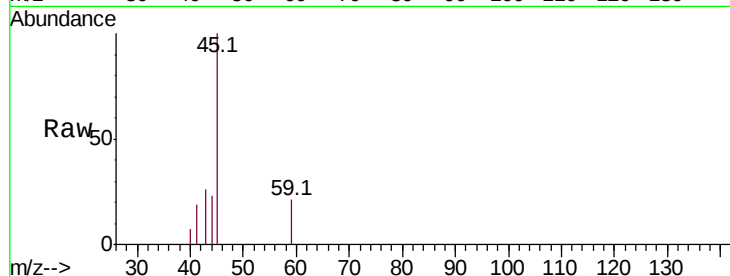
Ion Ratio Lower Upper

41 100

39 8.0 43.3 64.9#

67 0.0 53.6 80.4#

52 0.0 22.1 33.1#



#42

1,2-Dichloroethane

Concen: 0.387 ug/l

RT: 5.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: VU028759.D

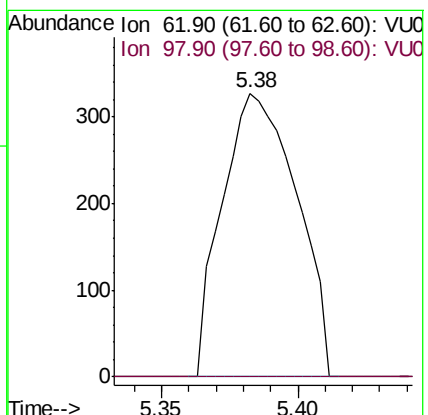
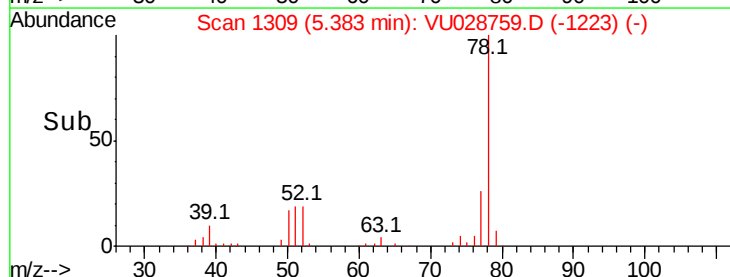
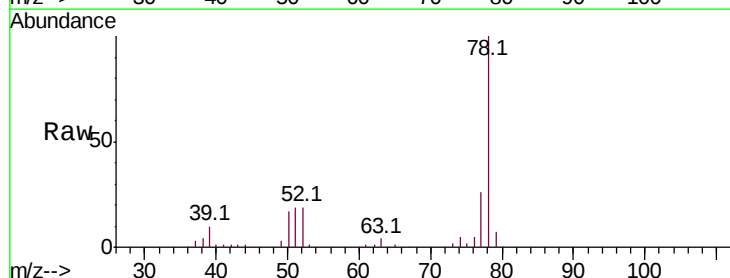
Acq: 18 Dec 2018 07:36

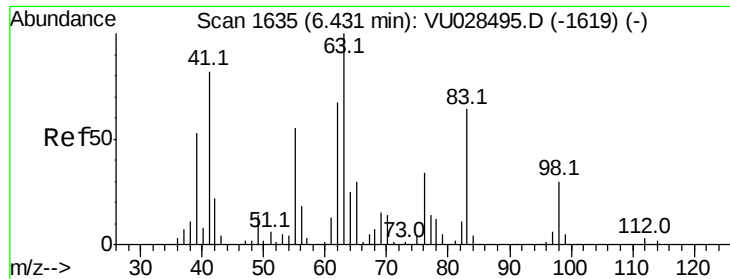
Tgt Ion: 62 Resp: 620

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.2

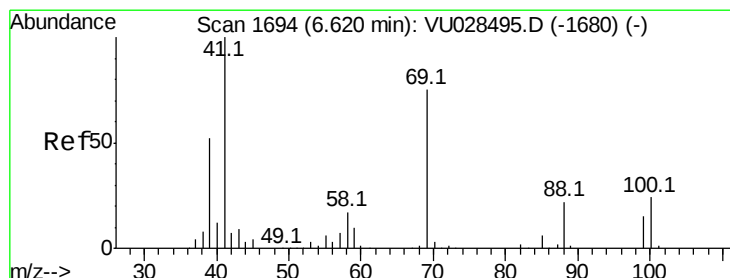
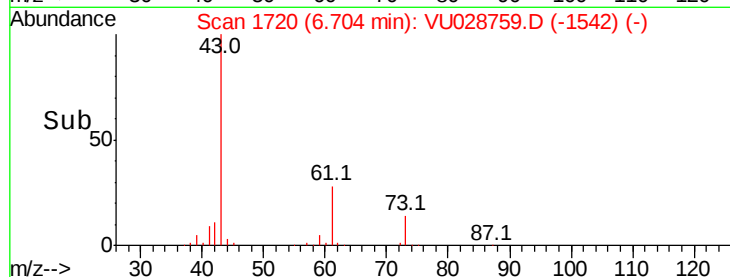
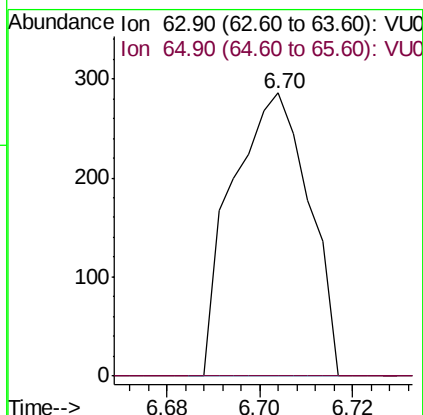
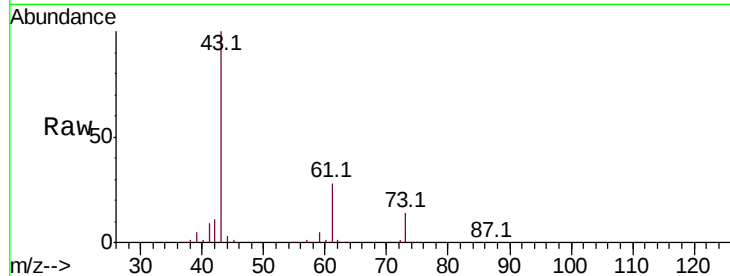




#45
 1,2-Dichloropropane
 Concen: 0.255 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.27 min
 Lab File: VU028759.D
 Acq: 18 Dec 2018 07:36

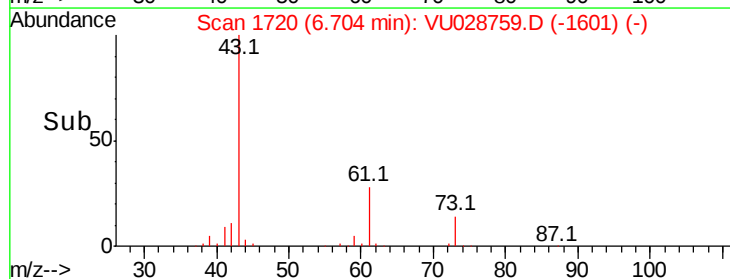
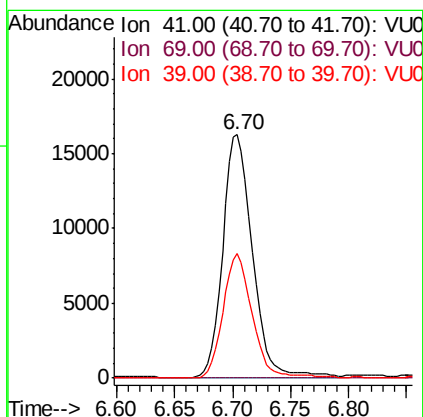
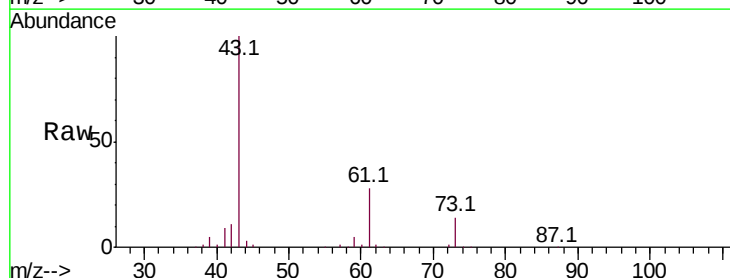
Instrument :
 MSVOA_U
 ClientSampled :

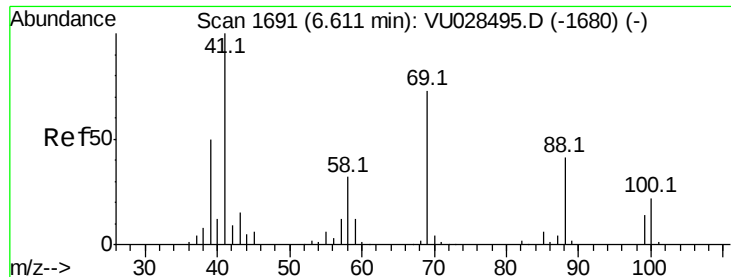
Tot Ion: 63 Resp: 329
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 18.411 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU028759.D
 Acq: 18 Dec 2018 07:36

Tgt Ion: 41 Resp: 29126
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.4 90.6#
 39 49.9 41.1 61.7





#49

1,4-Dioxane

Concen: 20.498 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampled :

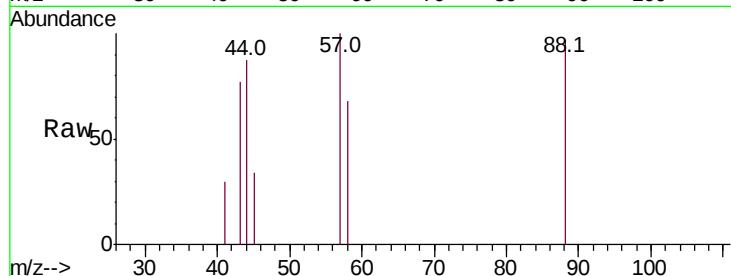
Tot Ion: 88 Resp: 512

Ion Ratio Lower Upper

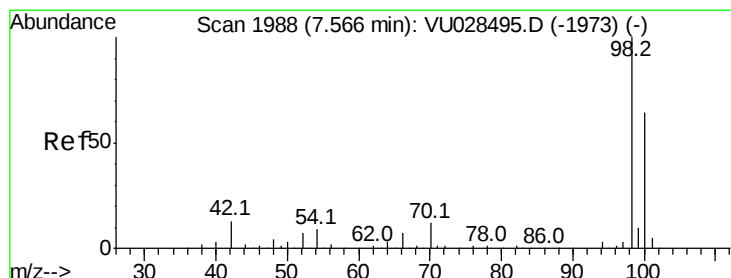
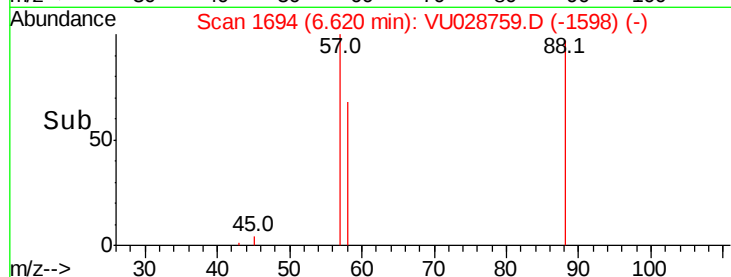
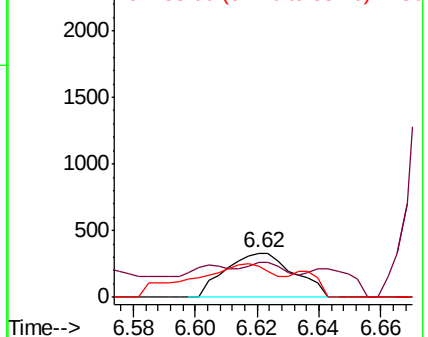
88 100

43 0.0 30.9 46.3#

58 88.7 62.4 93.6



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: 51.952 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028759.D

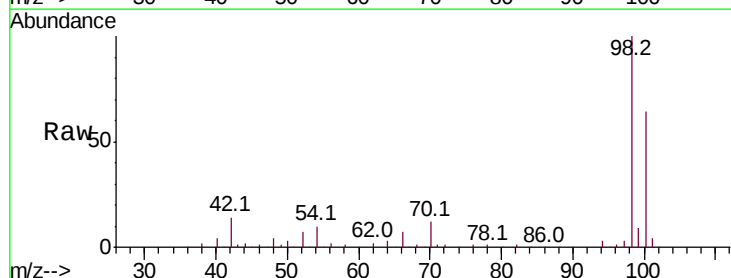
Acq: 18 Dec 2018 07:36

Tgt Ion: 98 Resp: 183875

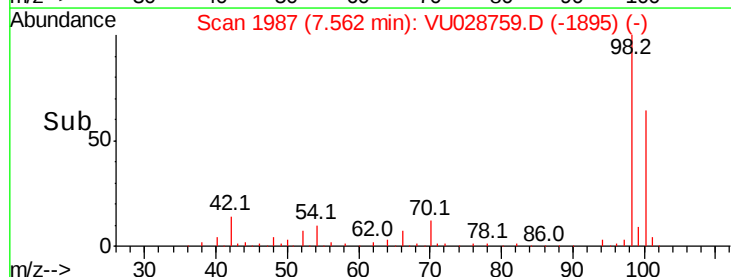
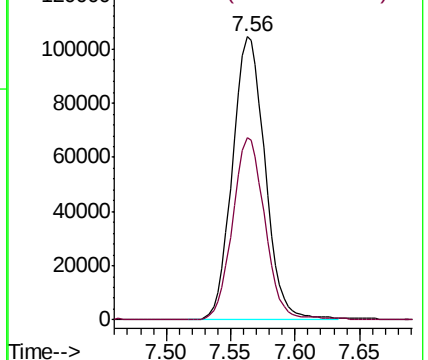
Ion Ratio Lower Upper

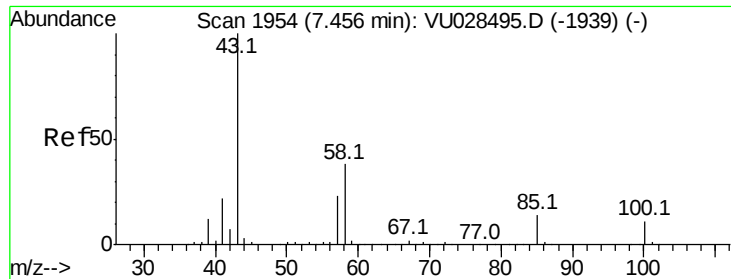
98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 3.803 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

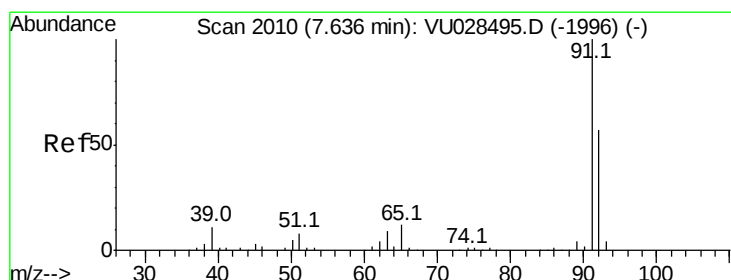
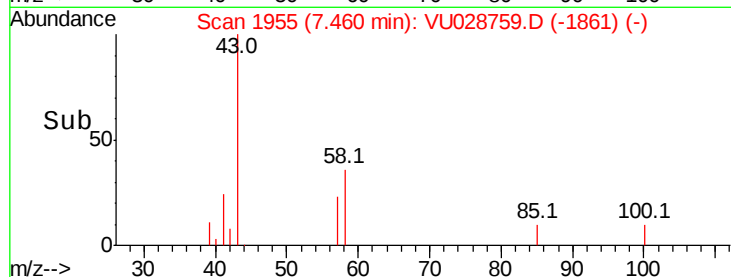
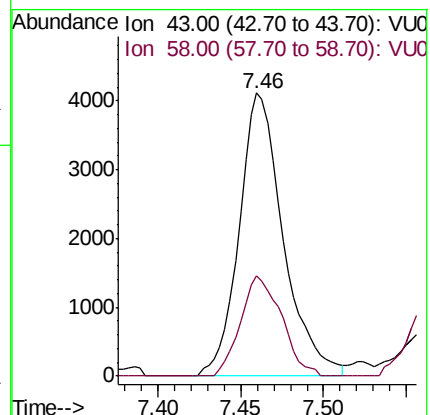
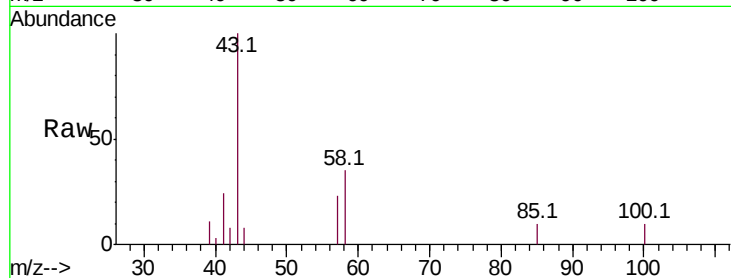
ClientSampled :

Tot Ion: 43 Resp: 7631

Ion Ratio Lower Upper

43 100

58 33.0 30.2 45.2



#52

Toluene

Concen: 13.144 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028759.D

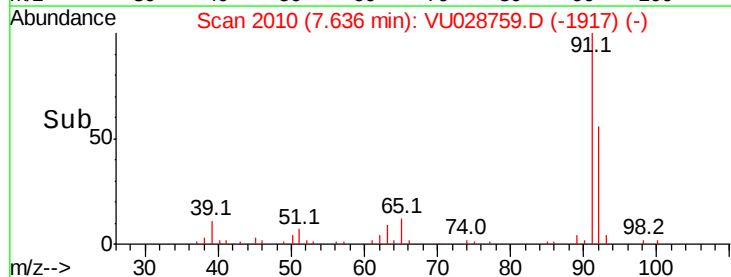
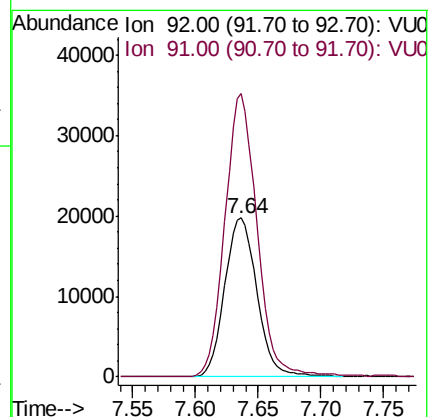
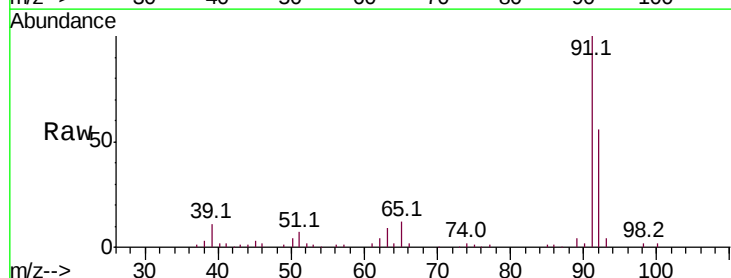
Acq: 18 Dec 2018 07:36

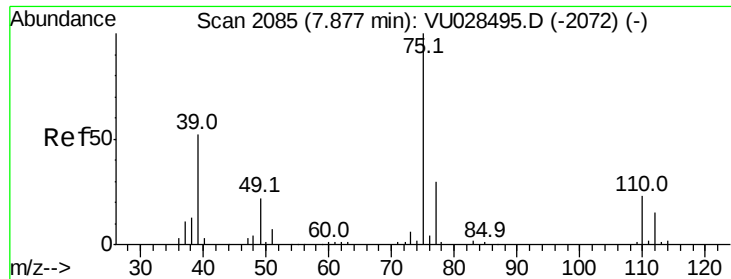
Tgt Ion: 92 Resp: 35445

Ion Ratio Lower Upper

92 100

91 177.1 140.2 210.4

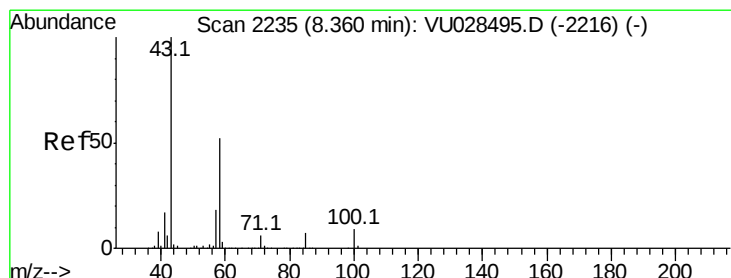
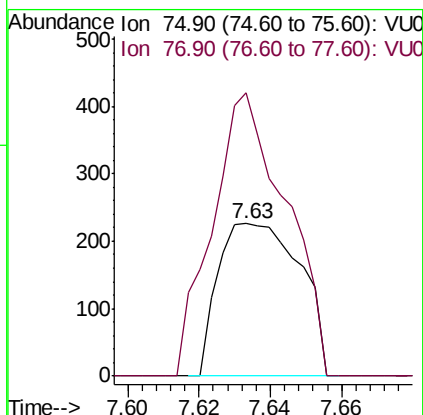
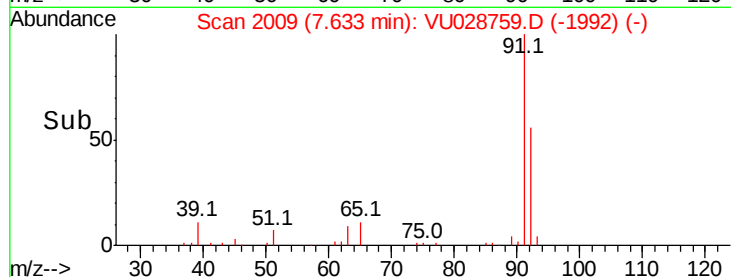
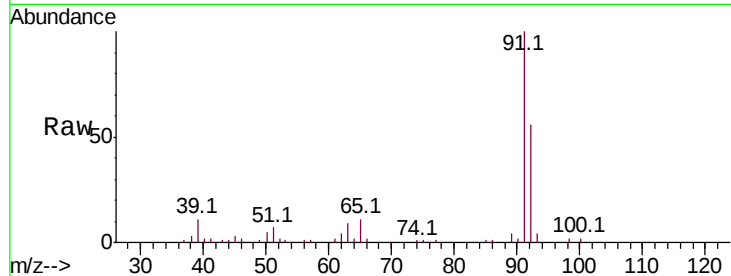




#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.24 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

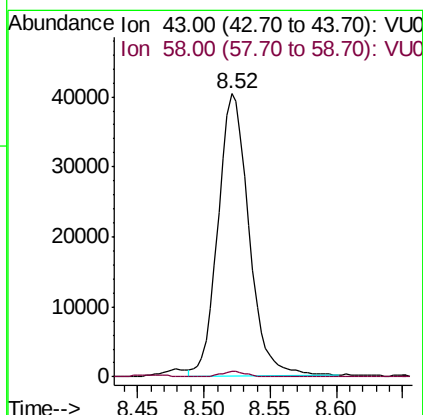
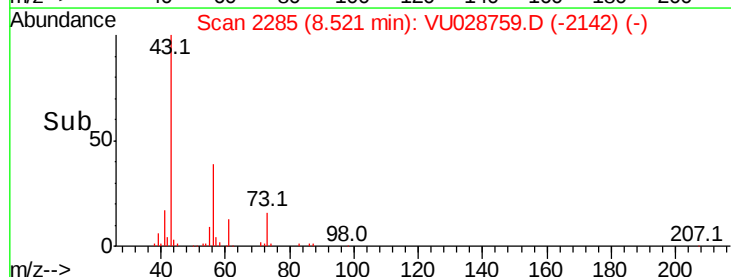
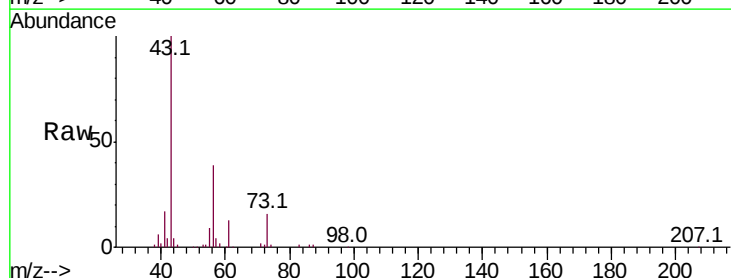
Instrument :
MSVOA_U
ClientSampled :

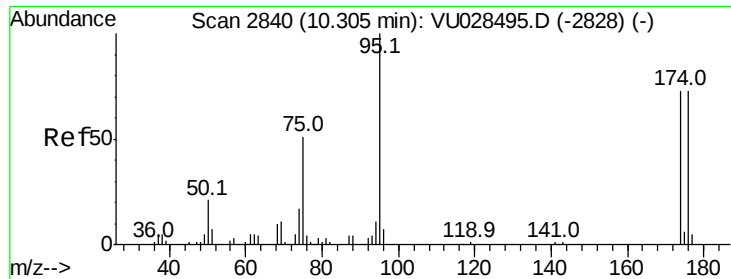
Tot Ion: 75 Resp: 359
Ion Ratio Lower Upper
75 100
77 185.8 24.2 36.4#



#59
2-Hexanone
Concen: 40.952 ug/l
RT: 8.52 min Scan# 2285
Delta R.T. 0.16 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 43 Resp: 65123
Ion Ratio Lower Upper
43 100
58 1.6 25.9 77.6#





#62

4-Bromofluorobenzene

Concen: 46.976 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

ClientSampled :

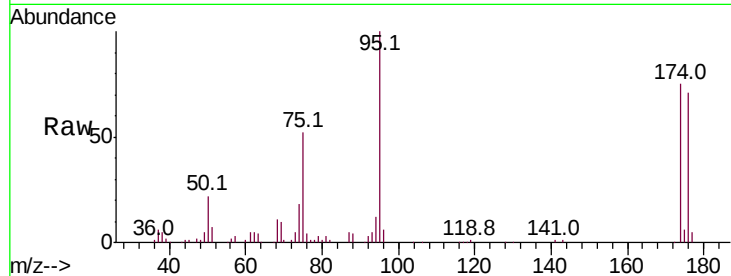
Tot Ion: 95 Resp: 62143

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.4

176 72.0 0.0 145.2

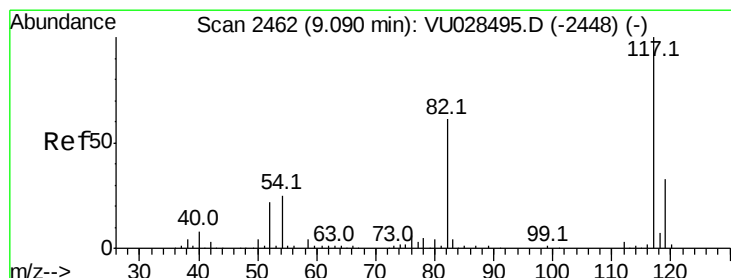
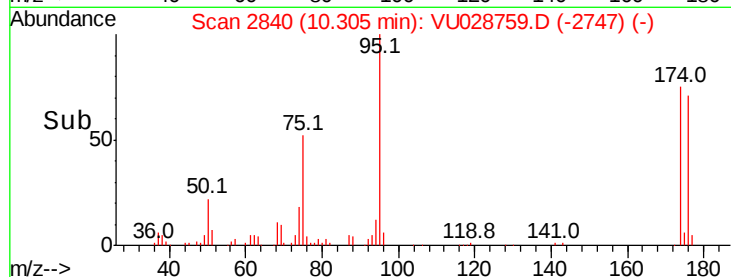


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

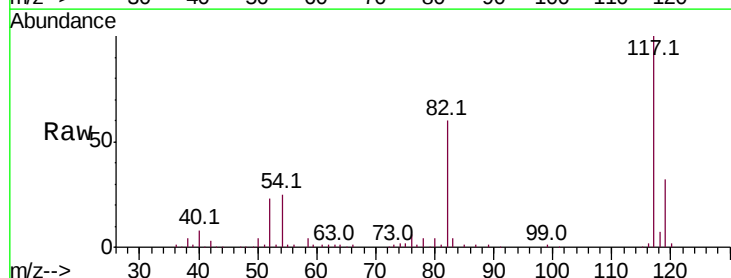
Tgt Ion: 117 Resp: 127266

Ion Ratio Lower Upper

117 100

82 60.3 48.9 73.3

119 32.2 26.2 39.4

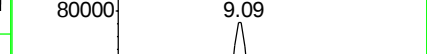
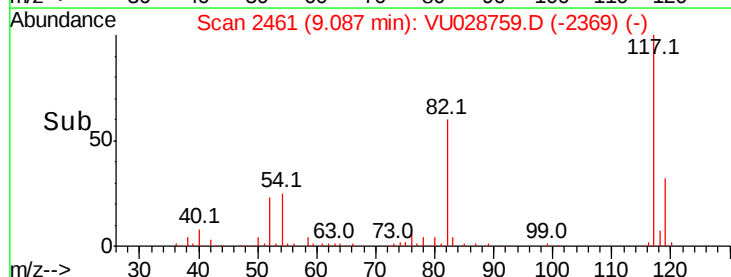


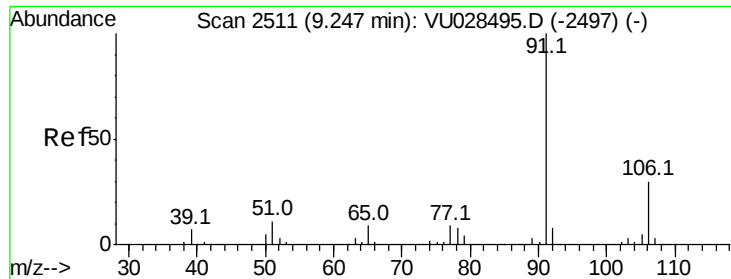
Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

Time-->

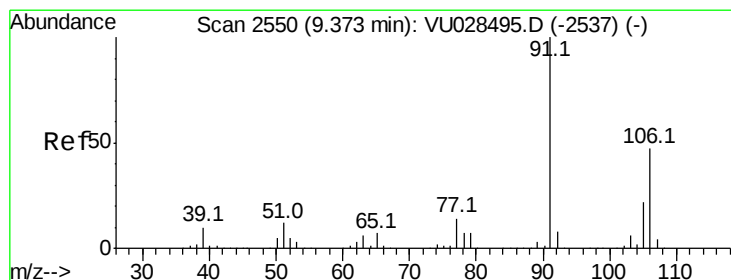
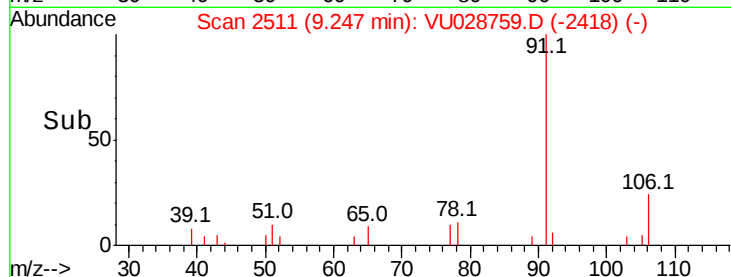
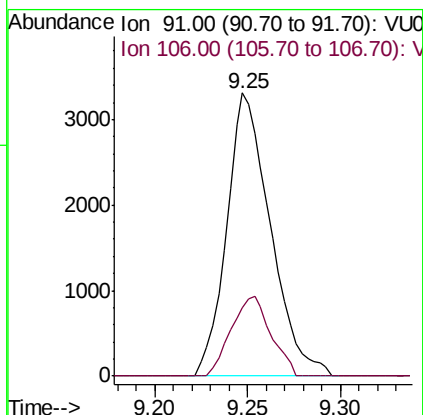
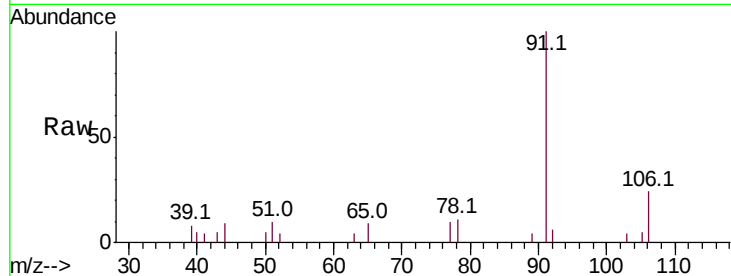




#67
Ethyl Benzene
Concen: 1.084 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

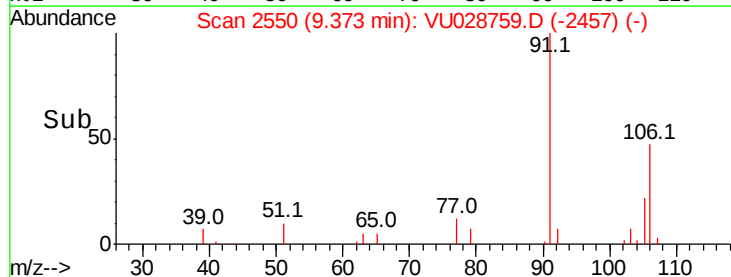
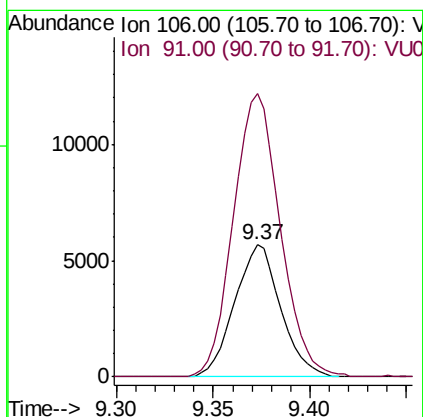
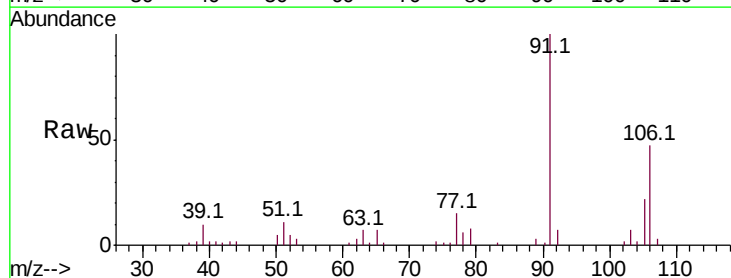
Instrument :
MSVOA_U
ClientSampleId :

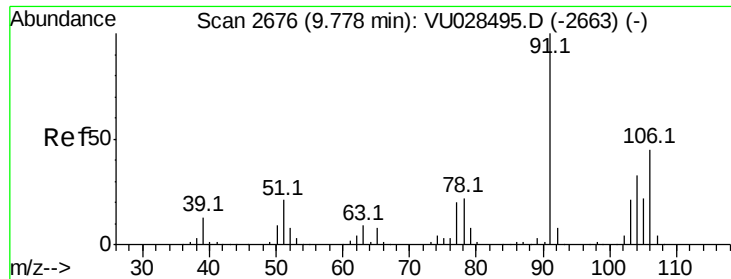
Tot Ion: 91 Resp: 5404
Ion Ratio Lower Upper
91 100
106 24.3 24.1 36.1



#68
m/p-Xylenes
Concen: 5.182 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion: 106 Resp: 9400
Ion Ratio Lower Upper
106 100
91 218.4 167.4 251.0

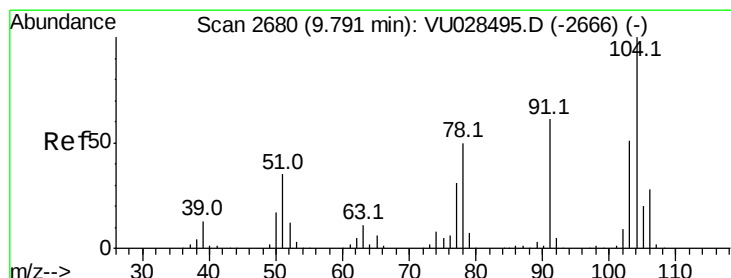
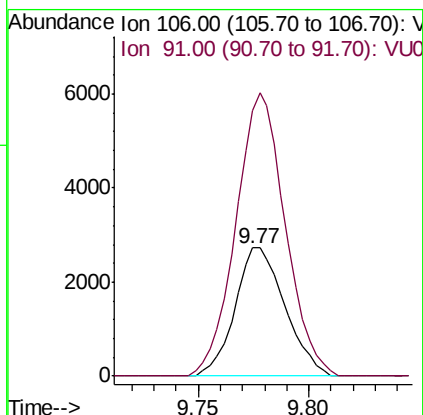
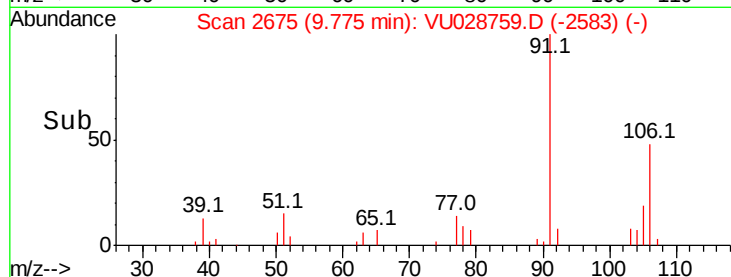
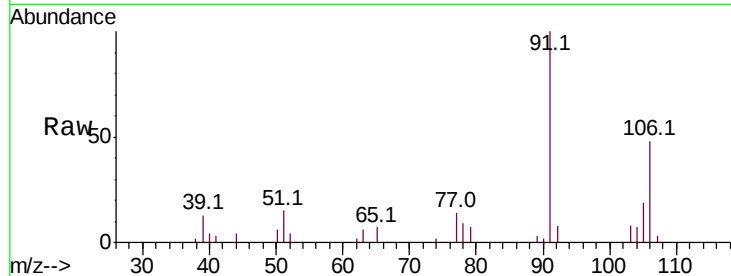




#69
o-Xylene
Concen: 2.428 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

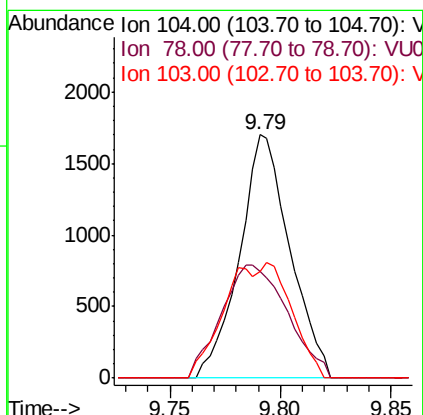
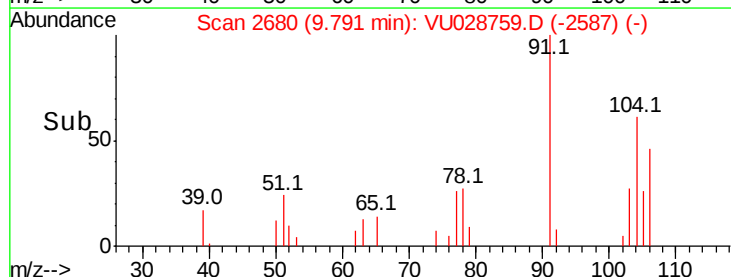
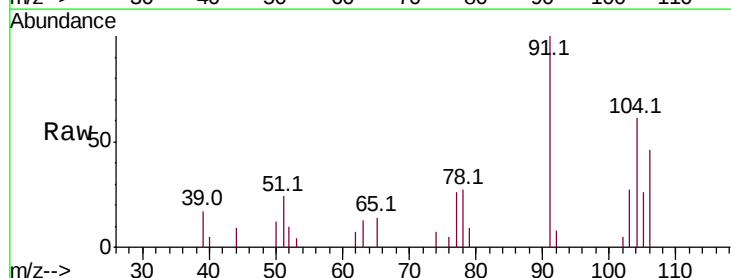
Instrument :
MSVOA_U
ClientSampleId :

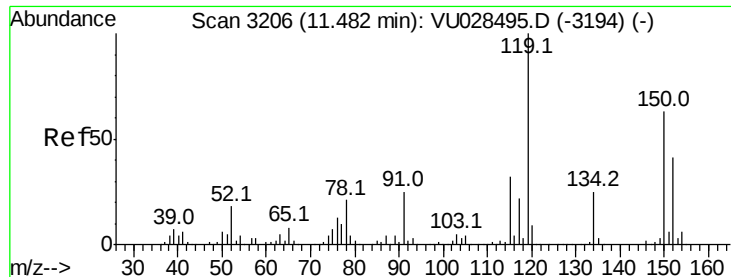
Tot Ion:106 Resp: 4281
Ion Ratio Lower Upper
106 100
91 217.9 111.3 334.0



#70
Styrene
Concen: 0.926 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028759.D
Acq: 18 Dec 2018 07:36

Tgt Ion:104 Resp: 2702
Ion Ratio Lower Upper
104 100
78 60.8 43.0 64.6
103 30.4 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

ClientSampleId :

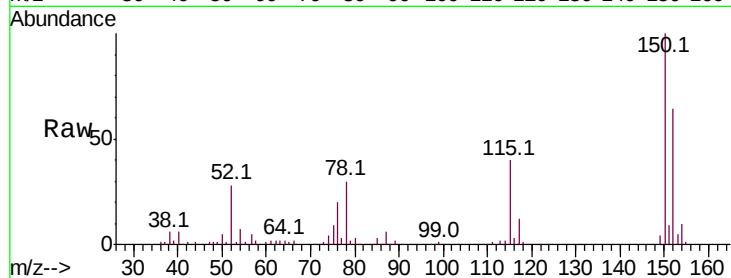
Tot Ion:152 Resp: 52110

Ion Ratio Lower Upper

152 100

115 60.4 42.7 128.1

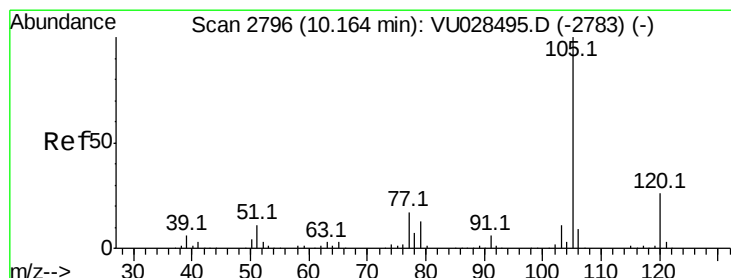
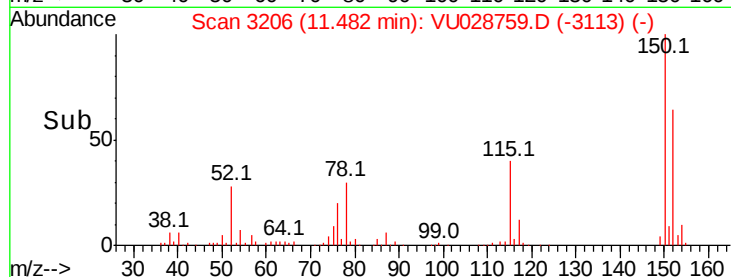
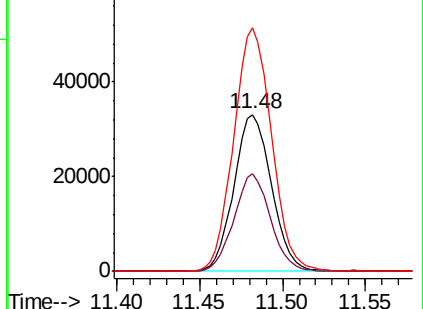
150 156.9 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.222 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028759.D

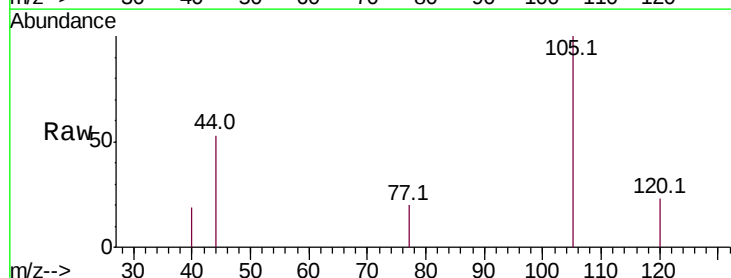
Acq: 18 Dec 2018 07:36

Tgt Ion:105 Resp: 888

Ion Ratio Lower Upper

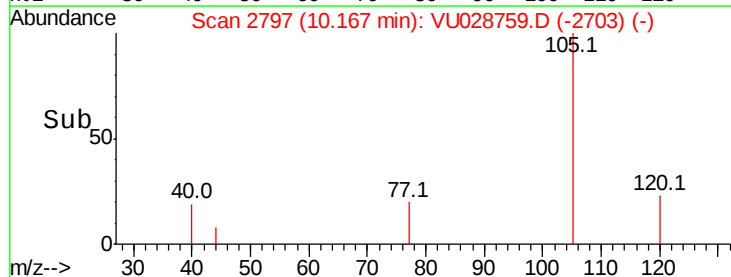
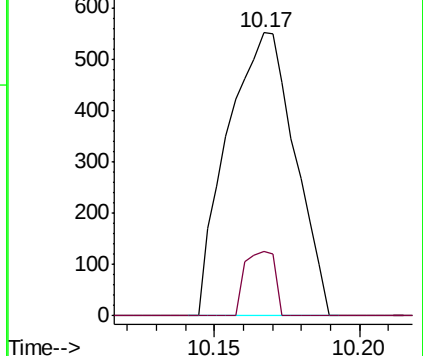
105 100

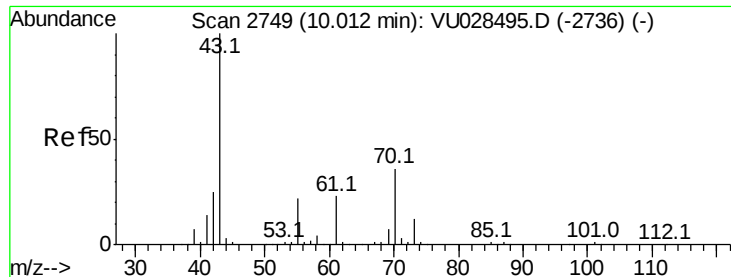
120 10.1 12.9 38.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.108 ug/l

RT: 9.92 min Scan# 2720

Delta R.T. -0.09 min

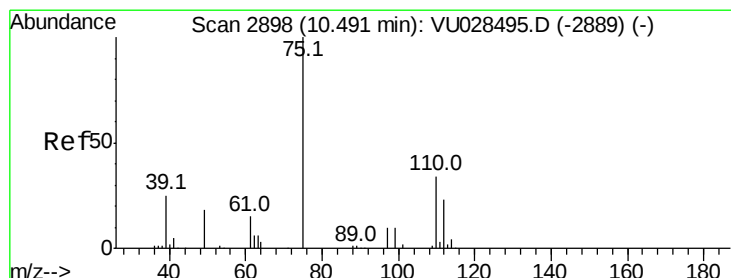
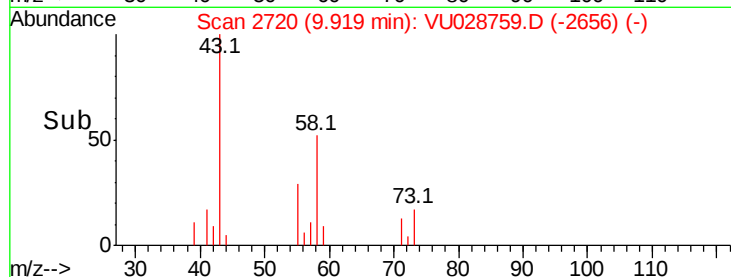
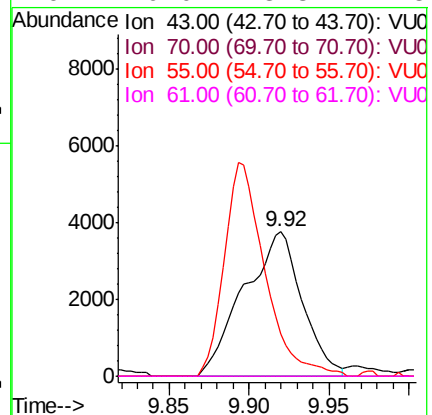
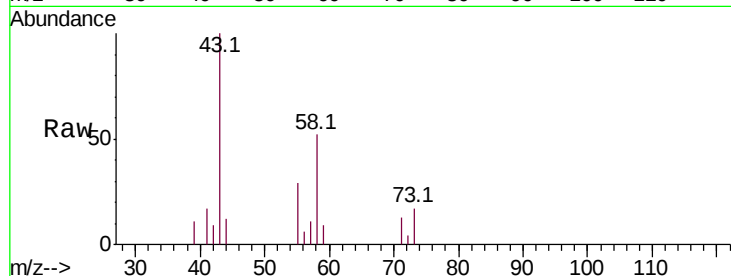
Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 9474

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.3	43.9#
55	0.0	18.0	27.0#
61	0.0	18.3	27.5#



#76

1,2,3-Trichloropropane

Concen: 23.728 ug/l

RT: 10.31 min Scan# 2840

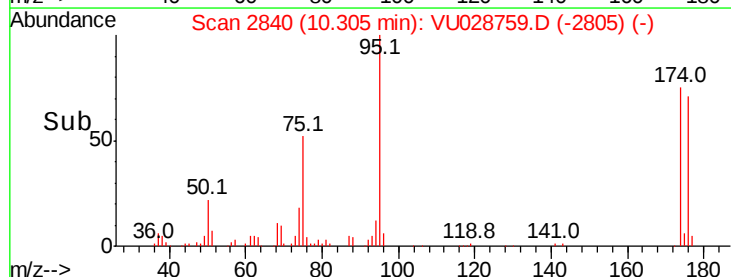
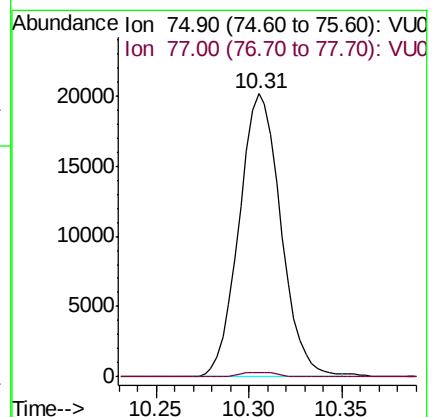
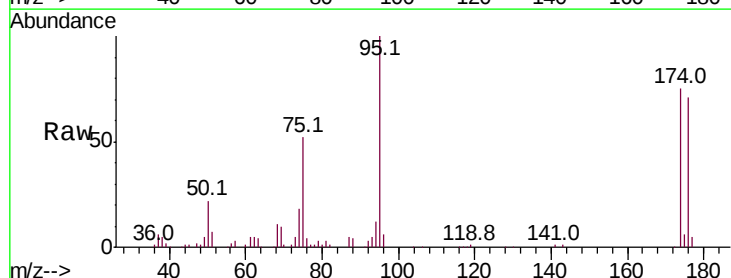
Delta R.T. -0.19 min

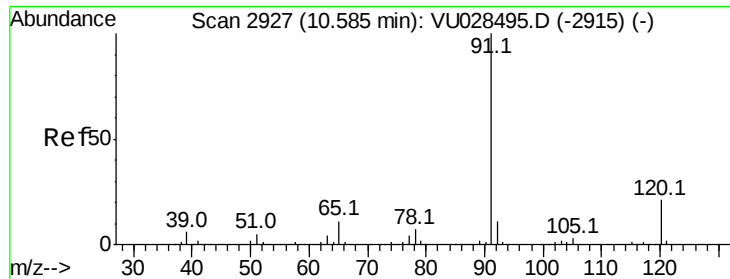
Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Tgt Ion: 75 Resp: 31574

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.4#





#78

n-propylbenzene

Concen: 0.712 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

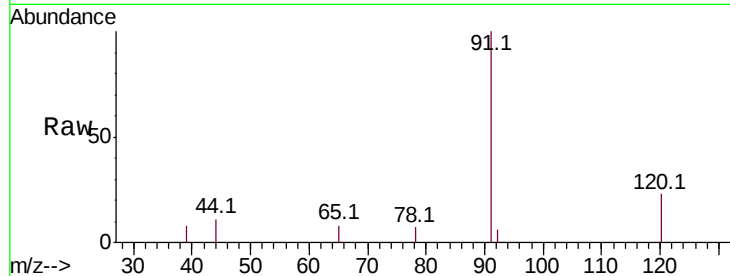
ClientSampleId :

Tot Ion: 91 Resp: 3536

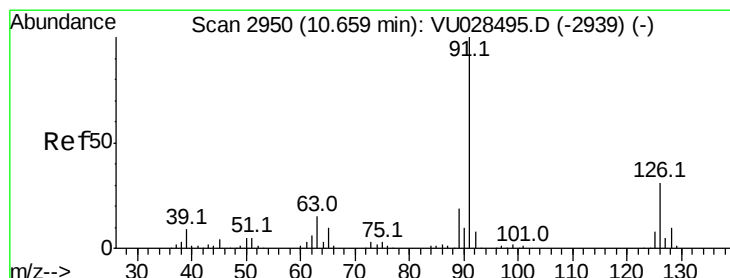
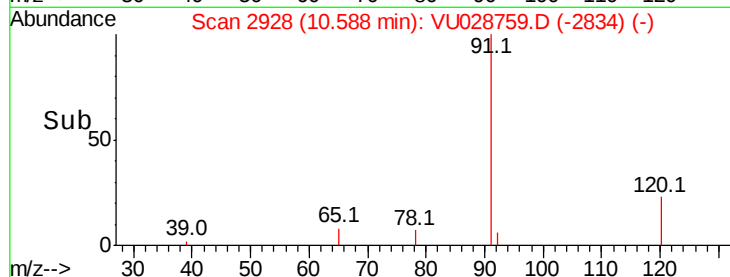
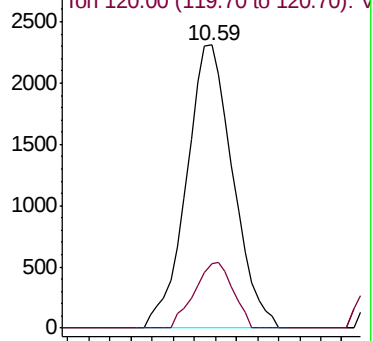
Ion Ratio Lower Upper

91 100

120 19.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2915) (-)



#79

2-Chlorotoluene

Concen: 0.597 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU028759.D

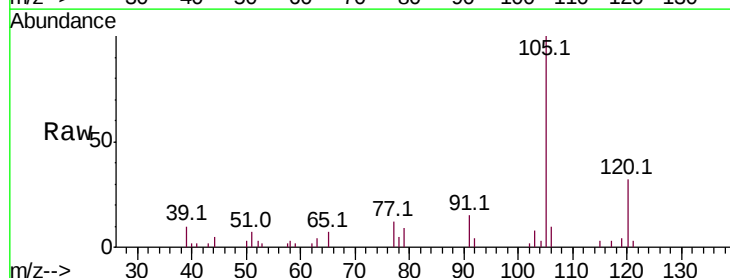
Acq: 18 Dec 2018 07:36

Tgt Ion: 91 Resp: 1710

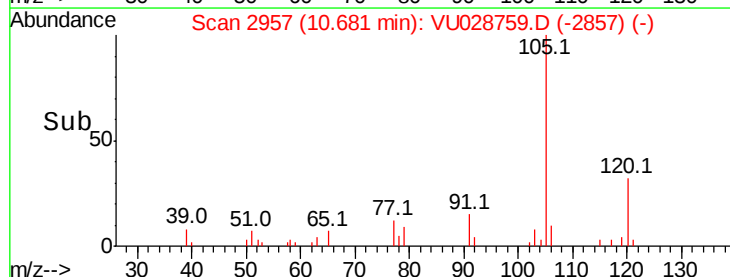
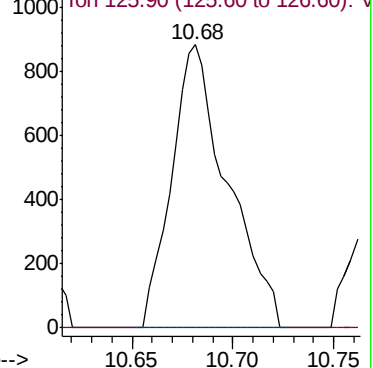
Ion Ratio Lower Upper

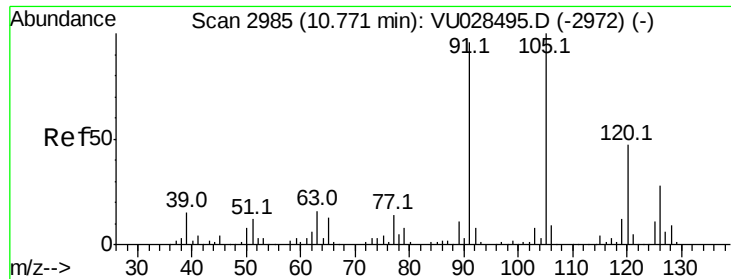
91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2939) (-)





#80

1,3,5-Trimethylbenzene

Concen: 1.630 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

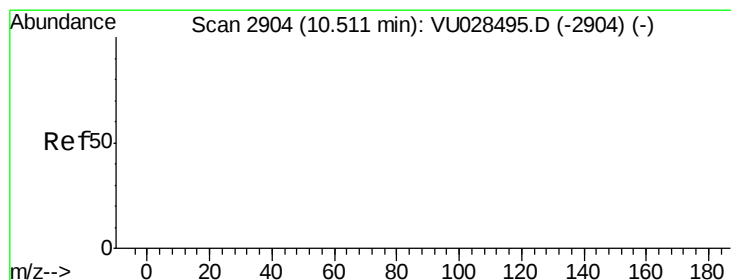
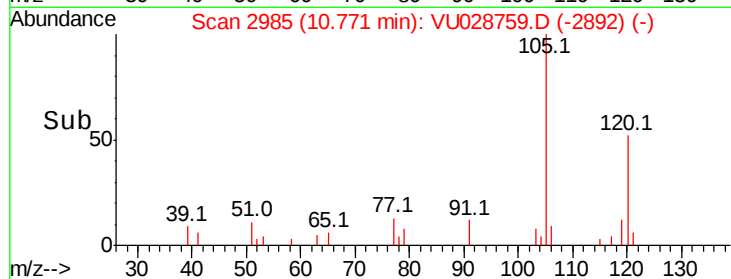
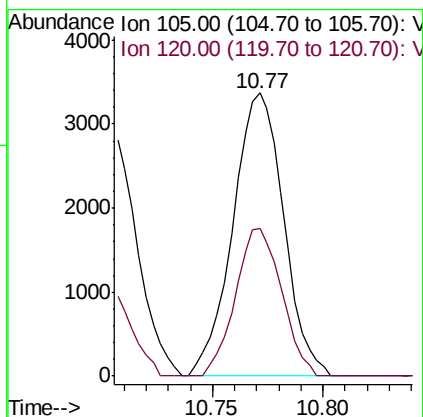
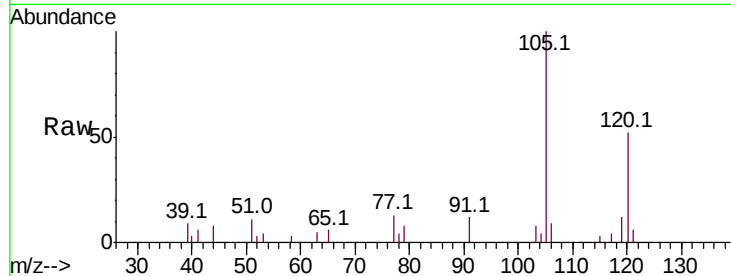
ClientSampled :

Tot Ion:105 Resp: 5394

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 58.253 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

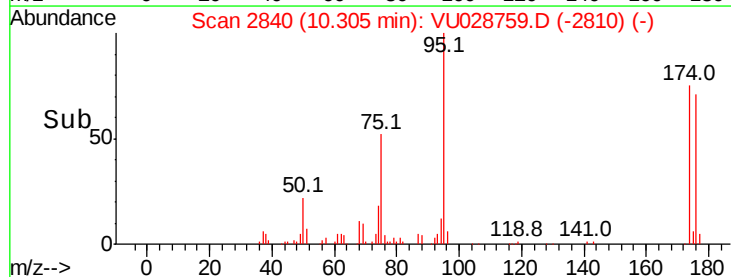
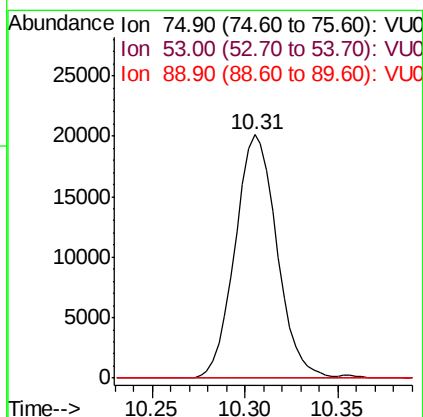
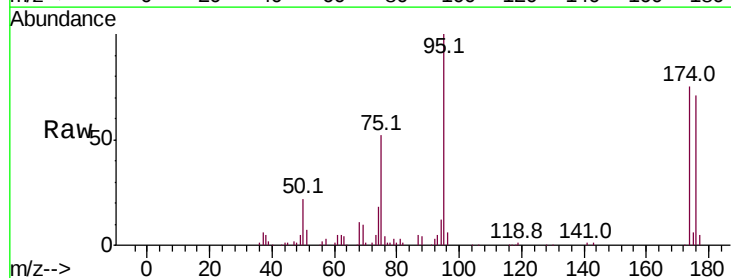
Tgt Ion: 75 Resp: 31574

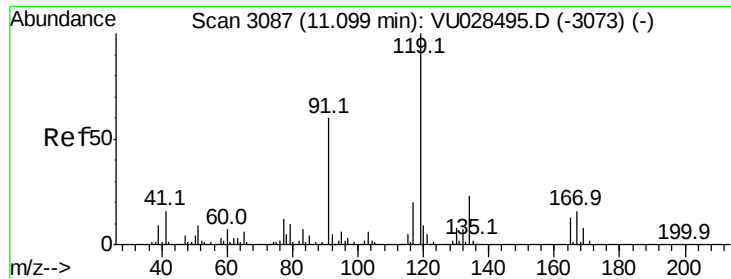
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

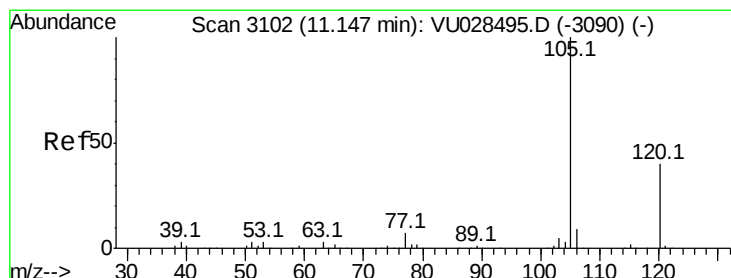
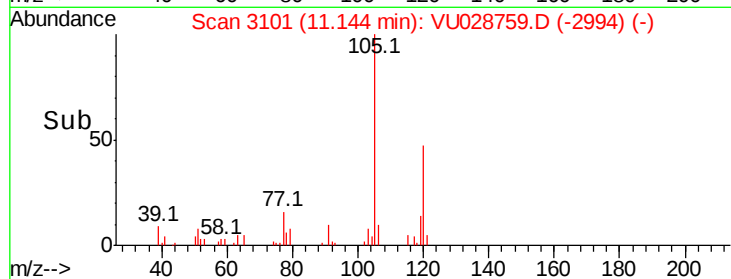
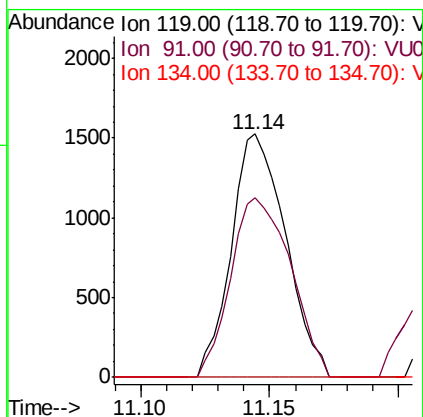
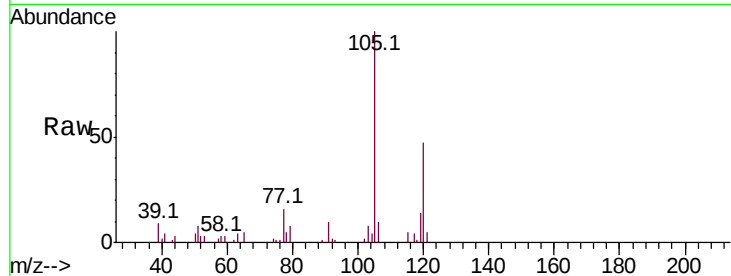




#83
 tert-Butylbenzene
 Concen: 0.702 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. 0.05 min
 Lab File: VU028759.D
 Acq: 18 Dec 2018 07:36

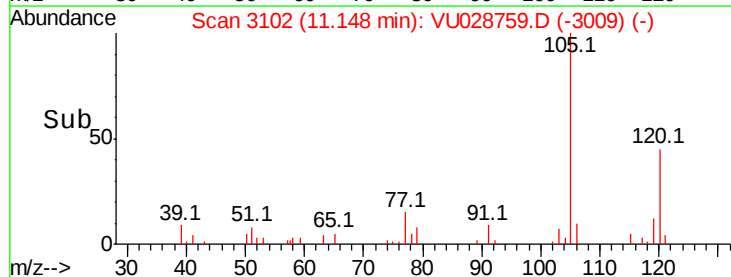
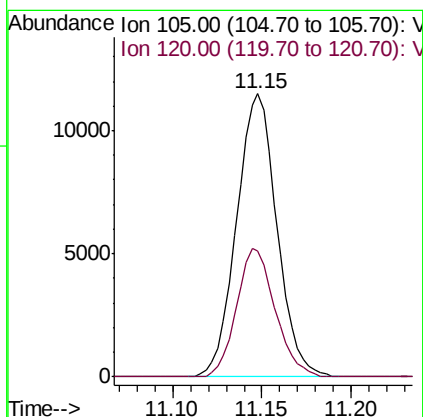
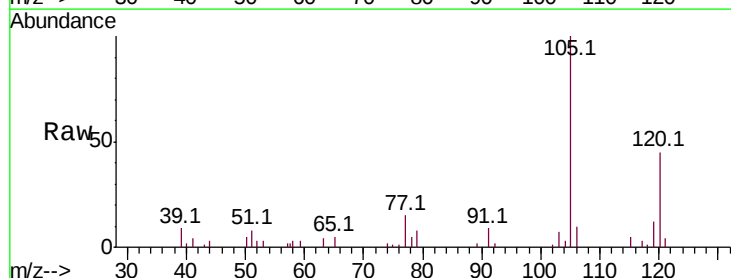
Instrument :
 MSVOA_U
 ClientSampleId :

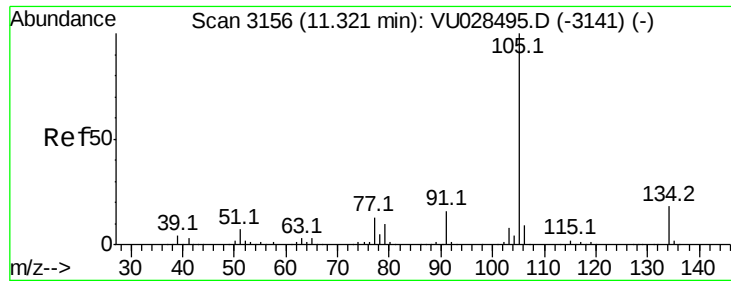
Tot Ion:119 Resp: 2239
 Ion Ratio Lower Upper
 119 100
 91 81.7 30.3 91.0
 134 0.0 11.2 33.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.320 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028759.D
 Acq: 18 Dec 2018 07:36

Tgt Ion:105 Resp: 18148
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 4.428 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

Instrument :

MSVOA_U

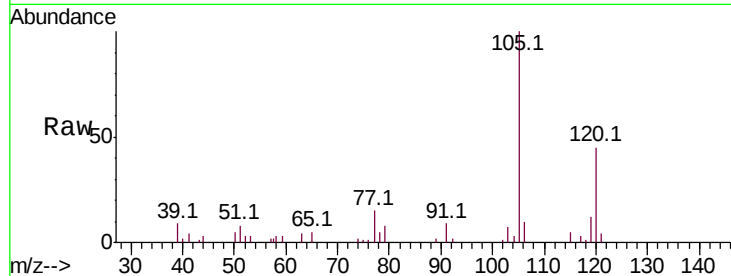
ClientSampleId :

Tot Ion:105 Resp: 18148

Ion Ratio Lower Upper

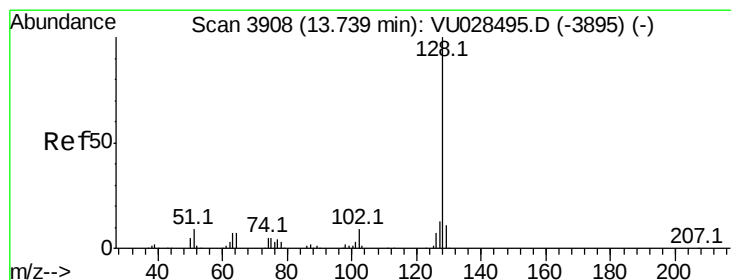
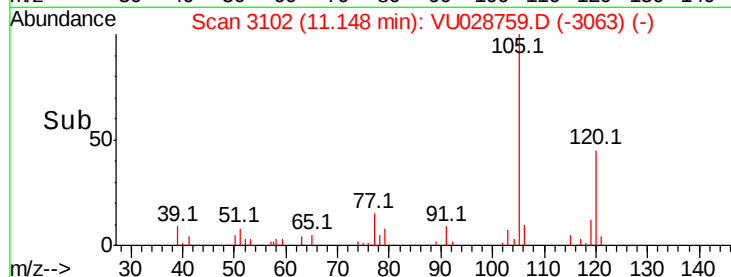
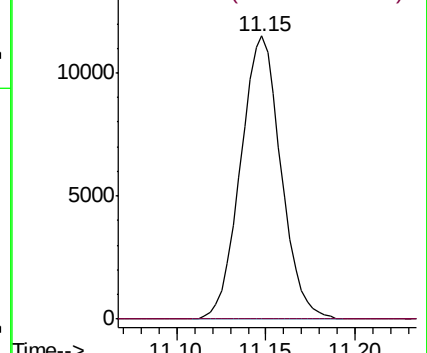
105 100

134 0.0 9.2 27.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.357 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028759.D

Acq: 18 Dec 2018 07:36

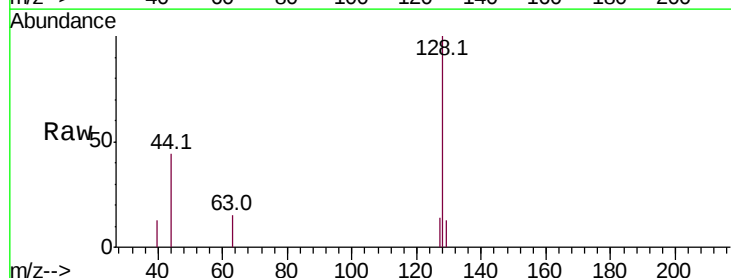
Tgt Ion:128 Resp: 1513

Ion Ratio Lower Upper

128 100

127 4.5 10.4 15.6#

129 2.8 8.6 13.0#



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

