

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028748.D
 Acq On : 18 Dec 2018 03:11
 Operator : MD/SY
 Sample : J6411-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 07:39:03 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	80829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	141411	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	61484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	64558	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	4.88	113	48005	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	7.57	98	186043	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	10.30	95	69343	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1596	0.801	ug/l #	78
11) Tert butyl alcohol	2.83	59	8219	29.907	ug/l #	94
14) Allyl chloride	2.83	41	1853	0.870	ug/l #	70
16) Acetone	2.32	43	17666	21.948	ug/l	100
17) Carbon Disulfide	2.48	76	1993	0.615	ug/l	100
18) Methyl Acetate	2.62	43	1498	0.718	ug/l #	56
25) 2-Butanone	4.27	43	11699	10.635	ug/l	96
27) cis-1,2-Dichloroethene	4.22	96	336	0.293	ug/l	91
31) Cyclohexane	4.99	56	4303	0.858	ug/l #	68
36) 1,1-Dichloropropene	4.98	75	7009	4.529	ug/l #	49
37) Ethyl Acetate	4.27	43	11699	5.848	ug/l #	70
38) Carbon Tetrachloride	4.98	117	7660	6.142	ug/l #	16
39) Methylcyclohexane	6.41	83	8007	4.241	ug/l	96
40) Benzene	5.39	78	924	0.203	ug/l #	78
43) Isopropyl Acetate	5.79	43	6318	1.997	ug/l #	62
48) Methyl methacrylate	6.65	41	340	0.216	ug/l #	63
51) 4-Methyl-2-Pentanone	7.47	43	2720	1.363	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	5619	5.300	ug/l #	18
56) Ethyl methacrylate	8.05	69	1518	0.836	ug/l #	1
59) 2-Hexanone	8.33	43	9578	6.055	ug/l #	28
60) Dibromochloromethane	8.23	129	631	0.608	ug/l #	10
64) Tetrachloroethene	8.23	164	713	0.815	ug/l #	89
65) Chlorobenzene	9.25	112	765	0.274	ug/l #	43
67) Ethyl Benzene	9.25	91	239817	46.675	ug/l	98
68) m/p-Xylenes	9.38	106	187229	100.144	ug/l	95
69) o-Xylene	9.78	106	14244	7.840	ug/l	97
70) Styrene	9.78	104	758	0.252	ug/l #	1
73) Isopropylbenzene	10.17	105	800447	169.662	ug/l	100
74) N-amyl acetate	10.04	43	36462	13.398	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	20911	11.538	ug/l #	37
76) 1,2,3-Trichloropropane	10.59	75	11328	7.215	ug/l #	1
78) n-propylbenzene	10.59	91	1881971	321.023	ug/l	99
79) 2-Chlorotoluene	10.59	91	1881971	557.309	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	590064	151.092	ug/l	100

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Instrument :
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 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

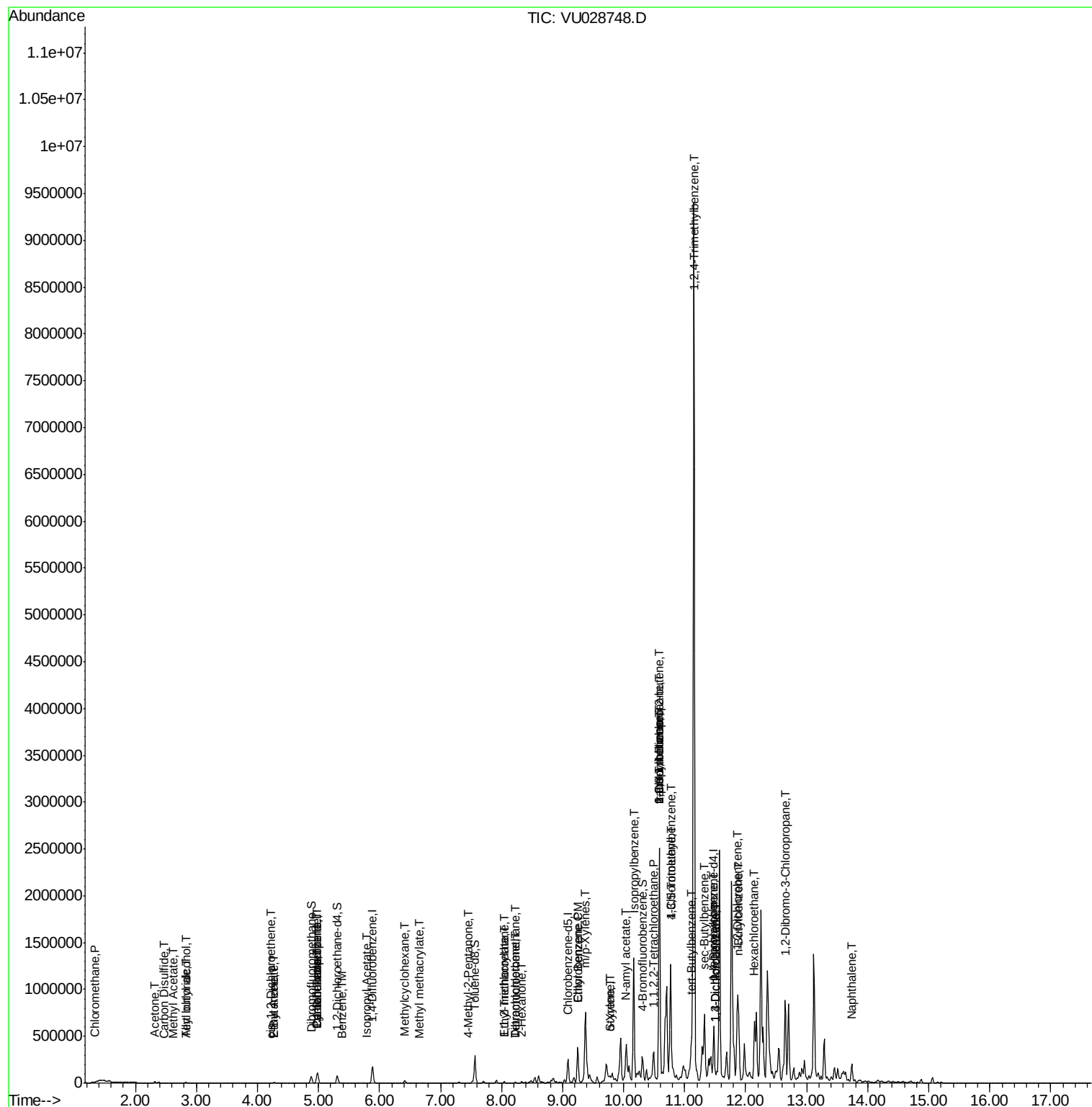
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.59	75	11328	18.078	ug/l #	100
82) 4-Chlorotoluene	10.77	91	64539	16.128	ug/l #	47
83) tert-Butylbenzene	11.10	119	77299	20.535	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	4782808	1188.346	ug/l	99
85) sec-Butylbenzene	11.32	105	400301	82.779	ug/l	99
86) p-Isopropyltoluene	11.48	119	177969	43.324	ug/l	99
87) 1,3-Dichlorobenzene	11.51	146	1288	0.618	ug/l #	1
88) 1,4-Dichlorobenzene	11.51	146	1288	0.598	ug/l #	1
89) n-Butylbenzene	11.89	91	313920	75.511	ug/l #	65
90) Hexachloroethane	12.14	117	30973	49.885	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	459	0.220	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.65	75	4195	10.691	ug/l #	6
95) Naphthalene	13.74	128	132672	26.529	ug/l	99

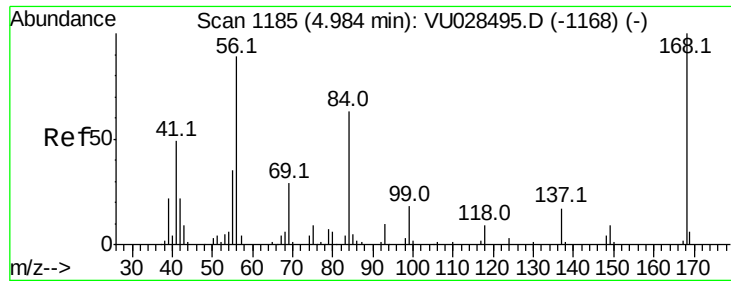
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

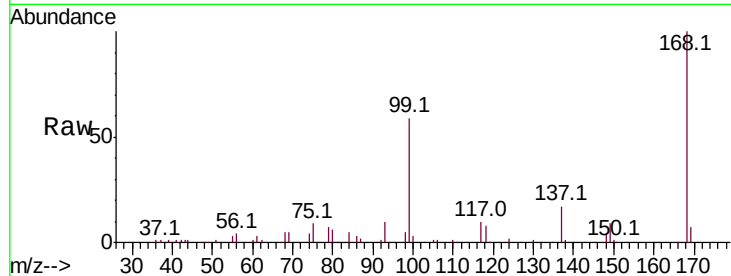
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 80829

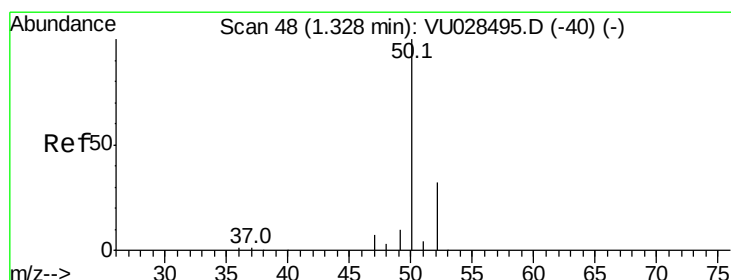
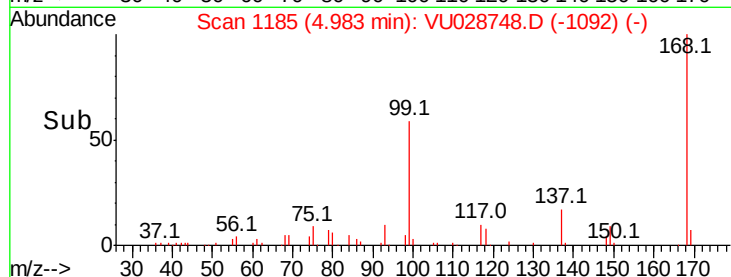
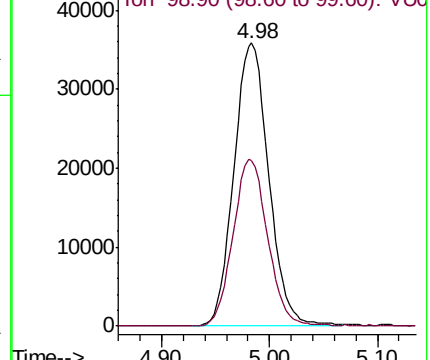
Ion Ratio Lower Upper

168 100

99 58.5 46.6 69.8



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



#3

Chloromethane

Concen: 0.801 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028748.D

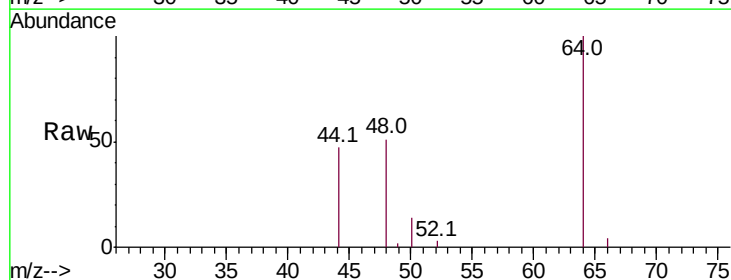
Acq: 18 Dec 2018 03:11

Tgt Ion: 50 Resp: 1596

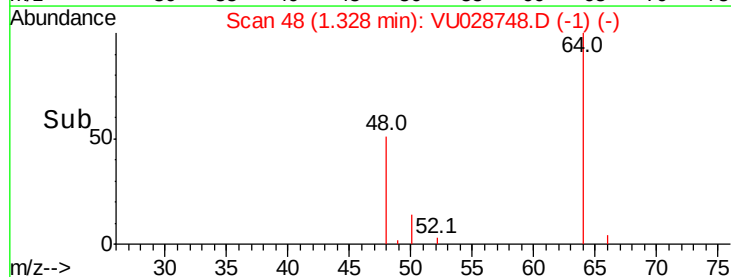
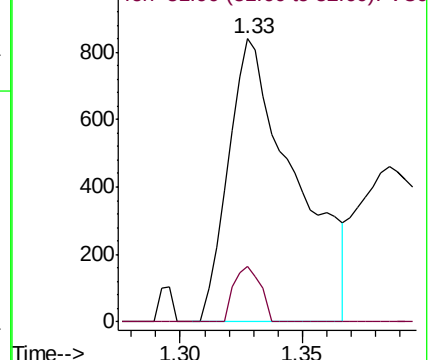
Ion Ratio Lower Upper

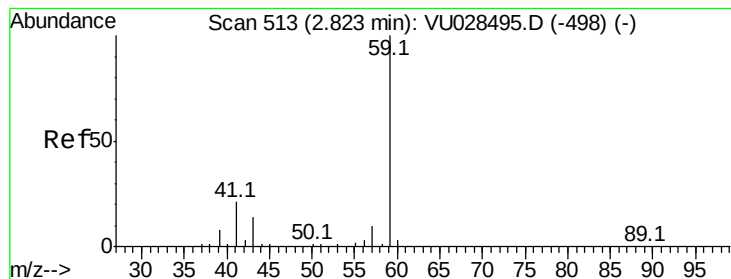
50 100

52 19.5 25.5 38.3#



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



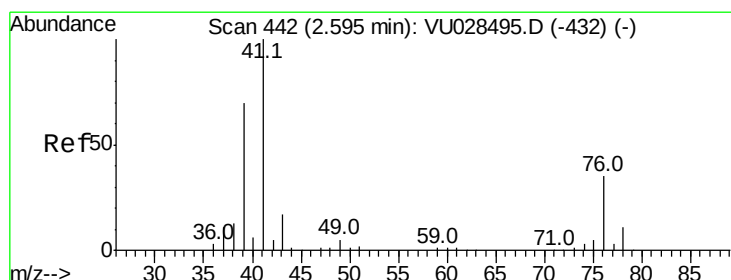
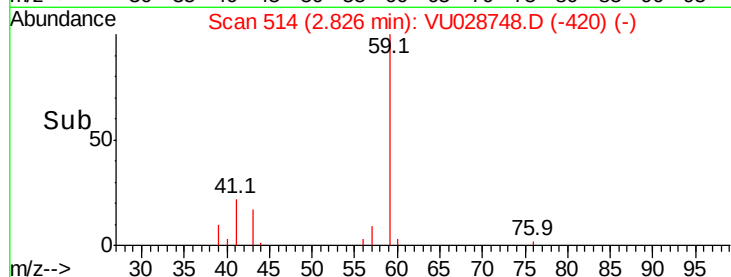
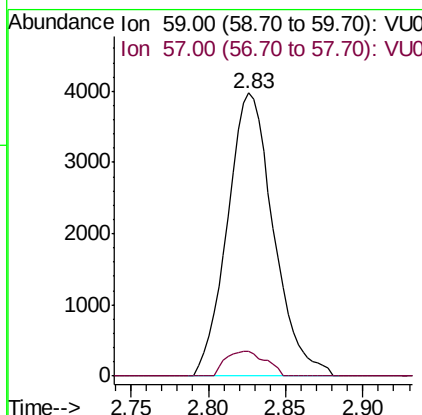
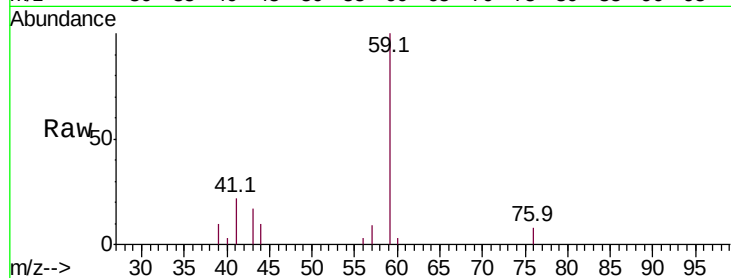


#11

Tert butyl alcohol
 Concen: 29.907 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Instrument :
 MSVOA_U
 ClientSampleId :

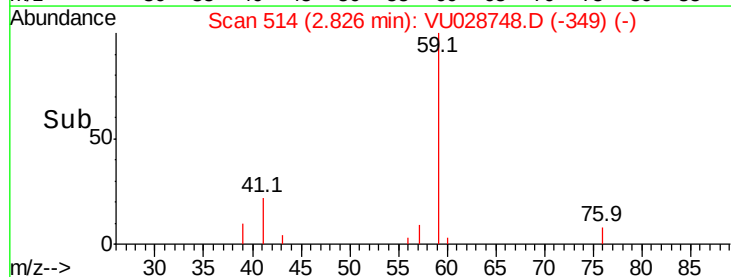
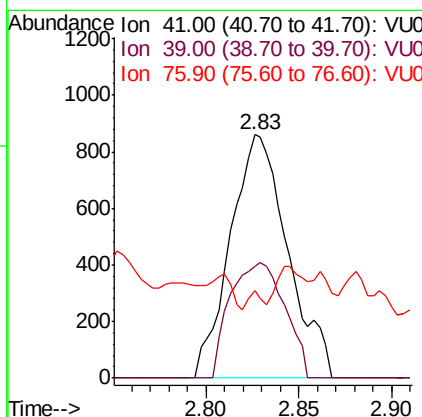
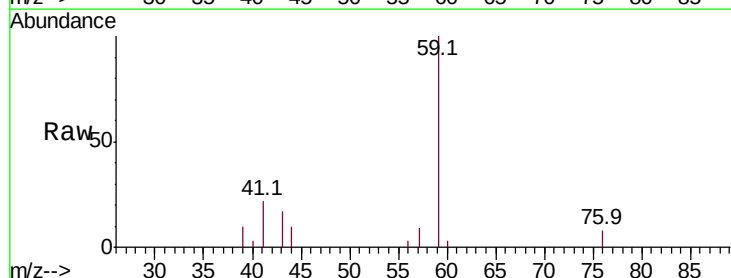
Tot Ion: 59 Resp: 8219
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.0 12.0#

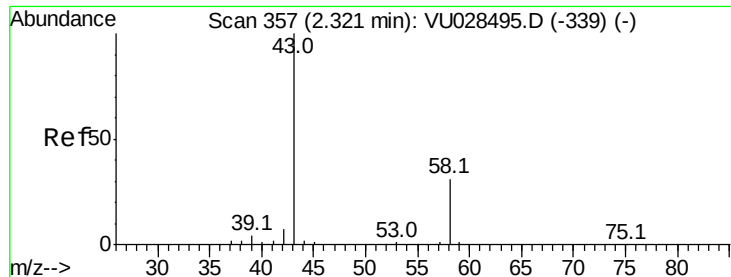


#14

Allyl chloride
 Concen: 0.870 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.23 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion: 41 Resp: 1853
 Ion Ratio Lower Upper
 41 100
 39 45.3 50.8 76.2#
 76 7.1 24.8 37.2#





#16

Acetone

Concen: 21.948 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

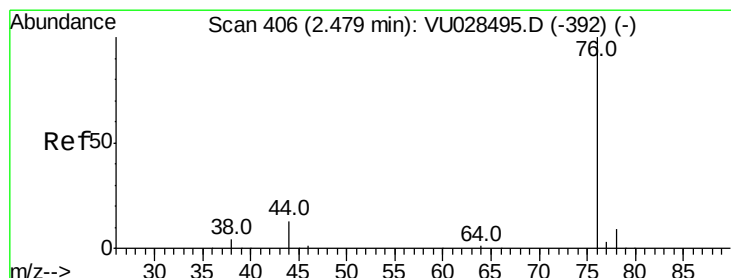
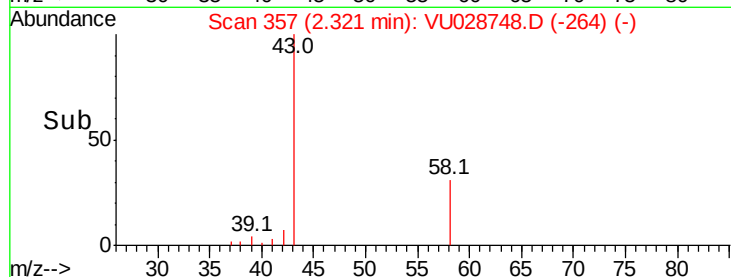
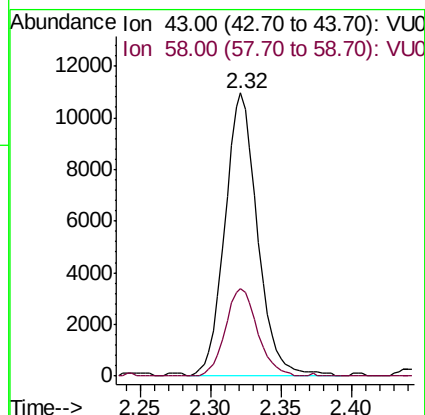
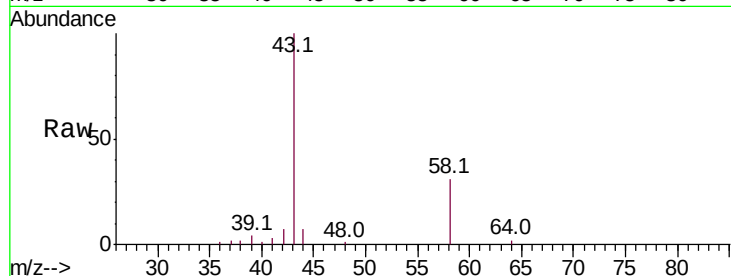
ClientSampleId :

Tot Ion: 43 Resp: 17666

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0



#17

Carbon Disulfide

Concen: 0.615 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028748.D

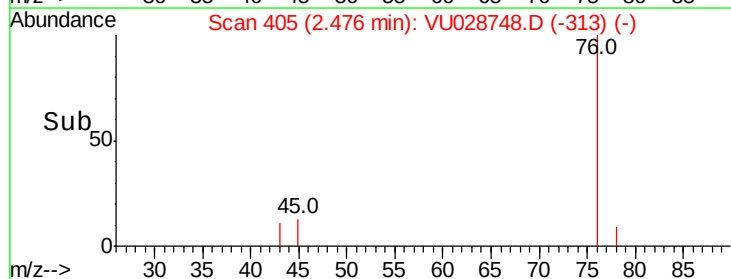
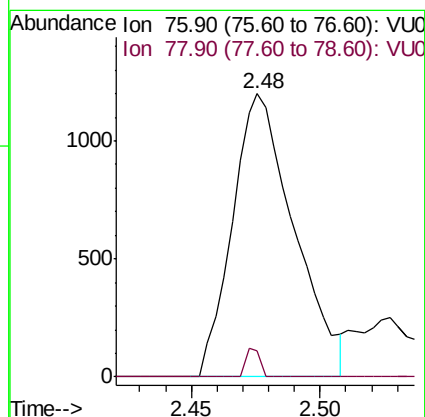
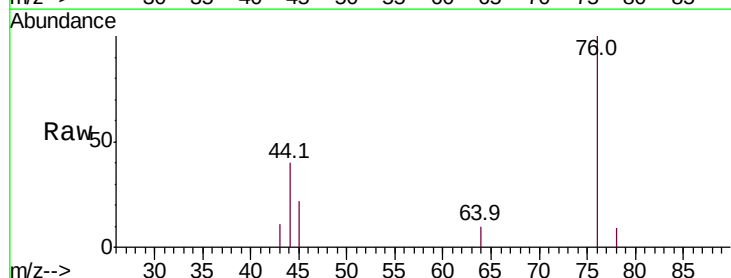
Acq: 18 Dec 2018 03:11

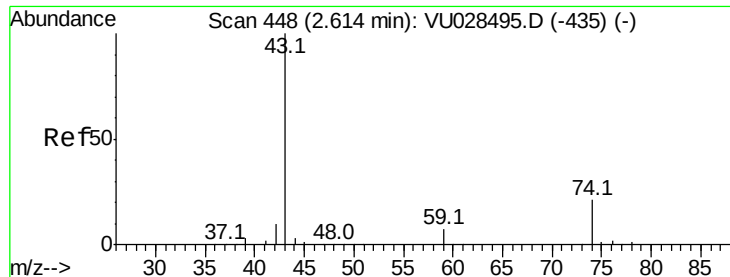
Tgt Ion: 76 Resp: 1993

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

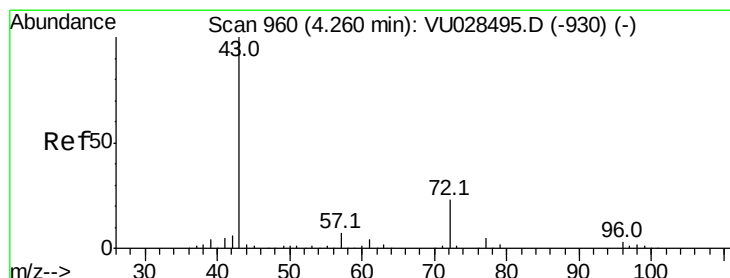
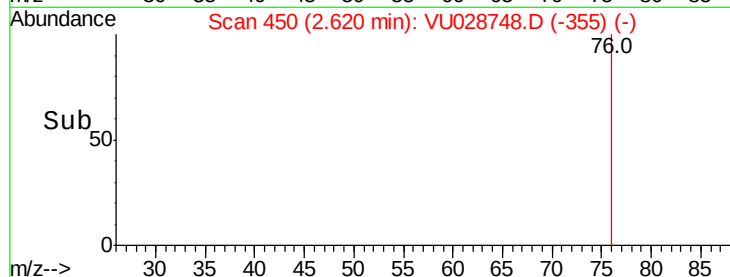
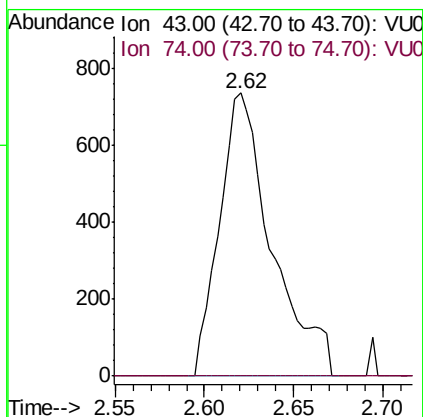
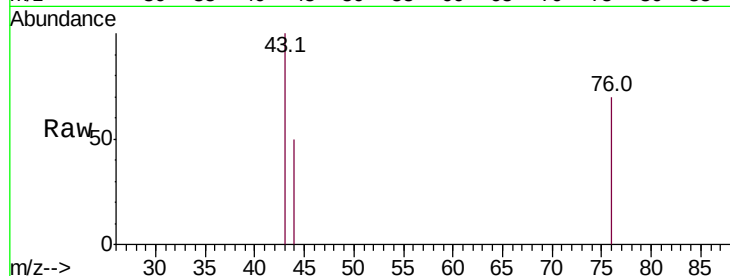




#18
Methyl Acetate
Concen: 0.718 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

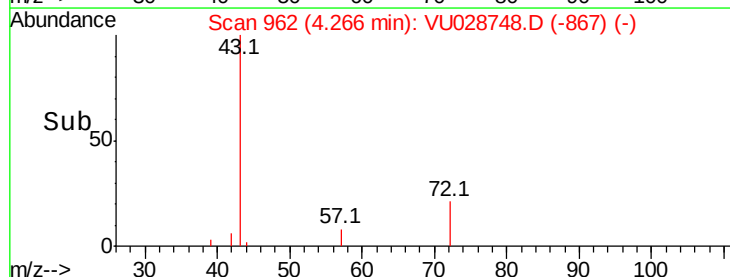
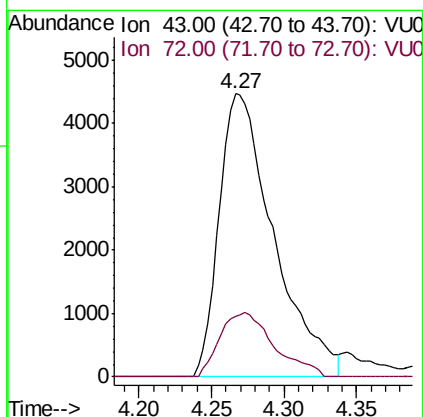
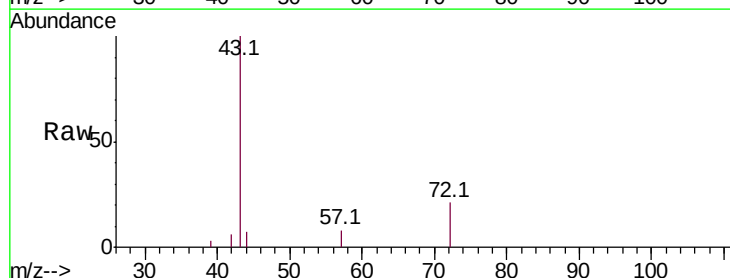
Instrument :
MSVOA_U
ClientSampleId :

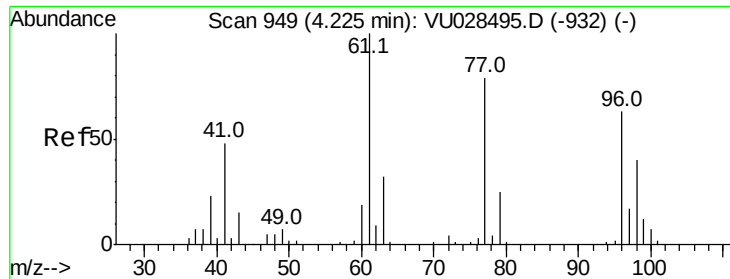
Tot Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#25
2-Butanone
Concen: 10.635 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
72 21.4 18.6 28.0



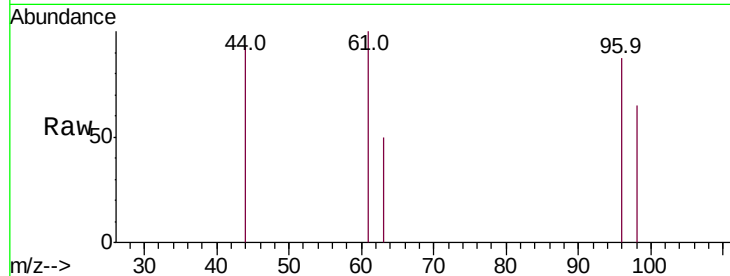


#27

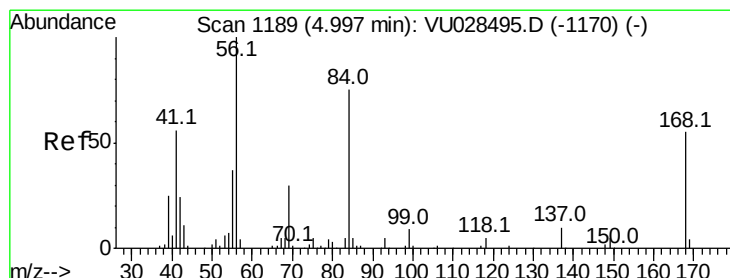
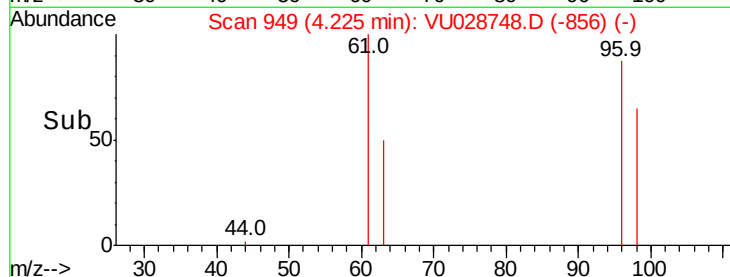
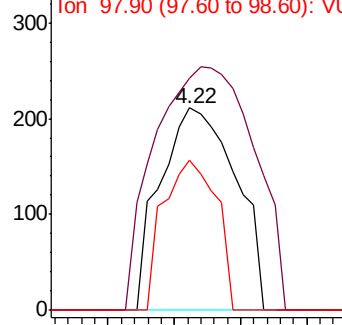
cis-1,2-Dichloroethene
 Concen: 0.293 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 336
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 332.4
 98 51.8 0.0 129.0



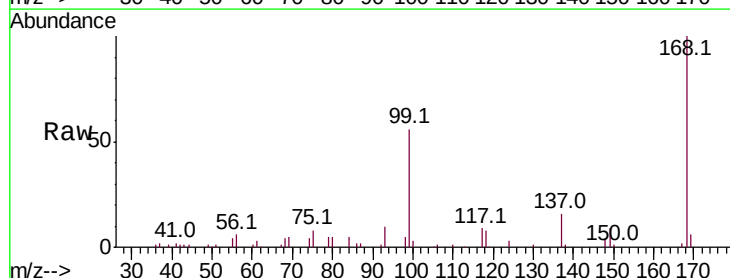
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



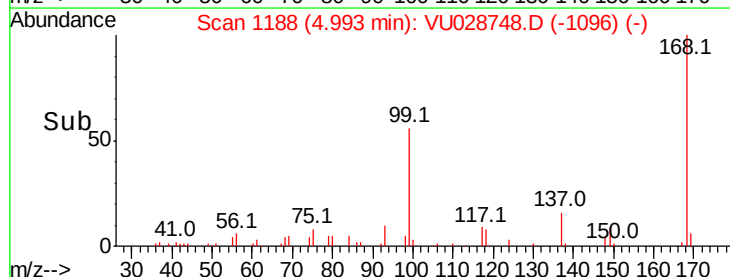
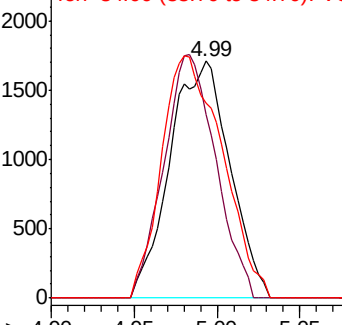
#31

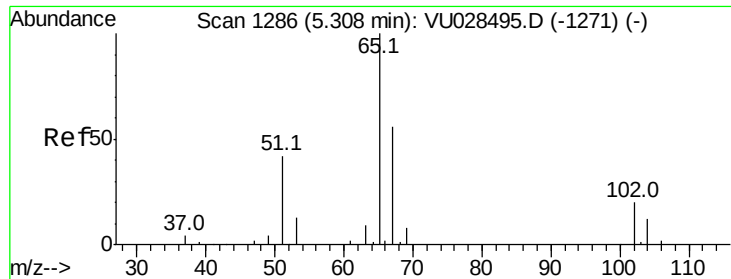
Cyclohexane
 Concen: 0.858 ug/l
 RT: 4.99 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion: 56 Resp: 4303
 Ion Ratio Lower Upper
 56 100
 69 77.6 24.0 36.0#
 84 82.5 59.7 89.5



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

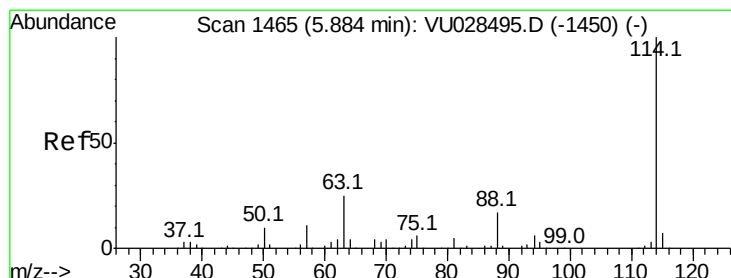
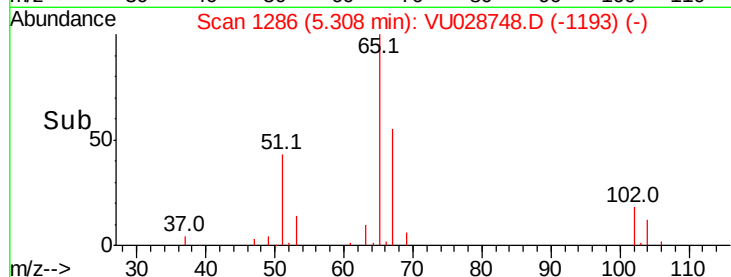
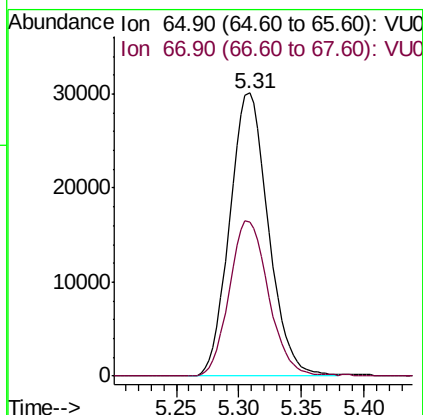
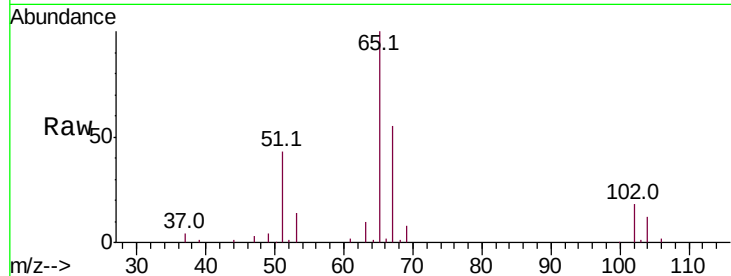




#33
 1,2-Dichloroethane-d4
 Concen: 52.337 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

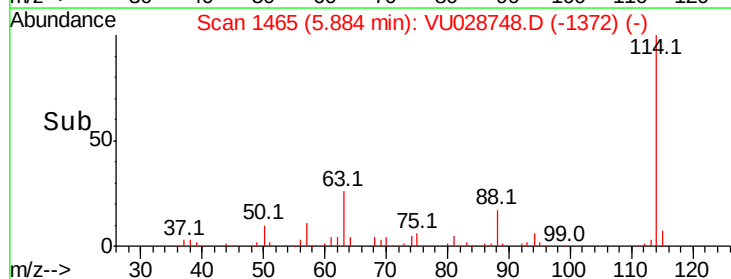
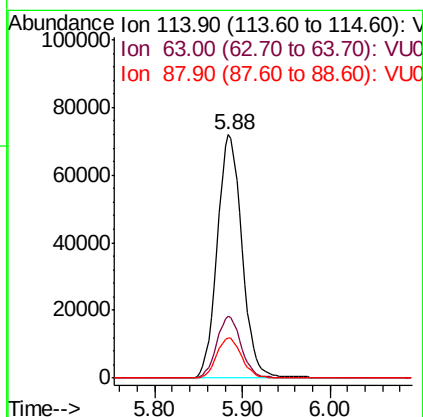
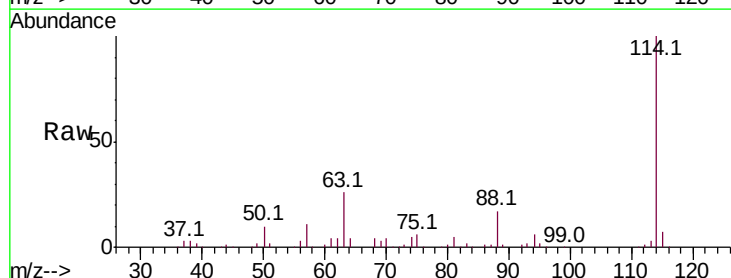
Instrument :
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 ClientSampleId :

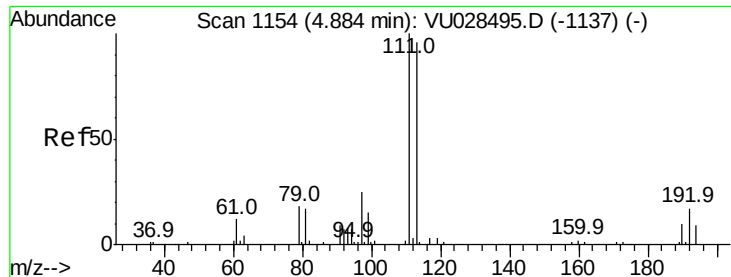
Tot Ion: 65 Resp: 64558
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion:114 Resp: 141411
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 16.6 0.0 33.4

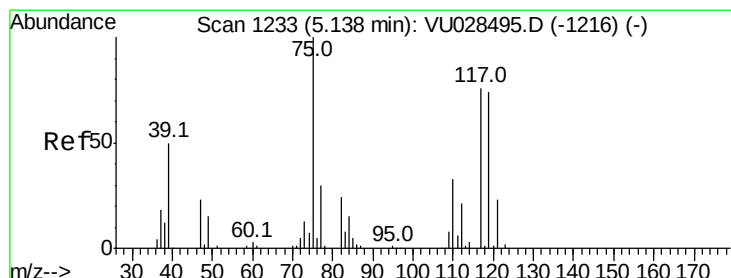
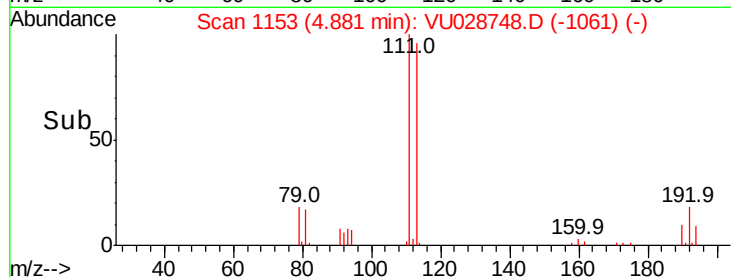
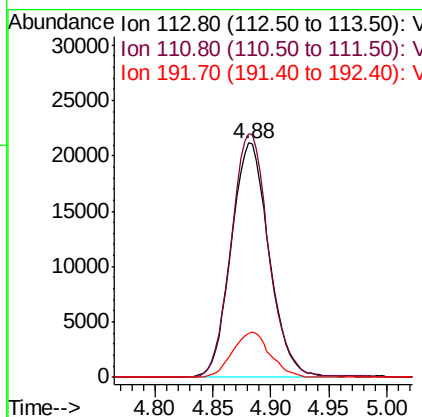
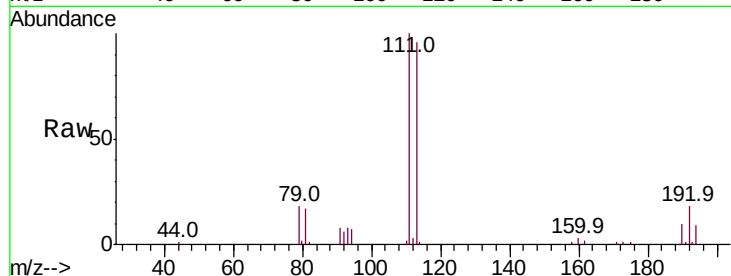




#35
 Dibromofluoromethane
 Concen: 53.944 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

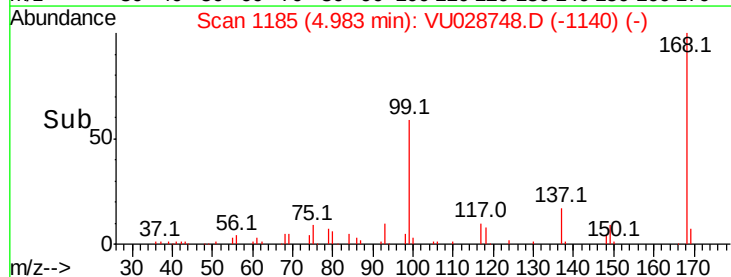
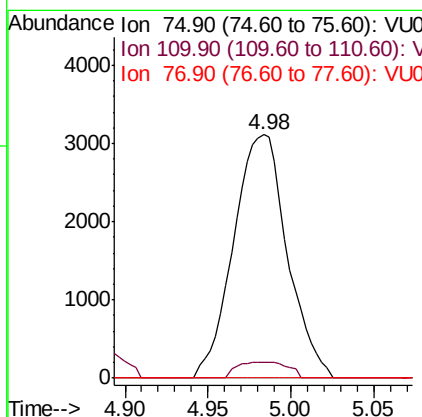
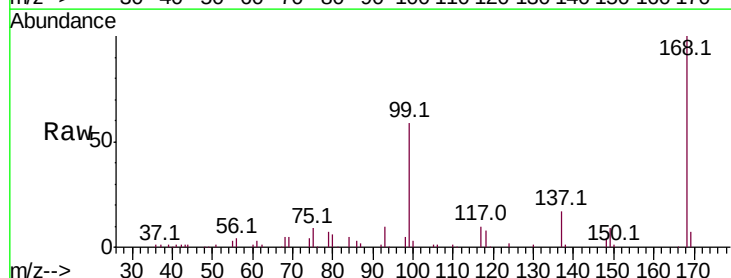
Instrument :
 MSVOA_U
 ClientSampleId :

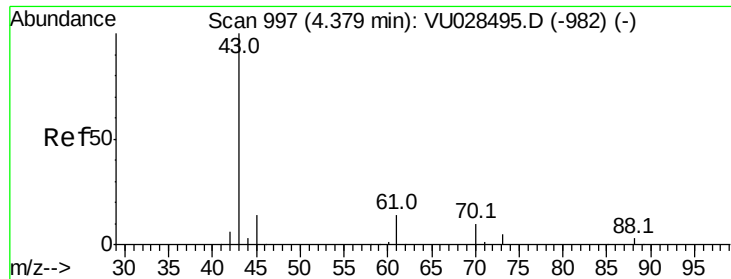
Tot Ion:113 Resp: 48005
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.0
 192 19.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.529 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion: 75 Resp: 7009
 Ion Ratio Lower Upper
 75 100
 110 6.1 16.1 48.2#
 77 0.0 24.5 36.7#

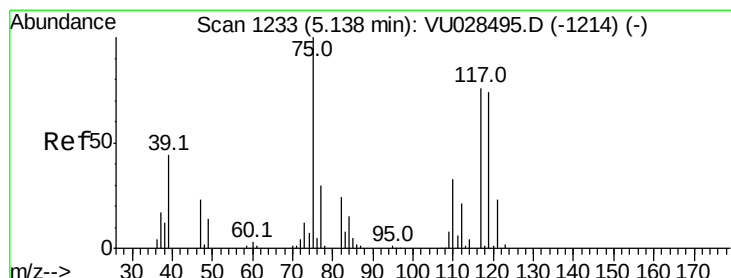
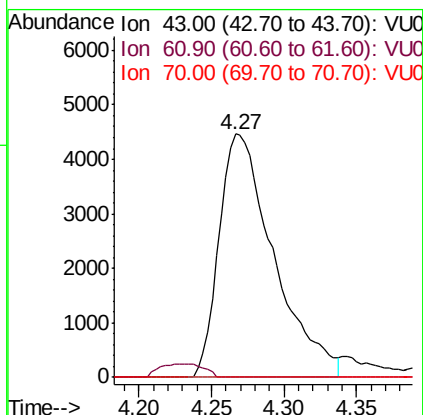
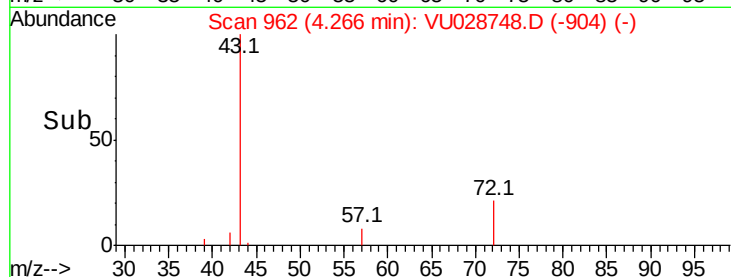
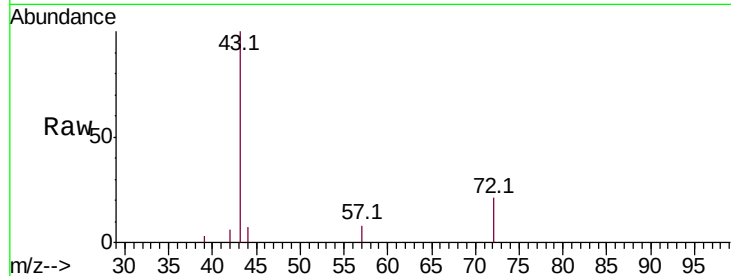




#37
Ethyl Acetate
Concen: 5.848 ug/l
RT: 4.27 min Scan# 962
Delta R.T. -0.11 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

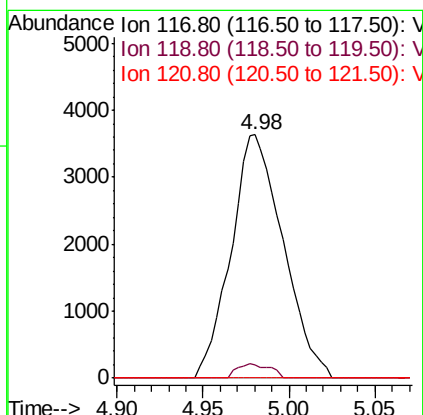
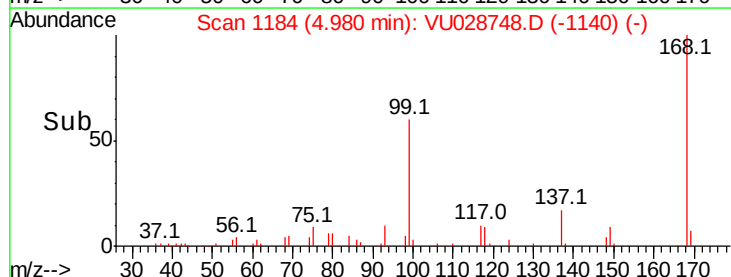
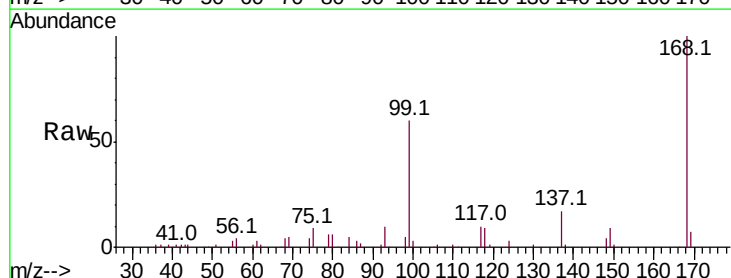
Instrument :
MSVOA_U
ClientSampleId :

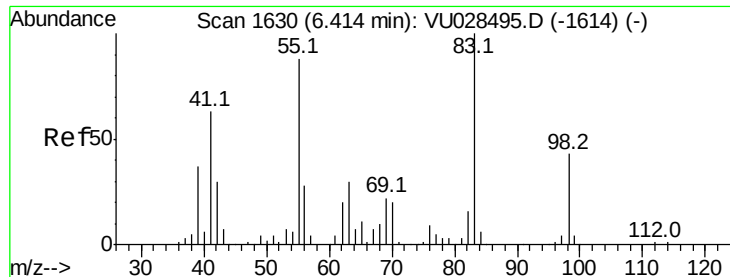
Tot Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 117 Resp: 7660
Ion Ratio Lower Upper
117 100
119 5.3 77.6 116.4#
121 0.0 24.6 36.8#





#39

Methylvlcyclohexane

Concen: 4.241 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

ClientSampled :

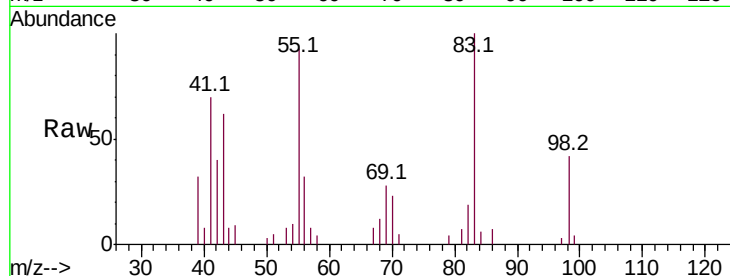
Tot Ion: 83 Resp: 8007

Ion Ratio Lower Upper

83 100

55 93.0 70.2 105.2

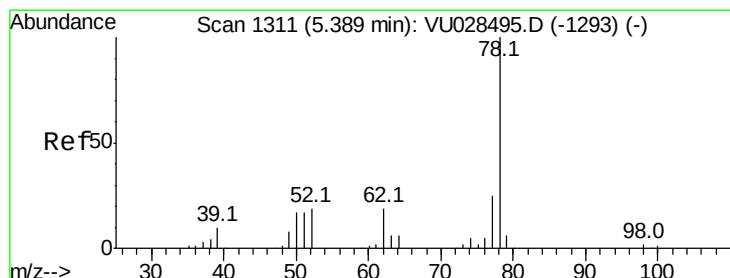
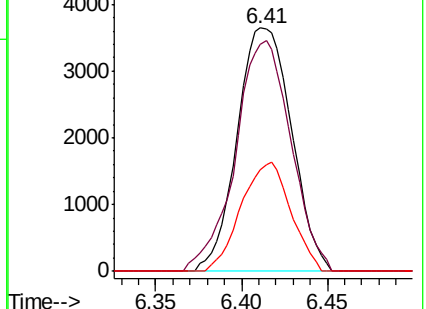
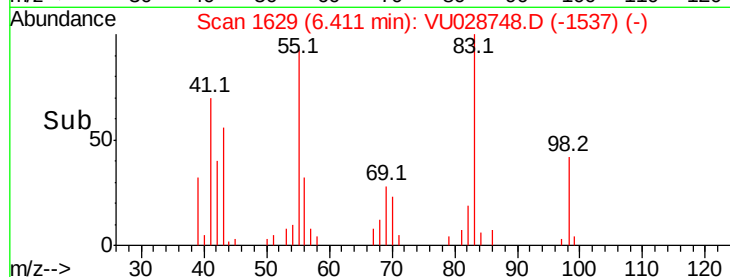
98 41.8 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 0.203 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028748.D

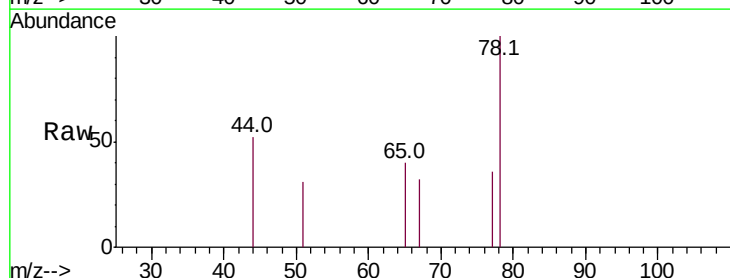
Acq: 18 Dec 2018 03:11

Tgt Ion: 78 Resp: 924

Ion Ratio Lower Upper

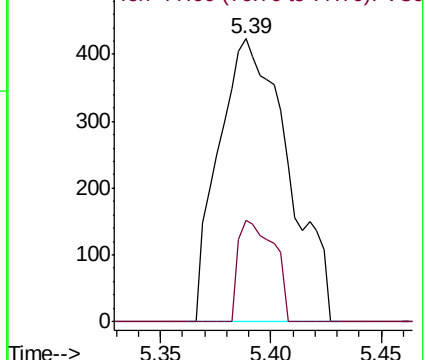
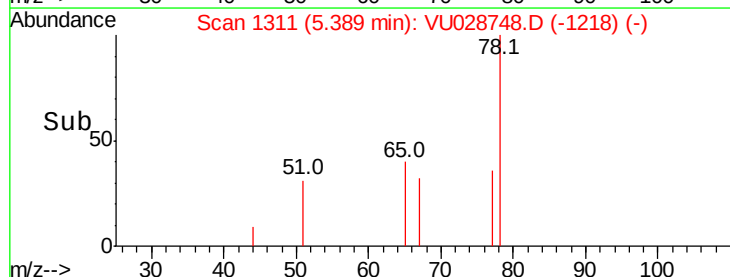
78 100

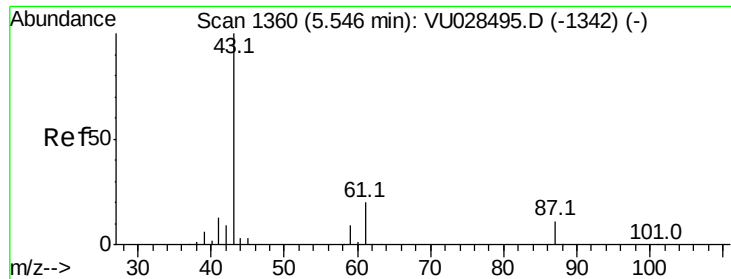
77 35.7 19.9 29.9#



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 1.997 ug/l

RT: 5.79 min Scan# 1435

Delta R.T. 0.24 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

ClientSampleId :

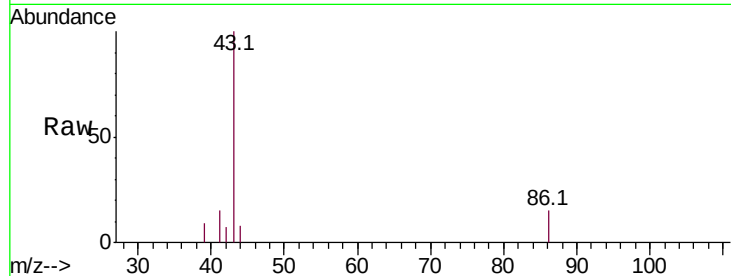
Tot Ion: 43 Resp: 6318

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

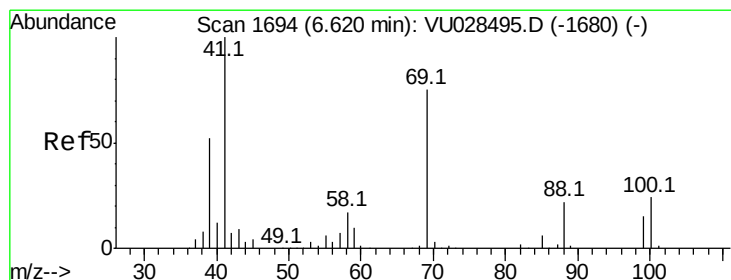
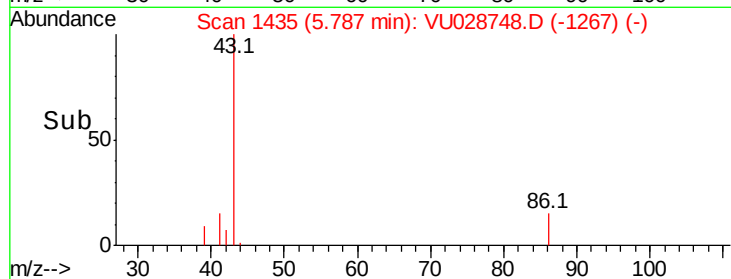
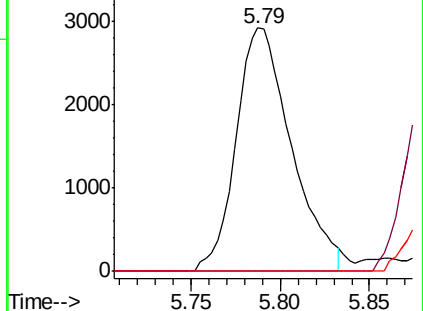
87 0.0 8.7 13.1#



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



#48

Methyl methacrylate

Concen: 0.216 ug/l

RT: 6.65 min Scan# 1703

Delta R.T. 0.03 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

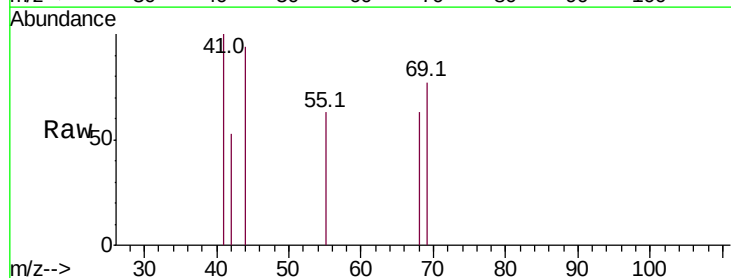
Tgt Ion: 41 Resp: 340

Ion Ratio Lower Upper

41 100

69 85.3 60.4 90.6

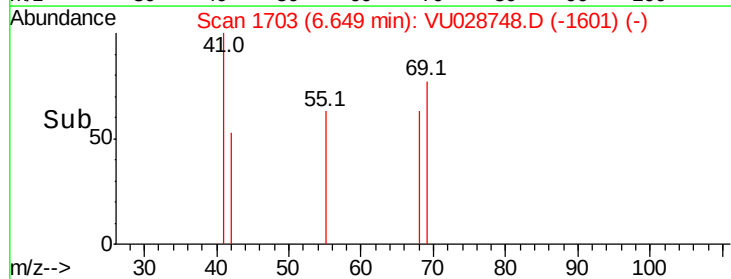
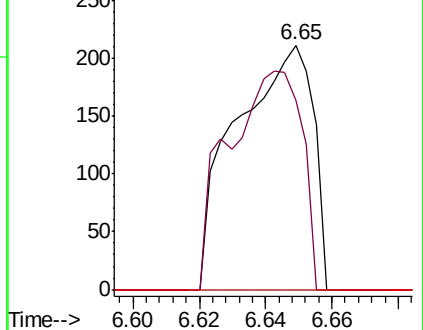
39 0.0 41.1 61.7#

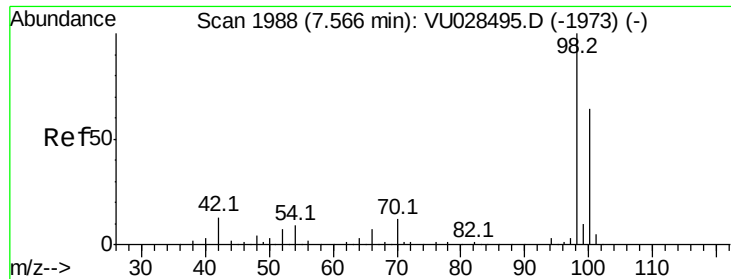


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

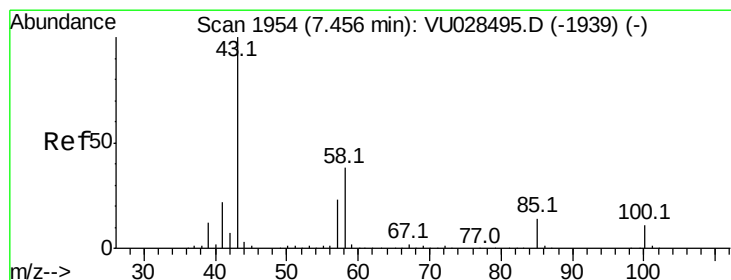
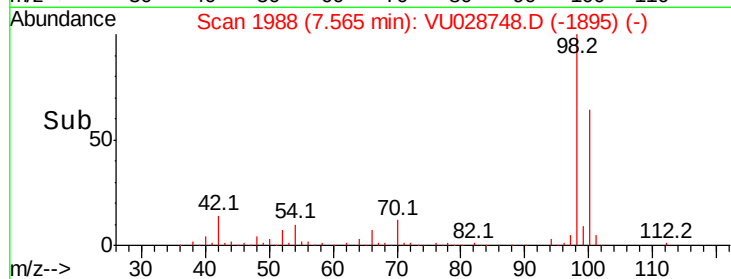
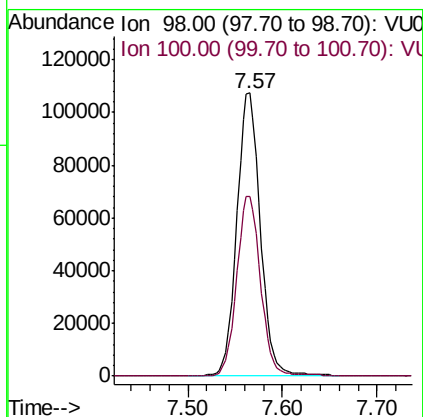
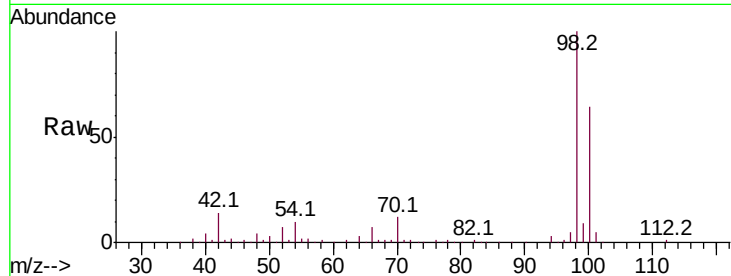




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

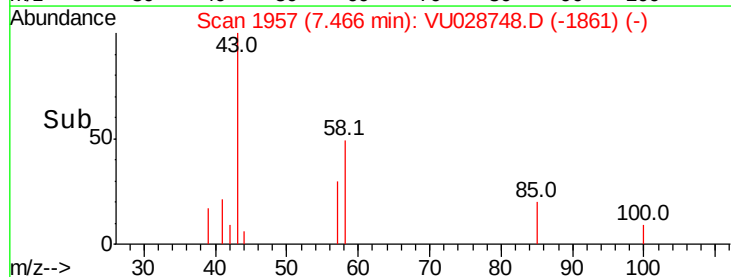
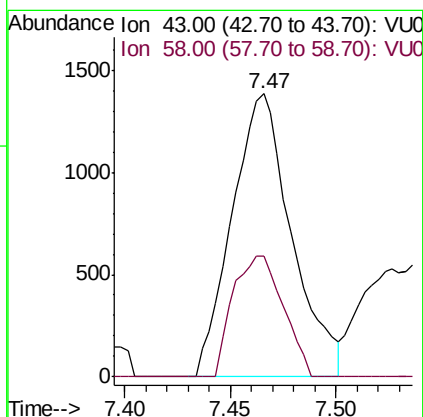
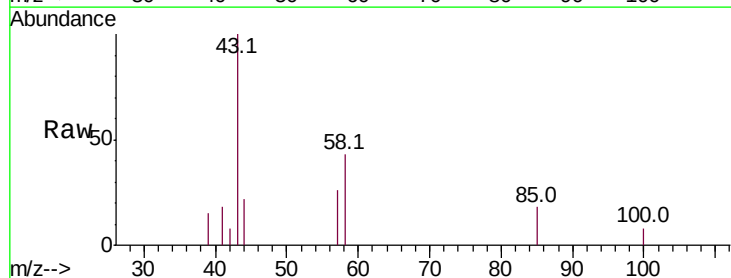
Instrument :
MSVOA_U
ClientSampled :

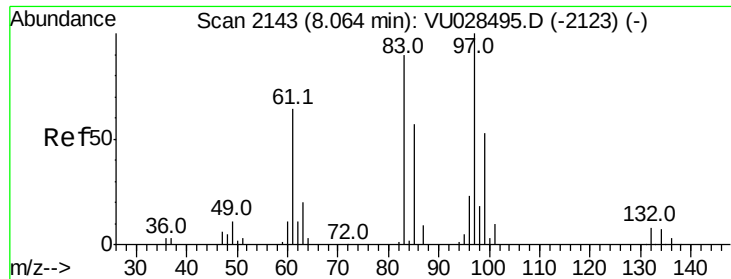
Tot Ion: 98 Resp: 186043
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.363 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 36.0 30.2 45.2

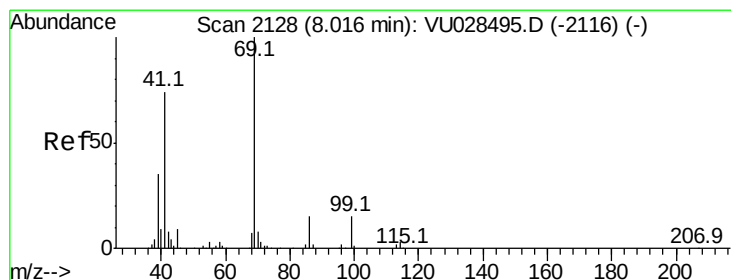
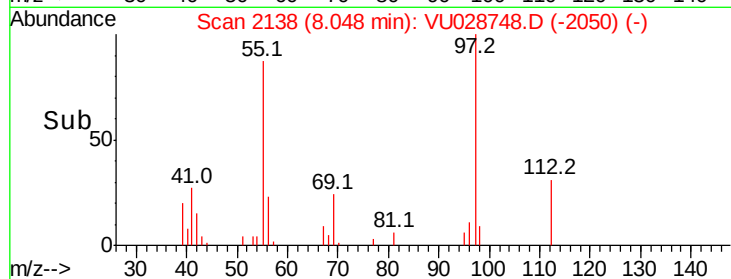
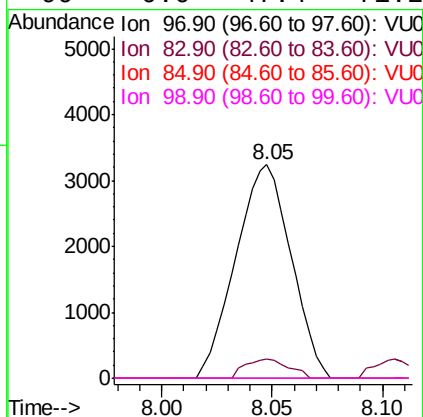
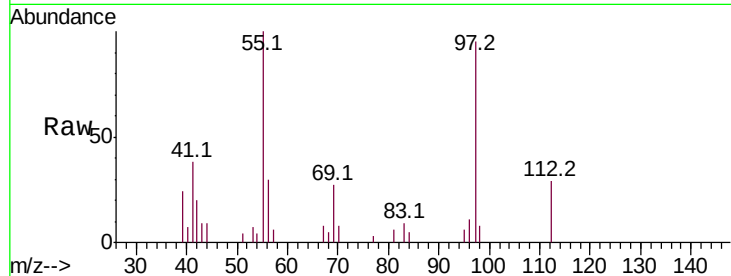




#55
1,1,2-Trichloroethane
Concen: 5.300 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

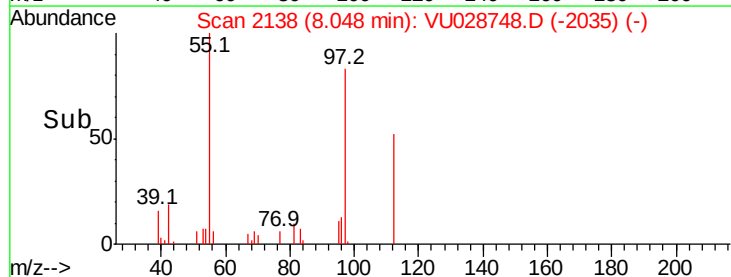
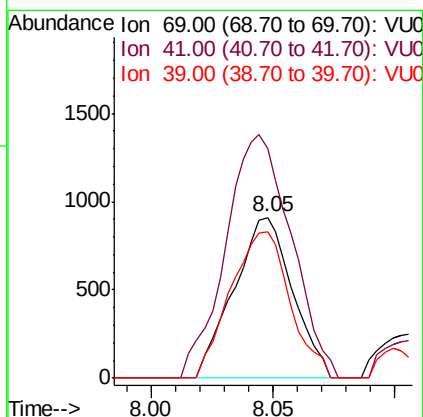
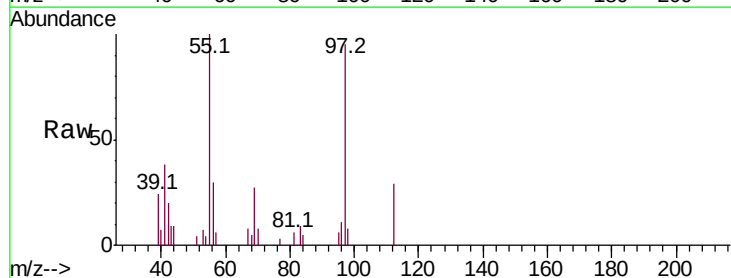
Instrument :
MSVOA_U
ClientSampleId :

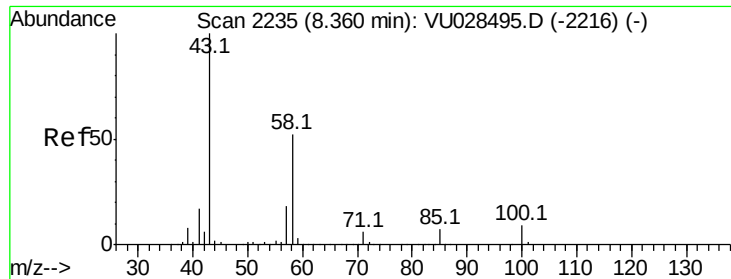
Tot Ion: 97 Resp: 5619
Ion Ratio Lower Upper
97 100
83 9.0 72.4 108.6#
85 0.0 46.0 69.0#
99 0.0 47.4 71.2#



#56
Ethyl methacrylate
Concen: 0.836 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 69 Resp: 1518
Ion Ratio Lower Upper
69 100
41 169.6 59.1 88.7#
39 92.6 28.4 42.6#

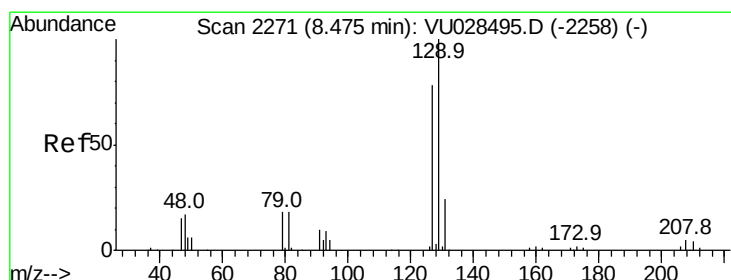
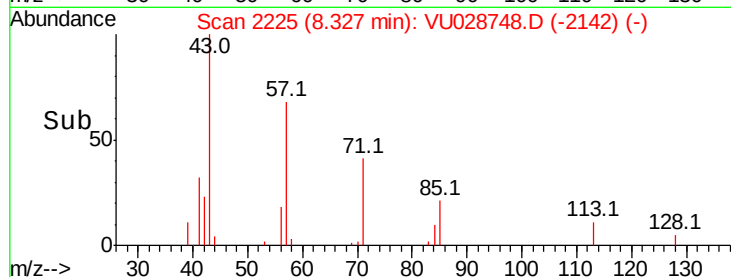
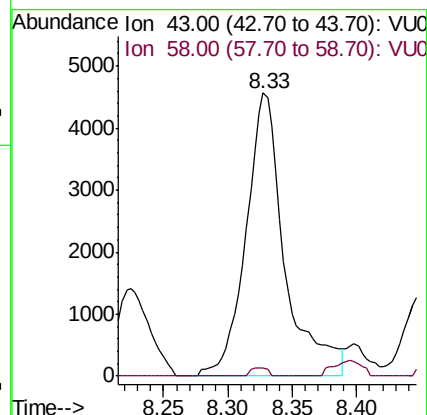
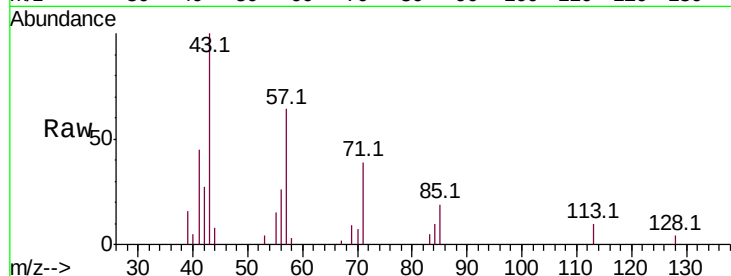




#59
2-Hexanone
Concen: 6.055 ug/l
RT: 8.33 min Scan# 2225
Delta R.T. -0.03 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

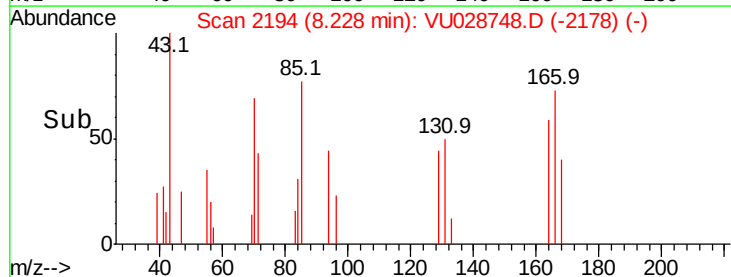
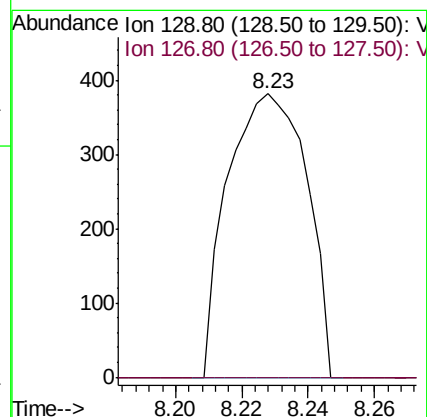
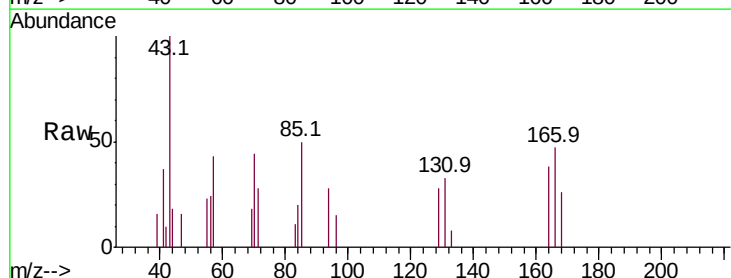
Instrument :
MSVOA_U
ClientSampled :

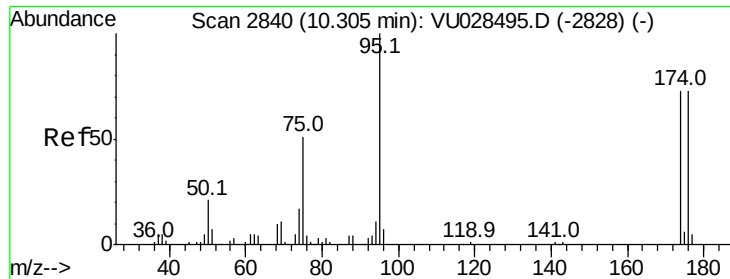
Tot Ion: 43 Resp: 9578
Ion Ratio Lower Upper
43 100
58 1.2 25.9 77.6#



#60
Dibromochloromethane
Concen: 0.608 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 129 Resp: 631
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#

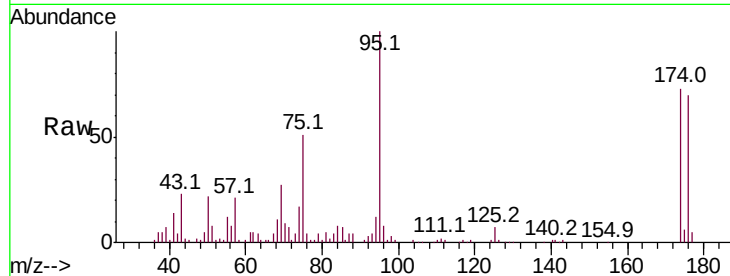




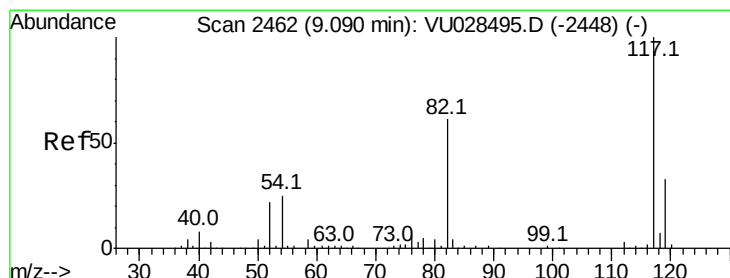
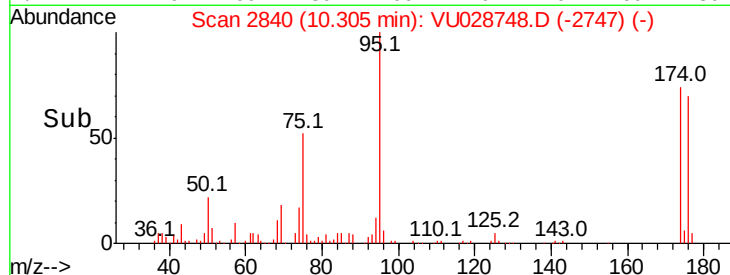
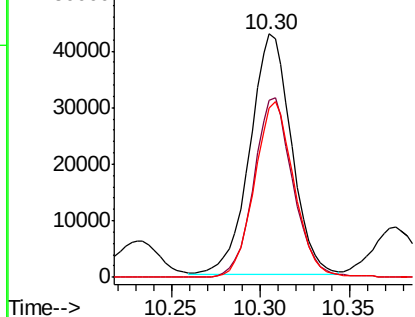
#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 69343
Ion Ratio Lower Upper
95 100
174 70.5 0.0 150.4
176 69.5 0.0 145.2

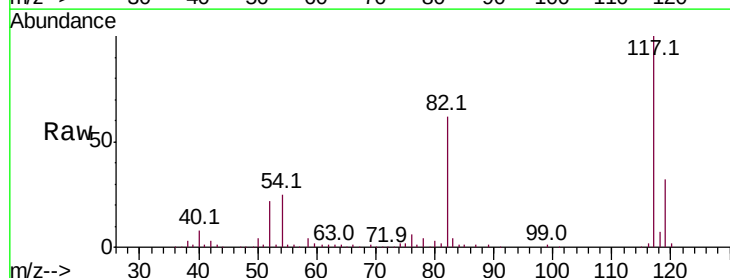


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

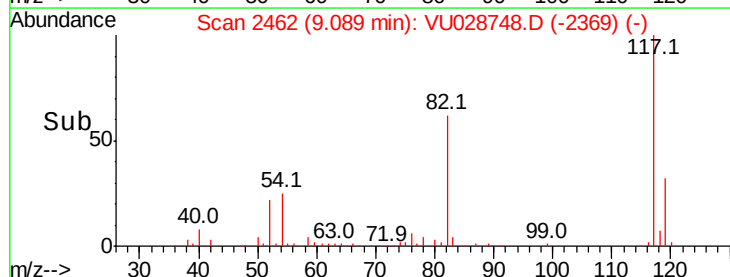
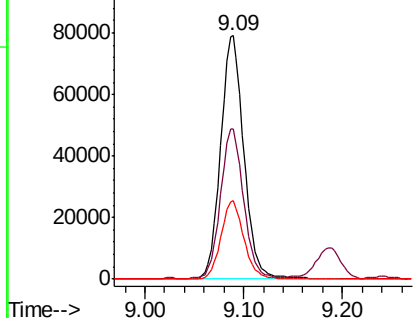


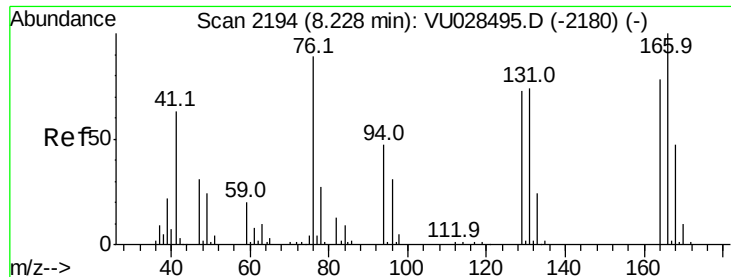
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion: 117 Resp: 131164
Ion Ratio Lower Upper
117 100
82 61.2 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) (-)





#64

Tetrachloroethene

Concen: 0.815 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 713

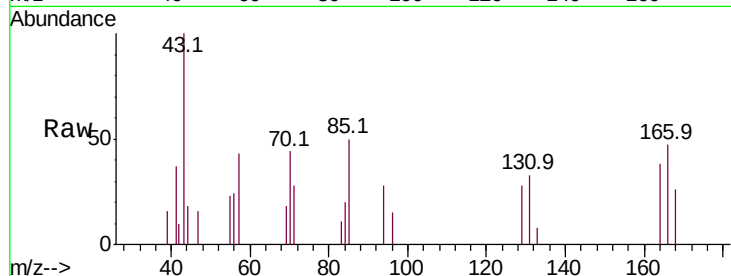
Ion Ratio Lower Upper

164 100

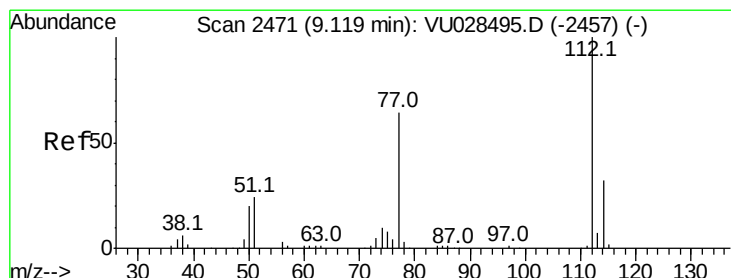
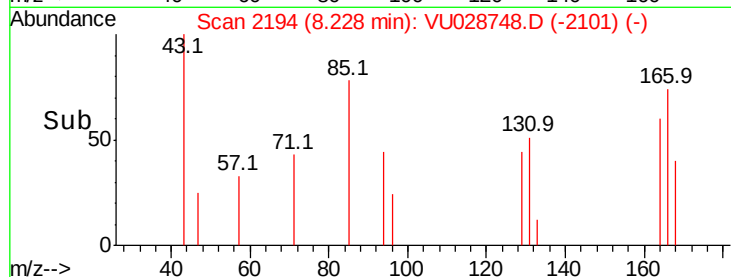
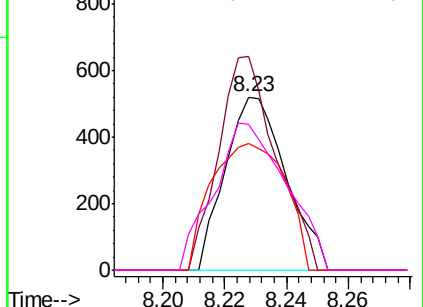
166 123.3 101.9 152.9

129 73.5 74.9 112.3#

131 84.6 75.4 113.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.274 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. 0.13 min

Lab File: VU028748.D

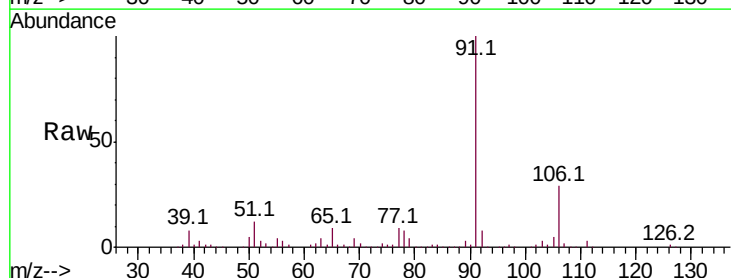
Acq: 18 Dec 2018 03:11

Tgt Ion:112 Resp: 765

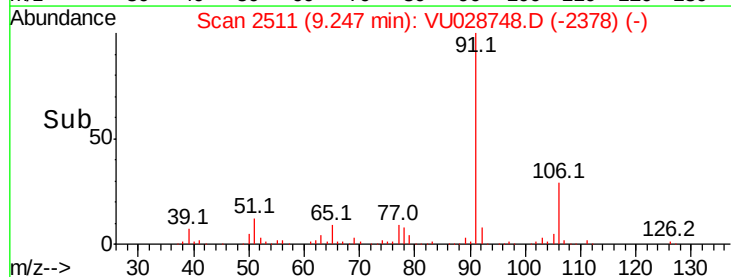
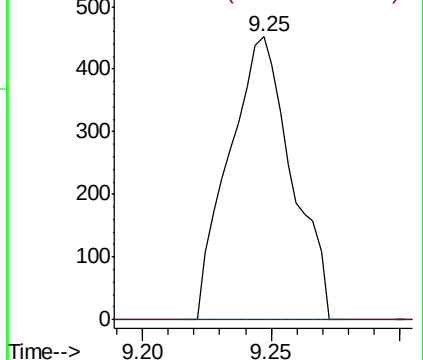
Ion Ratio Lower Upper

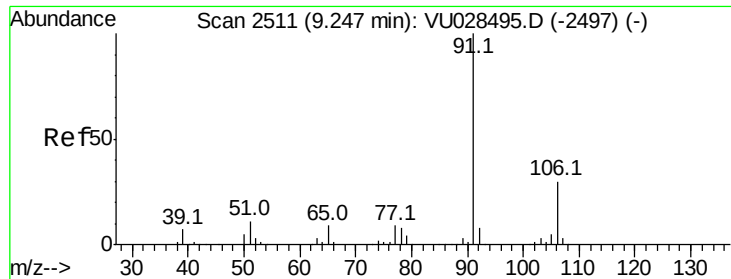
112 100

114 0.0 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 46.675 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

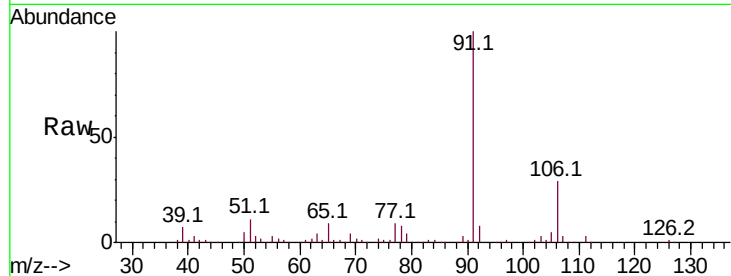
ClientSampleId :

Tot Ion: 91 Resp: 239817

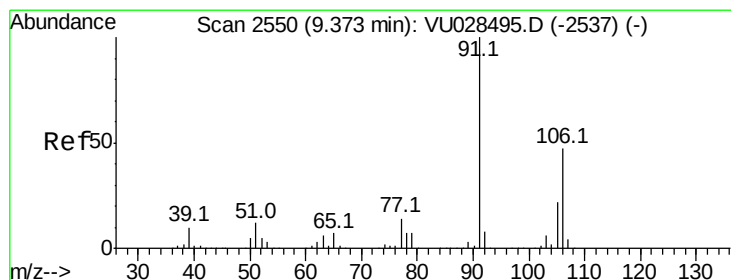
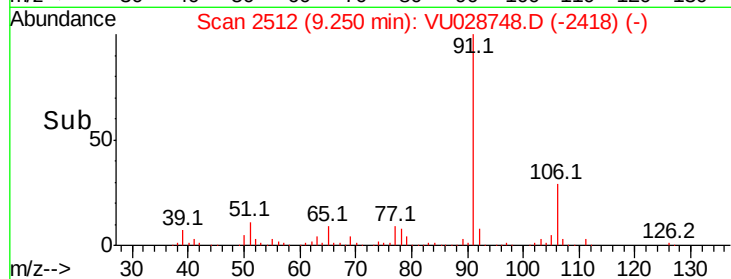
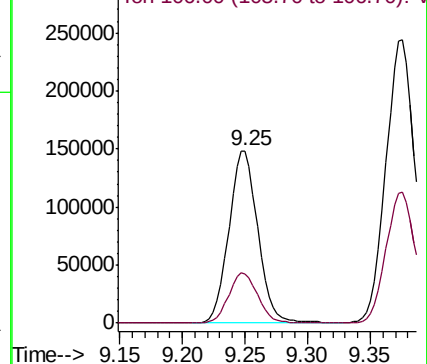
Ion Ratio Lower Upper

91 100

106 28.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2497) (-)



#68

m/p-Xylenes

Concen: 100.144 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028748.D

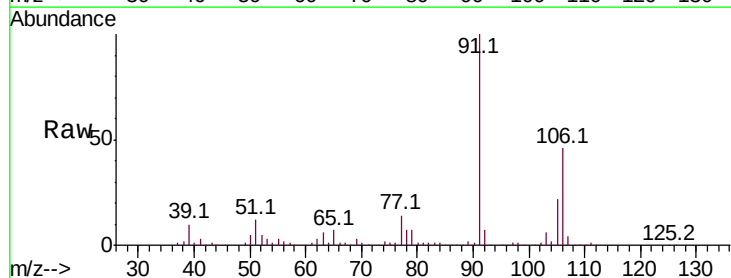
Acq: 18 Dec 2018 03:11

Tgt Ion: 106 Resp: 187229

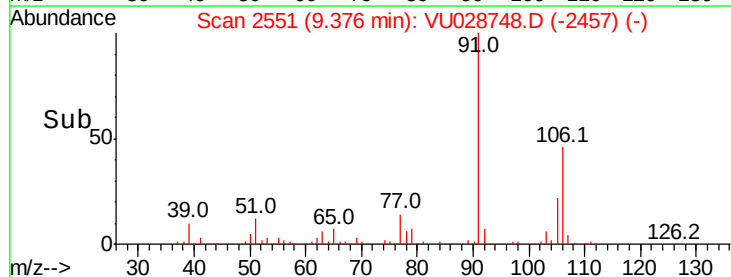
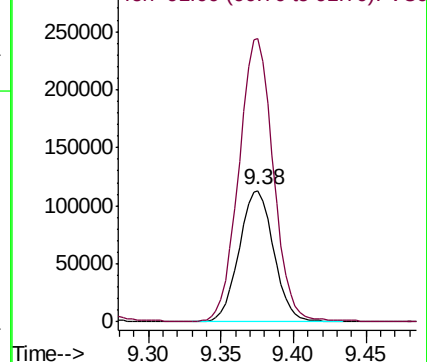
Ion Ratio Lower Upper

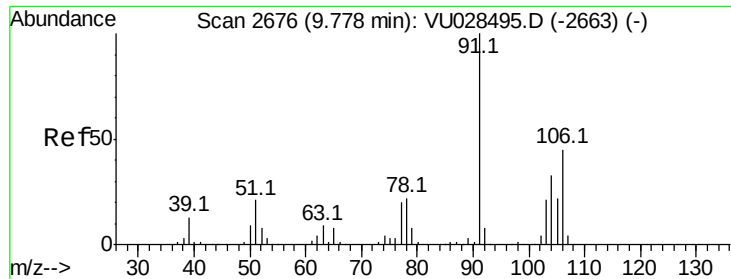
106 100

91 216.5 167.4 251.0



Abundance Ion 106.00 (105.70 to 106.70): VU028495.D (-2537) (-)

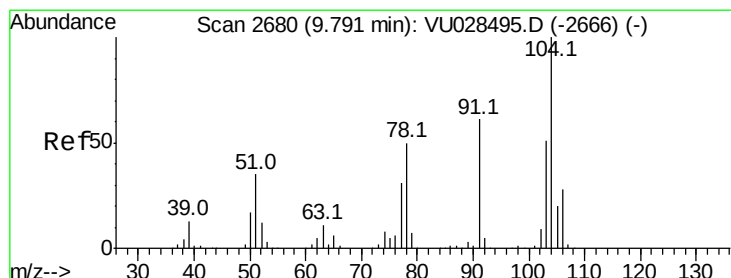
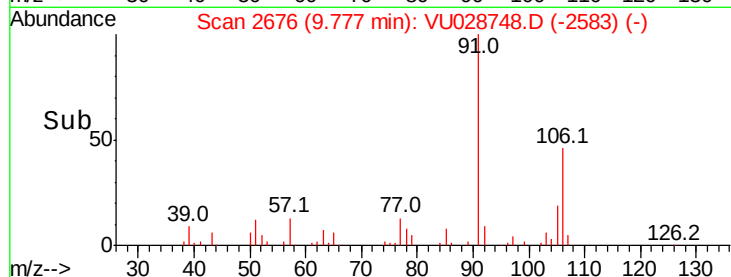
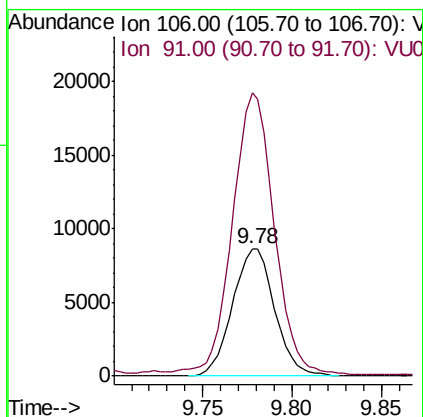
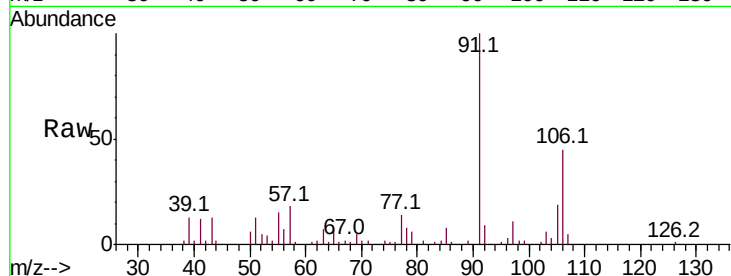




#69
o-Xylene
Concen: 7.840 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

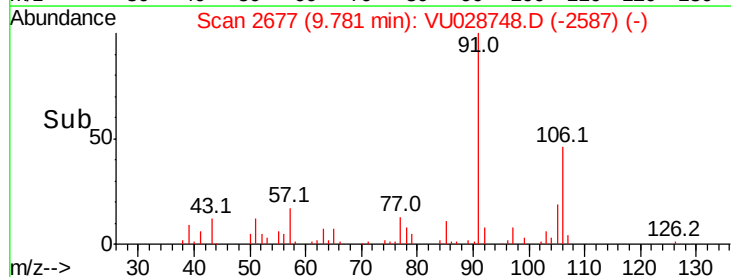
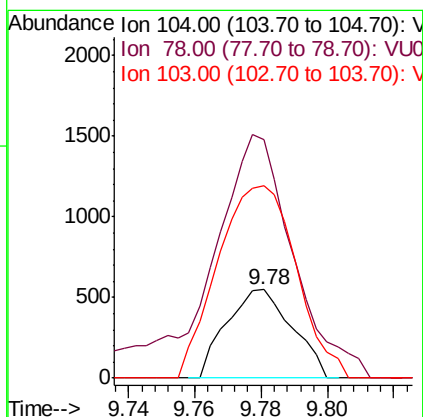
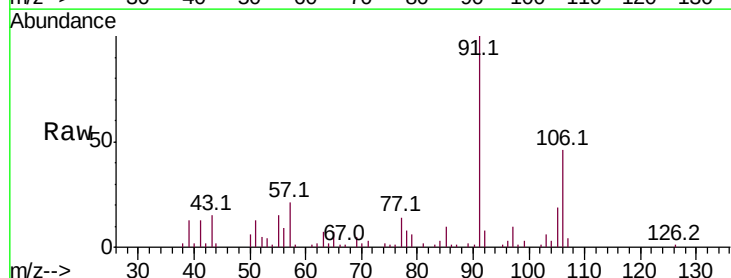
Instrument :
MSVOA_U
ClientSampleId :

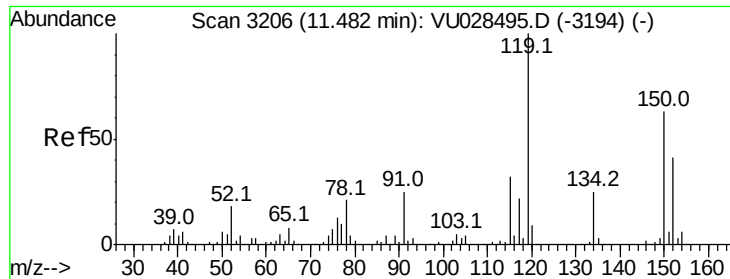
Tot Ion:106 Resp: 14244
Ion Ratio Lower Upper
106 100
91 217.9 111.3 334.0



#70
Styrene
Concen: 0.252 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion:104 Resp: 758
Ion Ratio Lower Upper
104 100
78 328.1 43.0 64.6#
103 259.4 44.2 66.4#



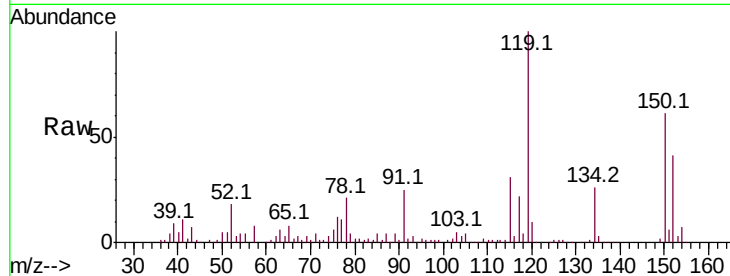


#72

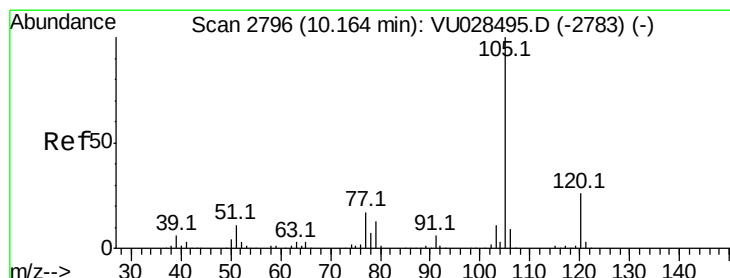
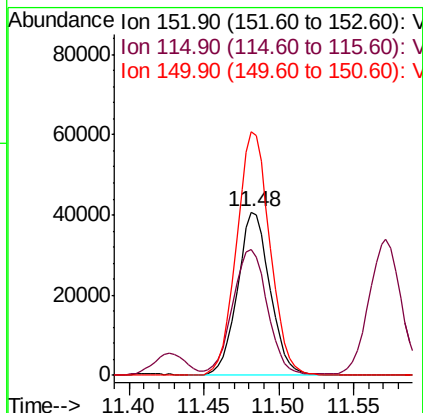
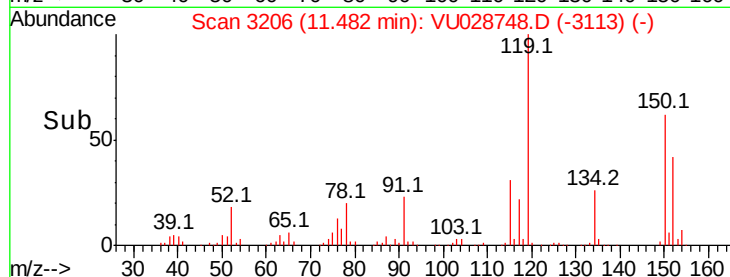
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:152 Resp: 61484
Ion Ratio Lower Upper
152 100
115 82.0 42.7 128.1
150 153.1 0.0 346.0



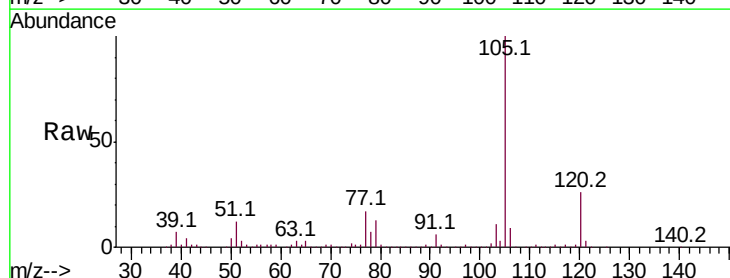
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



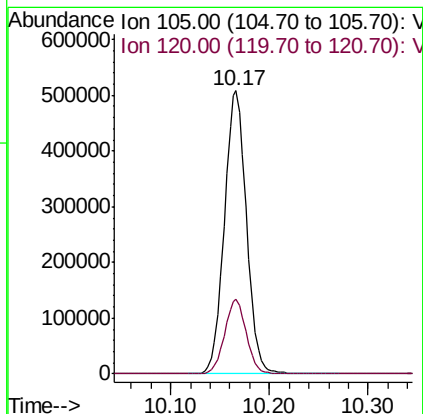
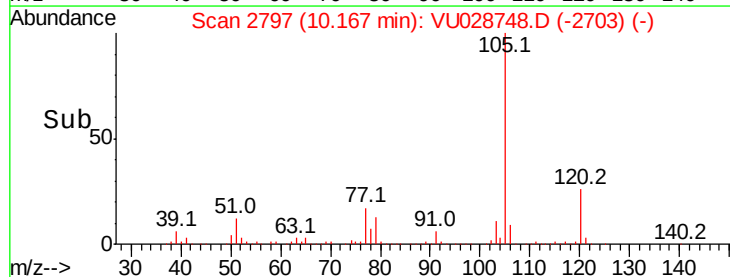
#73

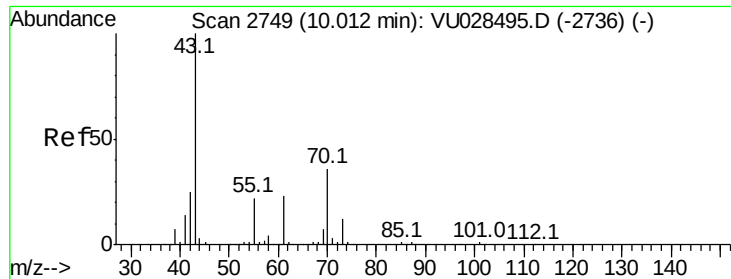
Isopropylbenzene
Concen: 169.662 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Tgt Ion:105 Resp: 800447
Ion Ratio Lower Upper
105 100
120 25.8 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: 13.398 ug/l

RT: 10.04 min Scan# 2758

Delta R.T. 0.03 min

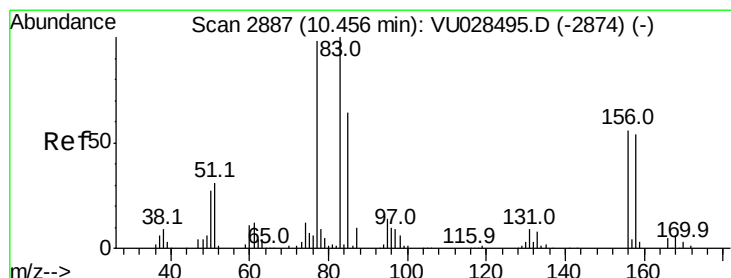
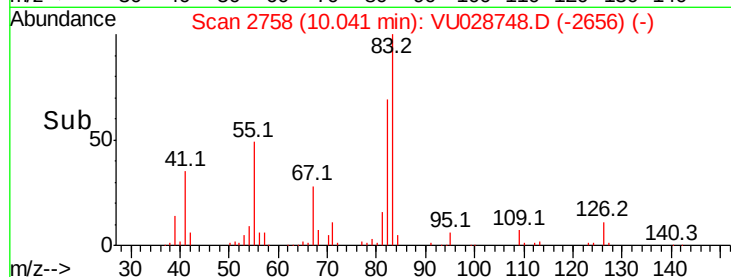
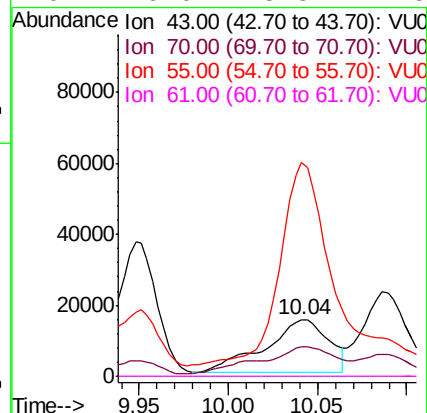
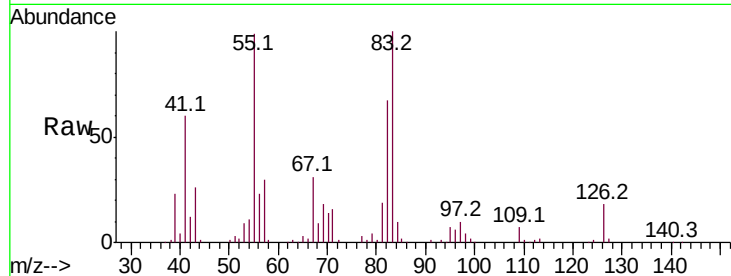
Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 36462

Ion	Ratio	Lower	Upper
43	100		
70	45.7	29.3	43.9#
55	332.3	18.0	27.0#
61	0.0	18.3	27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 11.538 ug/l

RT: 10.49 min Scan# 2897

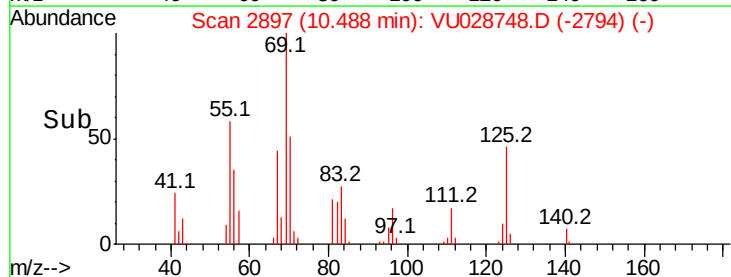
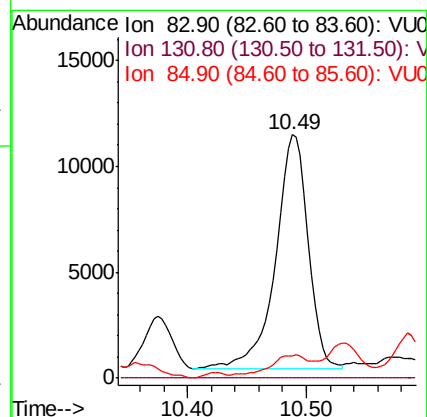
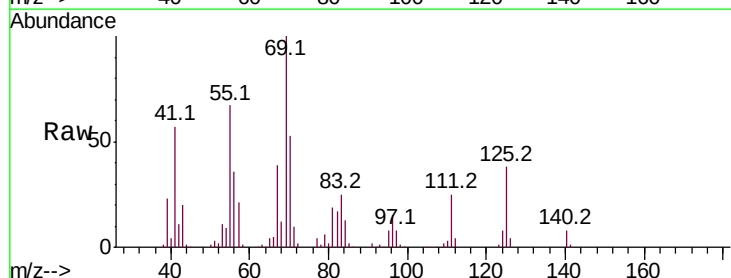
Delta R.T. 0.03 min

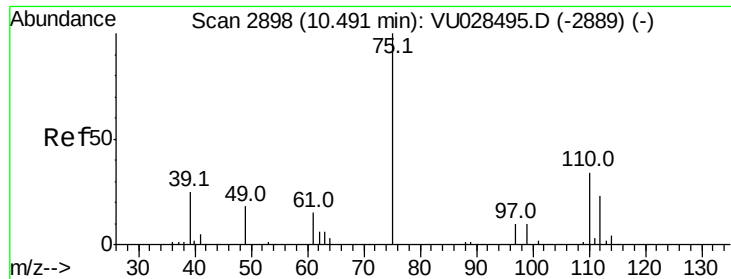
Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Tgt Ion: 83 Resp: 20911

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	10.4	31.8	95.4#





#76

1,2,3-Trichloropropane

Concen: 7.215 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.10 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

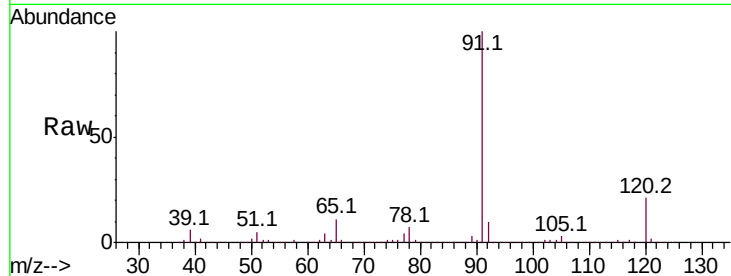
ClientSampled :

Tot Ion: 75 Resp: 11328

Ion Ratio Lower Upper

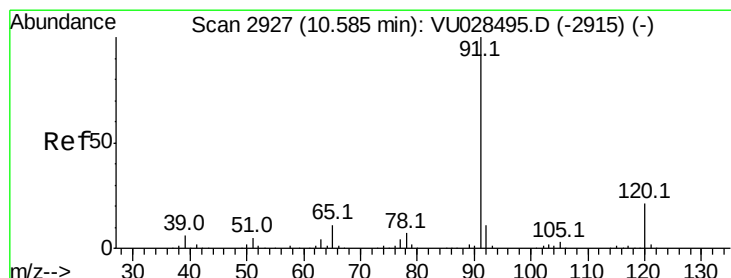
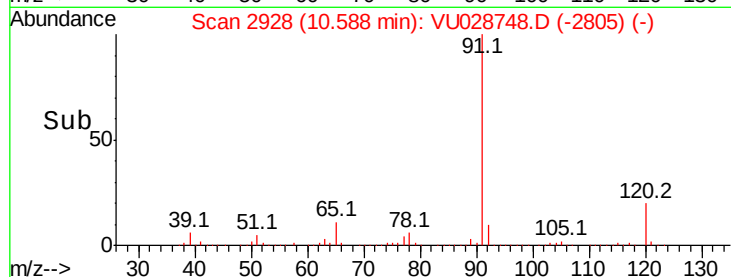
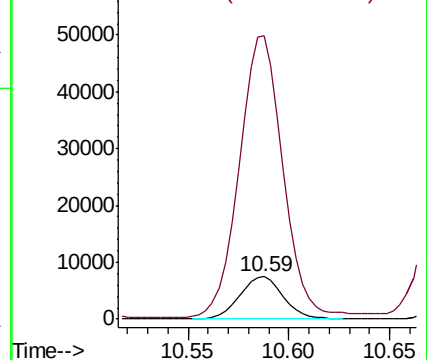
75 100

77 666.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 321.023 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028748.D

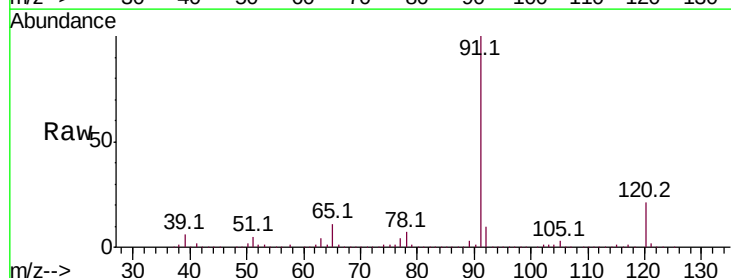
Acq: 18 Dec 2018 03:11

Tgt Ion: 91 Resp: 1881971

Ion Ratio Lower Upper

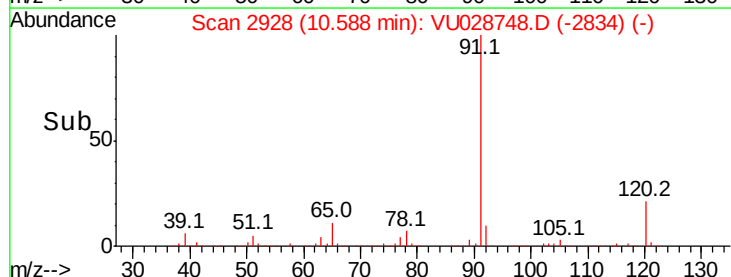
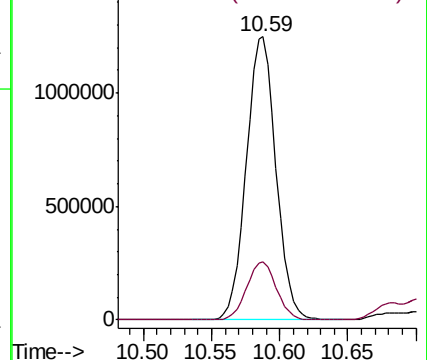
91 100

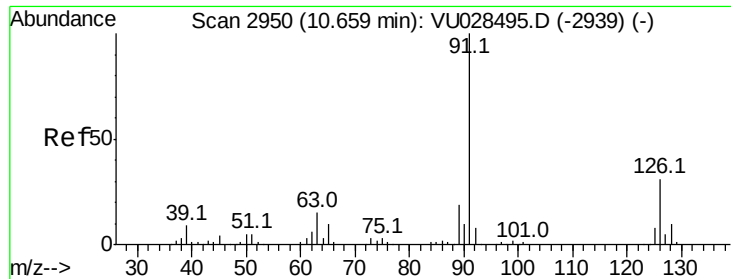
120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 557.309 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

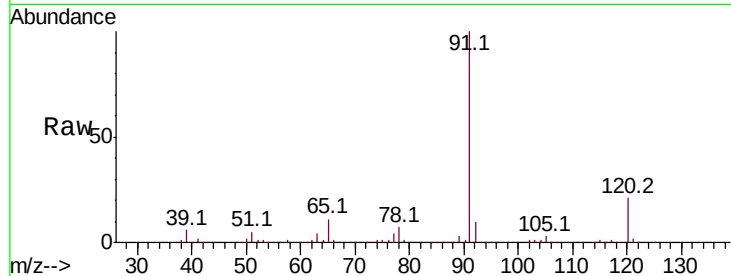
ClientSampleId :

Tot Ion: 91 Resp: 1881971

Ion Ratio Lower Upper

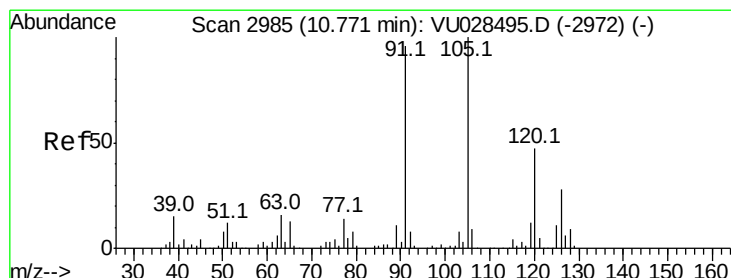
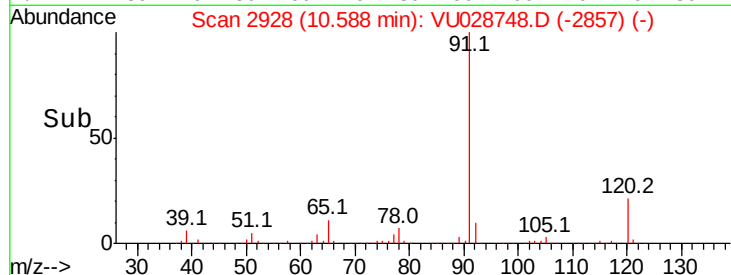
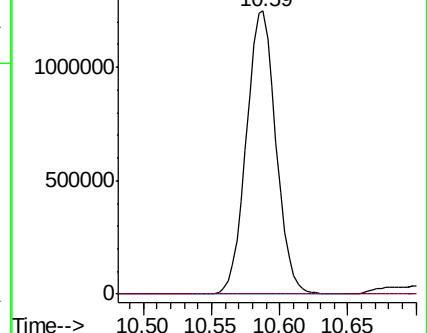
91 100

126 0.0 15.6 46.8#



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

Ion 125.90 (125.60 to 126.60): VU028495.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 151.092 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028748.D

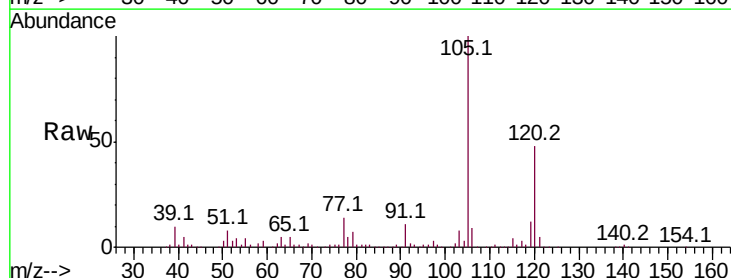
Acq: 18 Dec 2018 03:11

Tgt Ion:105 Resp: 590064

Ion Ratio Lower Upper

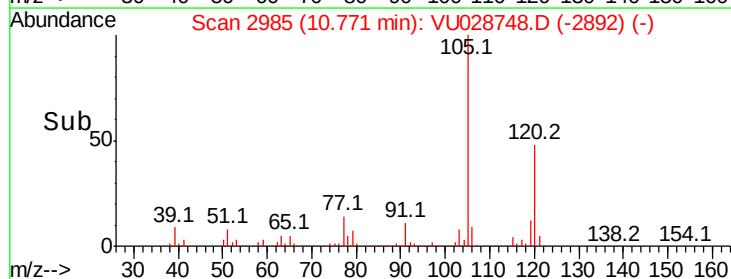
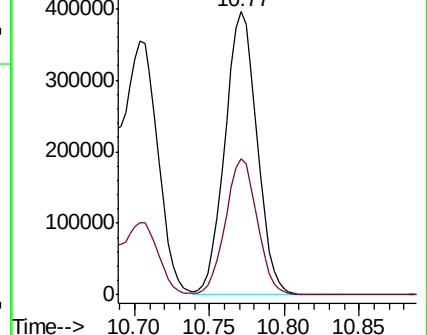
105 100

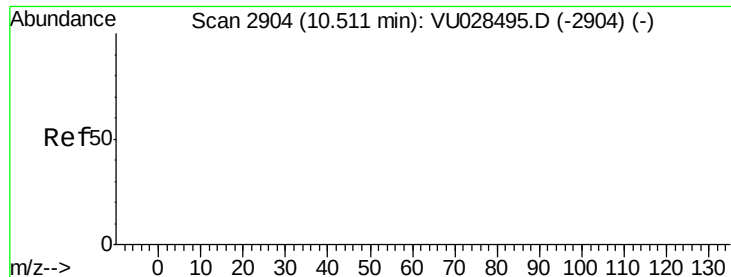
120 47.7 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU028495.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.078 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.08 min

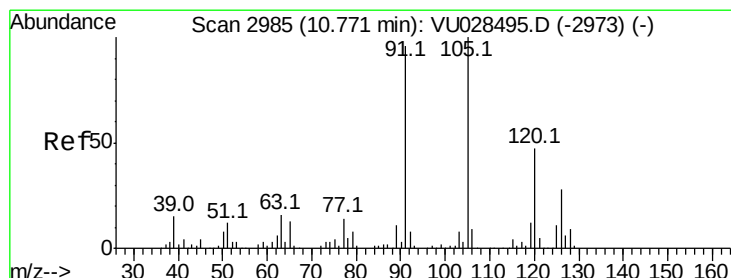
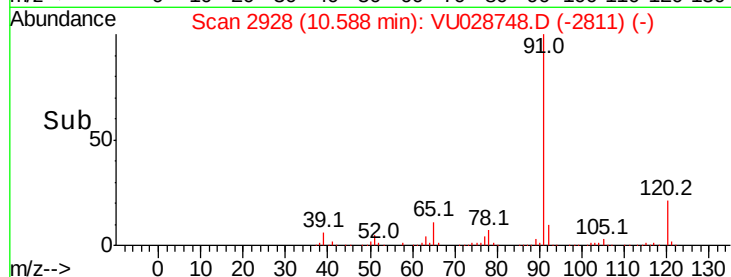
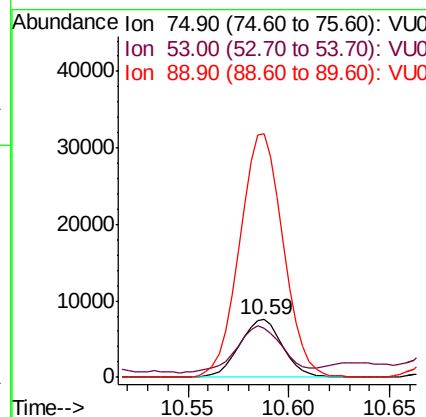
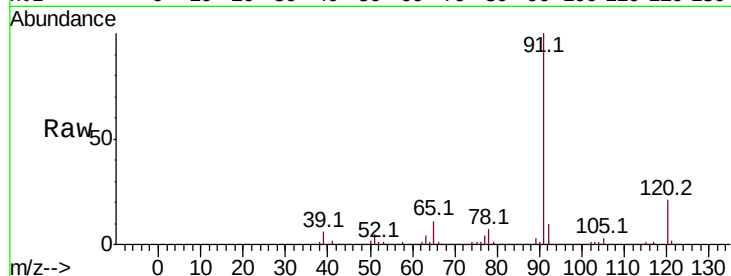
Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 11328

Ion	Ratio	Lower	Upper
75	100		
53	84.5	0.0	0.0#
89	427.3	0.0	0.0#



#82

4-Chlorotoluene

Concen: 16.128 ug/l

RT: 10.77 min Scan# 2985

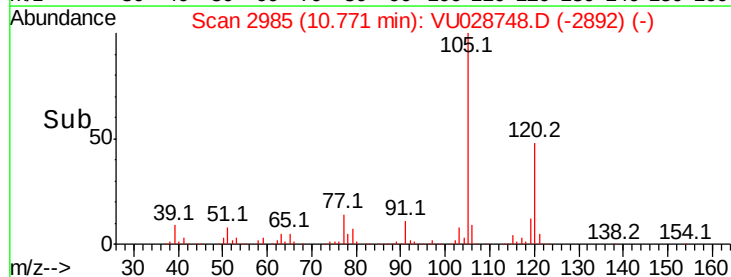
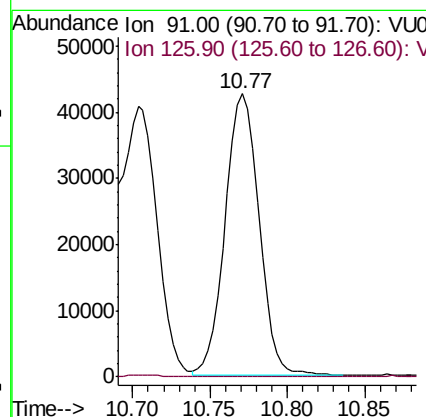
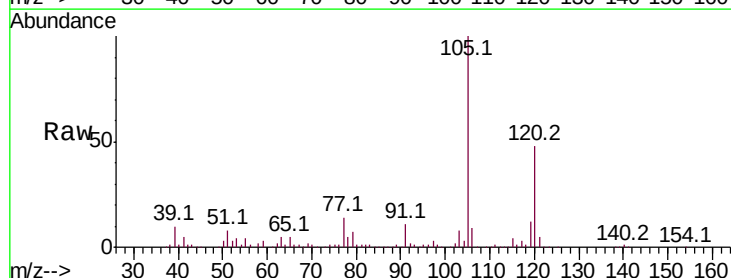
Delta R.T. -0.00 min

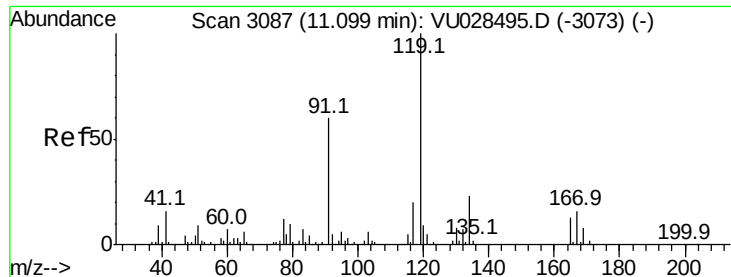
Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Tgt Ion: 91 Resp: 64539

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	42.3#





#83

tert-Butylbenzene

Concen: 20.535 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

ClientSampleId :

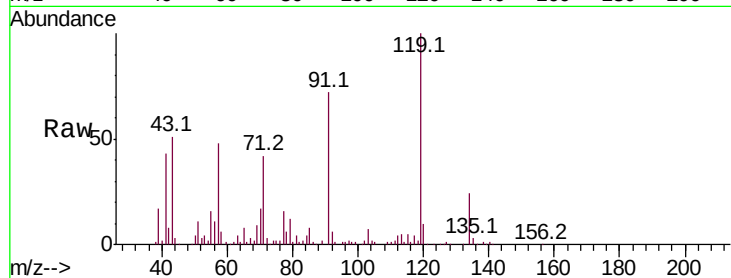
Tot Ion:119 Resp: 77299

Ion Ratio Lower Upper

119 100

91 70.4 30.3 91.0

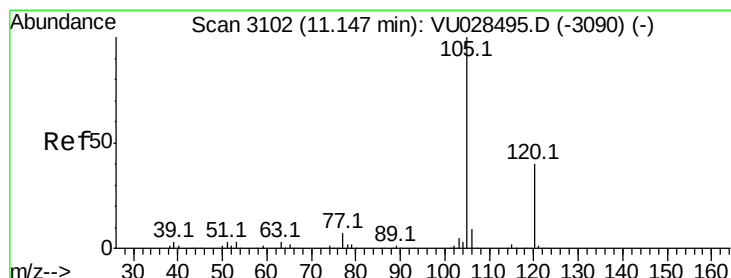
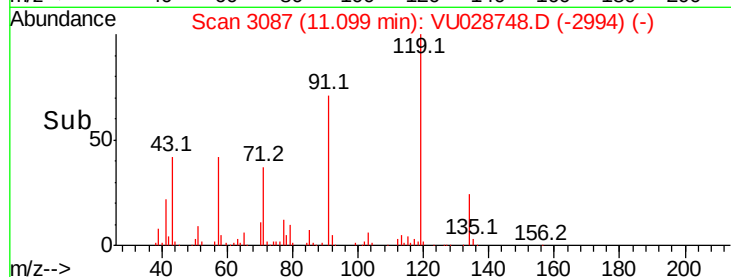
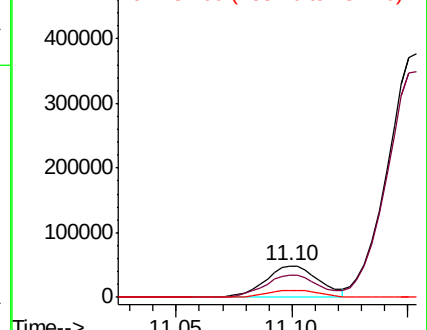
134 23.6 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1188.346 ug/l

RT: 11.15 min Scan# 3104

Delta R.T. 0.01 min

Lab File: VU028748.D

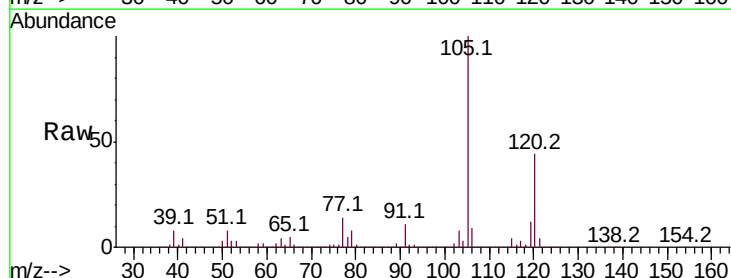
Acq: 18 Dec 2018 03:11

Tgt Ion:105 Resp: 4782808

Ion Ratio Lower Upper

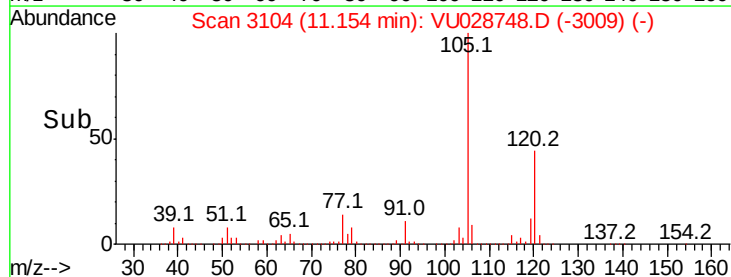
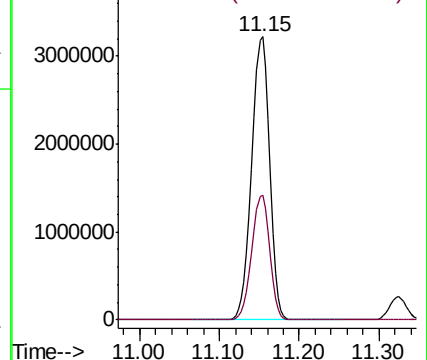
105 100

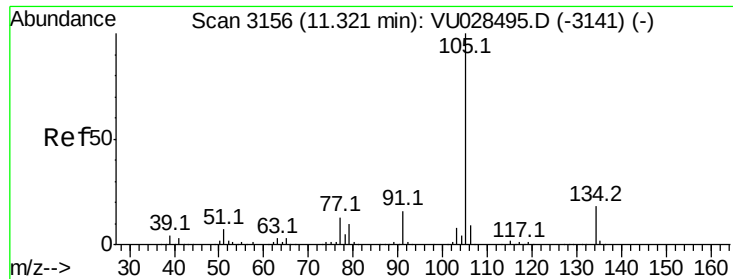
120 44.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

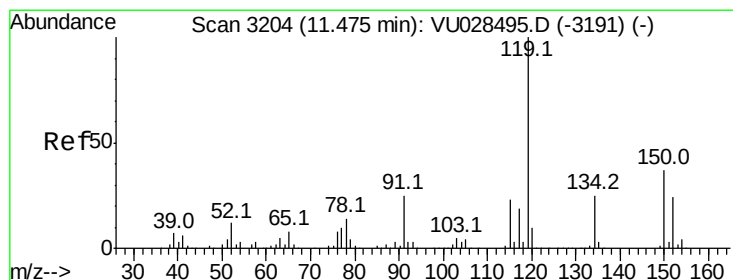
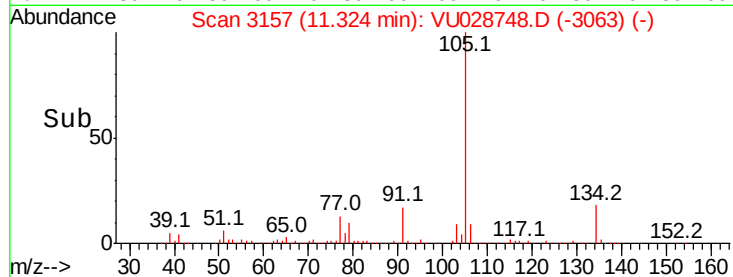
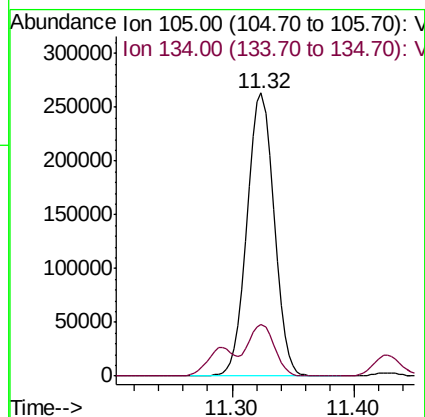
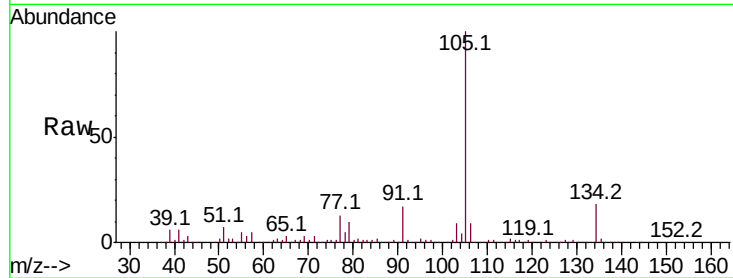




#85
 sec-Butylbenzene
 Concen: 82.779 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

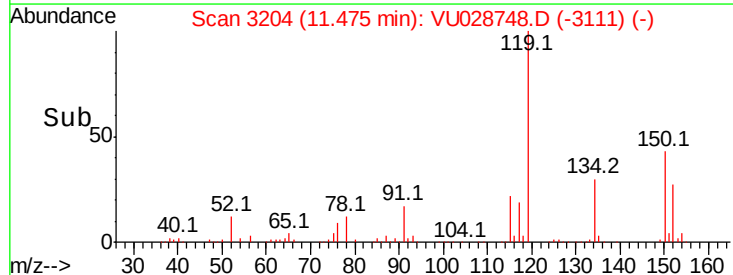
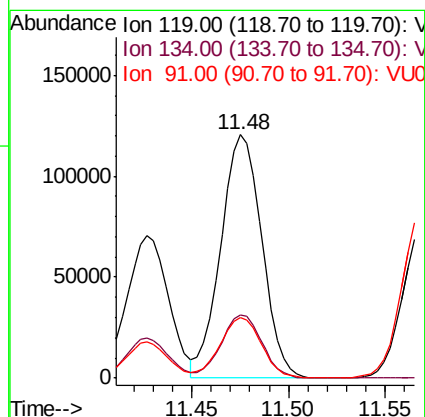
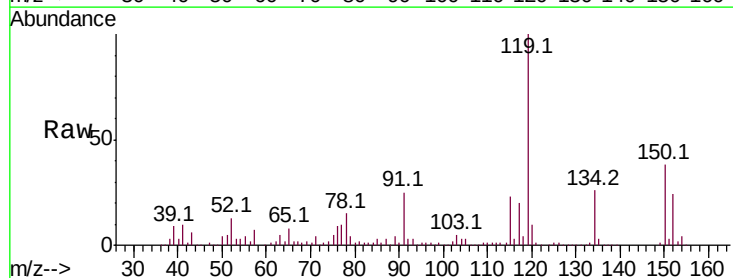
Instrument :
 MSVOA_U
 ClientSampleId :

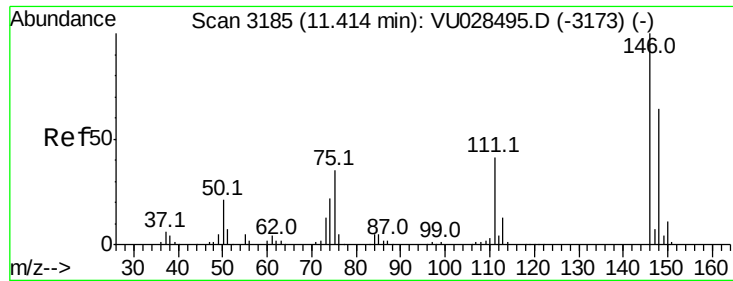
Tot Ion:105 Resp: 400301
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 43.324 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion:119 Resp: 177969
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 24.6 12.6 37.6

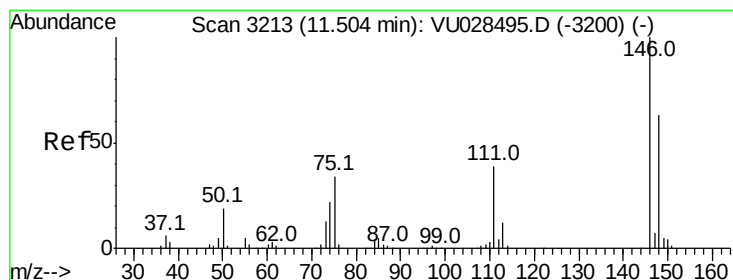
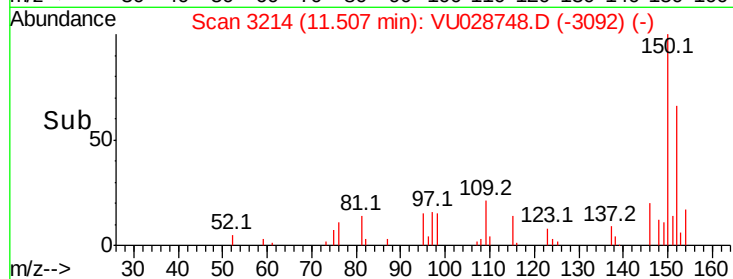
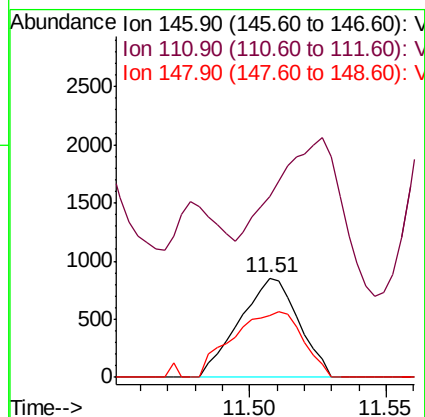
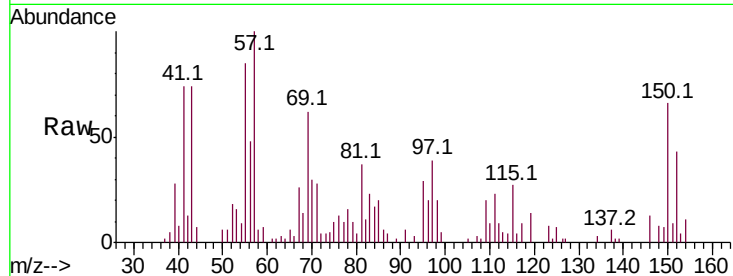




#87
 1,3-Dichlorobenzene
 Concen: 0.618 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.09 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

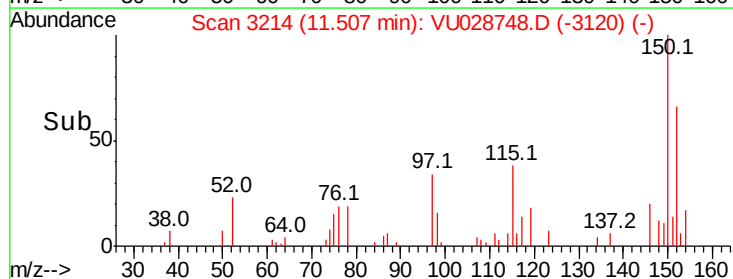
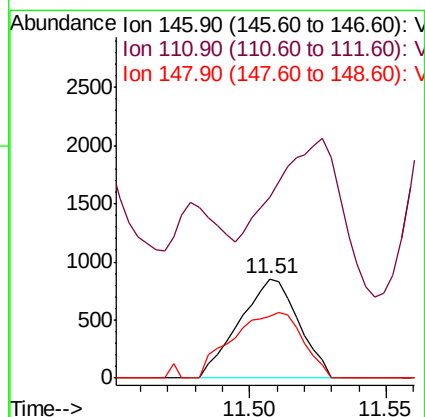
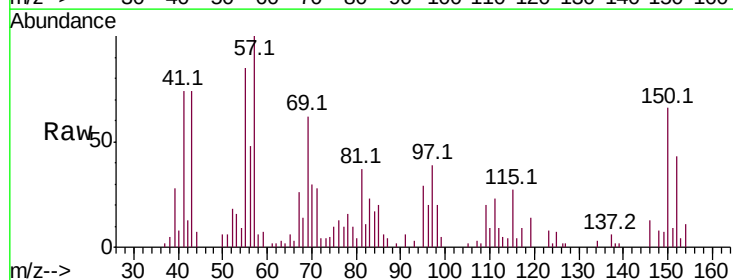
Instrument :
 MSVOA_U
 ClientSampleId :

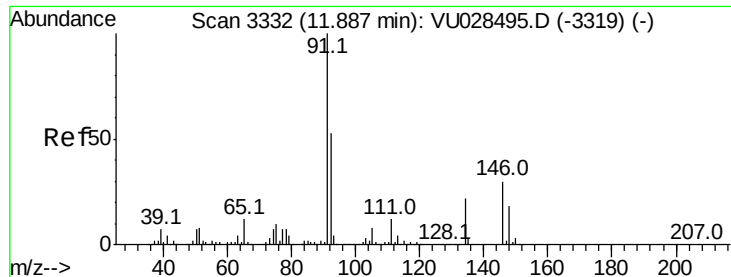
Tot Ion:146 Resp: 1288
 Ion Ratio Lower Upper
 146 100
 111 194.2 20.7 62.1#
 148 78.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.598 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028748.D
 Acq: 18 Dec 2018 03:11

Tgt Ion:146 Resp: 1288
 Ion Ratio Lower Upper
 146 100
 111 194.2 20.2 60.5#
 148 78.3 31.6 95.0





#89

n-Butylbenzene

Concen: 75.511 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

ClientSampled :

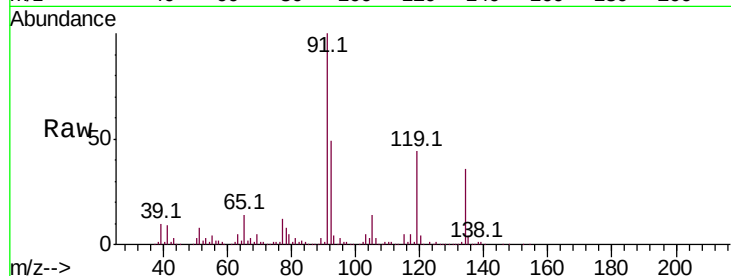
Tot Ion: 91 Resp: 313920

Ion Ratio Lower Upper

91 100

92 42.4 26.3 78.9

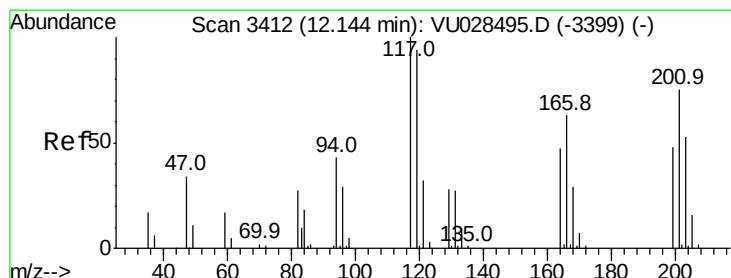
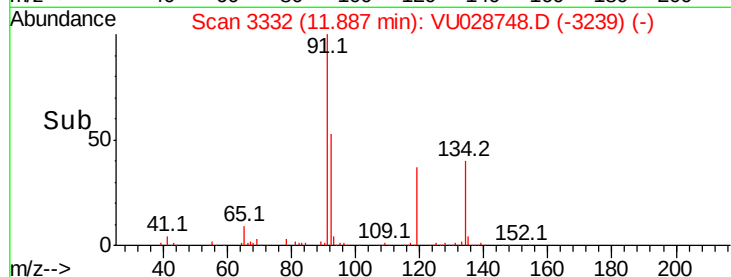
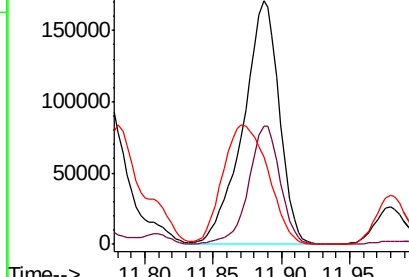
134 61.9 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU028495.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU028495.D (-3319) (-)



#90

Hexachloroethane

Concen: 49.885 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU028748.D

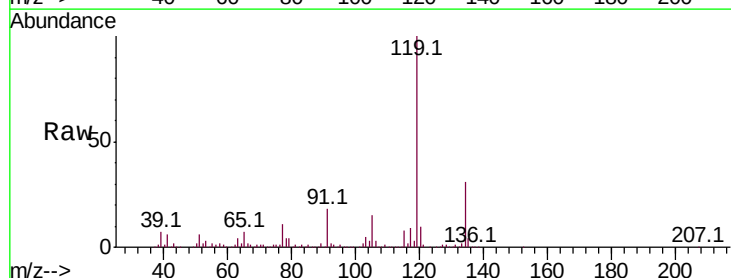
Acq: 18 Dec 2018 03:11

Tgt Ion: 117 Resp: 30973

Ion Ratio Lower Upper

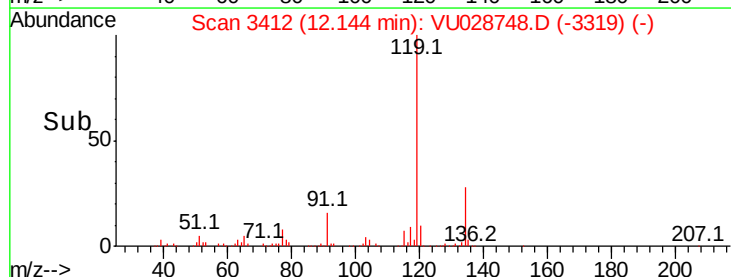
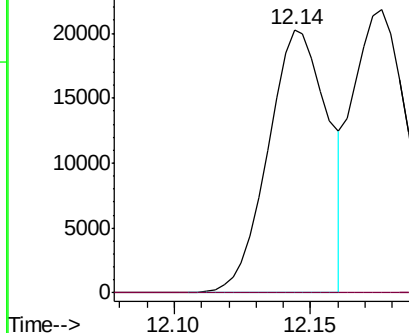
117 100

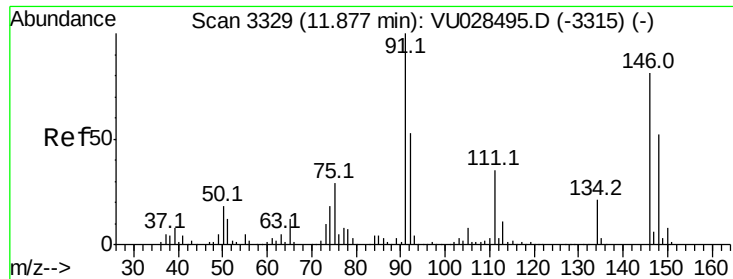
201 0.0 38.1 114.5#



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU028495.D (-3399) (-)





#91

1,2-Dichlorobenzene

Concen: 0.220 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

Instrument :

MSVOA_U

ClientSampled :

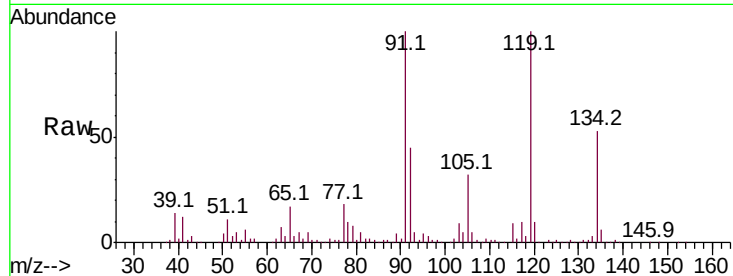
Tot Ion:146 Resp: 459

Ion Ratio Lower Upper

146 100

111 377.1 21.1 63.4#

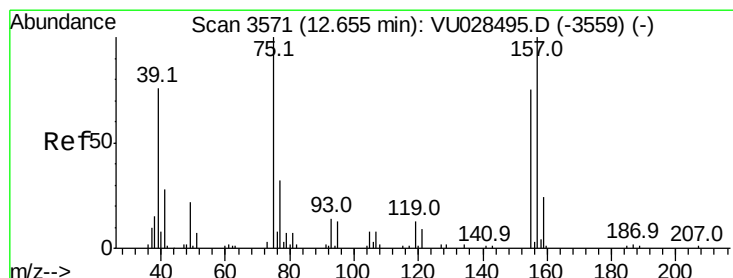
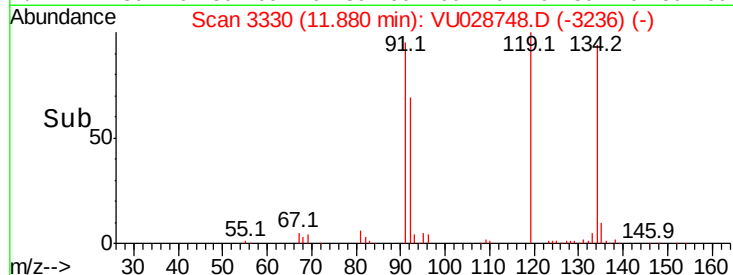
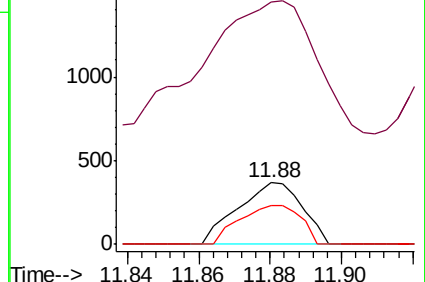
148 59.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.691 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU028748.D

Acq: 18 Dec 2018 03:11

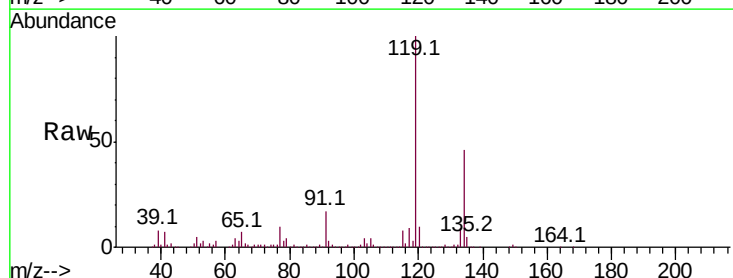
Tgt Ion: 75 Resp: 4195

Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

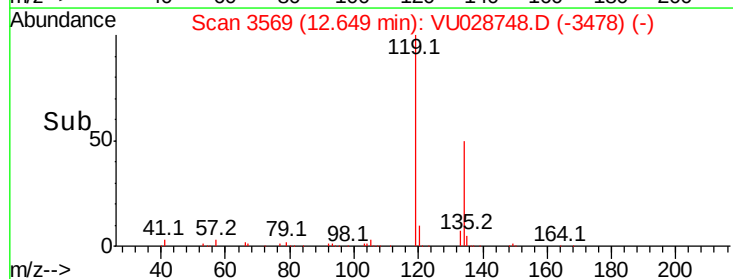
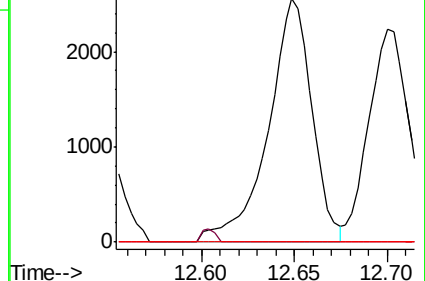
157 0.0 48.7 146.1#

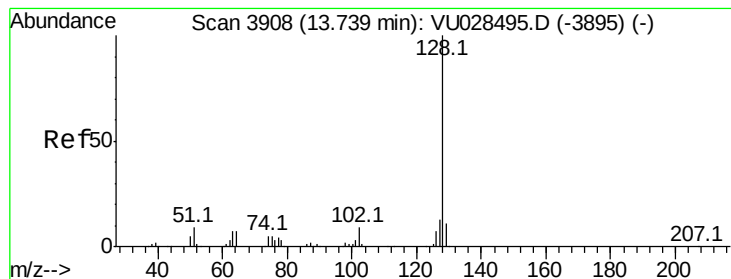


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 26.529 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028748.D
Acq: 18 Dec 2018 03:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 132672
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.5 8.6 13.0

