

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028623.D
 Acq On : 11 Dec 2018 21:39
 Operator : MD/SY
 Sample : J6305-01DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

Quant Time: Dec 12 04:13:42 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	80733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	148157	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54718	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	69559	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
35) Dibromofluoromethane	4.88	113	50922	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	7.56	98	193501	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	10.30	95	64136	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1720	0.865	ug/l #	82
4) Vinyl Chloride	1.29	62	1544	1.075	ug/l #	1
7) Trichlorofluoromethane	1.89	101	758	0.502	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.08	101	2767	3.063	ug/l #	20
11) Tert butyl alcohol	2.83	59	3669	13.366	ug/l #	90
13) Acrolein	2.19	56	66	0.302	ug/l #	1
14) Allyl chloride	2.56	41	3520	1.655	ug/l #	44
15) Acrylonitrile	2.95	53	232	0.304	ug/l #	53
16) Acetone	2.32	43	31859	39.628	ug/l	96
18) Methyl Acetate	2.62	43	789	0.379	ug/l #	56
25) 2-Butanone	4.26	43	25344	23.067	ug/l	97
29) Tetrahydrofuran	4.64	42	7444	10.550	ug/l	92
31) Cyclohexane	4.99	56	3814	0.624	ug/l #	47
36) 1,1-Dichloropropene	4.98	75	7652	4.720	ug/l #	50
37) Ethyl Acetate	4.26	43	25344	12.093	ug/l #	70
38) Carbon Tetrachloride	4.98	117	8160	6.245	ug/l #	15
39) Methylcyclohexane	6.41	83	569	0.288	ug/l #	61
40) Benzene	5.39	78	46943	9.831	ug/l	98
41) Methacrylonitrile	4.58	41	861	0.750	ug/l #	50
42) 1,2-Dichloroethane	5.40	62	425	0.254	ug/l #	76
49) 1,4-Dioxane	6.63	88	314	12.063	ug/l #	67
51) 4-Methyl-2-Pentanone	7.46	43	12434	5.947	ug/l	96
52) Toluene	7.64	92	104467	37.175	ug/l	100
53) t-1,3-Dichloropropene	7.63	75	1222	0.662	ug/l #	1
56) Ethyl methacrylate	7.91	69	2110	1.109	ug/l #	67
59) 2-Hexanone	8.37	43	2221	1.340	ug/l	91
67) Ethyl Benzene	9.25	91	38289	7.334	ug/l	99
68) m/p-Xylenes	9.37	106	38267	20.145	ug/l	99
69) o-Xylene	9.78	106	21087	11.423	ug/l	98
70) Styrene	9.79	104	16885	5.527	ug/l	87
73) Isopropylbenzene	10.16	105	2928	0.697	ug/l	93
76) 1,2,3-Trichloropropane	10.30	75	34346	24.581	ug/l #	36
78) n-propylbenzene	10.59	91	4089	0.784	ug/l	96
79) 2-Chlorotoluene	10.68	91	3031	1.009	ug/l #	43

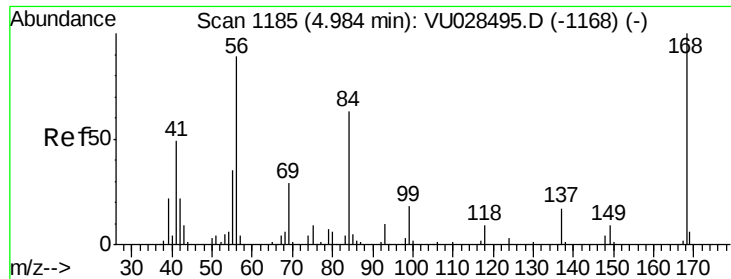
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.77	105	7292	2.098	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	34346	60.328	ug/l #	100
82) 4-Chlorotoluene	10.77	91	772	0.217	ug/l #	47
83) tert-Butylbenzene	11.14	119	2646	0.790	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.15	105	21554	6.018	ug/l	100
85) sec-Butylbenzene	11.15	105	21554	5.008	ug/l #	59
95) Naphthalene	13.74	128	13787	3.098	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

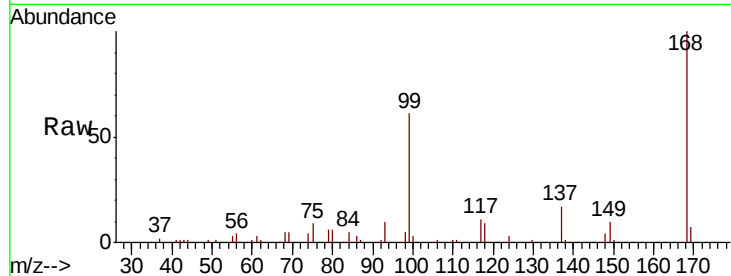
P001-SW001-01DL

Tot Ion:168 Resp: 80733

Ion Ratio Lower Upper

168 100

99 60.7 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

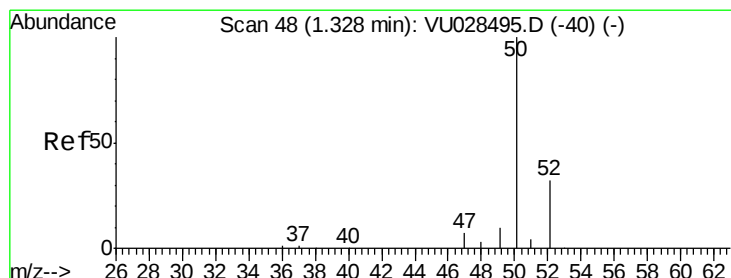
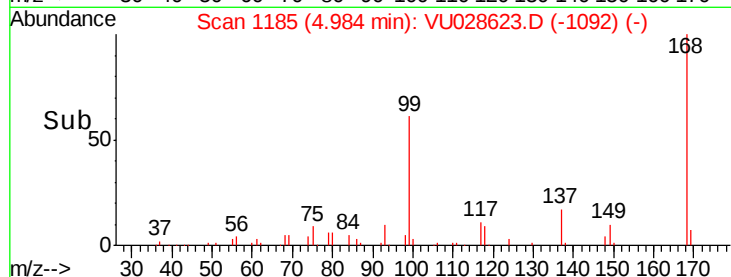
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.865 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028623.D

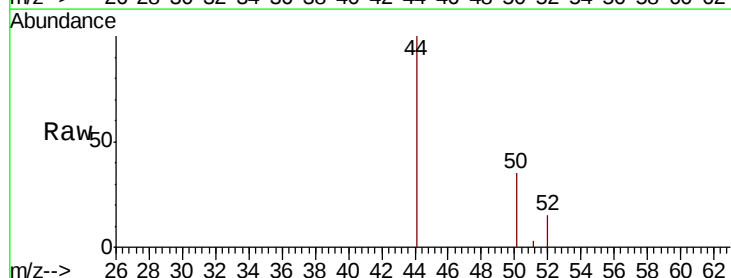
Acq: 11 Dec 2018 21:39

Tgt Ion: 50 Resp: 1720

Ion Ratio Lower Upper

50 100

52 41.8 25.5 38.3#



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1500

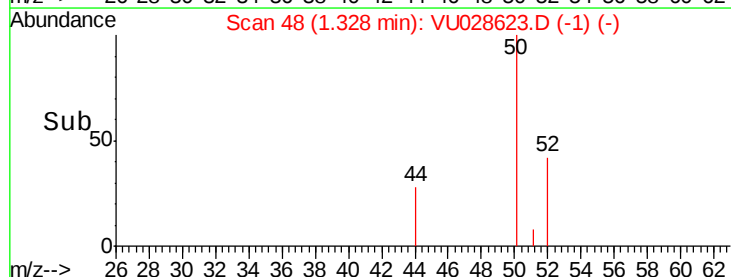
1000

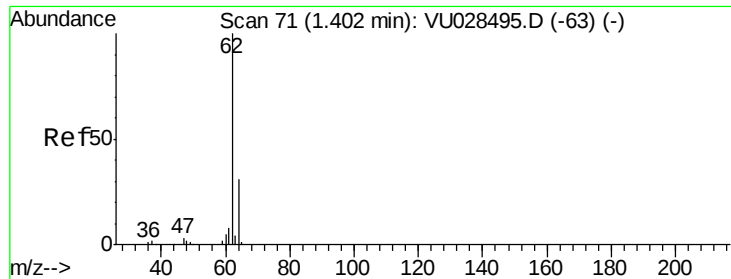
500

0

1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 1.075 ug/l

RT: 1.29 min Scan# 35

Delta R.T. -0.12 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

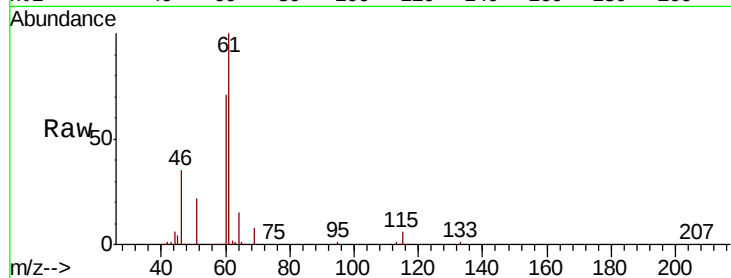
P001-SW001-01DL

Tot Ion: 62 Resp: 1544

Ion Ratio Lower Upper

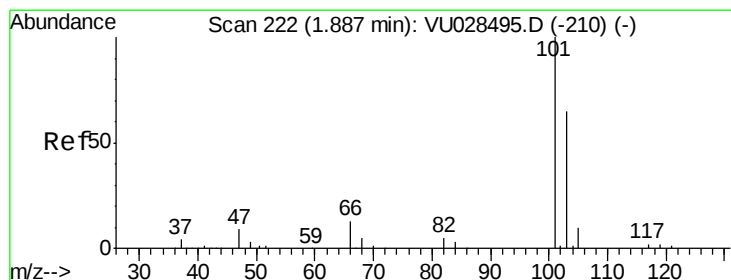
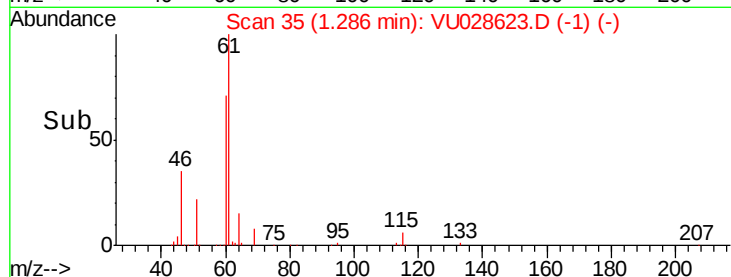
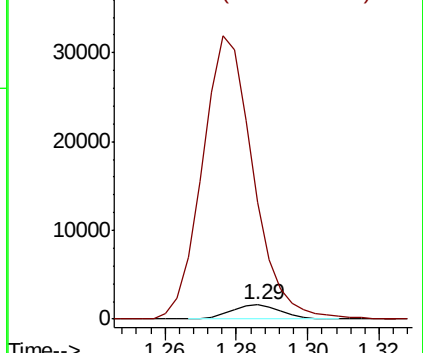
62 100

64 825.0 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VU028495.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU028495.D (-63) (-)



#7

Trichlorofluoromethane

Concen: 0.502 ug/l

RT: 1.89 min Scan# 222

Delta R.T. -0.00 min

Lab File: VU028623.D

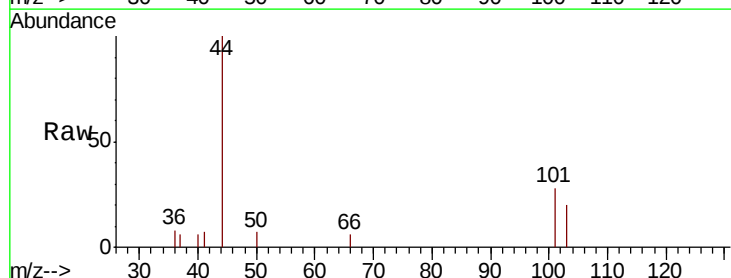
Acq: 11 Dec 2018 21:39

Tgt Ion: 101 Resp: 758

Ion Ratio Lower Upper

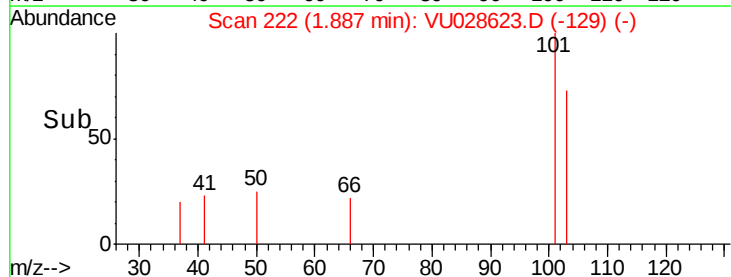
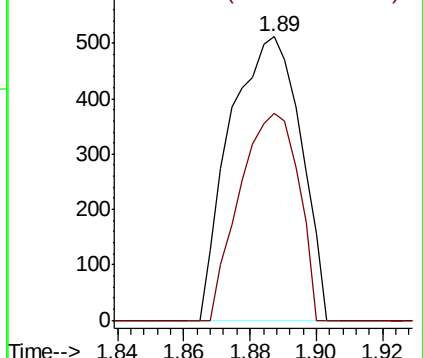
101 100

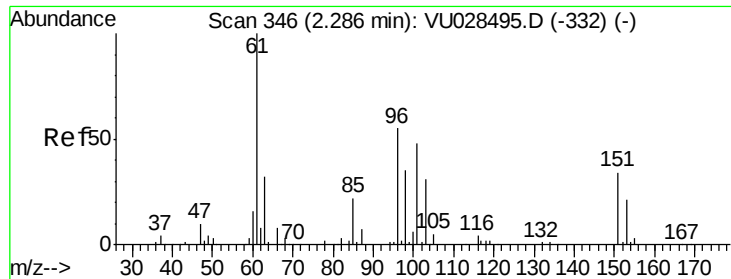
103 73.0 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): VU028495.D (-210) (-)

Ion 102.80 (102.50 to 103.50): VU028495.D (-210) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.063 ug/l

RT: 2.08 min Scan# 283

Delta R.T. -0.20 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

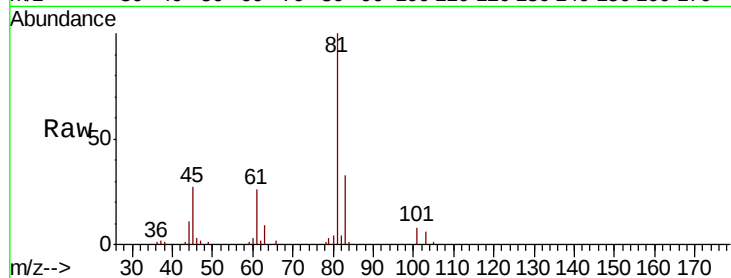
Tot Ion:101 Resp: 2767

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

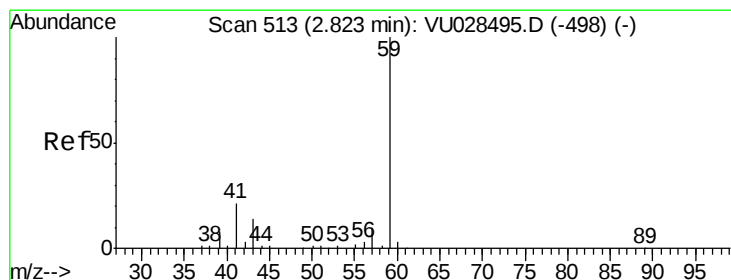
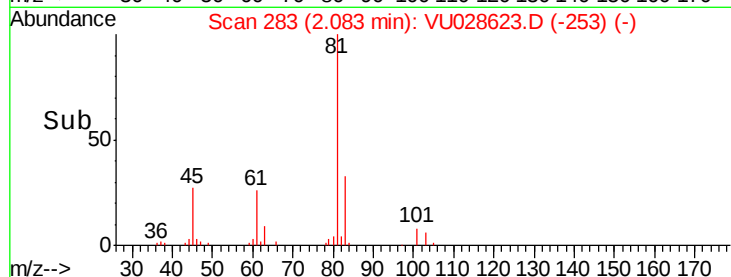
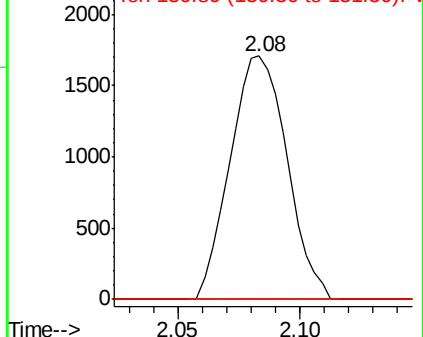
151 0.0 58.2 87.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 13.366 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU028623.D

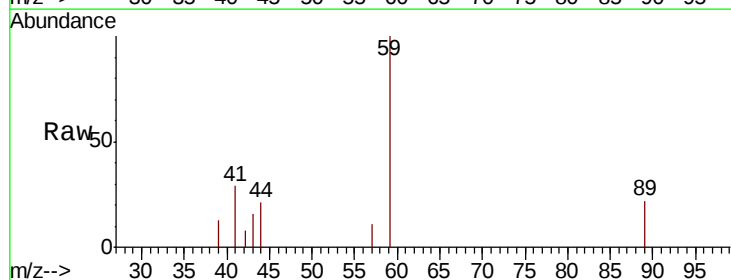
Acq: 11 Dec 2018 21:39

Tgt Ion: 59 Resp: 3669

Ion Ratio Lower Upper

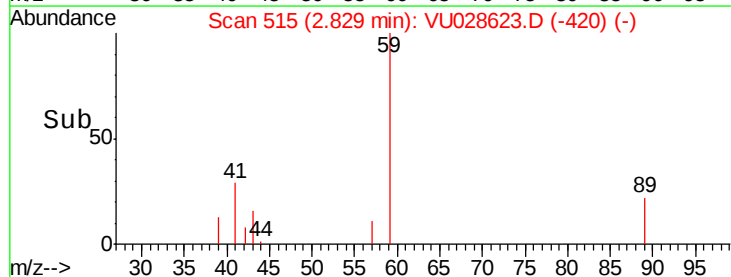
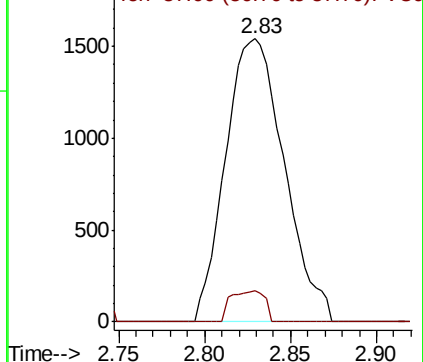
59 100

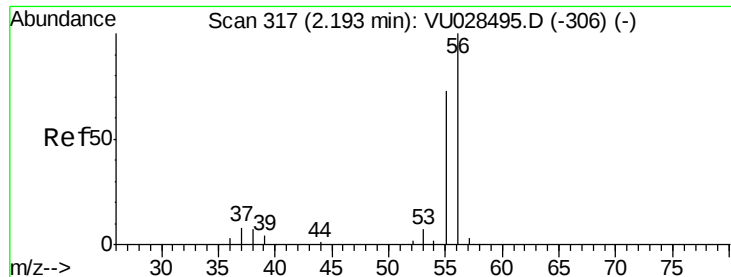
57 6.4 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#13

Acrolein

Concen: 0.302 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

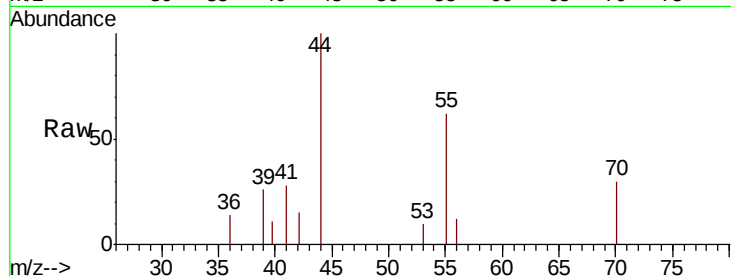
P001-SW001-01DL

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

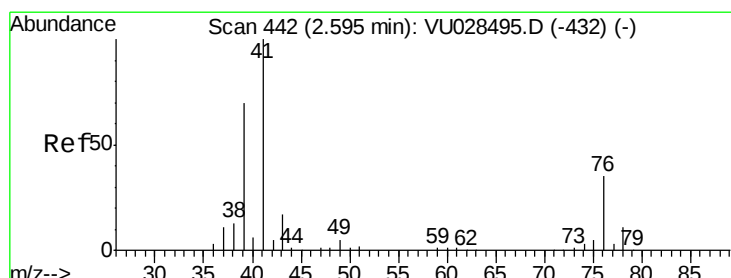
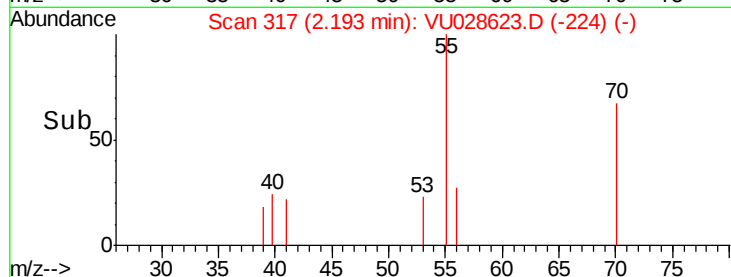
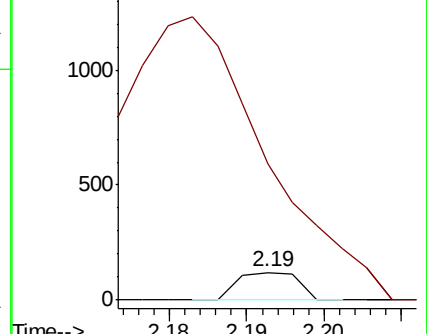
56 100

55 2631.8 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: 1.655 ug/l

RT: 2.56 min Scan# 430

Delta R.T. -0.04 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

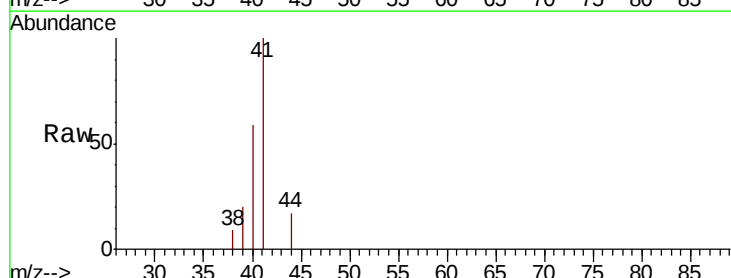
Tgt Ion: 41 Resp: 3520

Ion Ratio Lower Upper

41 100

39 19.9 50.8 76.2#

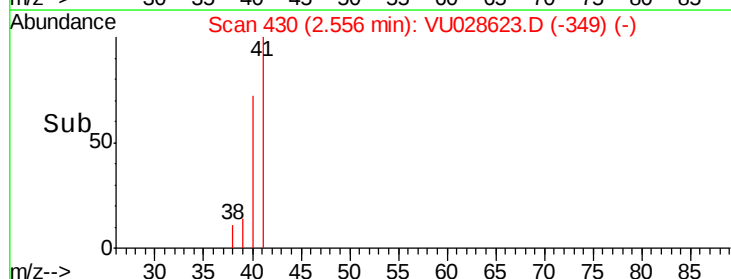
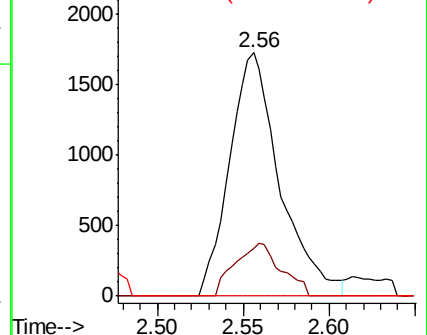
76 0.0 24.8 37.2#

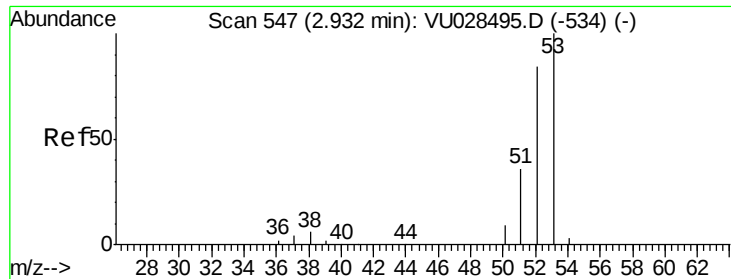


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 0.304 ug/l

RT: 2.95 min Scan# 553

Delta R.T. 0.02 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

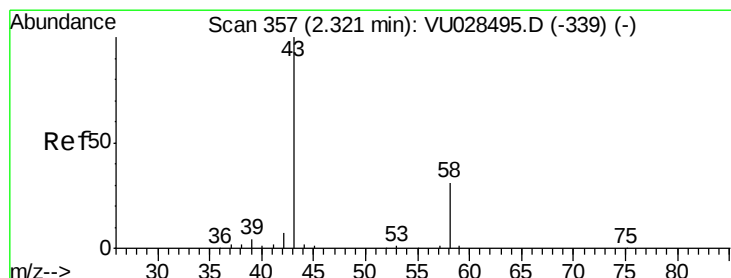
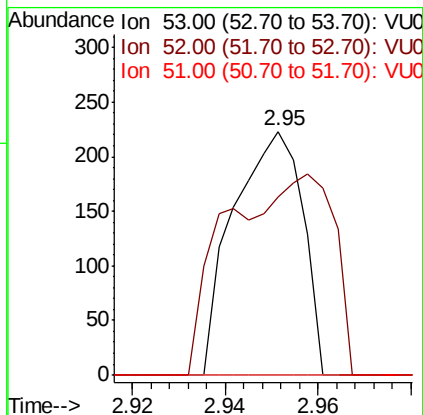
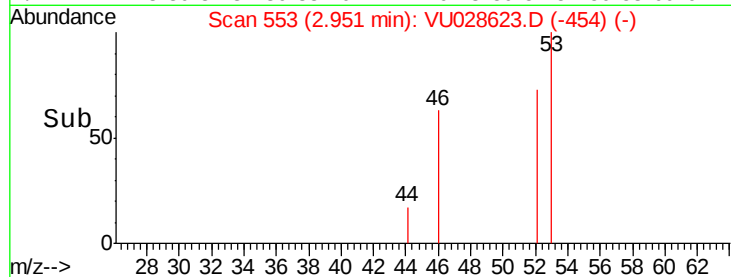
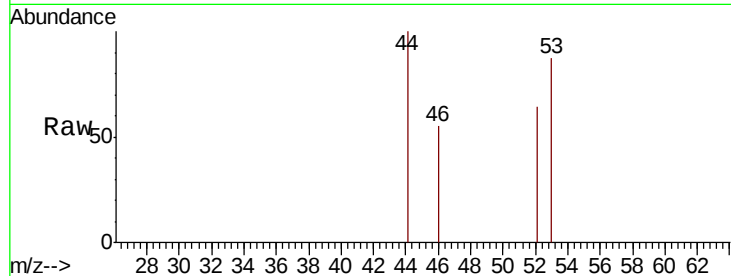
Tot Ion: 53 Resp: 232

Ion Ratio Lower Upper

53 100

52 45.3 66.1 99.1#

51 0.0 28.1 42.1#



#16

Acetone

Concen: 39.628 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028623.D

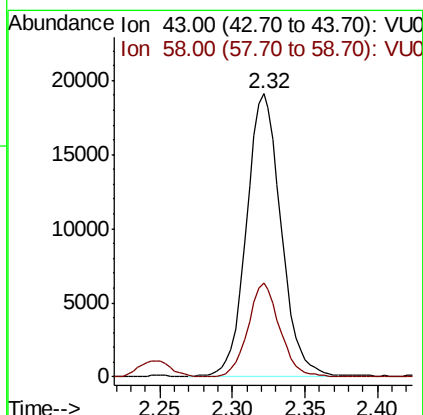
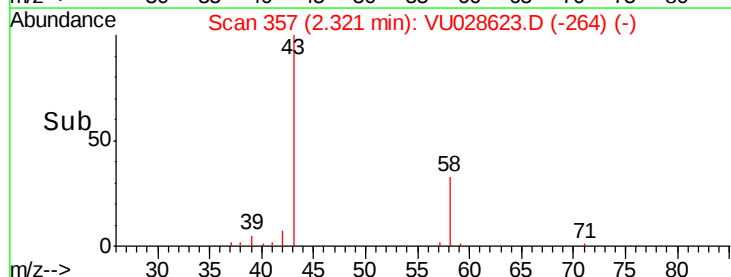
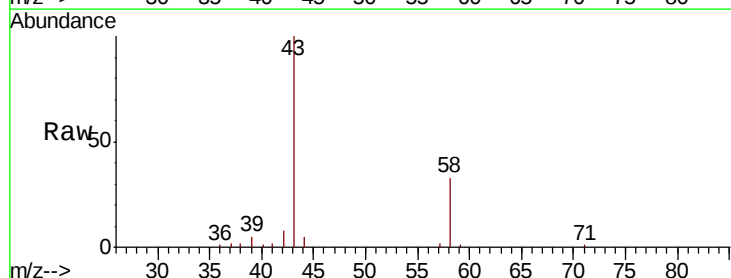
Acq: 11 Dec 2018 21:39

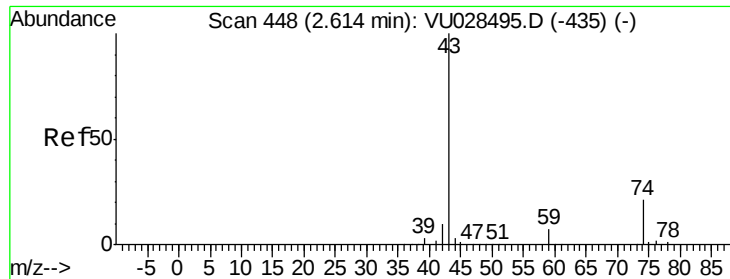
Tgt Ion: 43 Resp: 31859

Ion Ratio Lower Upper

43 100

58 33.0 24.6 37.0

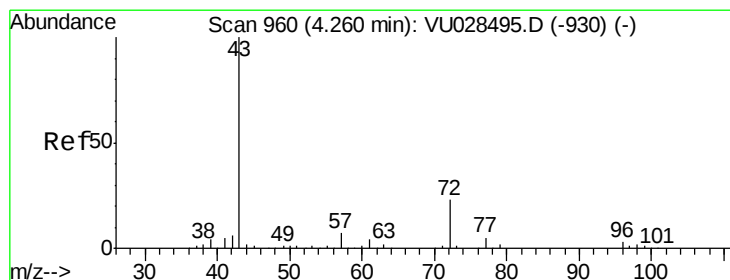
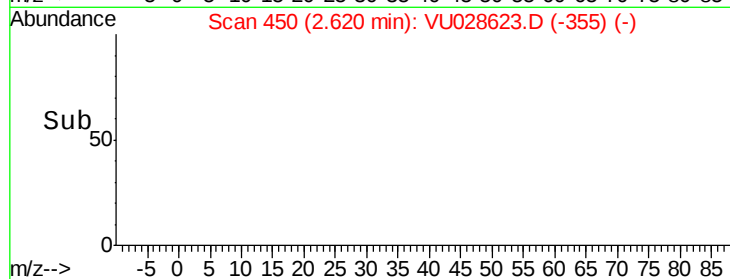
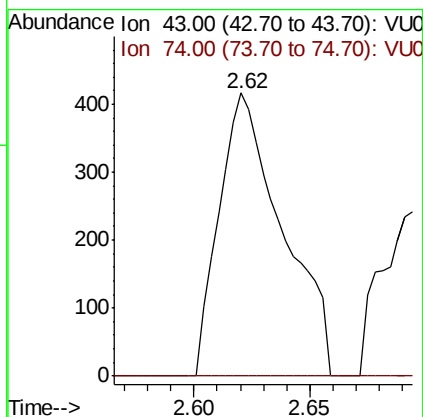
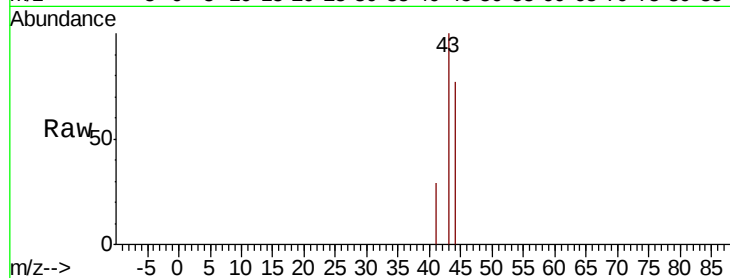




#18
Methyl Acetate
Concen: 0.379 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

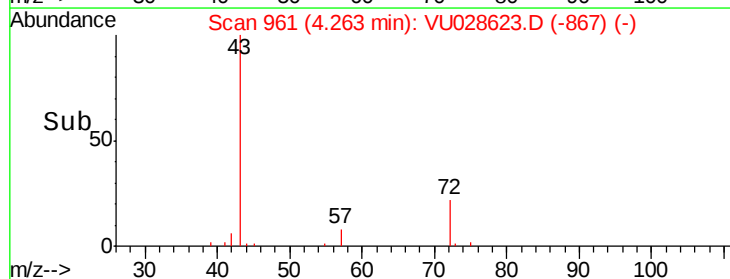
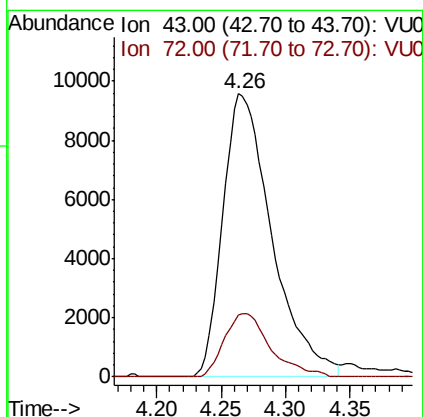
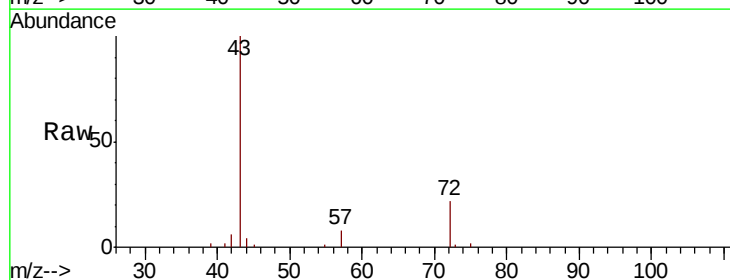
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

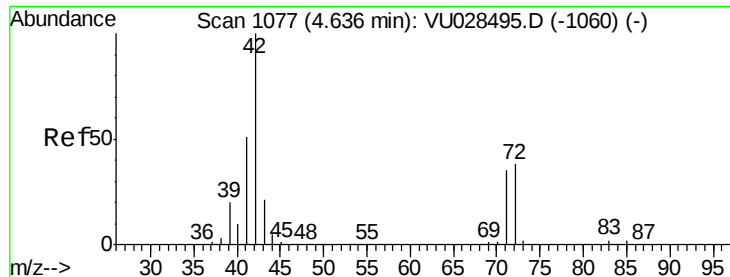
Tot Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#25
2-Butanone
Concen: 23.067 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 43 Resp: 25344
Ion Ratio Lower Upper
43 100
72 21.7 18.6 28.0

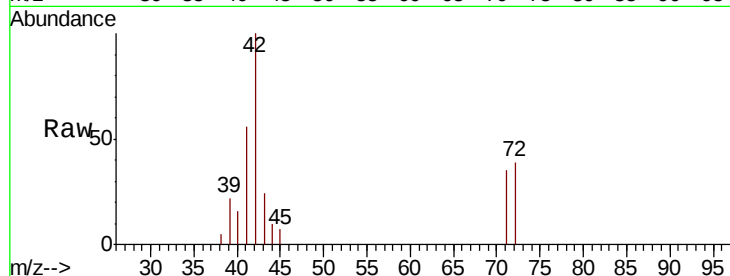




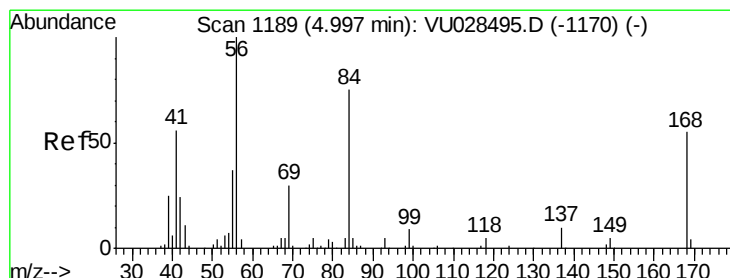
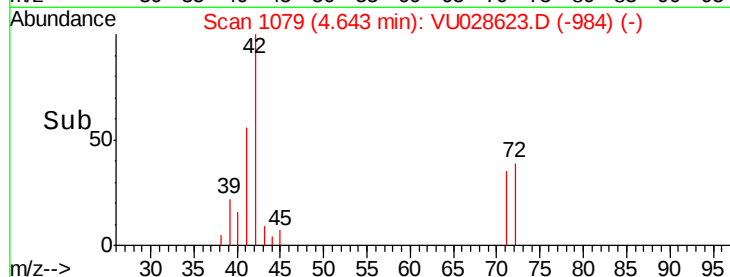
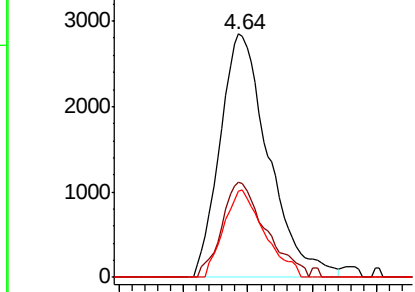
#29
Tetrahydrofuran
Concen: 10.550 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Tot Ion: 42 Resp: 7444
Ion Ratio Lower Upper
42 100
72 35.3 31.4 47.0
71 29.9 28.6 43.0

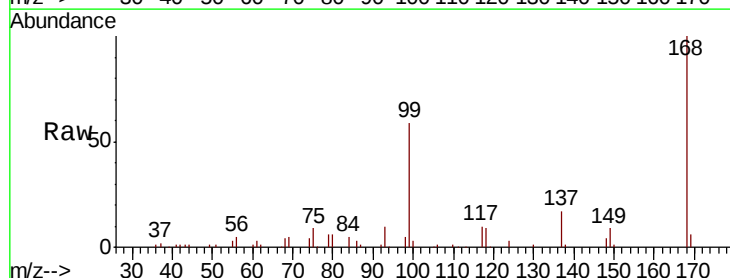


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

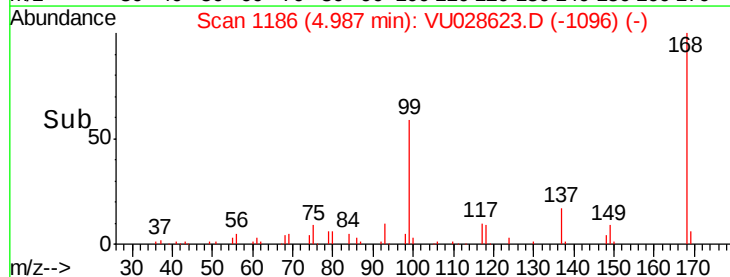
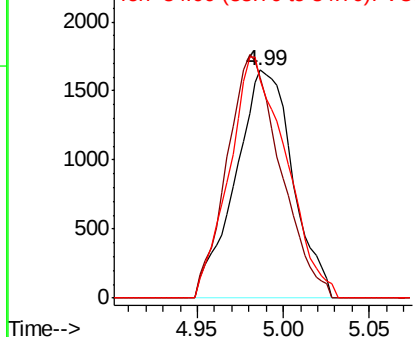


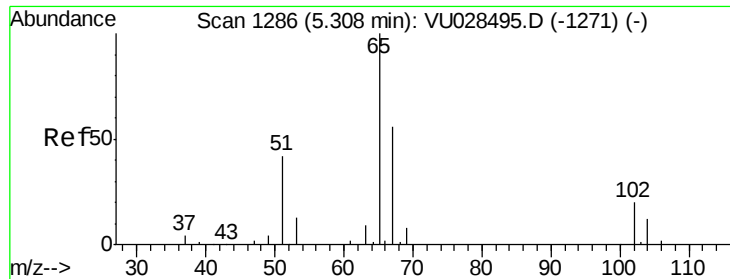
#31
Cyclohexane
Concen: 0.624 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 96.7 24.0 36.0#
84 95.5 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

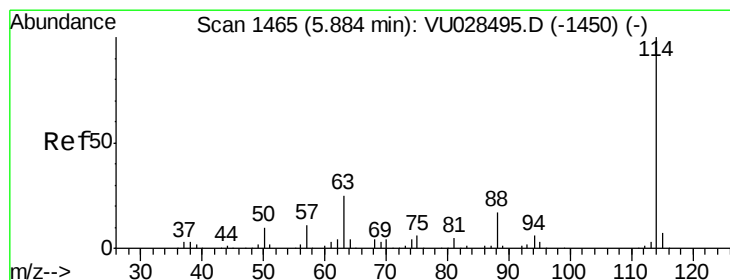
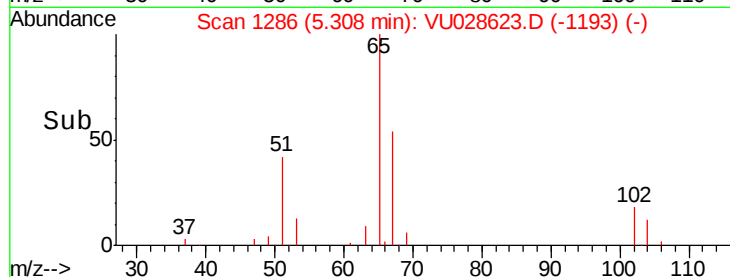
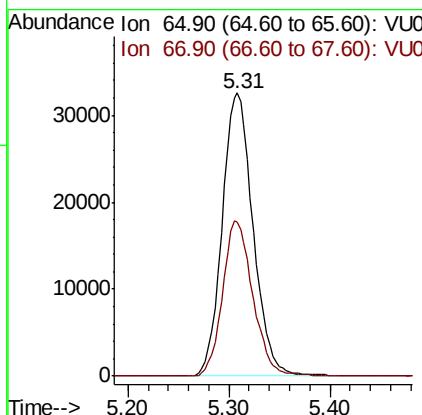
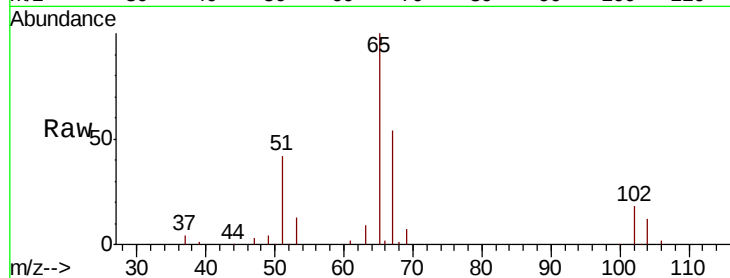




#33
 1,2-Dichloroethane-d4
 Concen: 56.459 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

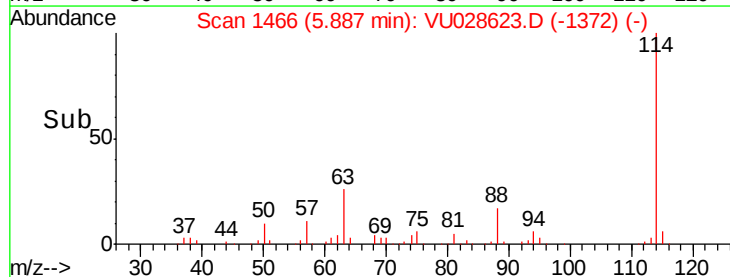
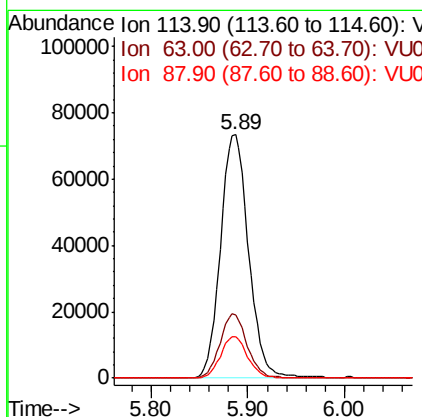
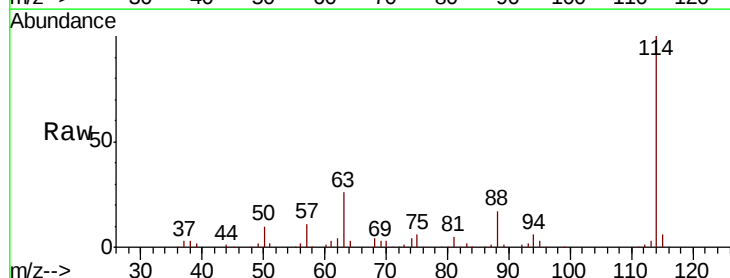
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

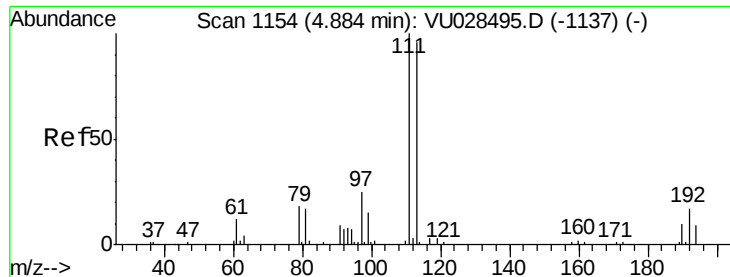
Tot Ion: 65 Resp: 69559
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

Tgt Ion: 114 Resp: 148157
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.3 0.0 33.4

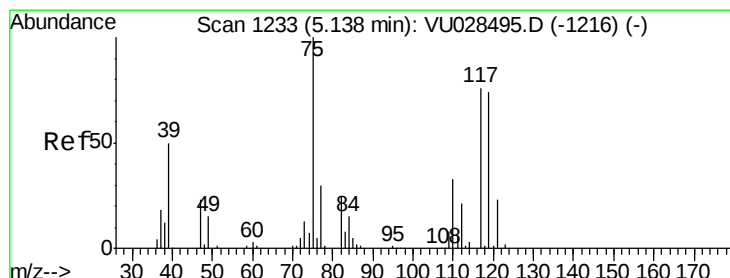
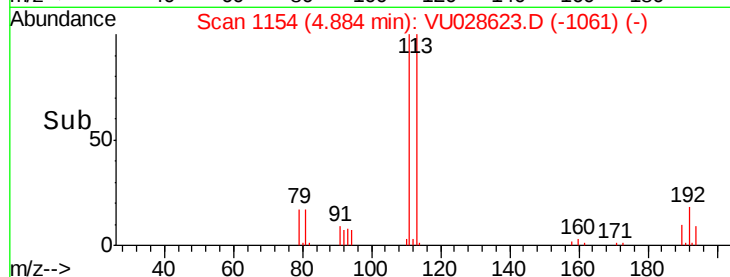
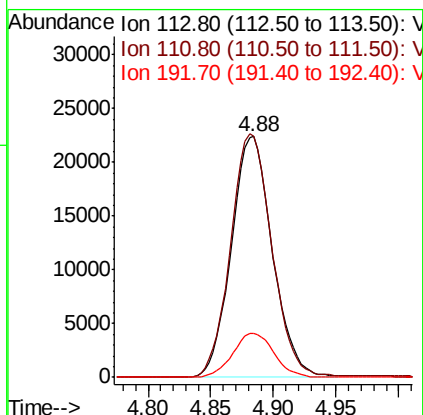
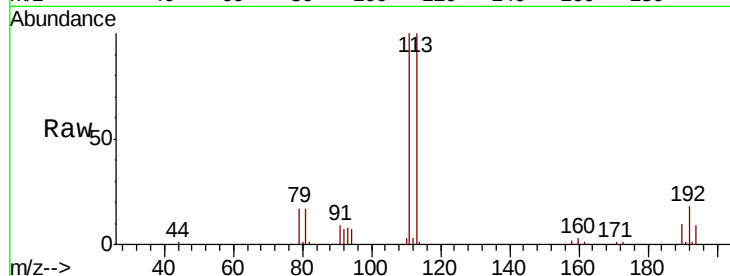




#35
 Dibromofluoromethane
 Concen: 54.616 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

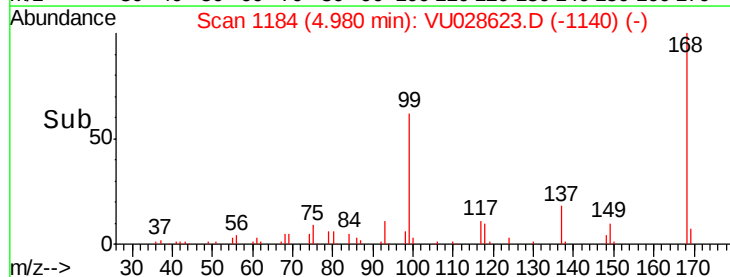
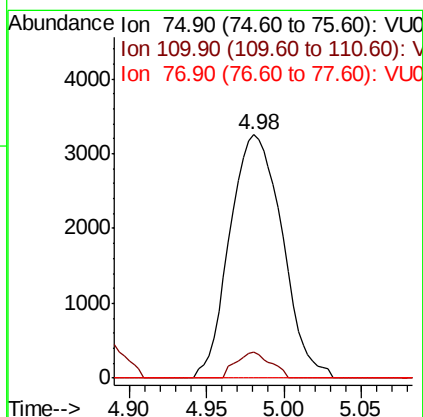
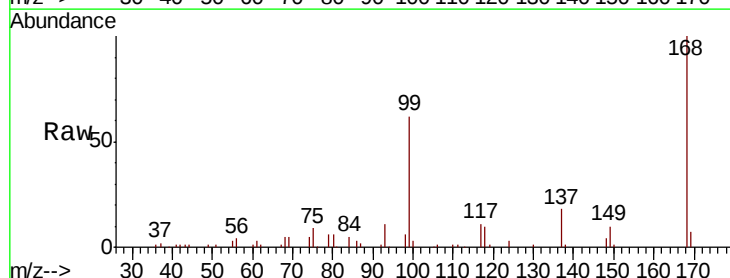
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

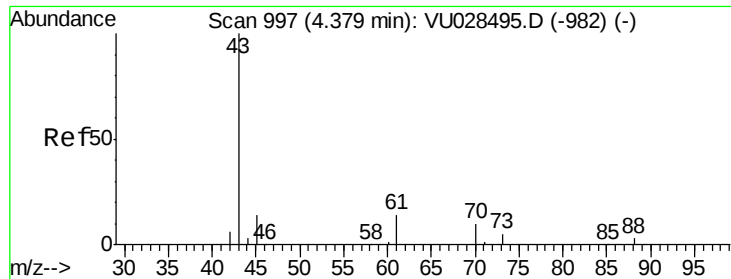
Tot Ion:113 Resp: 50922
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 18.3 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

Tgt Ion: 75 Resp: 7652
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.1 48.2#
 77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 12.093 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.12 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

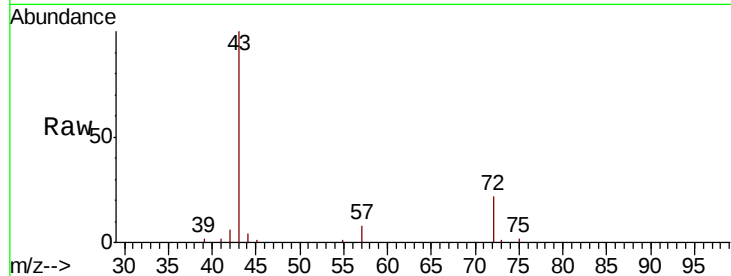
Tot Ion: 43 Resp: 25344

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

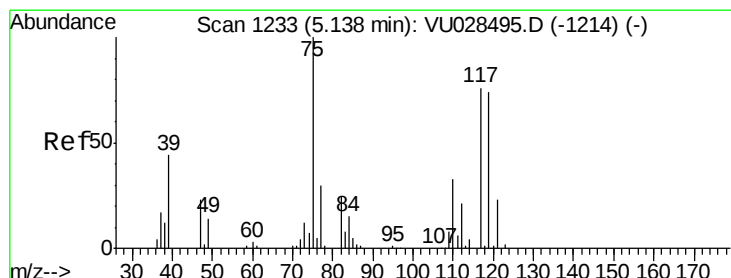
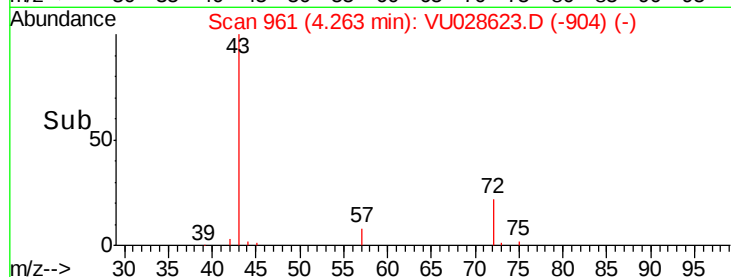
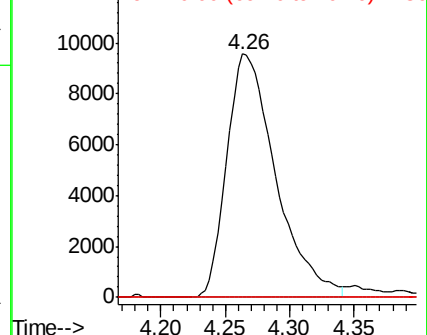
70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38

Carbon Tetrachloride

Concen: 6.245 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

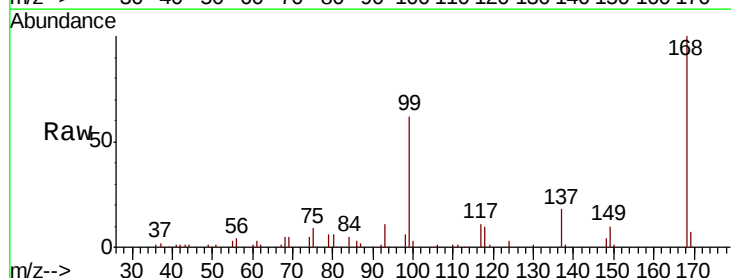
Tgt Ion: 117 Resp: 8160

Ion Ratio Lower Upper

117 100

119 4.7 77.6 116.4#

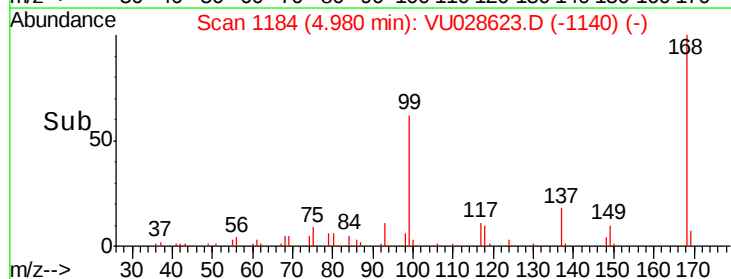
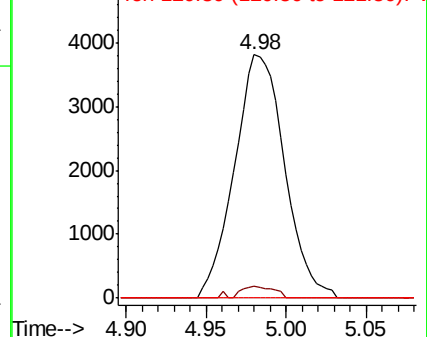
121 0.0 24.6 36.8#

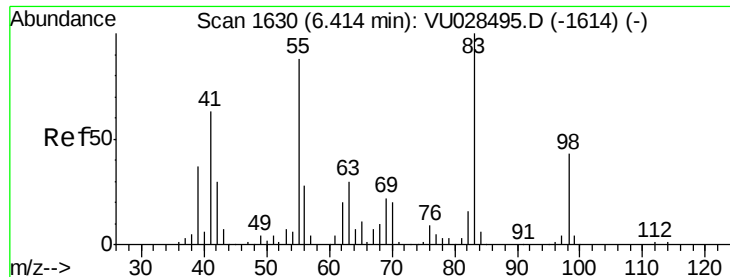


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

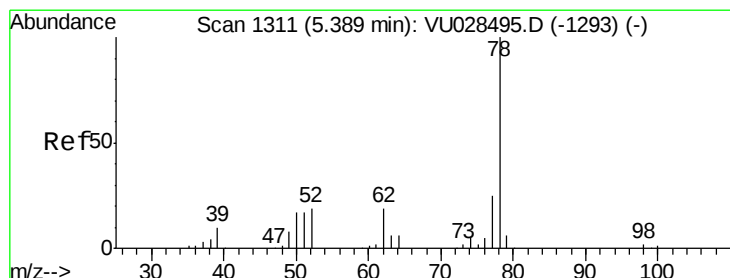
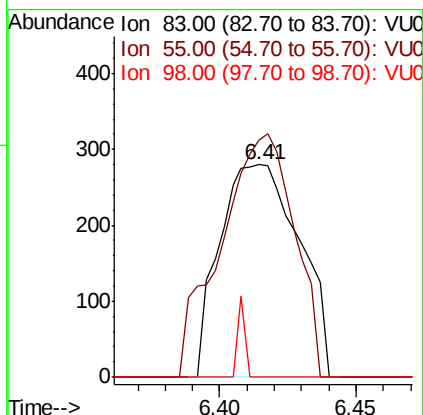
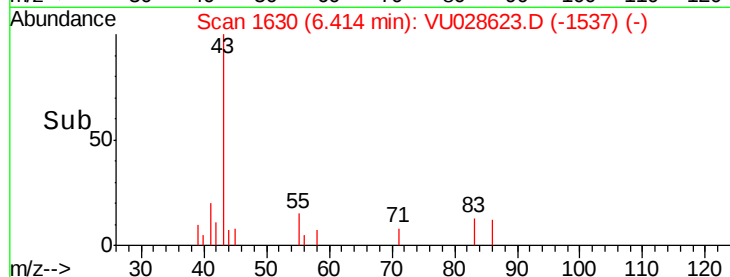
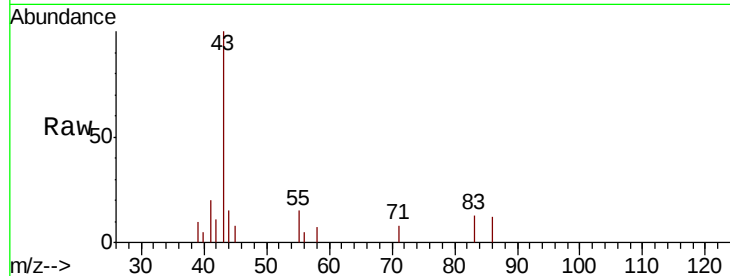




#39
Methvlcvclohexane
Concen: 0.288 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

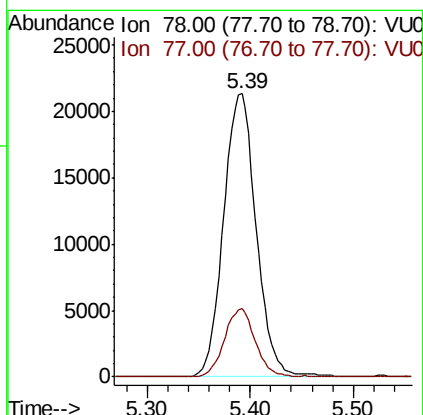
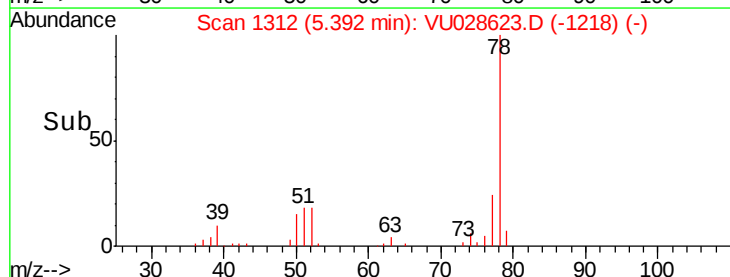
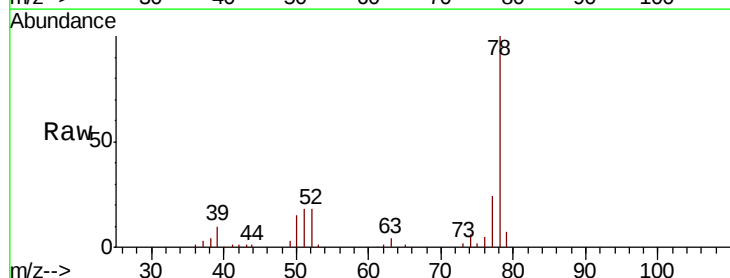
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

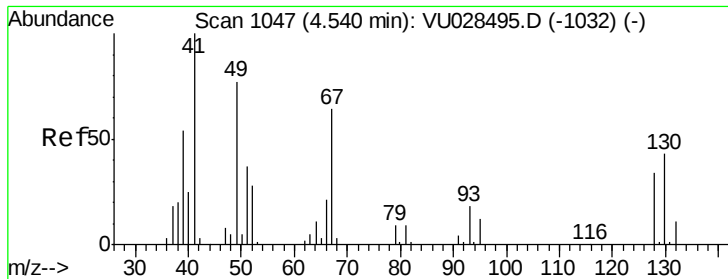
Tot Ion: 83 Resp: 569
Ion Ratio Lower Upper
83 100
55 111.4 70.2 105.2#
98 0.0 34.2 51.4#



#40
Benzene
Concen: 9.831 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 78 Resp: 46943
Ion Ratio Lower Upper
78 100
77 23.9 19.9 29.9





#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 4.58 min Scan# 1059

Delta R.T. 0.04 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

Tot Ion: 41 Resp: 861

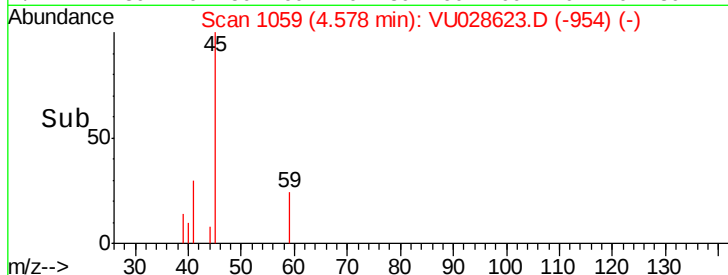
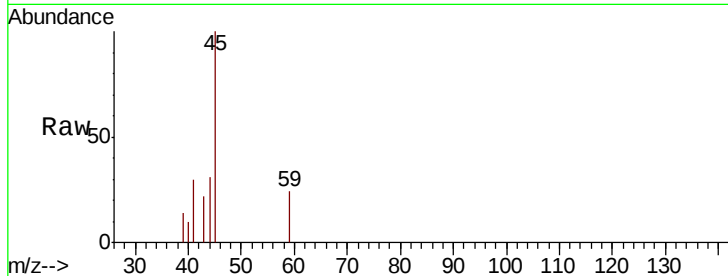
Ion Ratio Lower Upper

41 100

39 37.6 43.3 64.9#

67 10.8 53.6 80.4#

52 0.0 22.1 33.1#

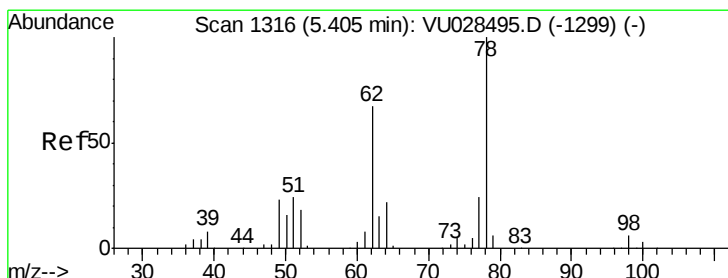
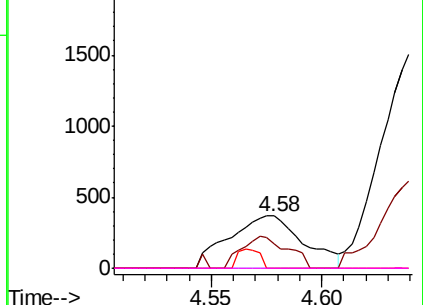


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 0.254 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VU028623.D

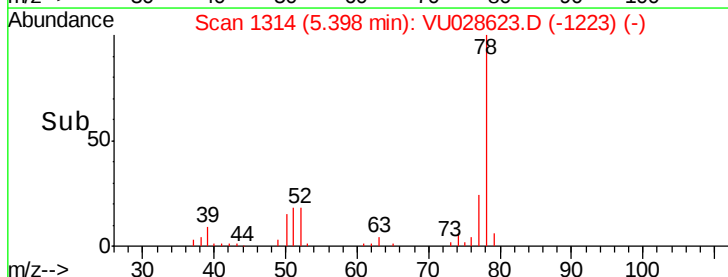
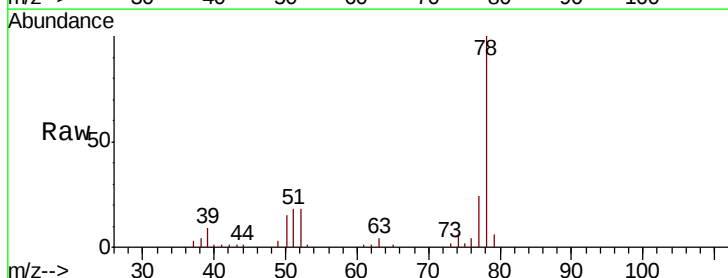
Acq: 11 Dec 2018 21:39

Tgt Ion: 62 Resp: 425

Ion Ratio Lower Upper

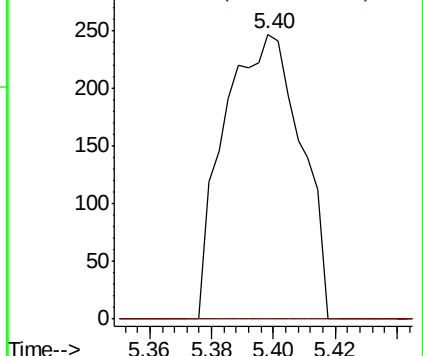
62 100

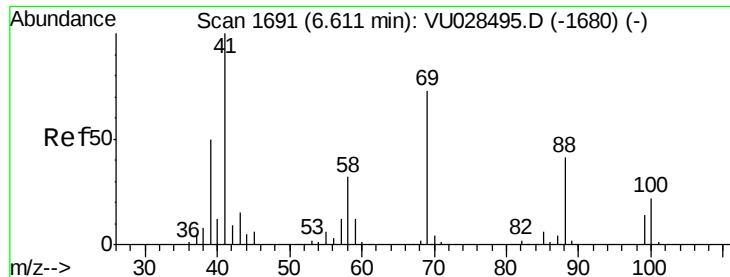
98 0.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#49

1,4-Dioxane

Concen: 12.063 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

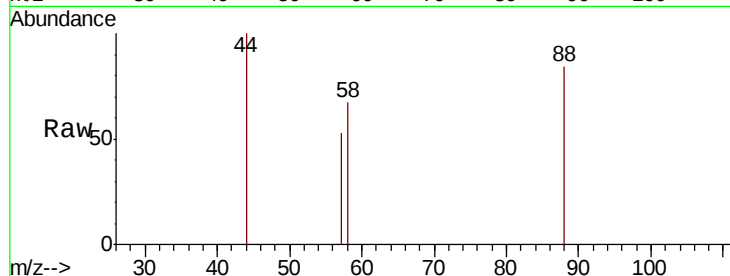
Tot Ion: 88 Resp: 314

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

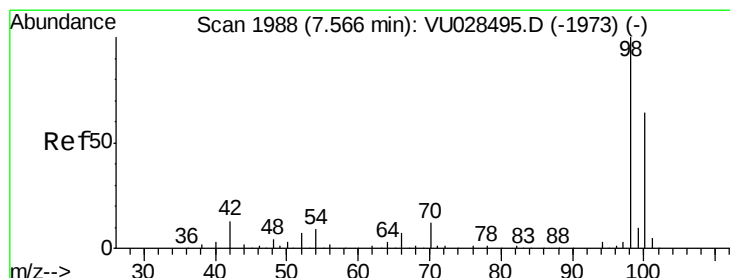
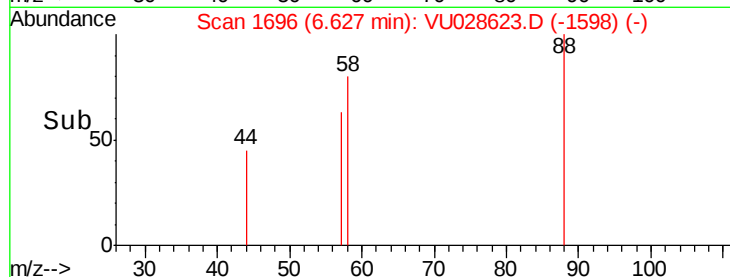
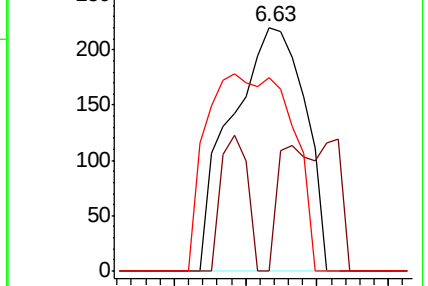
58 93.9 62.4 93.6#



Abundance Ion 88.00 (87.70 to 88.70): VU028623.D (-1598) (-)

Ion 43.00 (42.70 to 43.70): VU028623.D (-1598) (-)

Ion 58.00 (57.70 to 58.70): VU028623.D (-1598) (-)



#50

Toluene-d8

Concen: 52.464 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028623.D

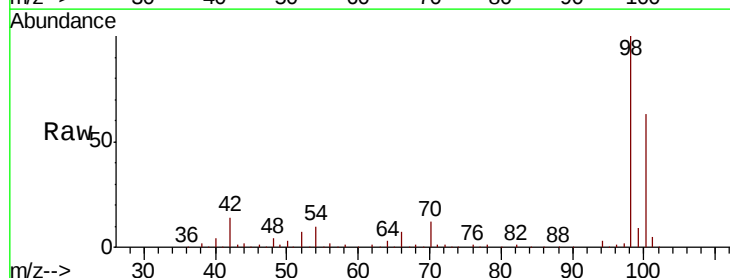
Acq: 11 Dec 2018 21:39

Tgt Ion: 98 Resp: 193501

Ion Ratio Lower Upper

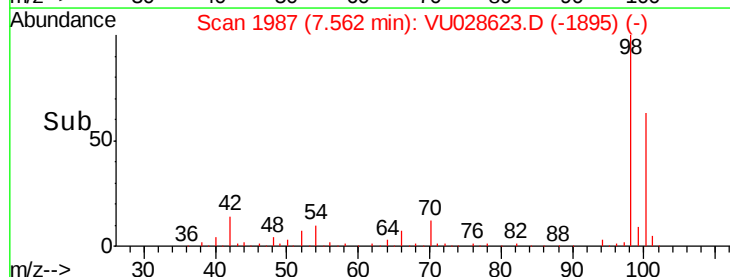
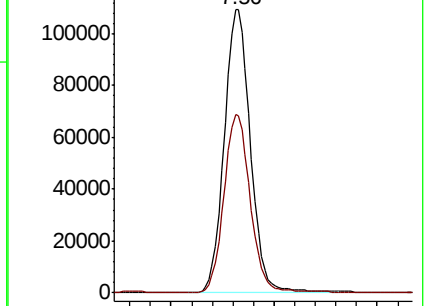
98 100

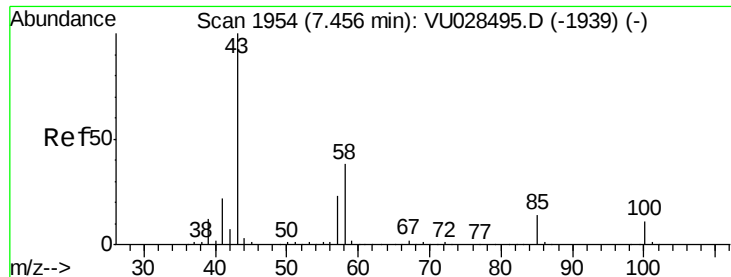
100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028623.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028623.D (-1895) (-)





#51

4-Methyl-2-Pentanone

Concen: 5.947 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

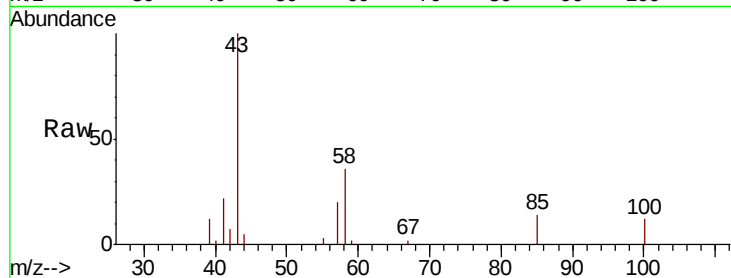
P001-SW001-01DL

Tot Ion: 43 Resp: 12434

Ion Ratio Lower Upper

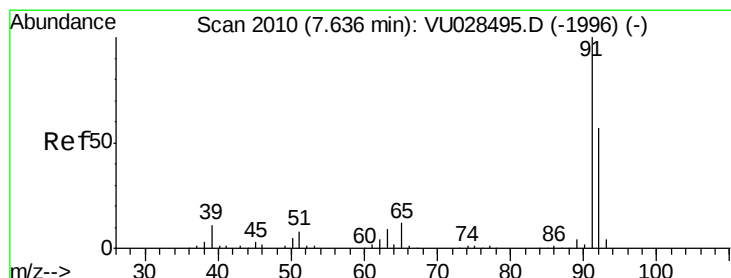
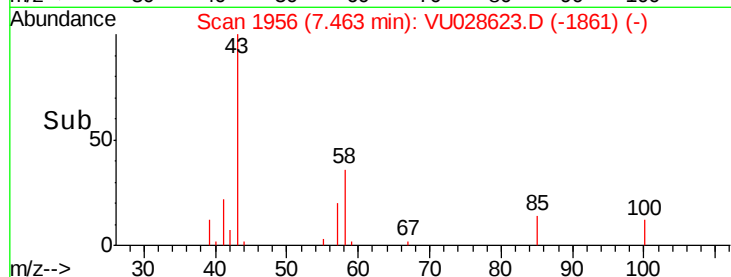
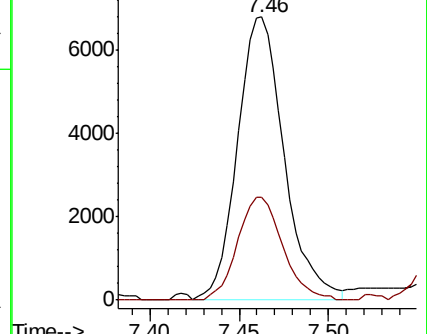
43 100

58 35.1 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 37.175 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028623.D

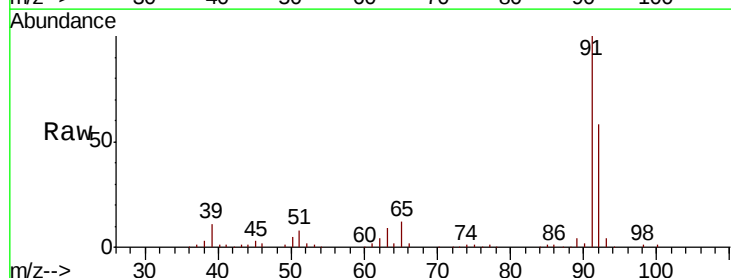
Acq: 11 Dec 2018 21:39

Tgt Ion: 92 Resp: 104467

Ion Ratio Lower Upper

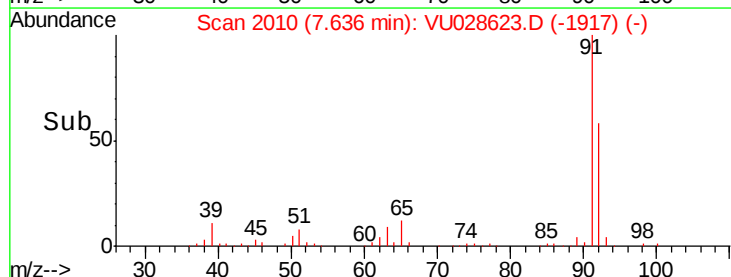
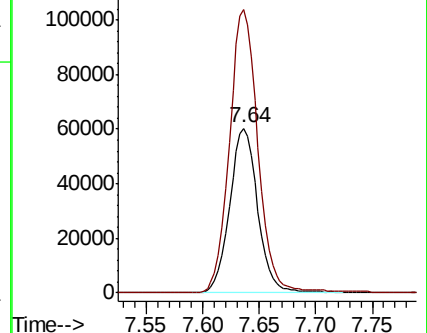
92 100

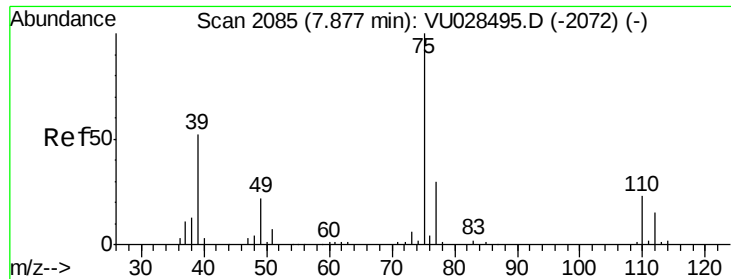
91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

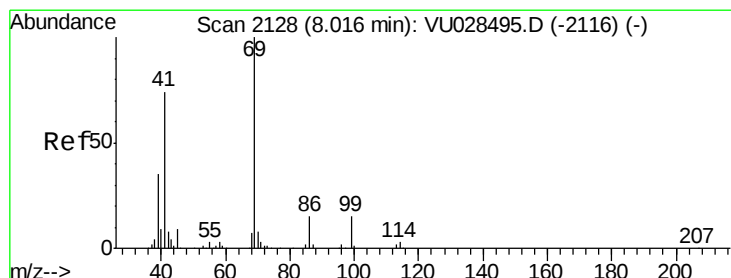
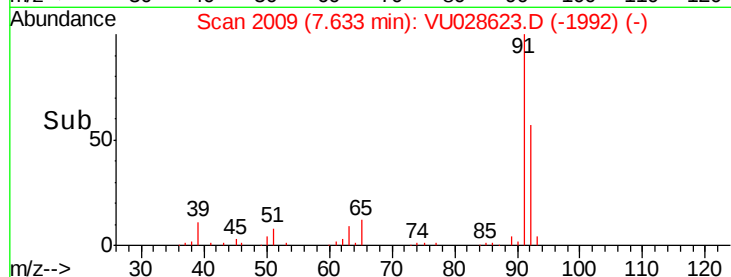
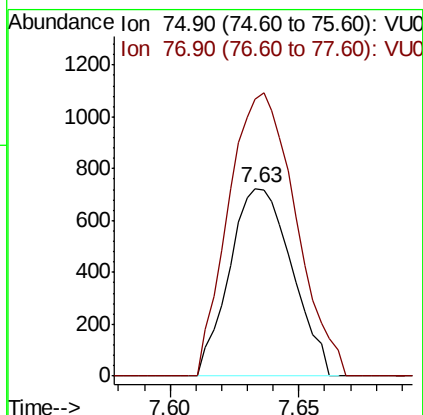
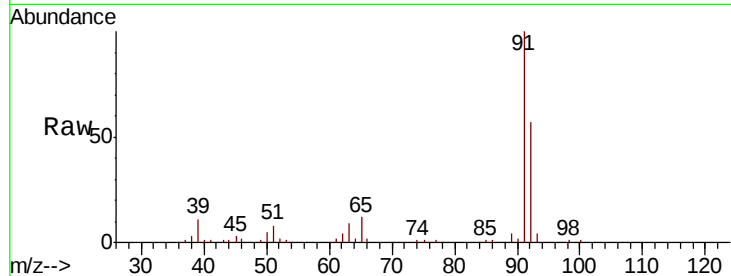




#53
t-1,3-Dichloropropene
Concen: 0.662 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.24 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

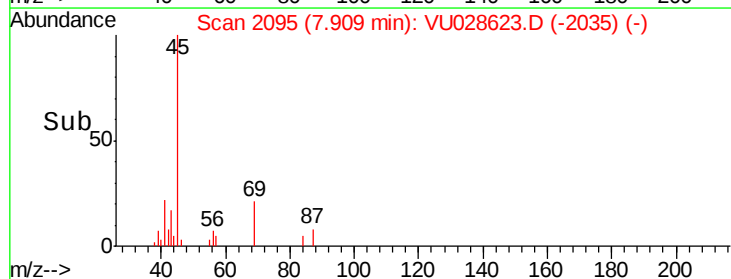
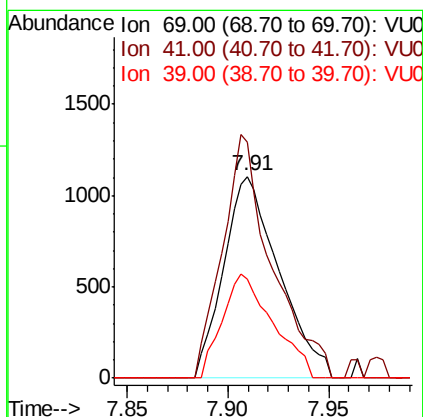
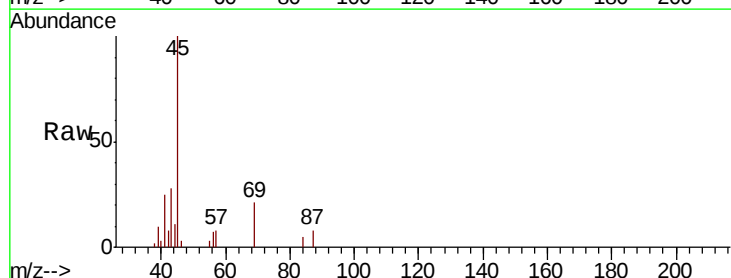
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

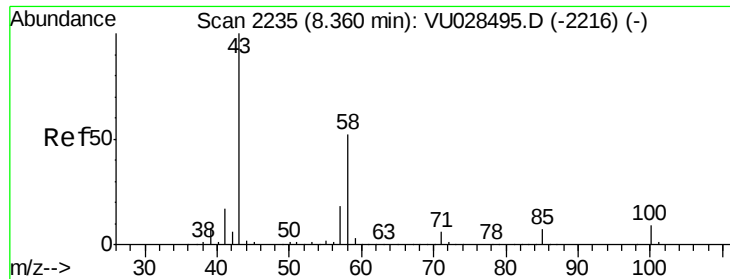
Tot Ion: 75 Resp: 1222
Ion Ratio Lower Upper
75 100
77 147.2 24.2 36.4#



#56
Ethyl methacrylate
Concen: 1.109 ug/l
RT: 7.91 min Scan# 2095
Delta R.T. -0.11 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 69 Resp: 2110
Ion Ratio Lower Upper
69 100
41 107.6 59.1 88.7#
39 47.1 28.4 42.6#

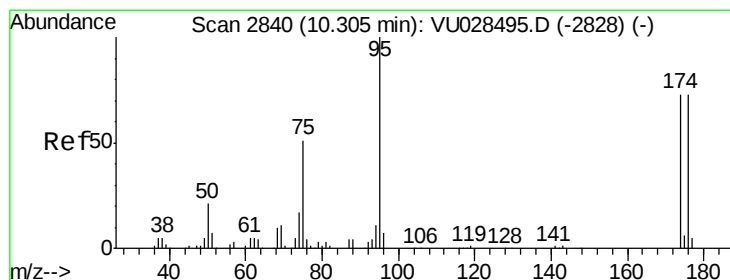
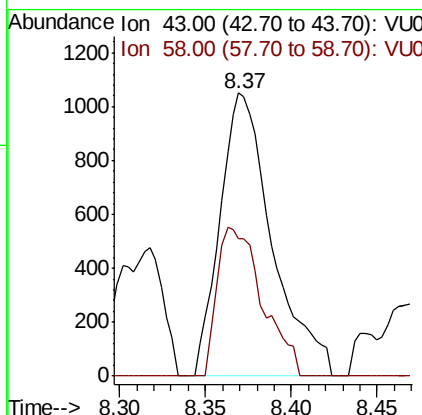
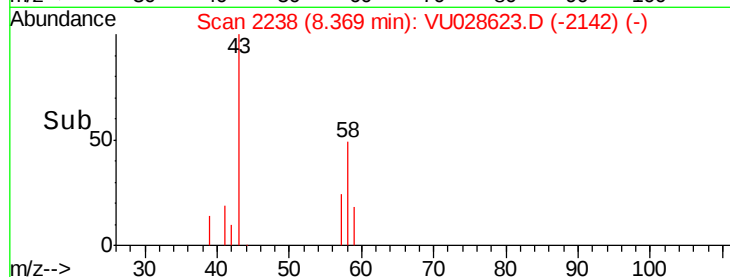
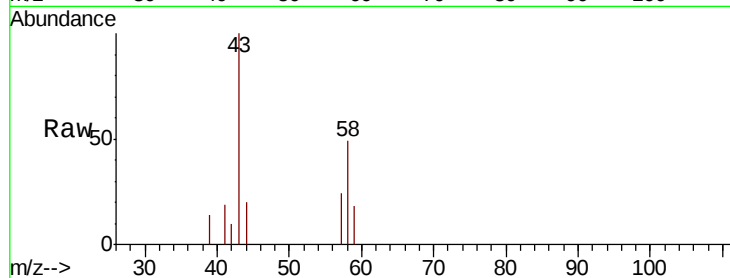




#59
2-Hexanone
Concen: 1.340 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

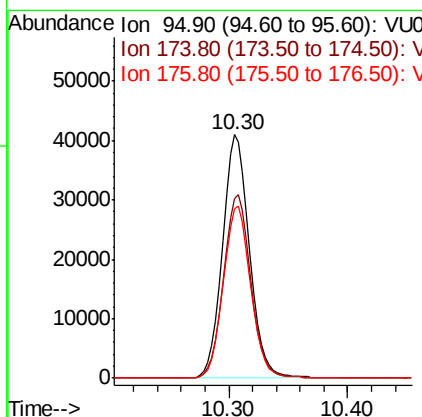
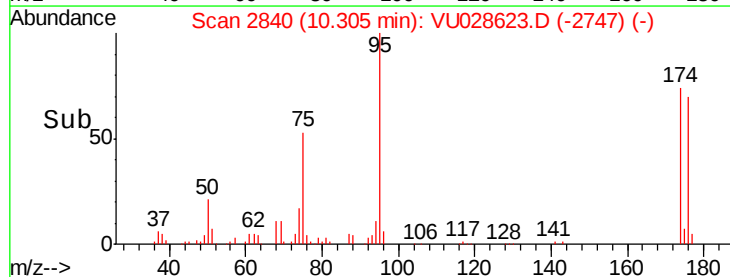
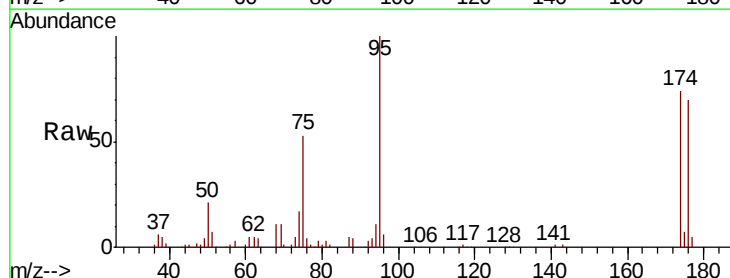
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

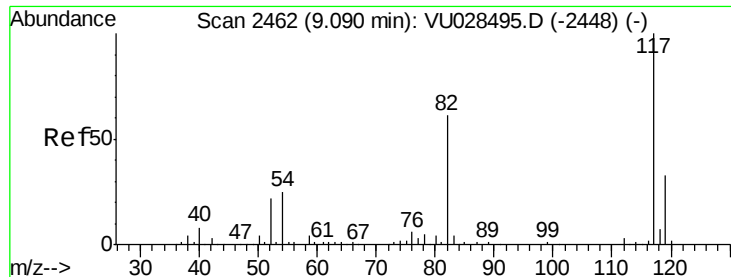
Tot Ion: 43 Resp: 2221
Ion Ratio Lower Upper
43 100
58 45.5 25.9 77.6



#62
4-Bromofluorobenzene
Concen: 46.525 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 95 Resp: 64136
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 71.9 0.0 145.2

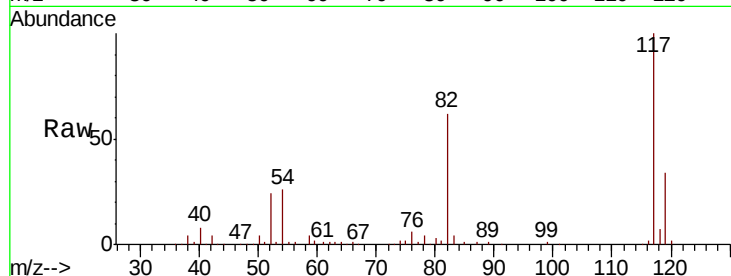




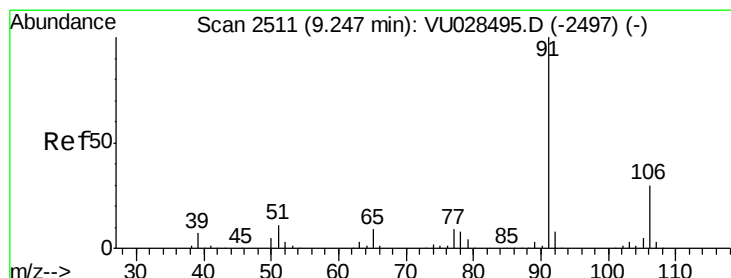
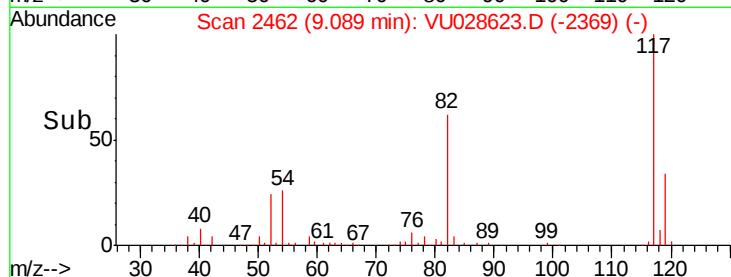
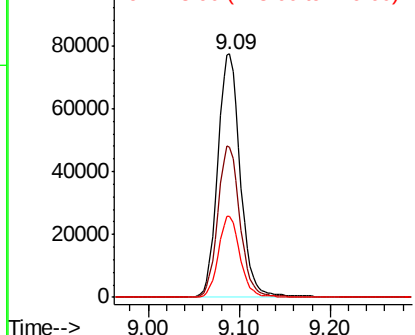
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Tot Ion:117 Resp: 133270
Ion Ratio Lower Upper
117 100
82 61.8 48.9 73.3
119 33.5 26.2 39.4

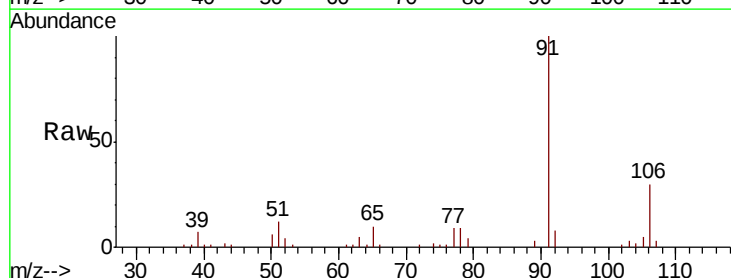


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

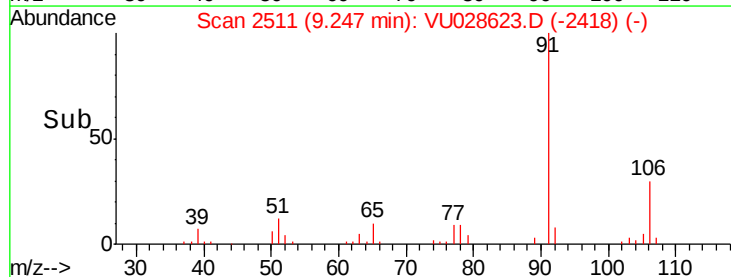
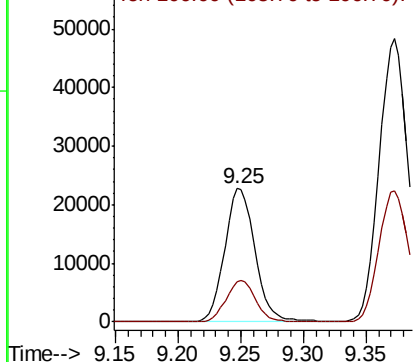


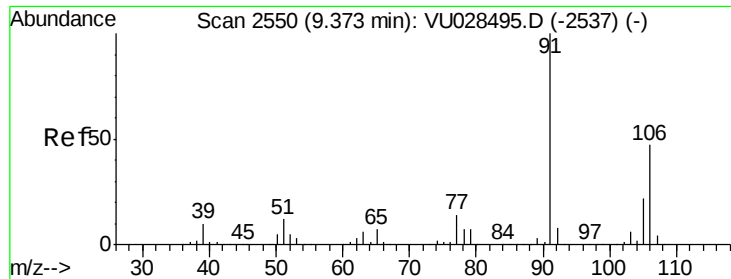
#67
Ethyl Benzene
Concen: 7.334 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 91 Resp: 38289
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

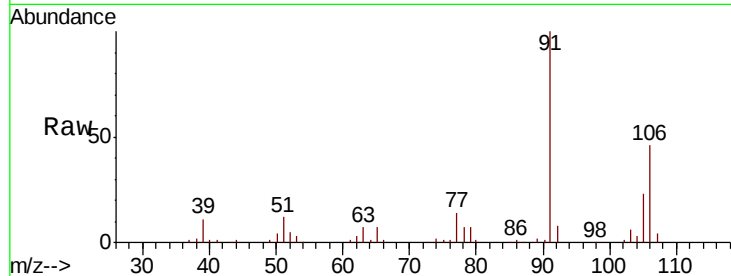




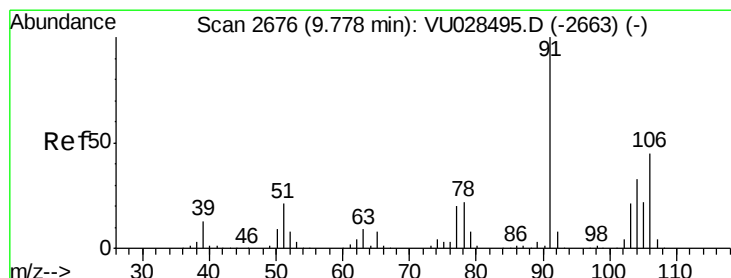
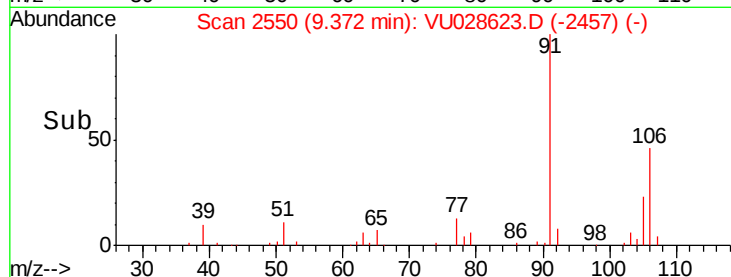
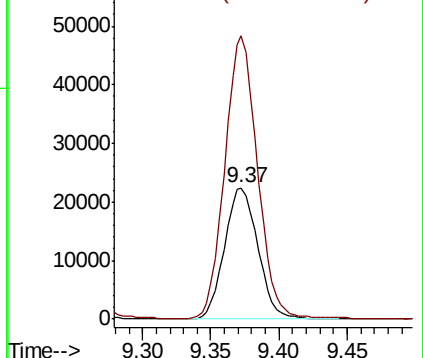
#68
m/p-Xylenes
Concen: 20.145 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Tot Ion:106 Resp: 38267
Ion Ratio Lower Upper
106 100
91 211.3 167.4 251.0

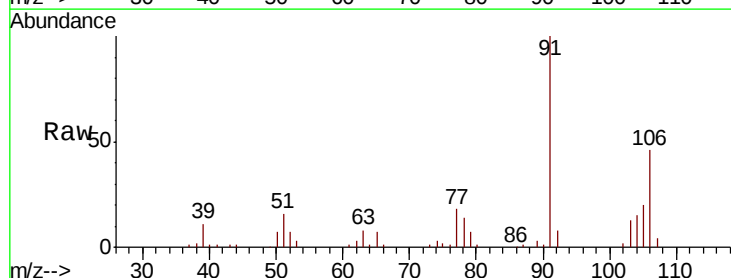


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

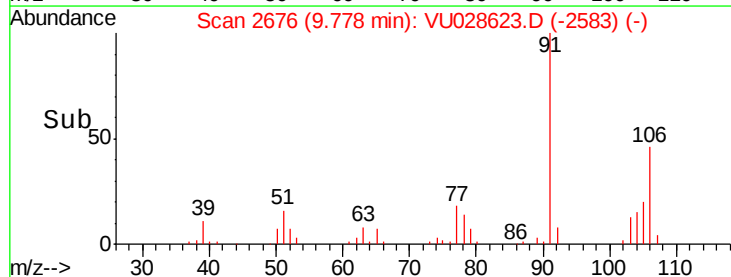
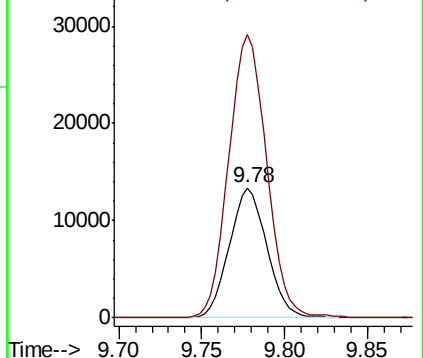


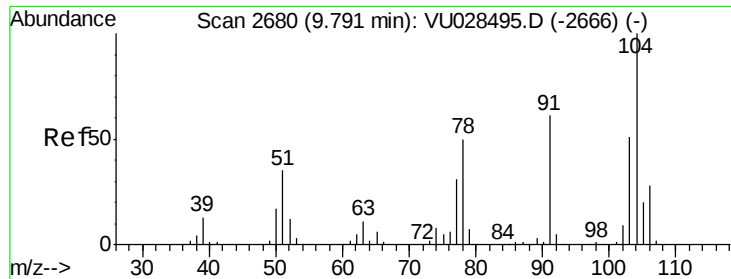
#69
o-Xylene
Concen: 11.423 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion:106 Resp: 21087
Ion Ratio Lower Upper
106 100
91 219.9 111.3 334.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#70

Stvrene

Concen: 5.527 ug/l

RT: 9.79 min Scan# 2680

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

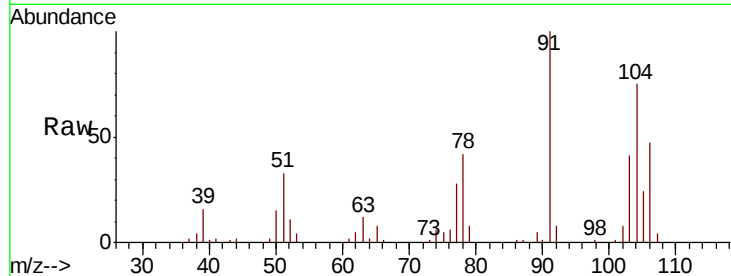
Tot Ion:104 Resp: 16885

Ion Ratio Lower Upper

104 100

78 64.2 43.0 64.6

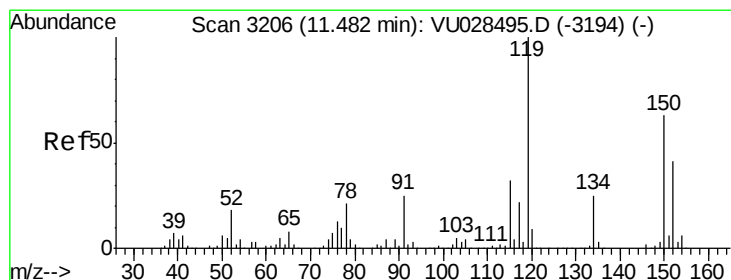
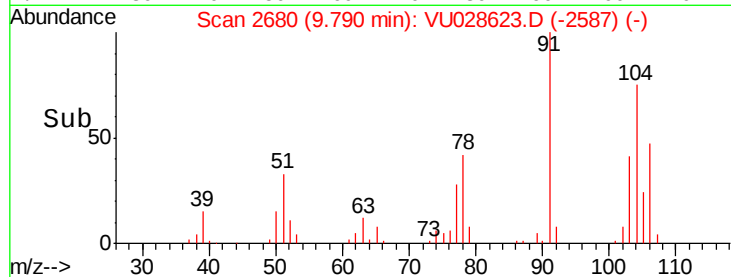
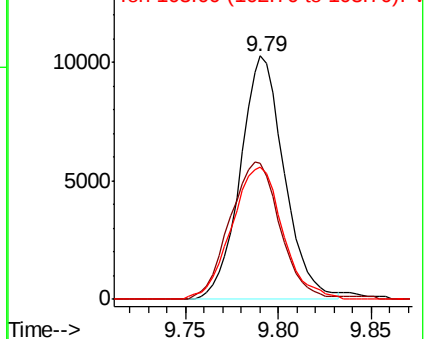
103 63.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

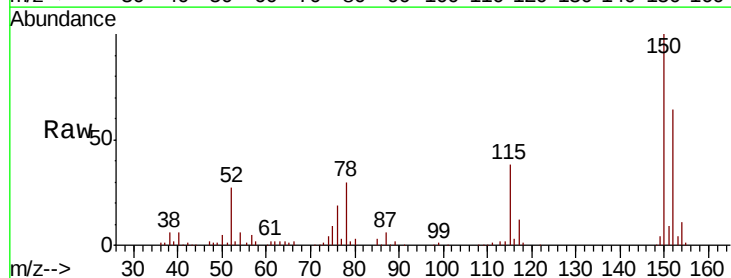
Tgt Ion:152 Resp: 54718

Ion Ratio Lower Upper

152 100

115 60.7 42.7 128.1

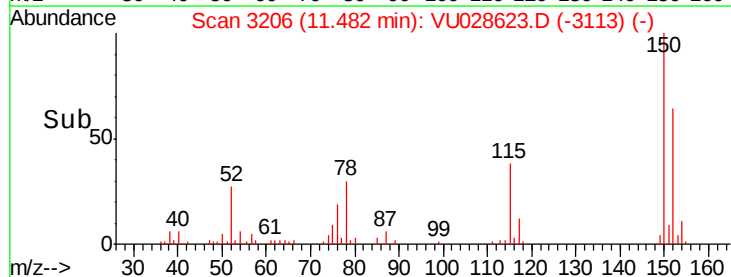
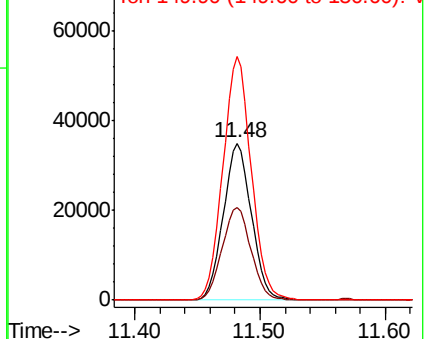
150 156.3 0.0 346.0

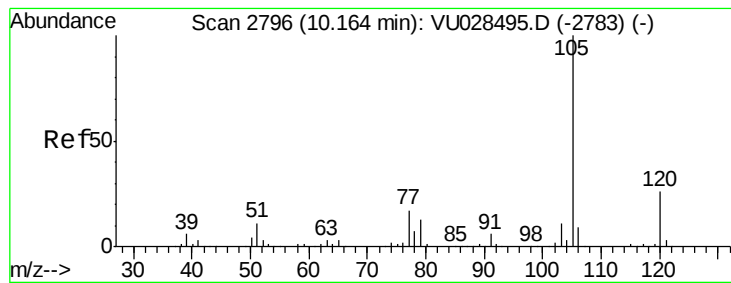


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.697 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

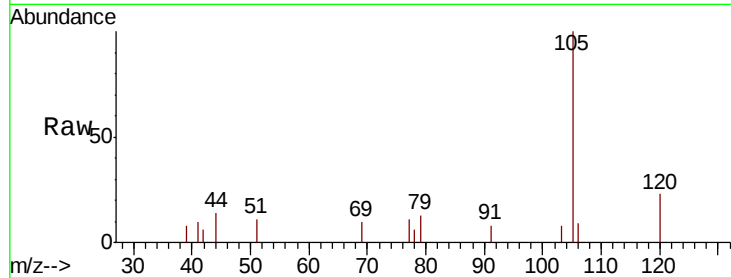
P001-SW001-01DL

Tot Ion: 105 Resp: 2928

Ion Ratio Lower Upper

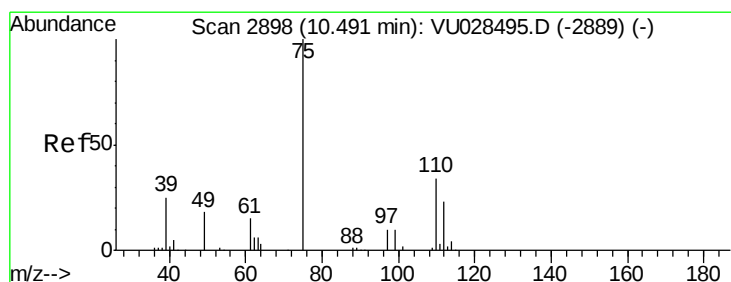
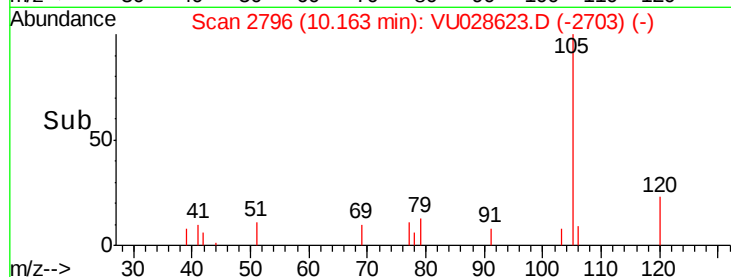
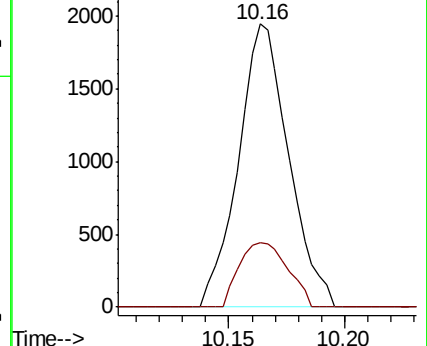
105 100

120 22.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.581 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028623.D

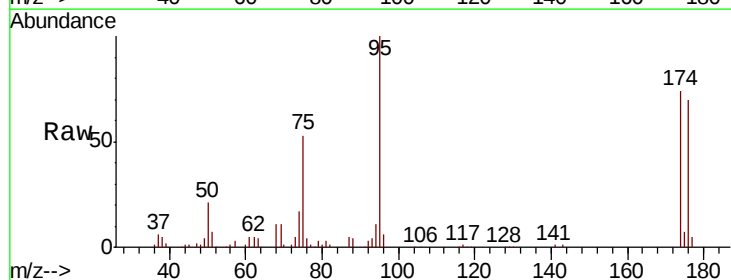
Acq: 11 Dec 2018 21:39

Tgt Ion: 75 Resp: 34346

Ion Ratio Lower Upper

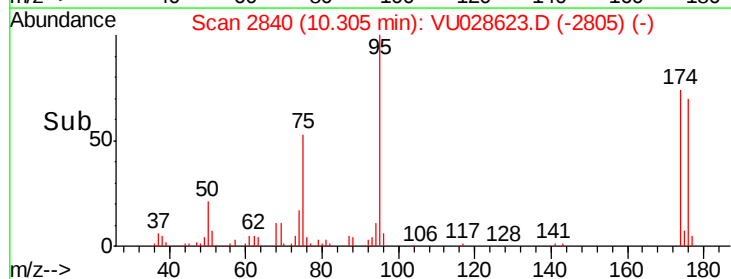
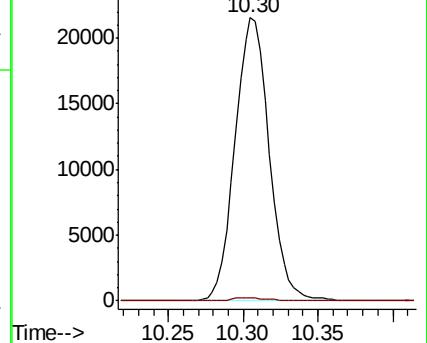
75 100

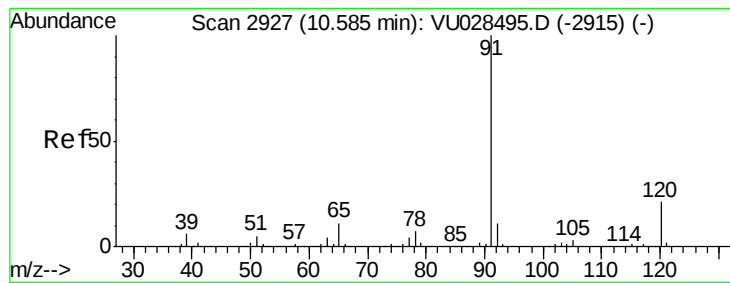
77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.784 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

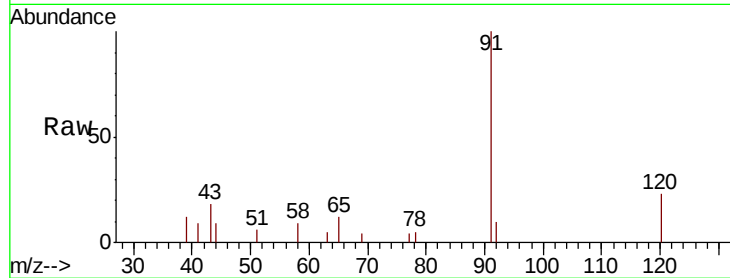
P001-SW001-01DL

Tot Ion: 91 Resp: 4089

Ion Ratio Lower Upper

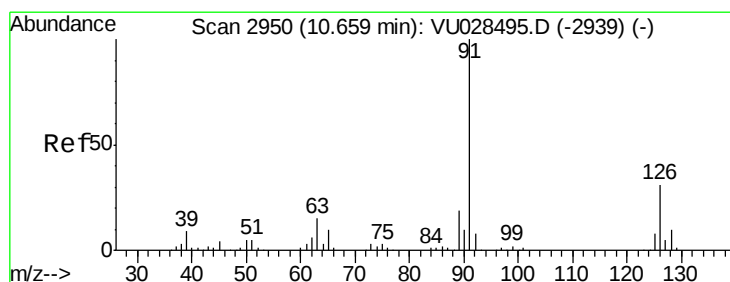
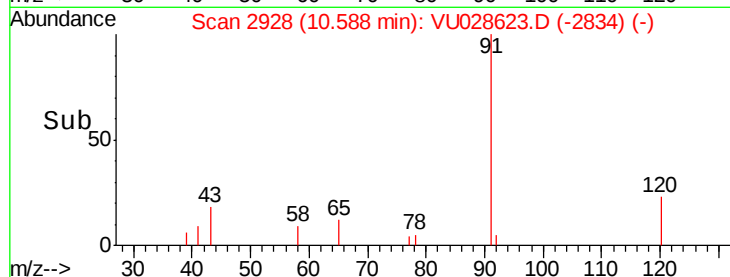
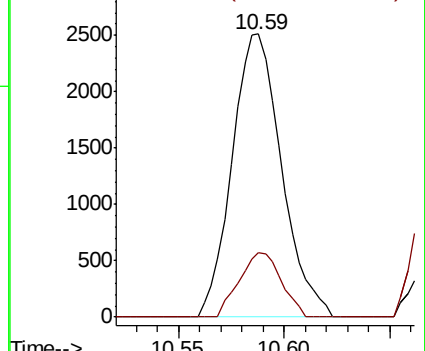
91 100

120 19.4 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: 1.009 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028623.D

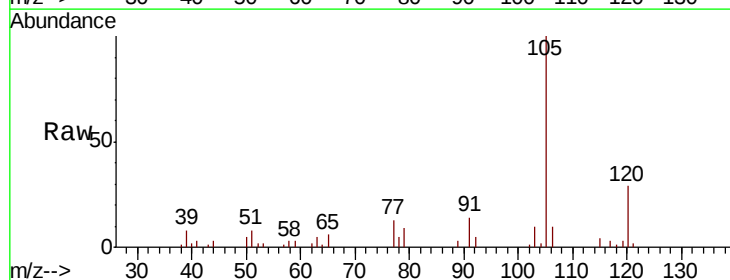
Acq: 11 Dec 2018 21:39

Tgt Ion: 91 Resp: 3031

Ion Ratio Lower Upper

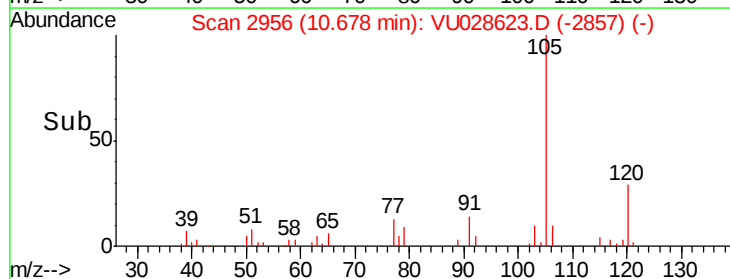
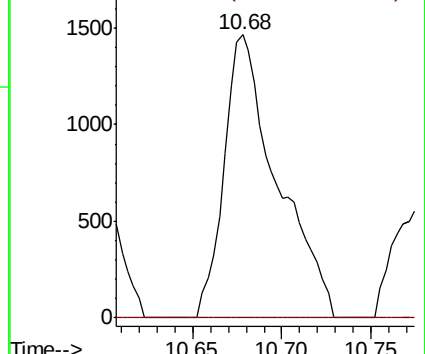
91 100

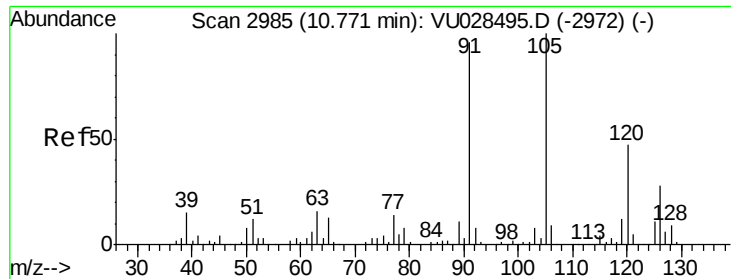
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.098 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

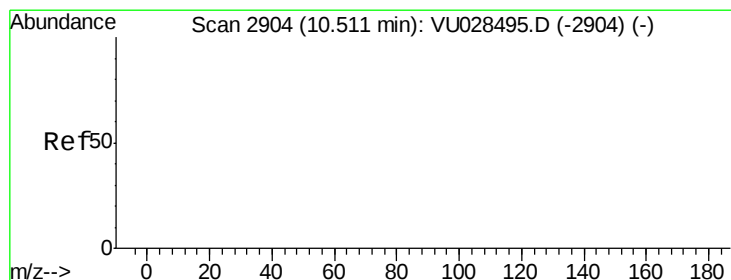
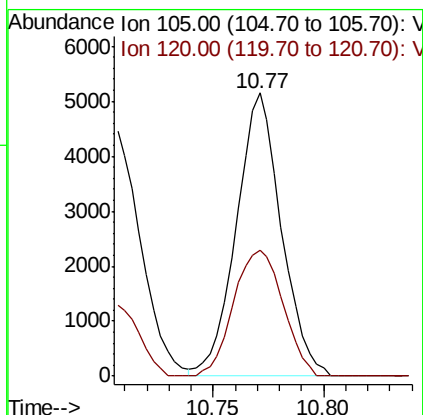
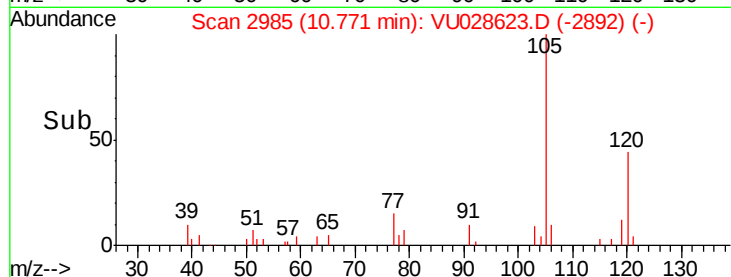
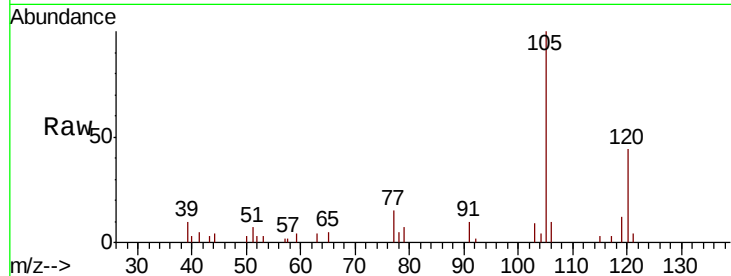
P001-SW001-01DL

Tot Ion:105 Resp: 7292

Ion Ratio Lower Upper

105 100

120 48.7 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 60.328 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

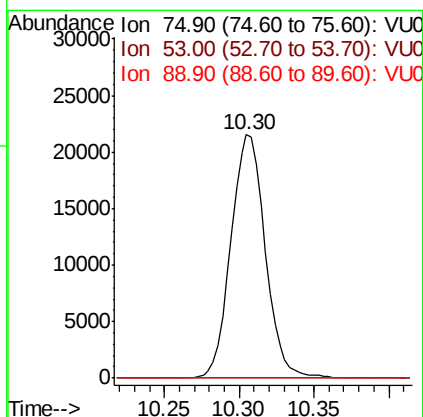
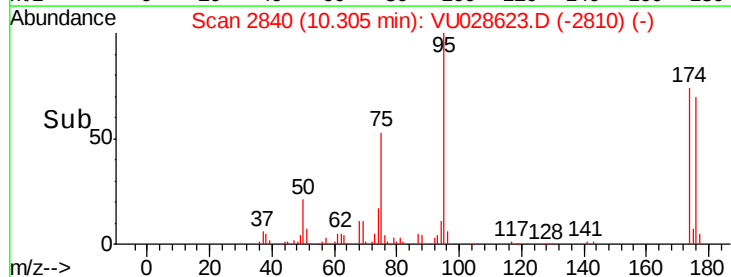
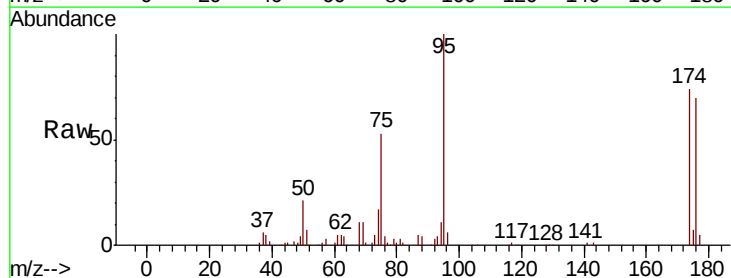
Tgt Ion: 75 Resp: 34346

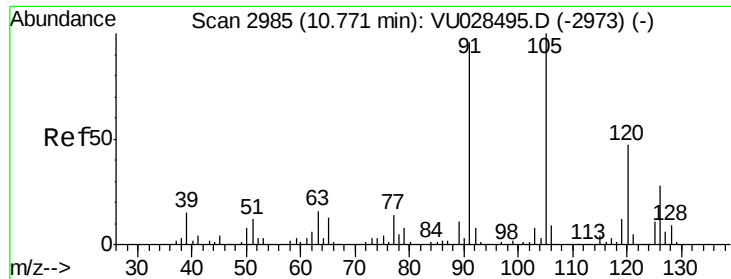
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

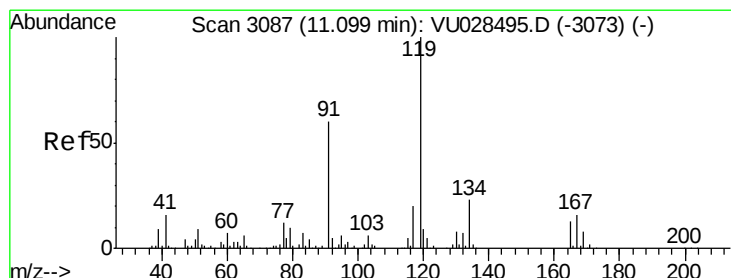
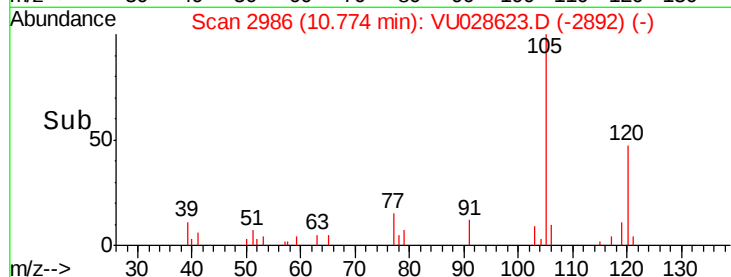
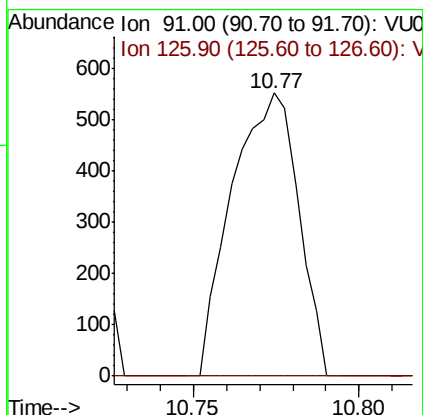
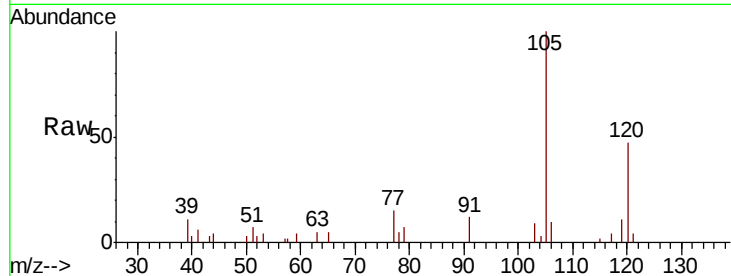




#82
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

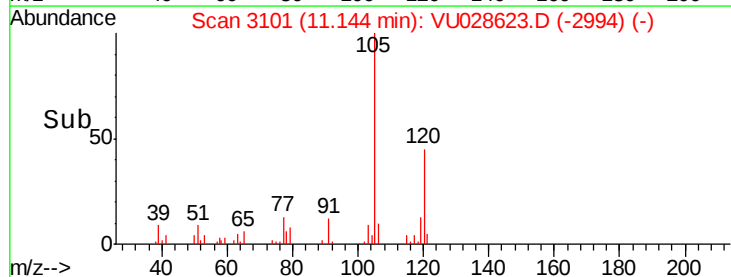
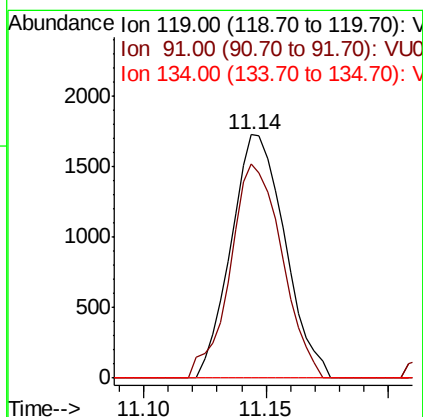
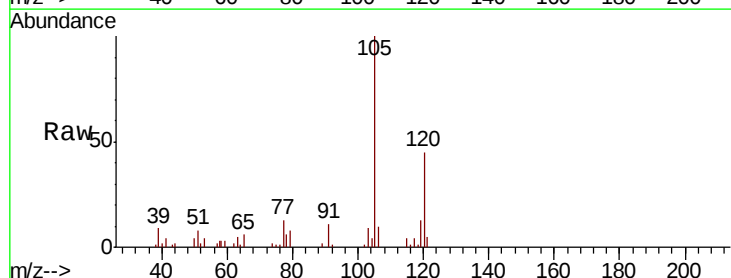
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

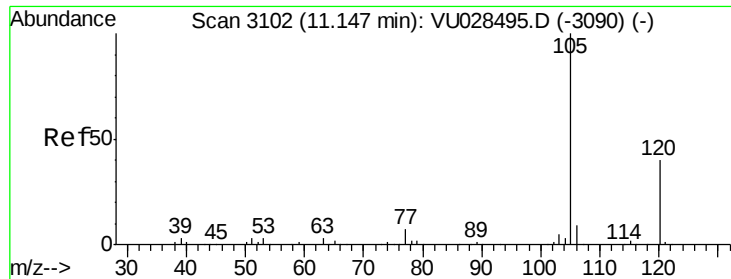
Tot Ion: 91 Resp: 772
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#



#83
tert-Butylbenzene
Concen: 0.790 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. 0.04 min
Lab File: VU028623.D
Acq: 11 Dec 2018 21:39

Tgt Ion: 119 Resp: 2646
Ion Ratio Lower Upper
119 100
91 84.5 30.3 91.0
134 0.0 11.2 33.5#

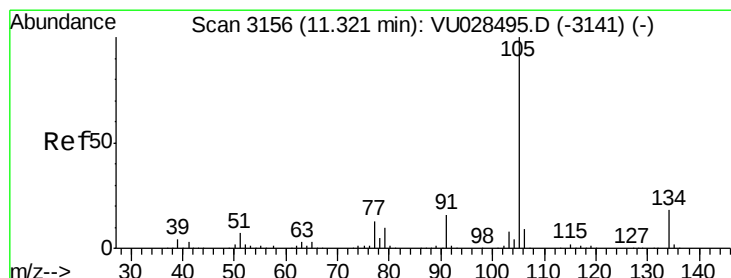
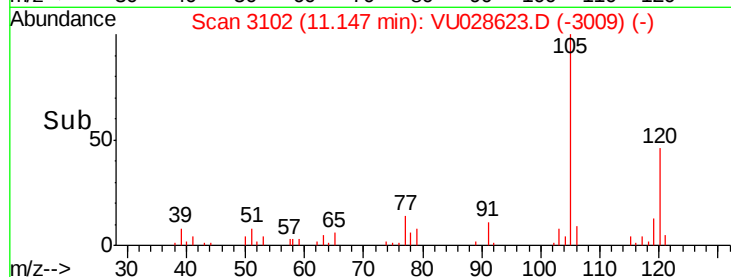
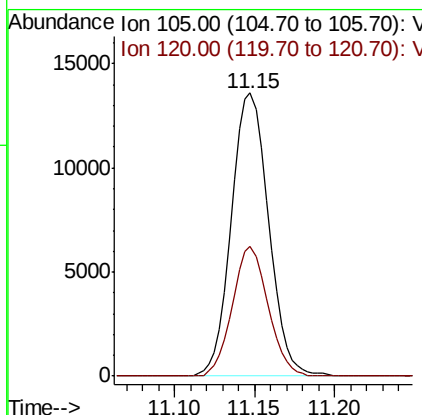
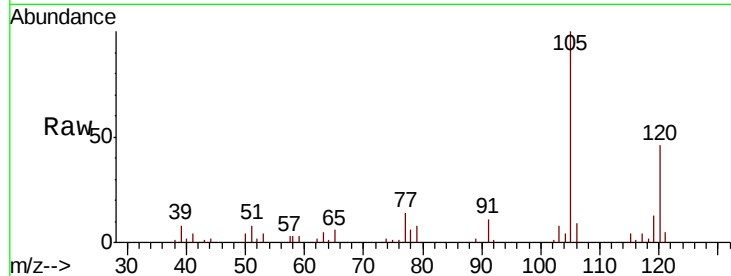




#84
 1,2,4-Trimethylbenzene
 Concen: 6.018 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

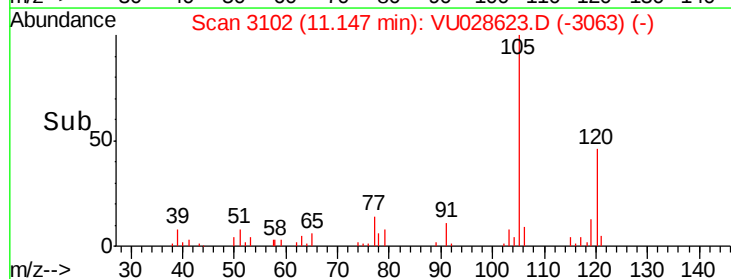
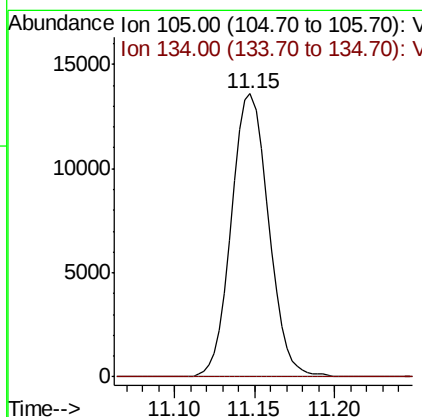
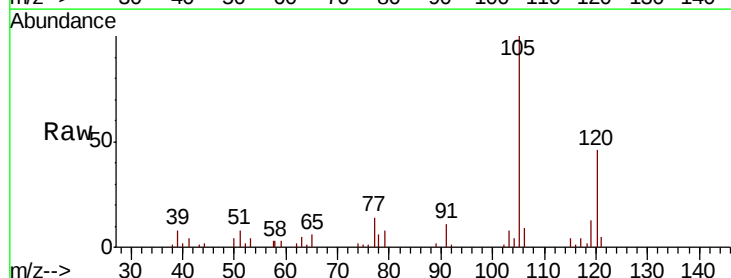
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

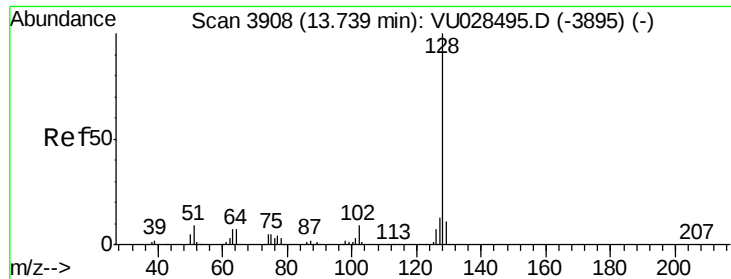
Tot Ion:105 Resp: 21554
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 5.008 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU028623.D
 Acq: 11 Dec 2018 21:39

Tgt Ion:105 Resp: 21554
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#





#95

Naphthalene

Concen: 3.098 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028623.D

Acq: 11 Dec 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

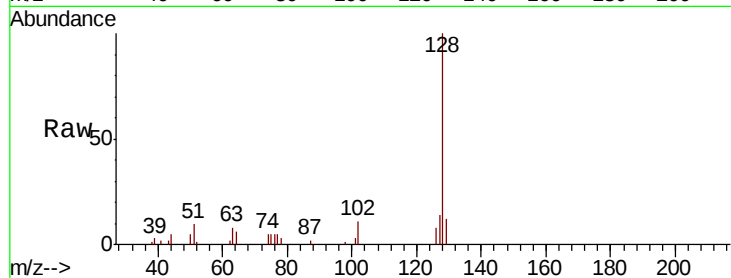
Tot Ion:128 Resp: 13787

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 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

