

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028590.D
 Acq On : 11 Dec 2018 07:41
 Operator : MD/SY
 Sample : J6305-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

Quant Time: Dec 11 11:39:55 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	85314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158276	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58627	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	72070	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
35) Dibromofluoromethane	4.88	113	52241	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
50) Toluene-d8	7.57	98	201513	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	10.30	95	68851	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1508	0.717	ug/l	89
7) Trichlorofluoromethane	1.88	101	794	0.497	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.08	101	2672	2.799	ug/l #	20
11) Tert butyl alcohol	2.83	59	7677	26.466	ug/l	100
13) Acrolein	2.19	56	513	2.218	ug/l #	42
15) Acrylonitrile	2.95	53	580	0.720	ug/l #	73
16) Acetone	2.32	43	60670	71.412	ug/l	100
17) Carbon Disulfide	2.47	76	755	0.221	ug/l #	75
18) Methyl Acetate	2.84	43	1399	0.635	ug/l #	56
25) 2-Butanone	4.27	43	27845	23.983	ug/l	100
29) Tetrahydrofuran	4.66	42	1428	1.915	ug/l #	82
31) Cyclohexane	4.98	56	2389	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7303	4.217	ug/l #	47
37) Ethyl Acetate	4.27	43	27845	12.437	ug/l #	70
38) Carbon Tetrachloride	4.98	117	8518	6.102	ug/l #	14
40) Benzene	5.39	78	2939	0.576	ug/l	97
48) Methyl methacrylate	6.54	41	716	0.407	ug/l #	27
49) 1,4-Dioxane	6.62	88	2529	90.946	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	8193	3.668	ug/l	100
52) Toluene	7.64	92	7366	2.454	ug/l	94
56) Ethyl methacrylate	7.91	69	1312	0.646	ug/l #	55
59) 2-Hexanone	8.37	43	1439	0.813	ug/l	74
67) Ethyl Benzene	9.25	91	7890	1.426	ug/l	97
68) m/p-Xylenes	9.37	106	7133	3.542	ug/l	94
69) o-Xylene	9.78	106	4745	2.425	ug/l	95
70) Styrene	9.79	104	3403	1.051	ug/l	91
74) N-amyl acetate	10.02	43	610	0.235	ug/l #	66
76) 1,2,3-Trichloropropane	10.30	75	35431	23.667	ug/l #	36
78) n-propylbenzene	10.58	91	1541	0.276	ug/l	89
79) 2-Chlorotoluene	10.68	91	732	0.227	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	5103	1.370	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.30	75	35431	58.104	ug/l #	100
83) tert-Butylbenzene	11.14	119	779	0.217	ug/l #	32
84) 1,2,4-Trimethylbenzene	11.15	105	8022	2.090	ug/l	93

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

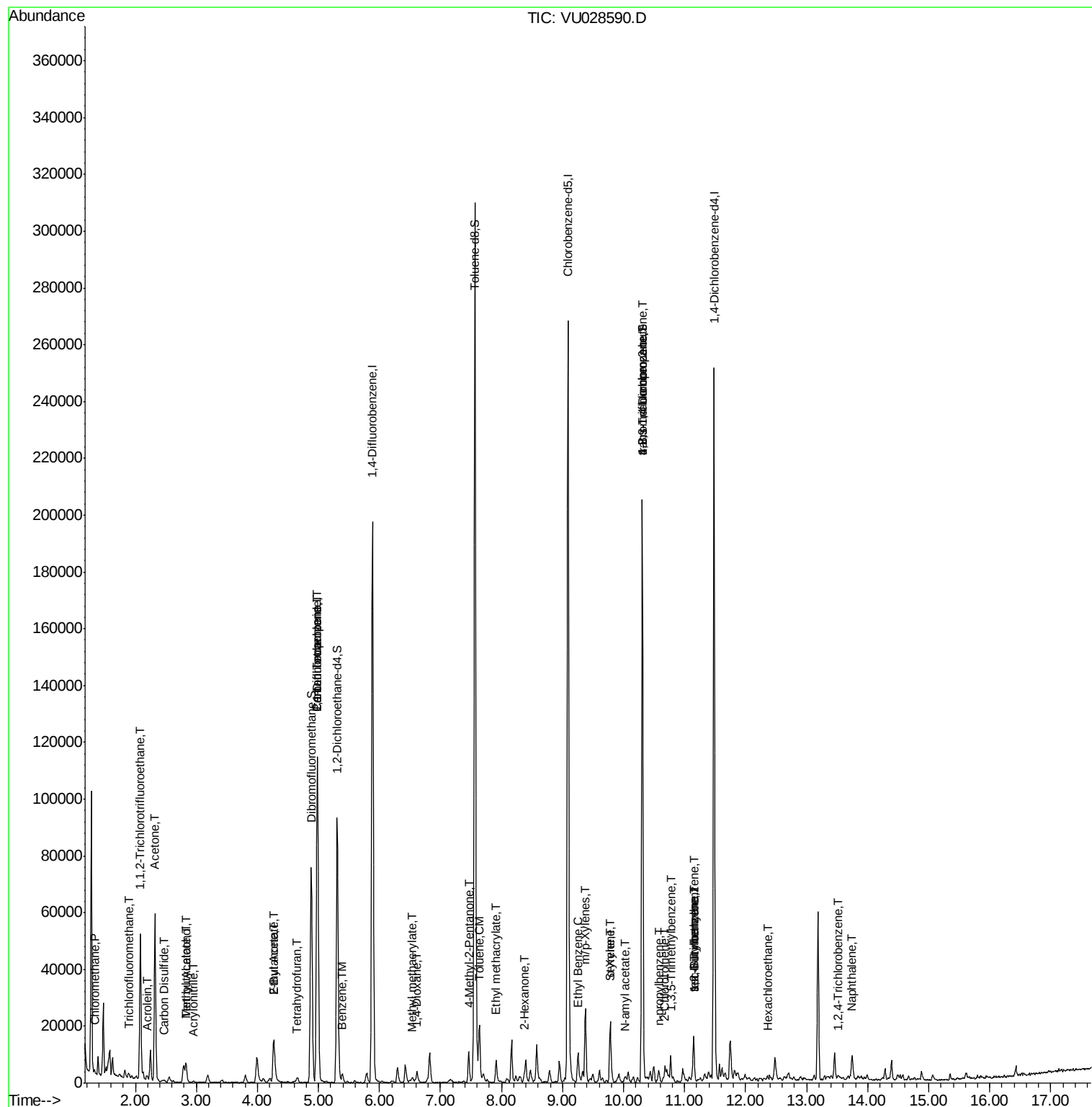
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.15	105	8022	1.740	ug/l #	59
90) Hexachloroethane	12.35	117	162	0.274	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.50	180	47	0.877	ug/l #	1
95) Naphthalene	13.74	128	6501	1.363	ug/l	97

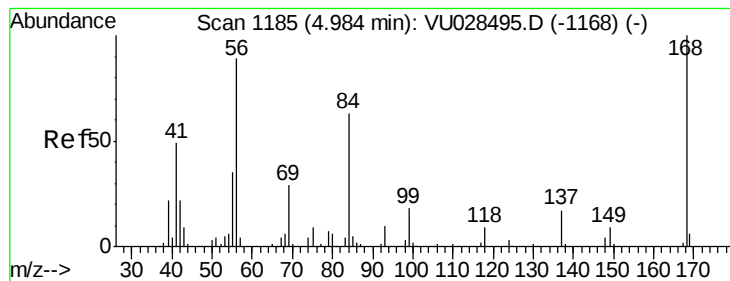
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028590.D

Acq: 11 Dec 2018 07:41

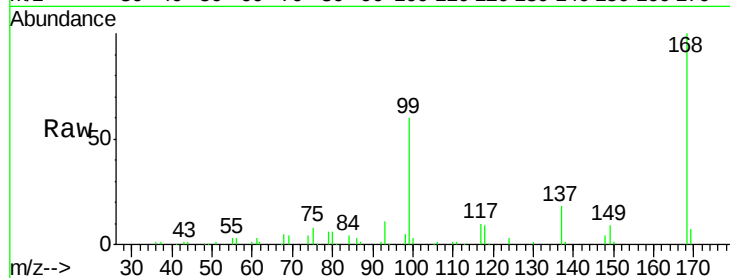
Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

Tot Ion:168 Resp: 85314

Ion Ratio Lower Upper

168 100

99 60.1 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

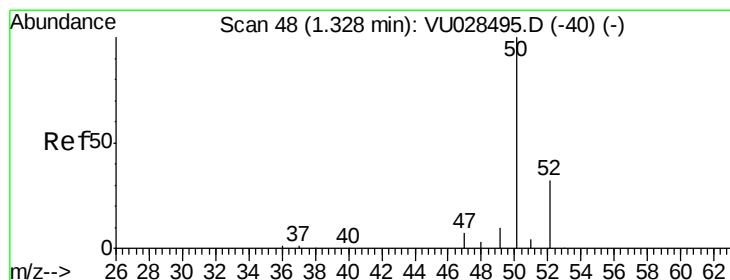
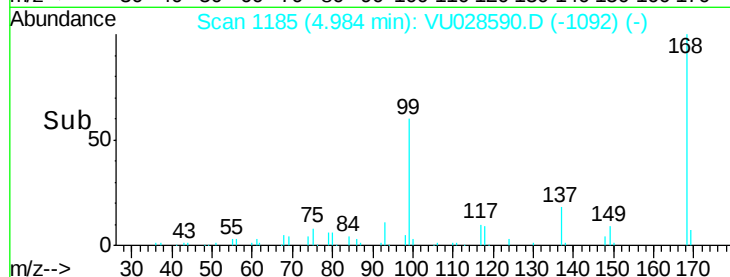
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.717 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028590.D

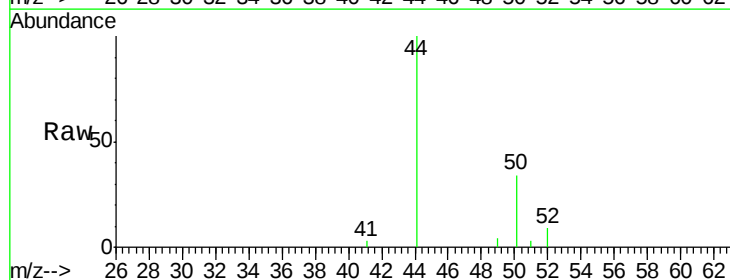
Acq: 11 Dec 2018 07:41

Tgt Ion: 50 Resp: 1508

Ion Ratio Lower Upper

50 100

52 25.8 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

1200

1000

800

600

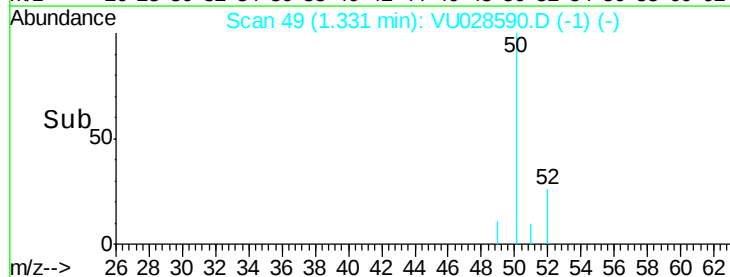
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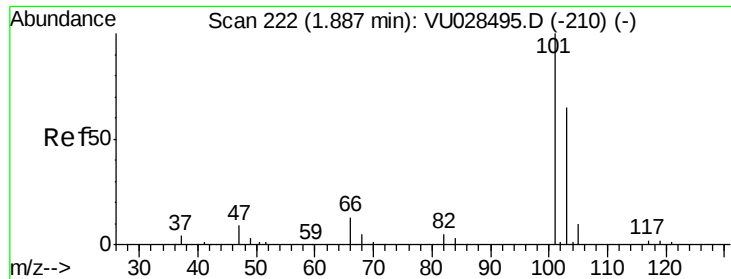
200

0

1.30 1.35

Time-->



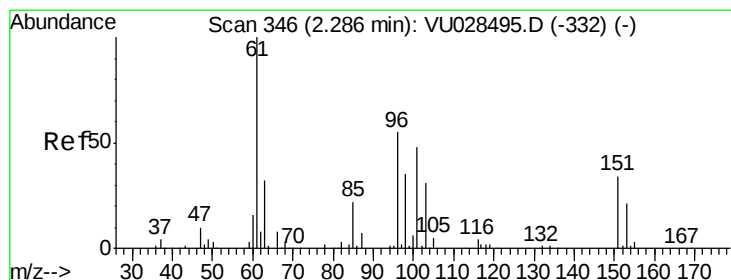
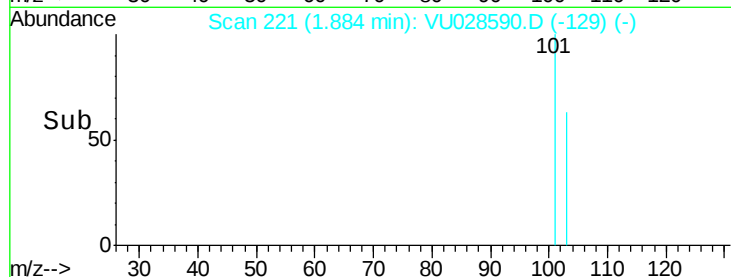
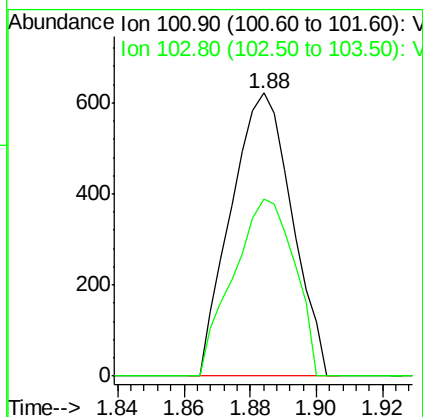
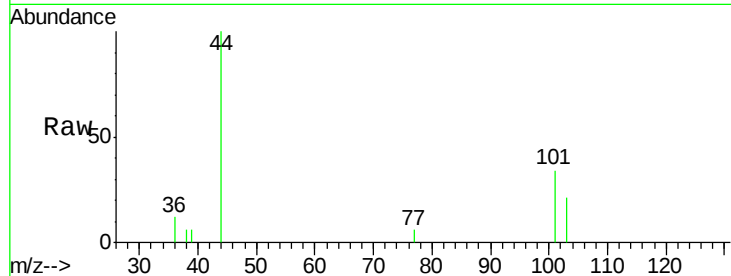


#7

Trichlorofluoromethane
Concen: 0.497 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

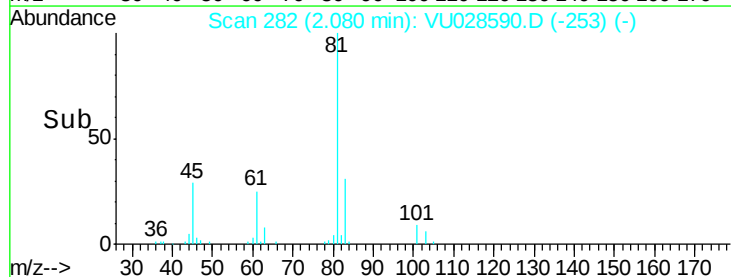
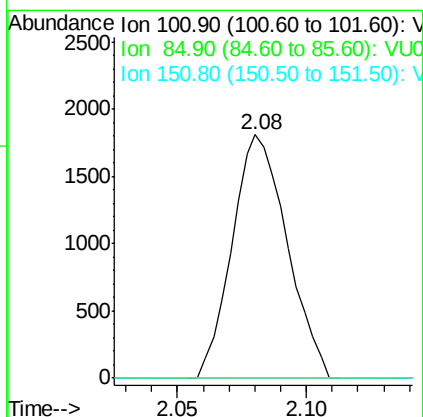
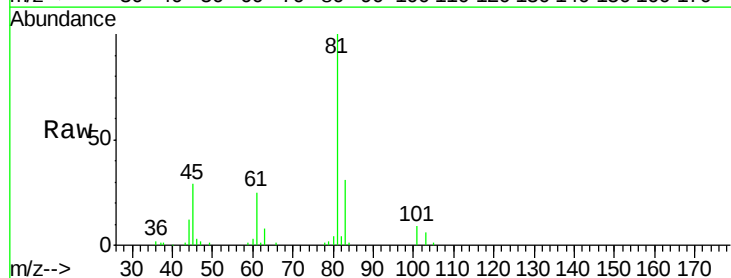
Tot Ion:101 Resp: 794
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

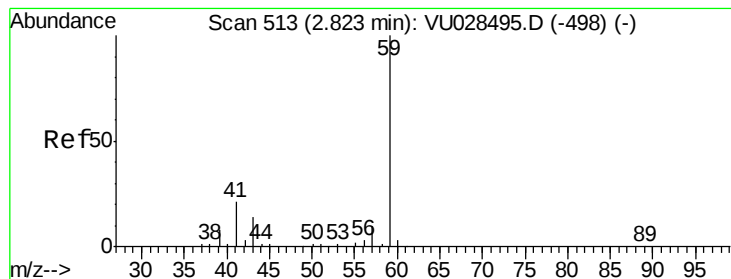


#9

1,1,2-Trichlorotrifluoroethane
Concen: 2.799 ug/l
RT: 2.08 min Scan# 282
Delta R.T. -0.21 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Tgt Ion:101 Resp: 2672
Ion Ratio Lower Upper
101 100
85 0.0 36.4 54.6#
151 0.0 58.2 87.2#



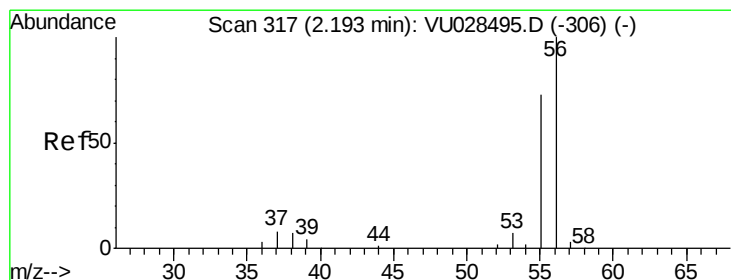
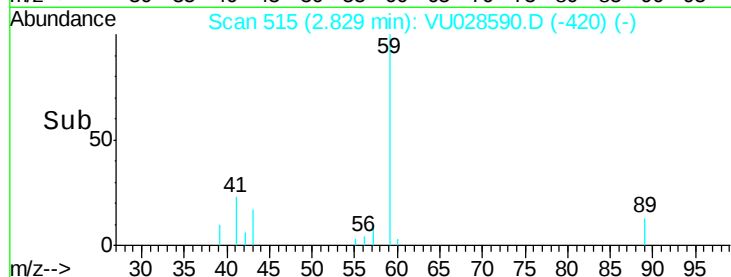
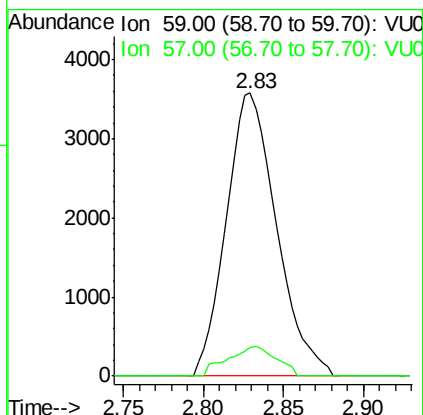
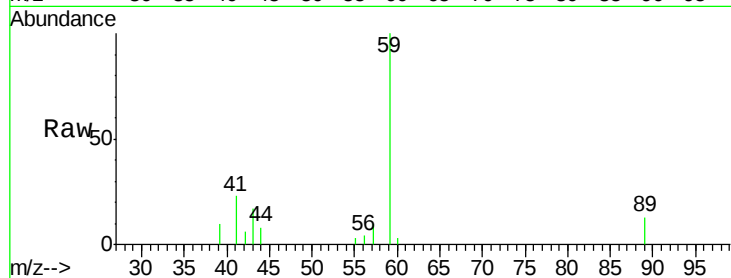


#11

Tert butyl alcohol
 Concen: 26.466 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

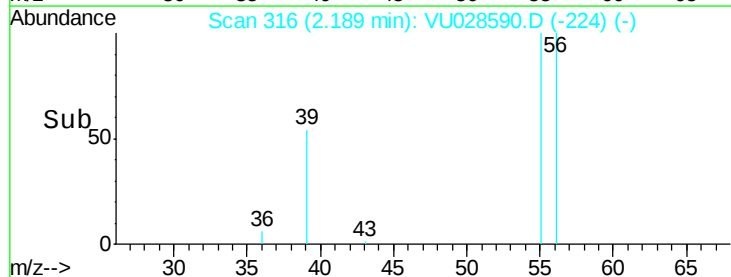
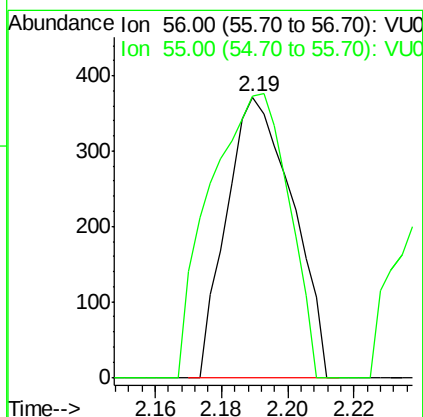
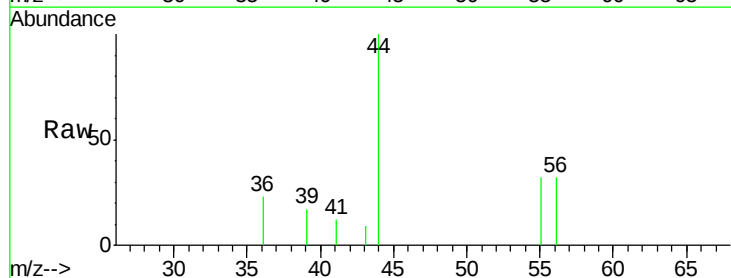
Tot Ion: 59 Resp: 7677
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

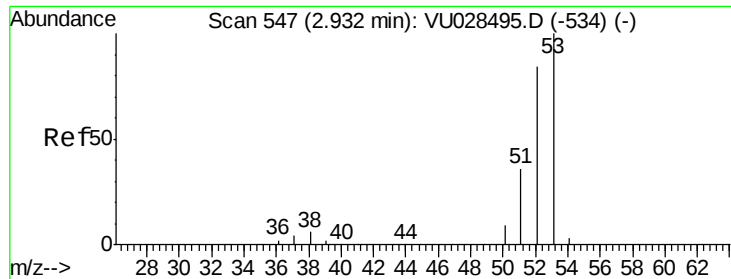


#13

Acrolein
 Concen: 2.218 ug/l
 RT: 2.19 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Tgt Ion: 56 Resp: 513
 Ion Ratio Lower Upper
 56 100
 55 120.3 57.5 86.3#





#15

Acrylonitrile

Concen: 0.720 ug/l

RT: 2.95 min Scan# 554

Delta R.T. 0.02 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

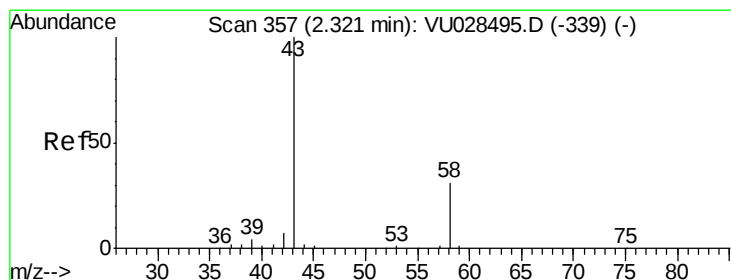
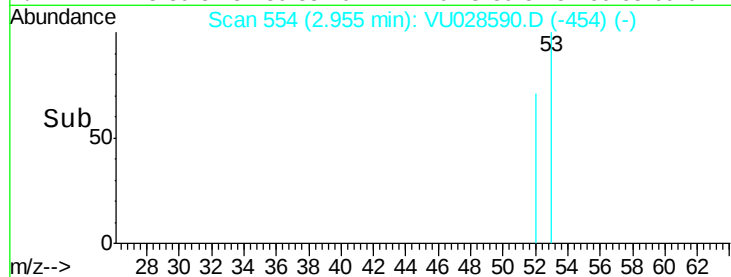
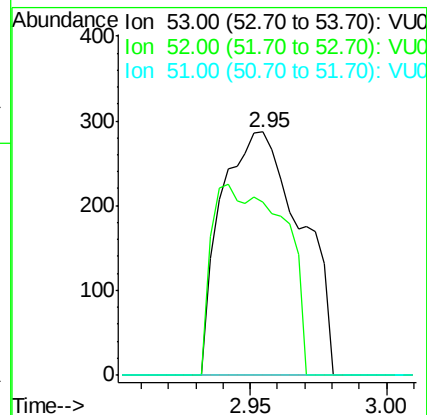
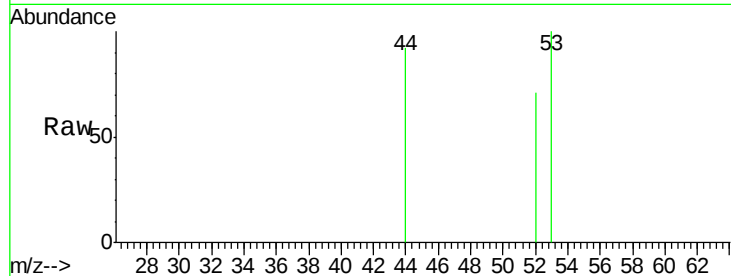
Tot Ion: 53 Resp: 580

Ion Ratio Lower Upper

53 100

52 70.9 66.1 99.1

51 0.0 28.1 42.1#



#16

Acetone

Concen: 71.412 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028590.D

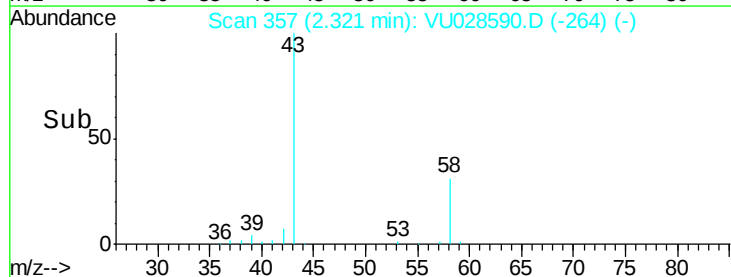
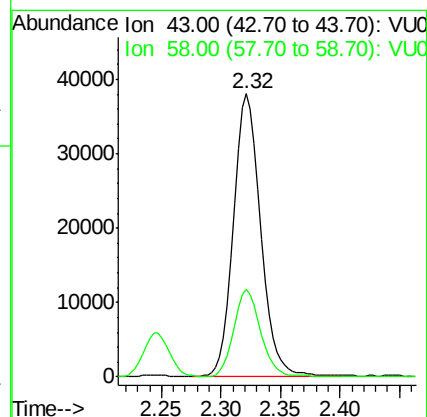
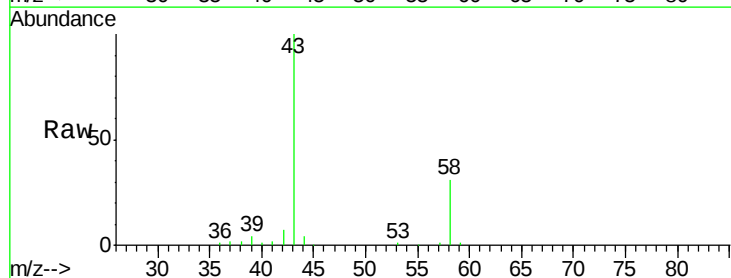
Acq: 11 Dec 2018 07:41

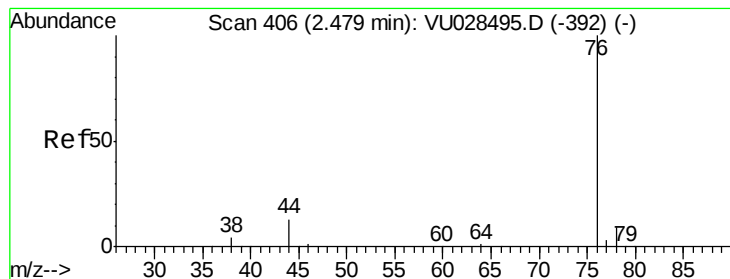
Tgt Ion: 43 Resp: 60670

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 0.221 ug/l

RT: 2.47 min Scan# 404

Delta R.T. -0.01 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

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ClientSampleId :

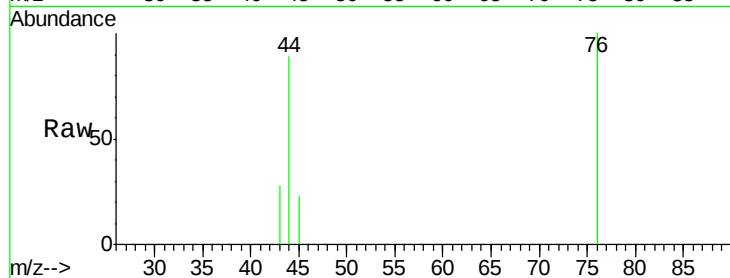
P001-SW002-01

Tot Ion: 76 Resp: 755

Ion Ratio Lower Upper

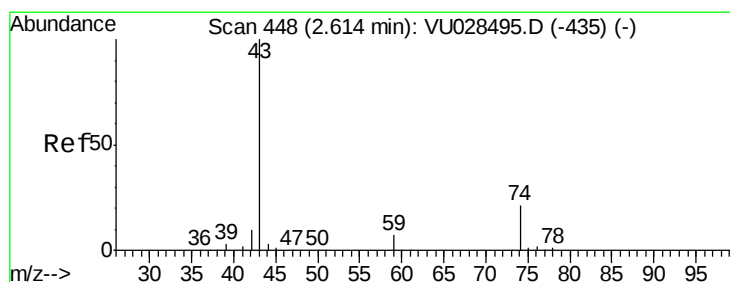
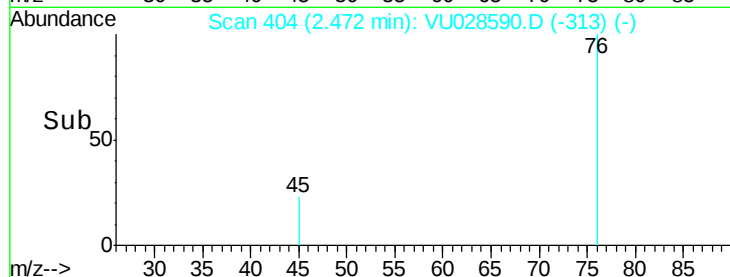
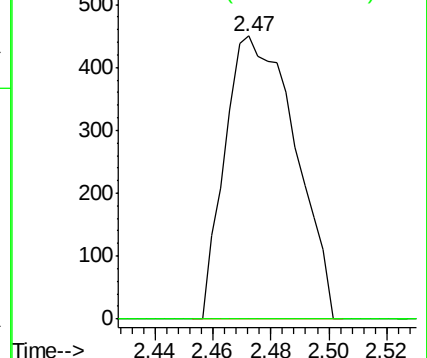
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 0.635 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.22 min

Lab File: VU028590.D

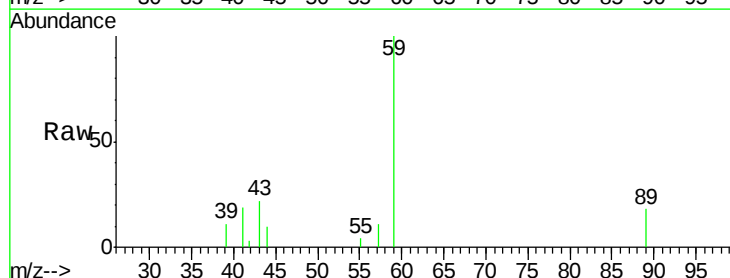
Acq: 11 Dec 2018 07:41

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

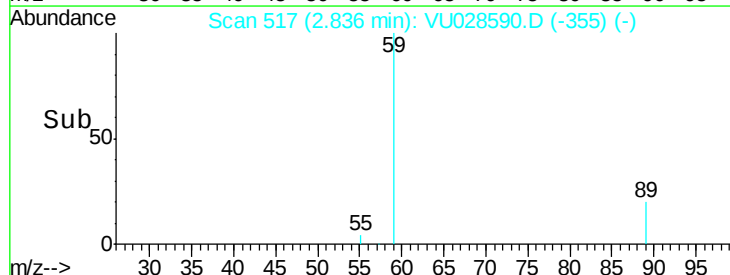
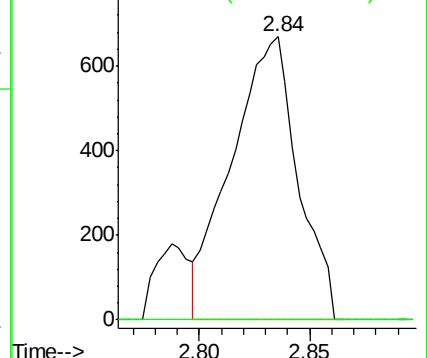
43 100

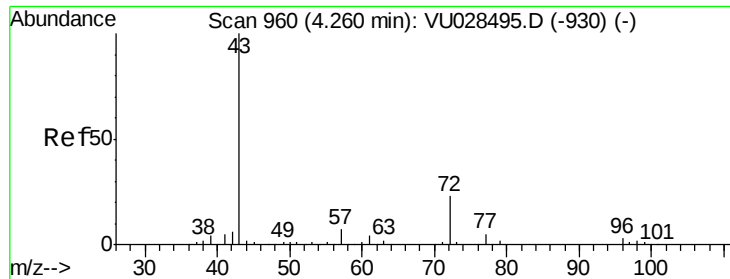
74 0.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#25

2-Butanone

Concen: 23.983 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

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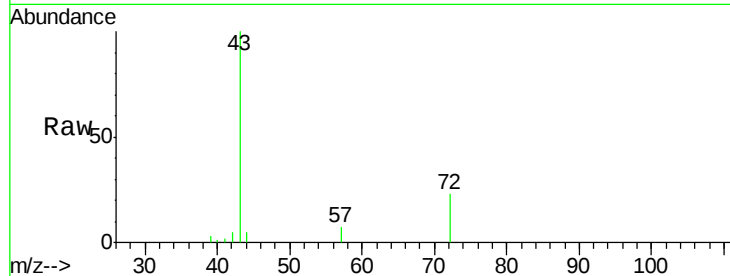
P001-SW002-01

Tot Ion: 43 Resp: 27845

Ion Ratio Lower Upper

43 100

72 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.27

12000

10000

8000

6000

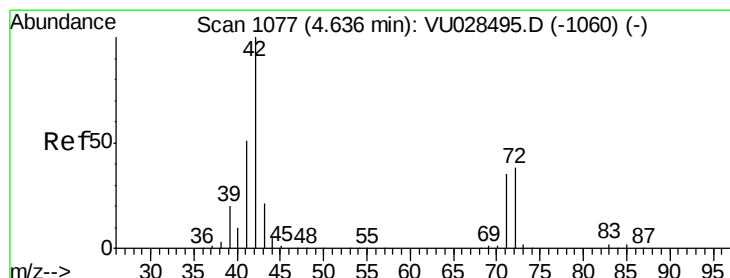
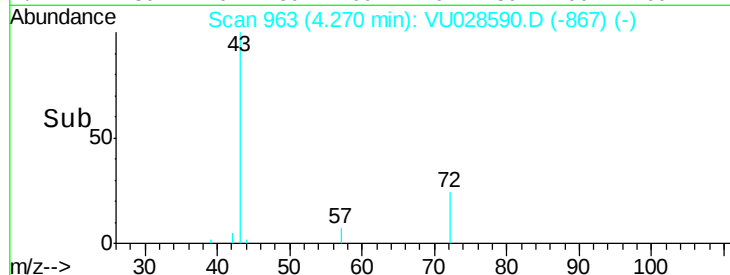
4000

2000

0

Time-->

4.20 4.30 4.40



#29

Tetrahydrofuran

Concen: 1.915 ug/l

RT: 4.66 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

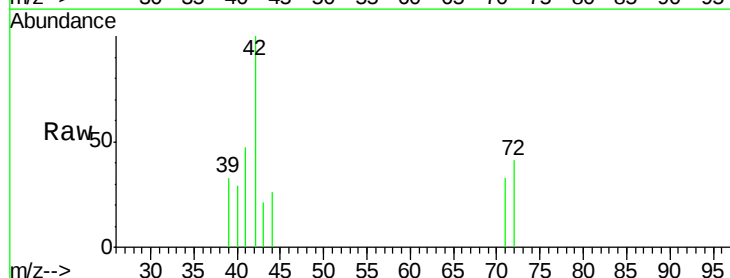
Tgt Ion: 42 Resp: 1428

Ion Ratio Lower Upper

42 100

72 27.8 31.4 47.0#

71 25.9 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

4.66

600

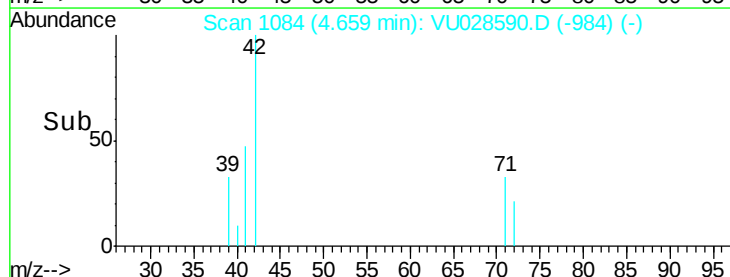
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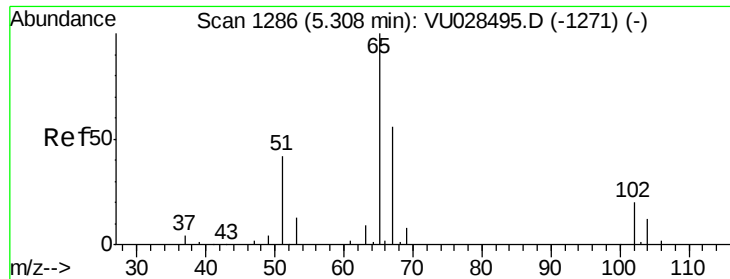
200

0

Time-->

4.60 4.65 4.70

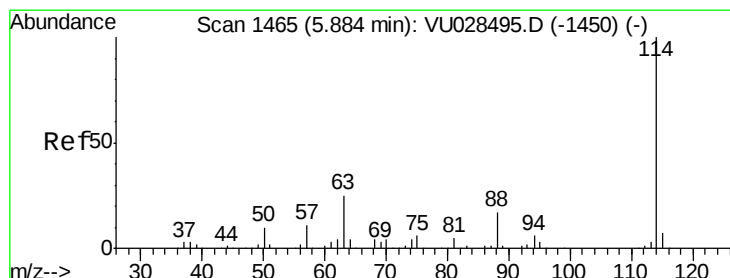
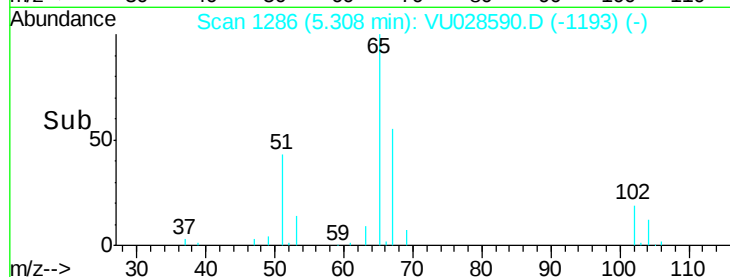
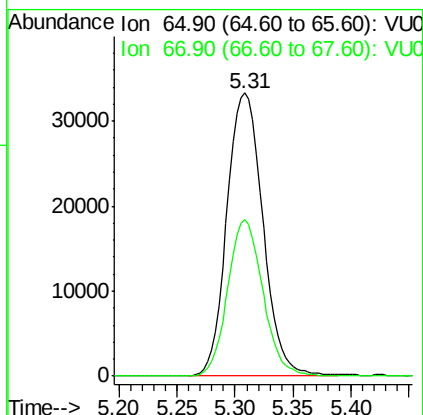
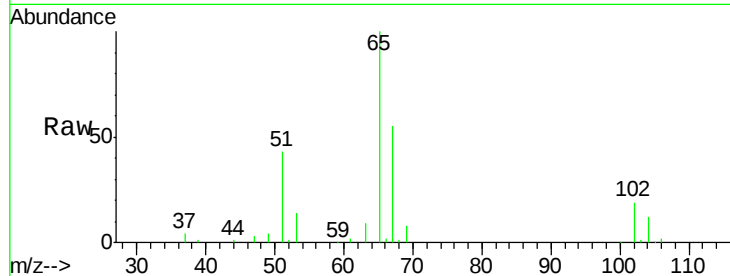




#33
 1,2-Dichloroethane-d4
 Concen: 55.356 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

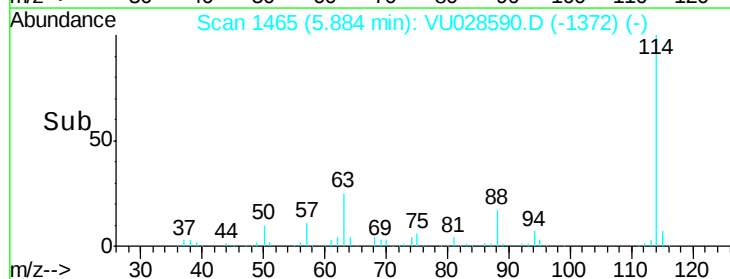
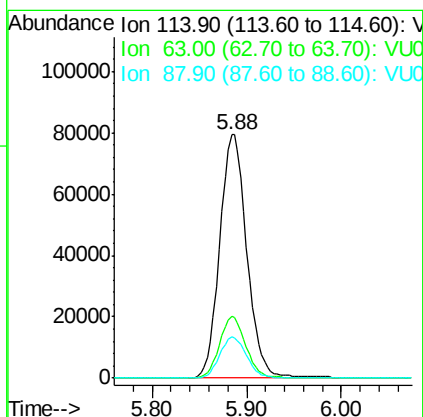
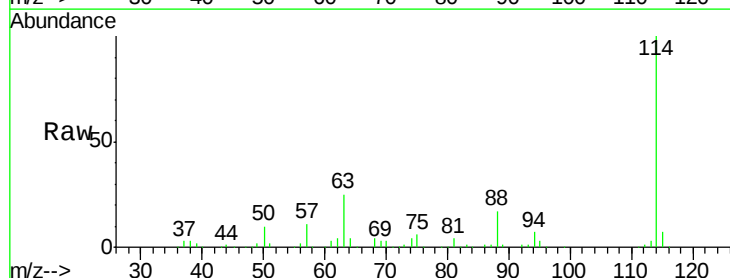
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

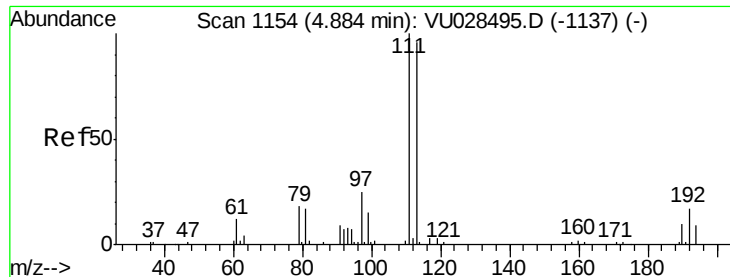
Tot Ion: 65 Resp: 72070
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Tgt Ion: 114 Resp: 158276
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.8 0.0 33.4

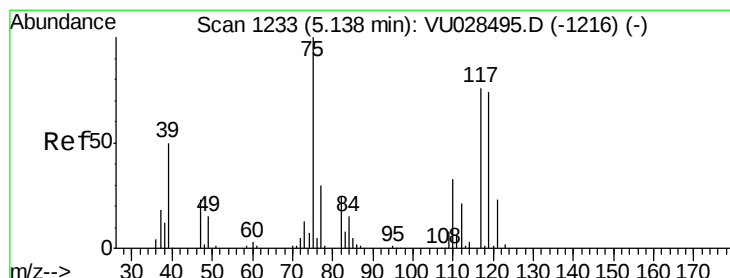
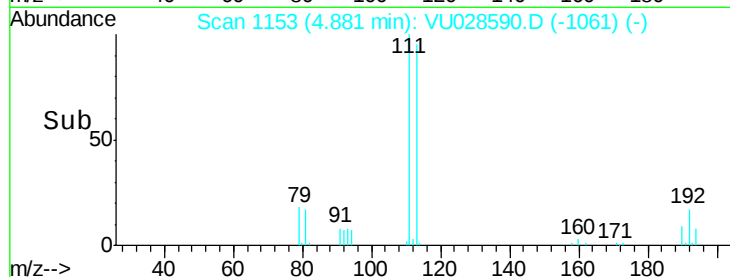
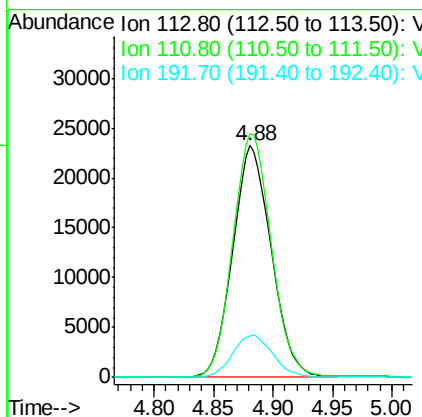
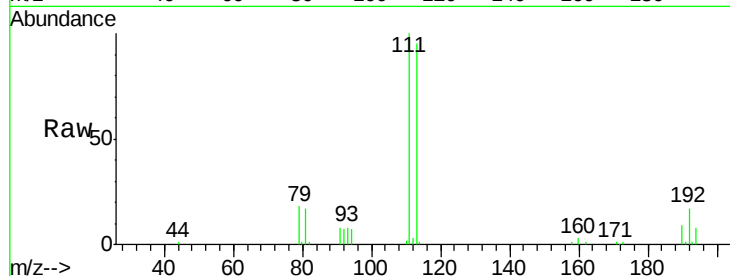




#35
 Dibromofluoromethane
 Concen: 52.449 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

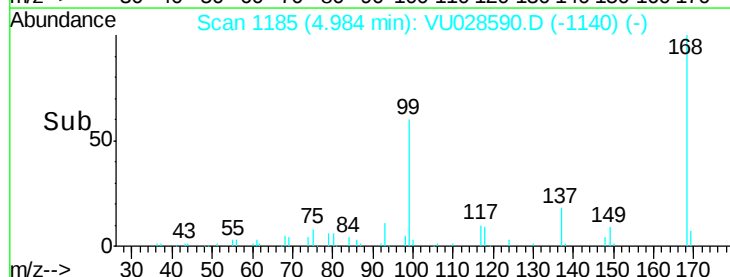
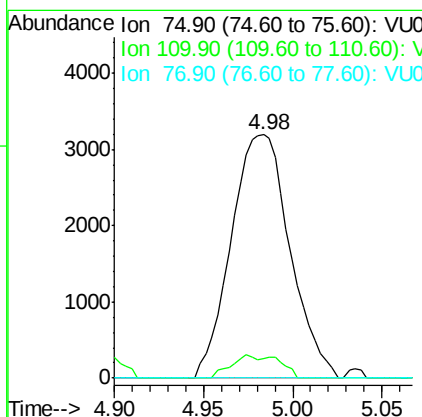
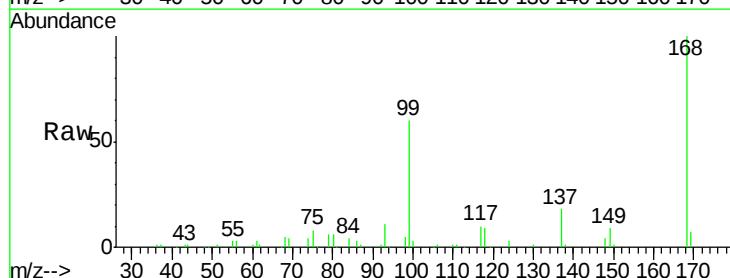
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

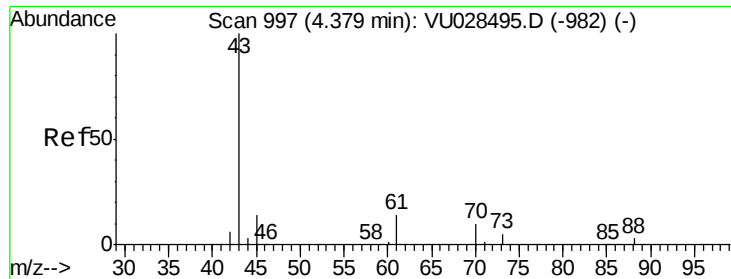
Tot Ion:113 Resp: 52241
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.4 125.0
 192 18.9 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.217 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Tgt Ion: 75 Resp: 7303
 Ion Ratio Lower Upper
 75 100
 110 4.3 16.1 48.2#
 77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 12.437 ug/l

RT: 4.27 min Scan# 963

Delta R.T. -0.11 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

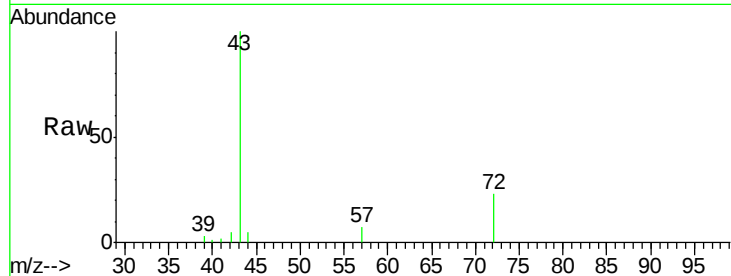
Tot Ion: 43 Resp: 27845

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

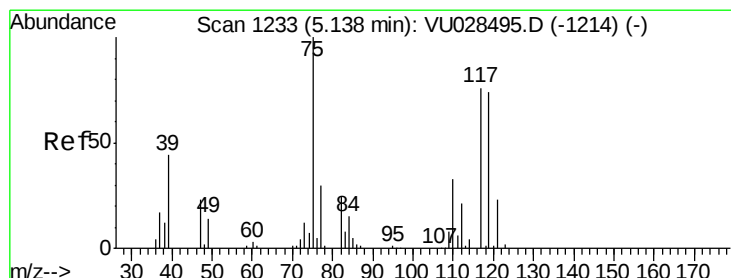
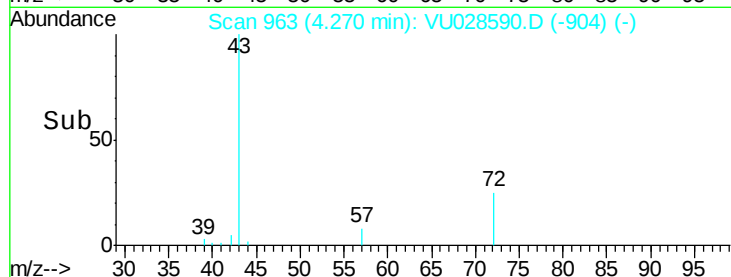
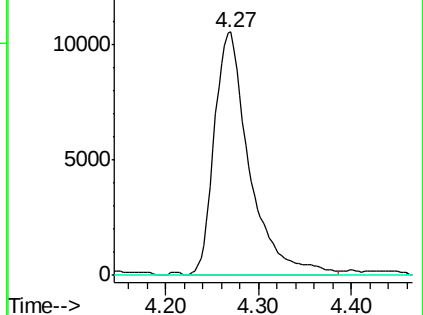
70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-982) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-982) (-)

Ion 70.00 (69.70 to 70.70): VU028495.D (-982) (-)



#38

Carbon Tetrachloride

Concen: 6.102 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

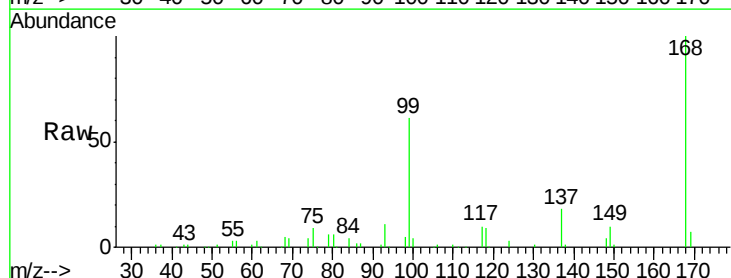
Tgt Ion: 117 Resp: 8518

Ion Ratio Lower Upper

117 100

119 3.2 77.6 116.4#

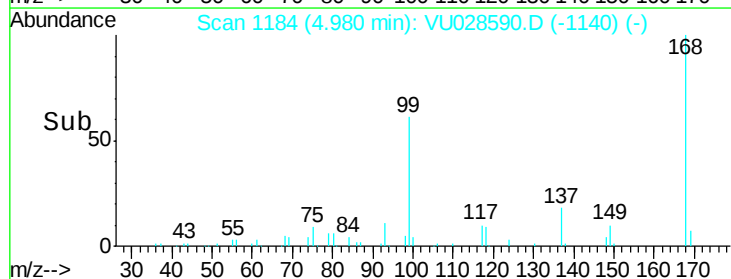
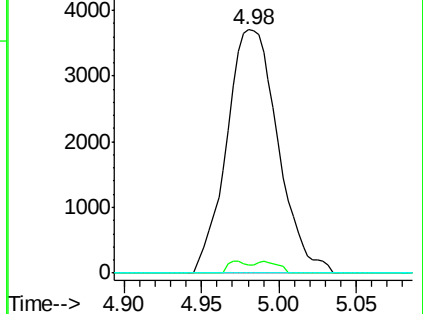
121 0.0 24.6 36.8#

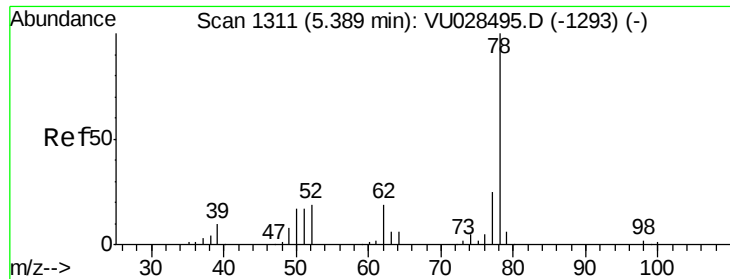


Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)

Ion 118.80 (118.50 to 119.50): VU028495.D (-1214) (-)

Ion 120.80 (120.50 to 121.50): VU028495.D (-1214) (-)





#40

Benzene

Concen: 0.576 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

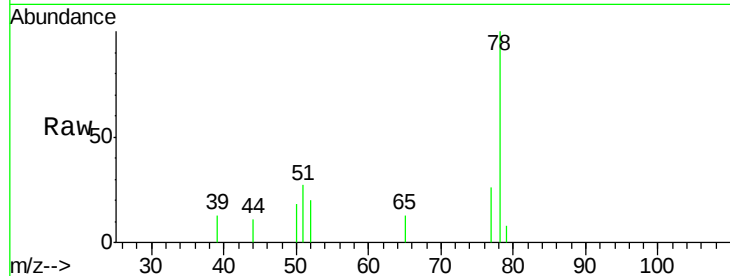
P001-SW002-01

Tot Ion: 78 Resp: 2939

Ion Ratio Lower Upper

78 100

77 26.4 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

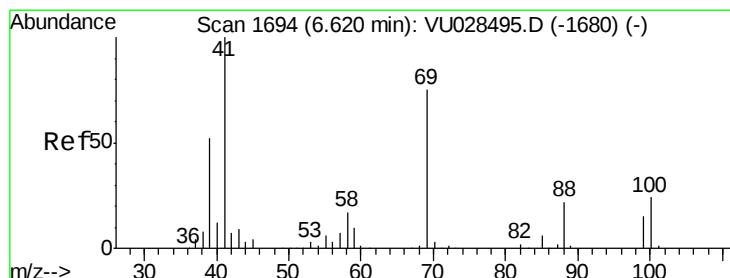
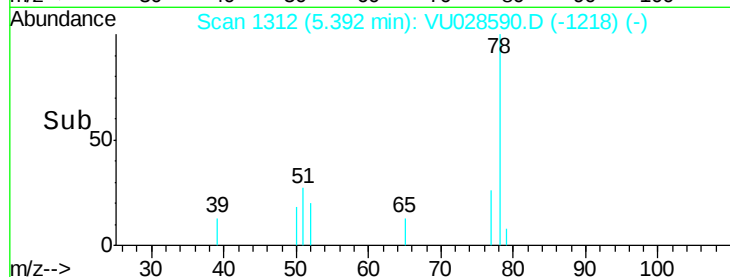
1500

1000

500

0

Time-->



#48

Methyl methacrylate

Concen: 0.407 ug/l

RT: 6.54 min Scan# 1670

Delta R.T. -0.08 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

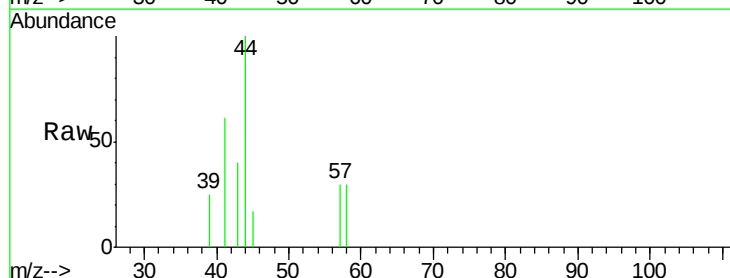
Tgt Ion: 41 Resp: 716

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 15.8 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

6.54

400

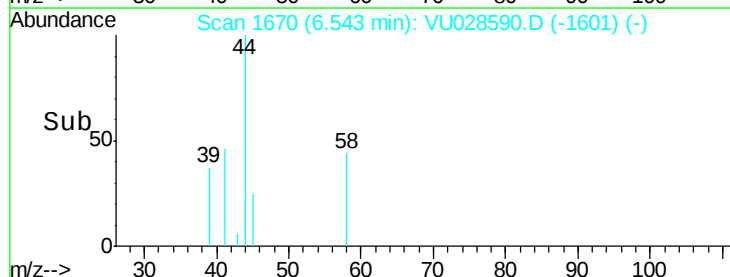
300

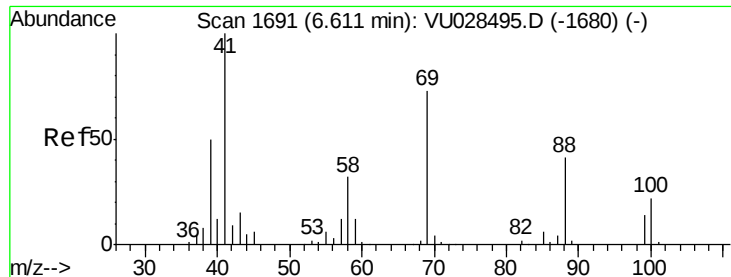
200

100

0

Time-->





#49

1,4-Dioxane

Concen: 90.946 ug/l

RT: 6.62 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

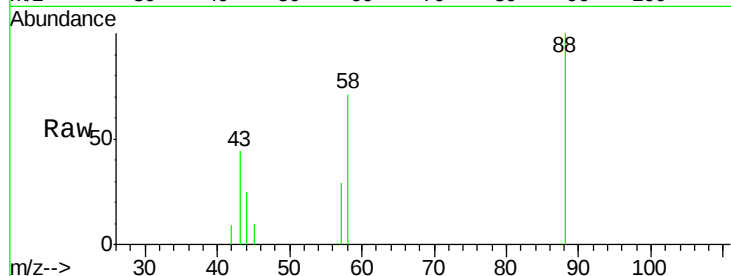
Tot Ion: 88 Resp: 2529

Ion Ratio Lower Upper

88 100

43 39.3 30.9 46.3

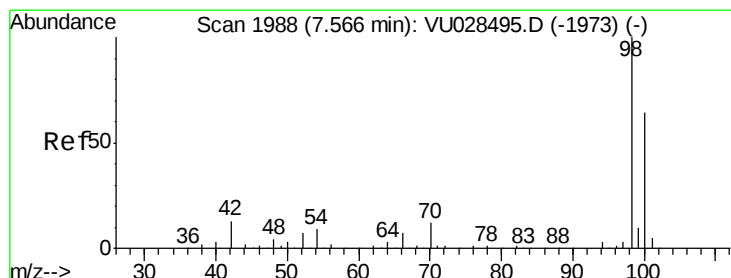
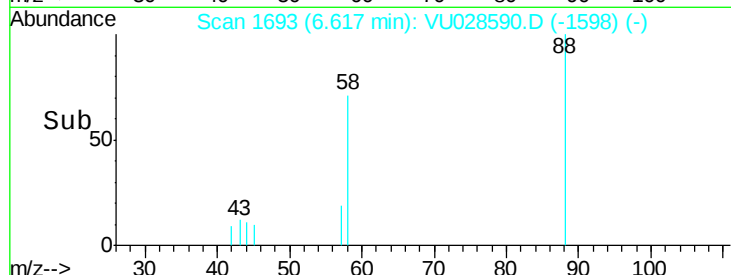
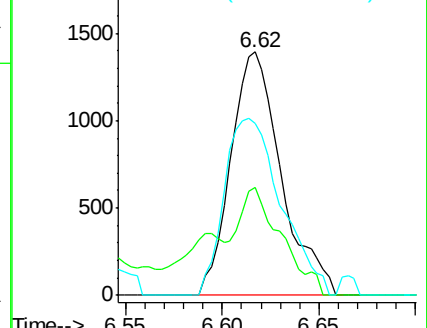
58 82.0 62.4 93.6



Abundance Ion 88.00 (87.70 to 88.70): VU028590.D (-1598) (-)

Ion 43.00 (42.70 to 43.70): VU028590.D (-1598) (-)

Ion 58.00 (57.70 to 58.70): VU028590.D (-1598) (-)



#50

Toluene-d8

Concen: 51.143 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028590.D

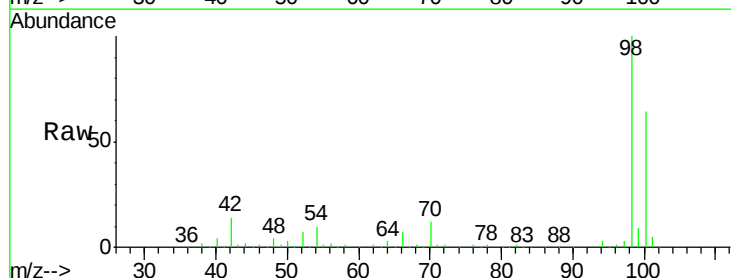
Acq: 11 Dec 2018 07:41

Tgt Ion: 98 Resp: 201513

Ion Ratio Lower Upper

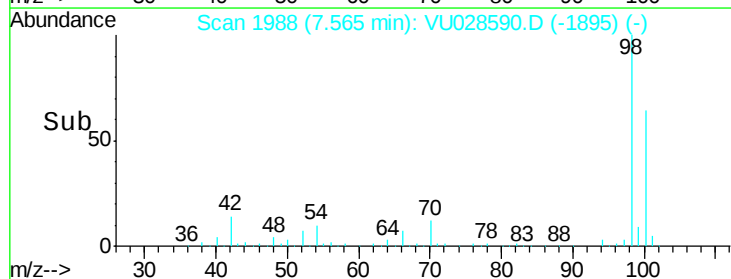
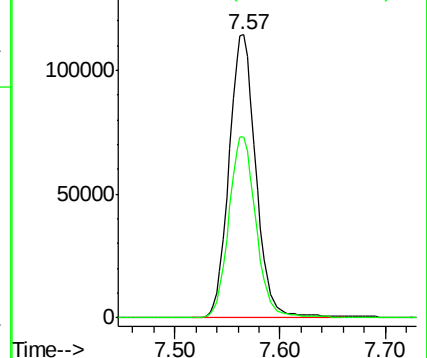
98 100

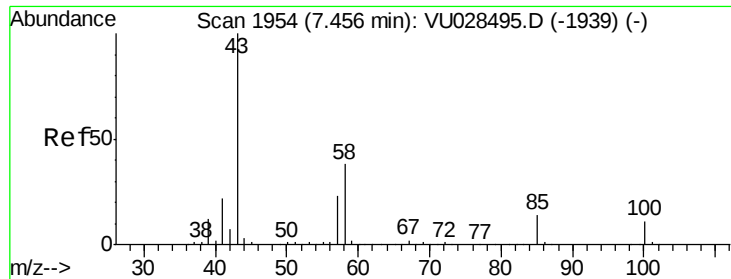
100 65.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028590.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028590.D (-1895) (-)





#51

4-Methyl-2-Pentanone

Concen: 3.668 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

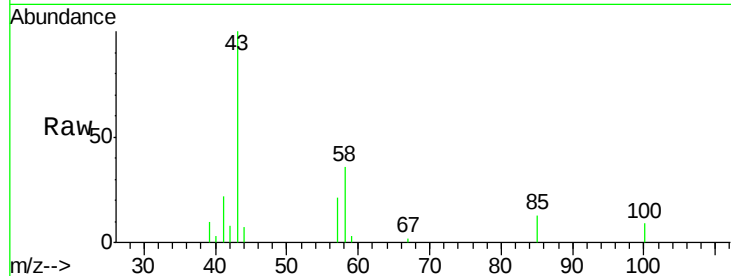
P001-SW002-01

Tot Ion: 43 Resp: 8193

Ion Ratio Lower Upper

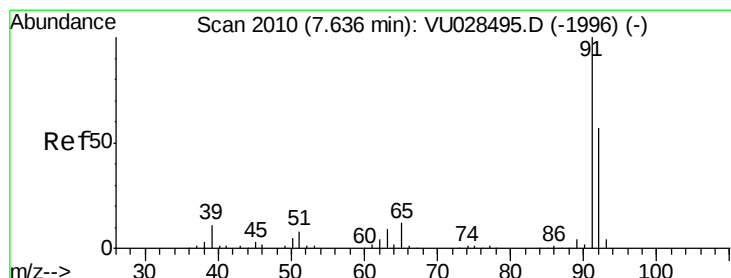
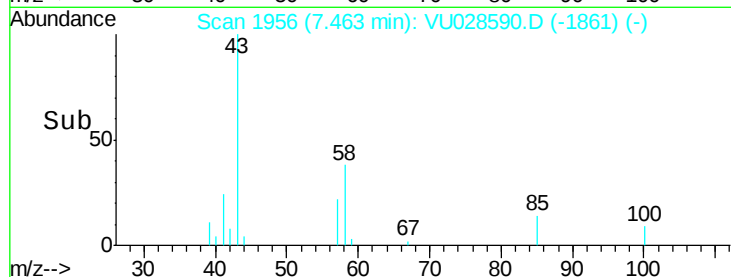
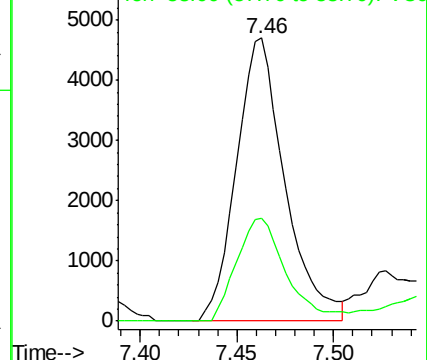
43 100

58 37.4 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: 2.454 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028590.D

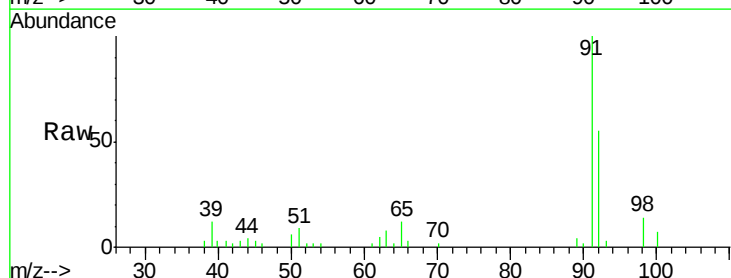
Acq: 11 Dec 2018 07:41

Tgt Ion: 92 Resp: 7366

Ion Ratio Lower Upper

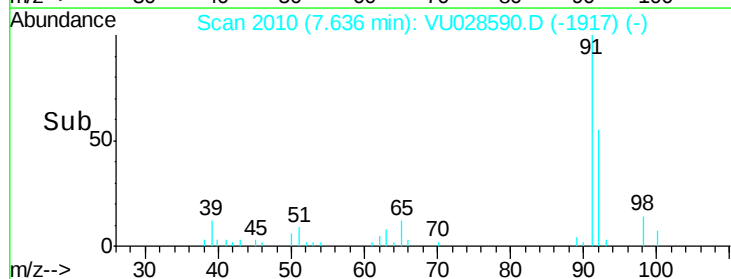
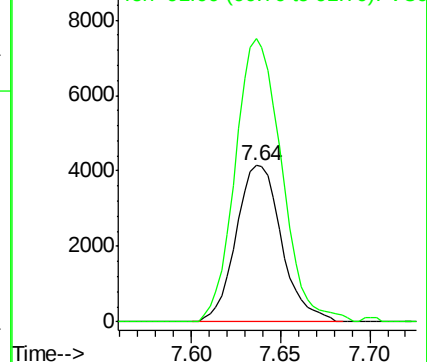
92 100

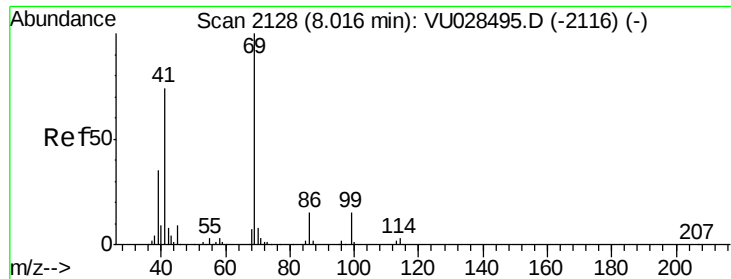
91 184.2 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

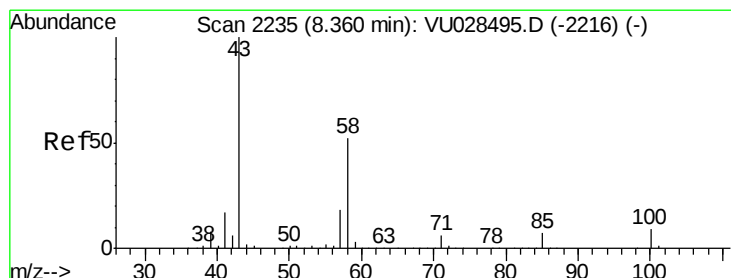
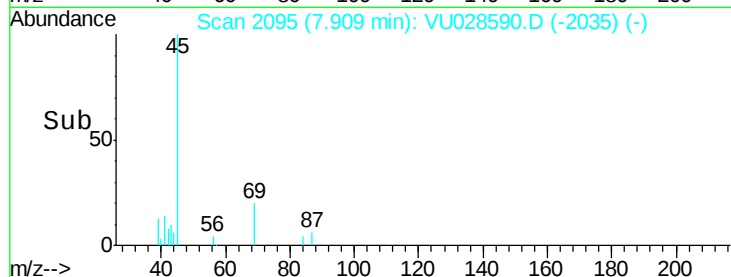
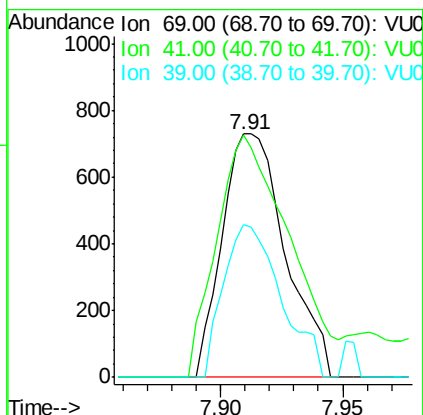
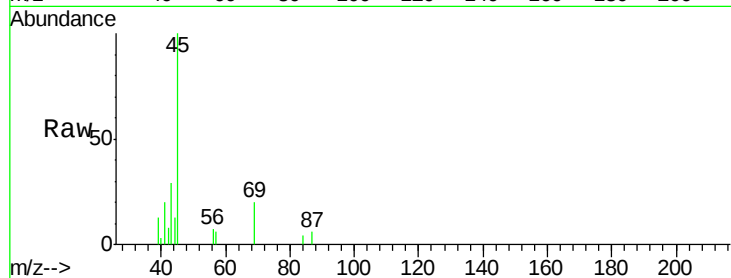




#56
Ethyl methacrylate
Concen: 0.646 ug/l
RT: 7.91 min Scan# 2095
Delta R.T. -0.11 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

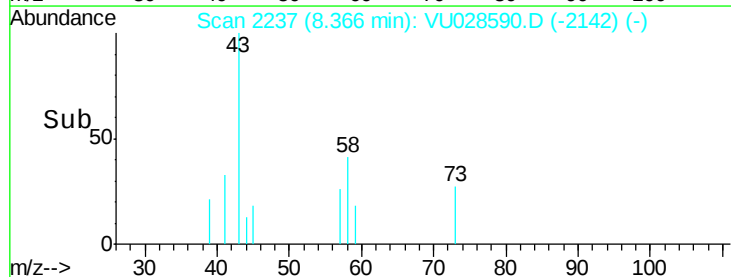
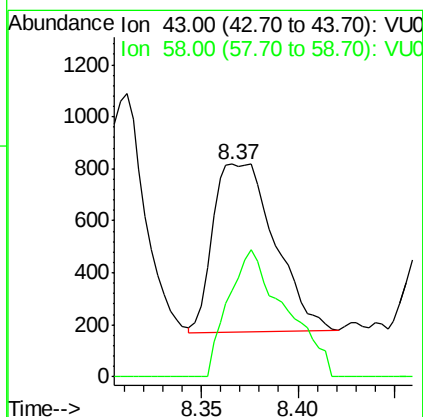
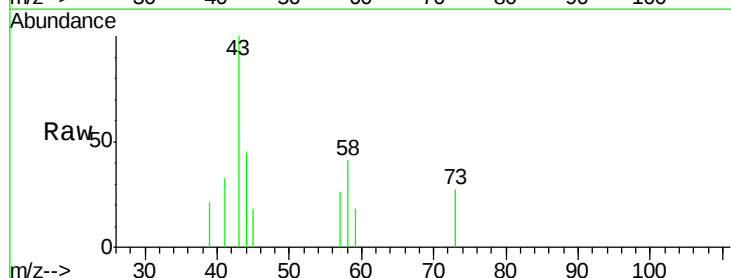
Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

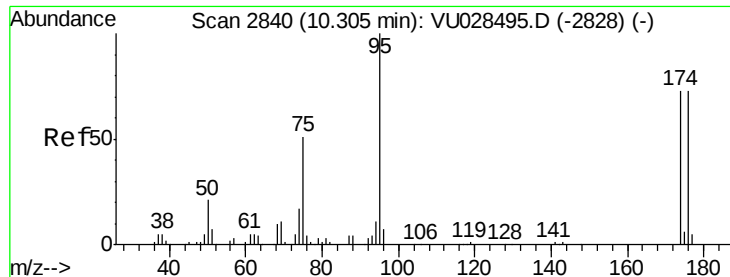
Tot Ion: 69 Resp: 1312
Ion Ratio Lower Upper
69 100
41 114.9 59.1 88.7#
39 57.3 28.4 42.6#



#59
2-Hexanone
Concen: 0.813 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.01 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 69.9 25.9 77.6





#62

4-Bromofluorobenzene

Concen: 46.752 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

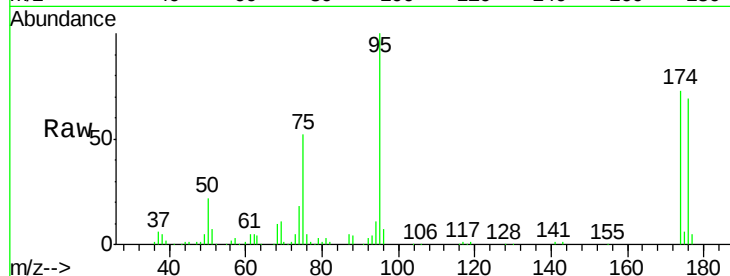
Tot Ion: 95 Resp: 68851

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

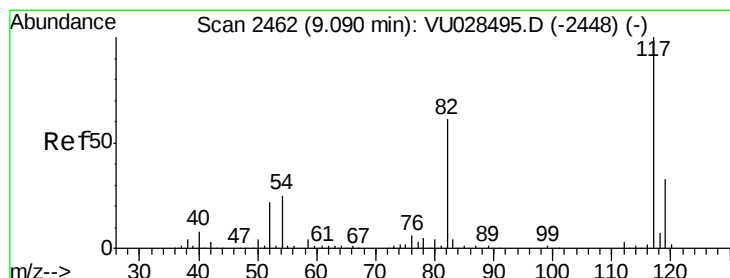
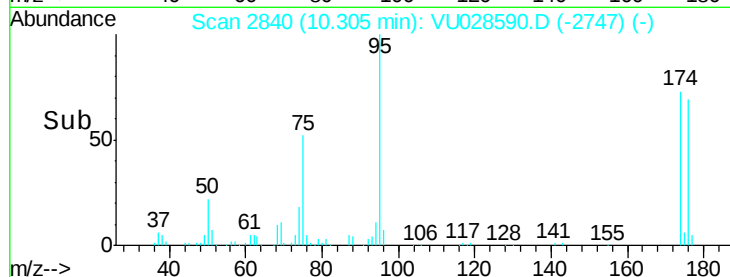
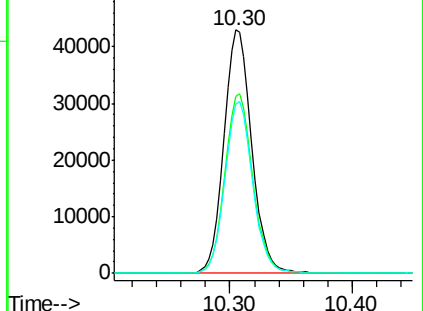
176 70.4 0.0 145.2



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: VU028590.D

Acq: 11 Dec 2018 07:41

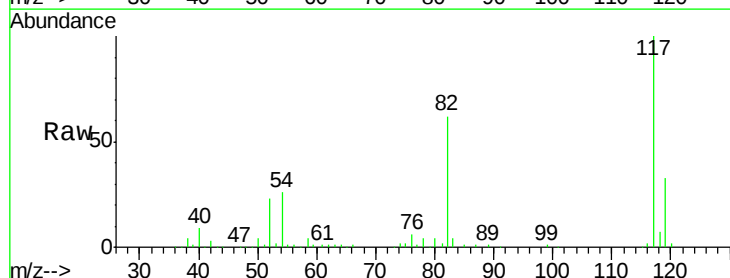
Tgt Ion: 117 Resp: 141273

Ion Ratio Lower Upper

117 100

82 61.9 48.9 73.3

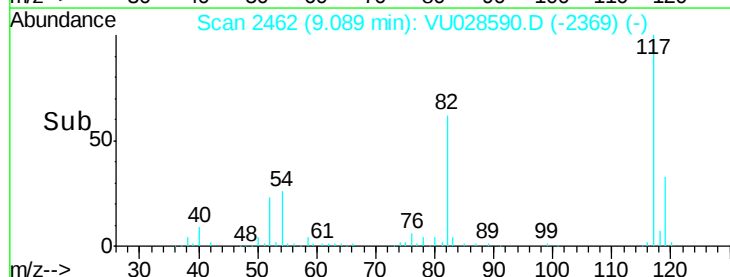
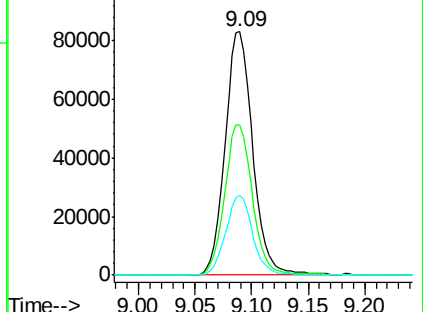
119 32.7 26.2 39.4

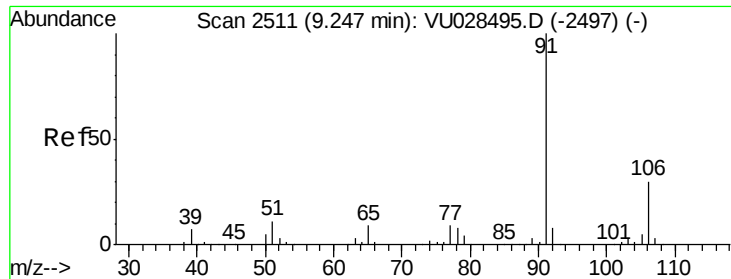


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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





#67

Ethyl Benzene

Concen: 1.426 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

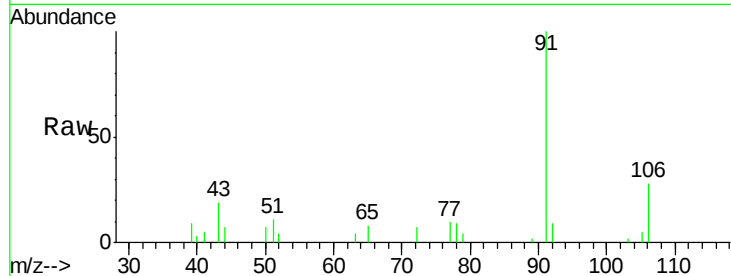
P001-SW002-01

Tot Ion: 91 Resp: 7890

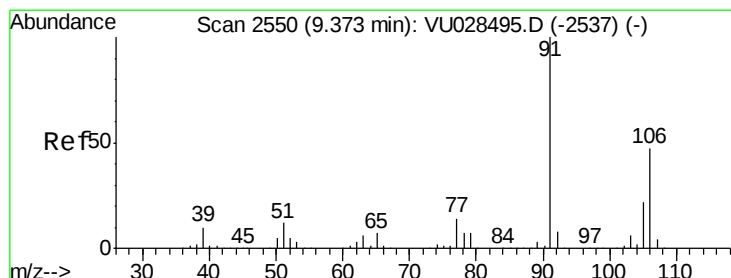
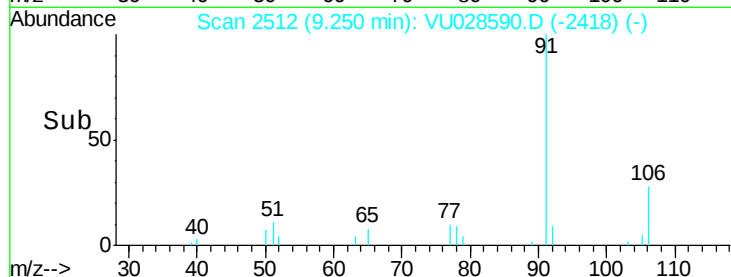
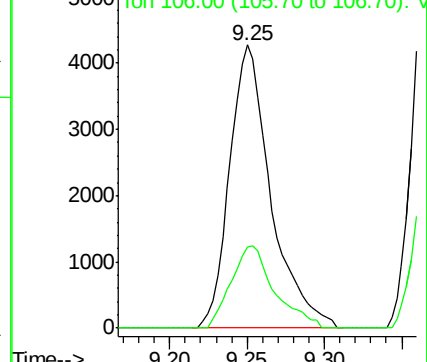
Ion Ratio Lower Upper

91 100

106 28.5 24.1 36.1



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



#68

m/p-Xylenes

Concen: 3.542 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028590.D

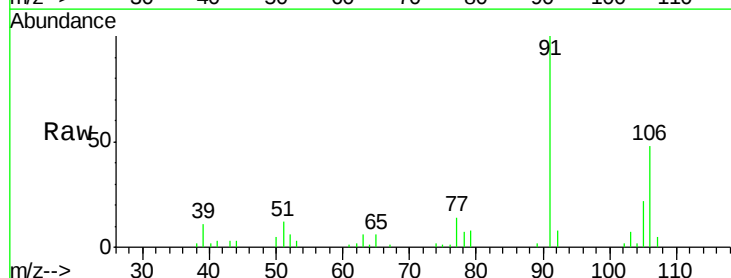
Acq: 11 Dec 2018 07:41

Tgt Ion: 106 Resp: 7133

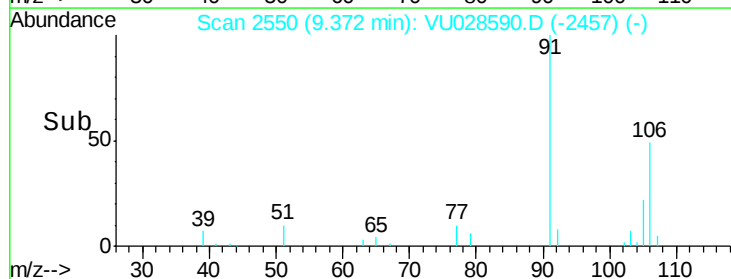
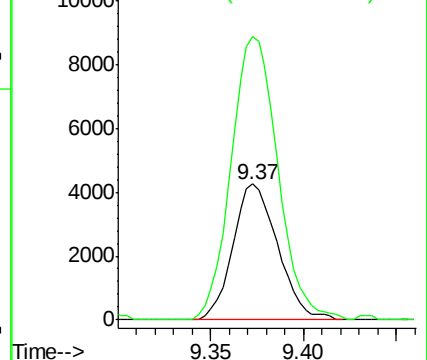
Ion Ratio Lower Upper

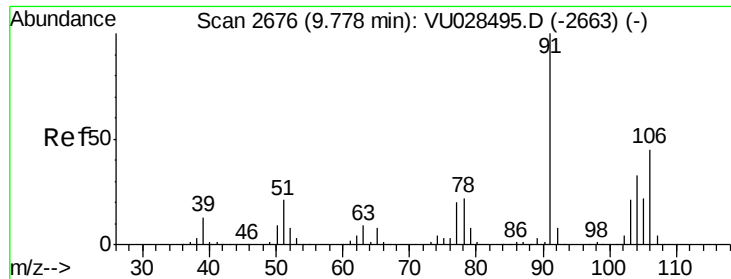
106 100

91 217.9 167.4 251.0



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

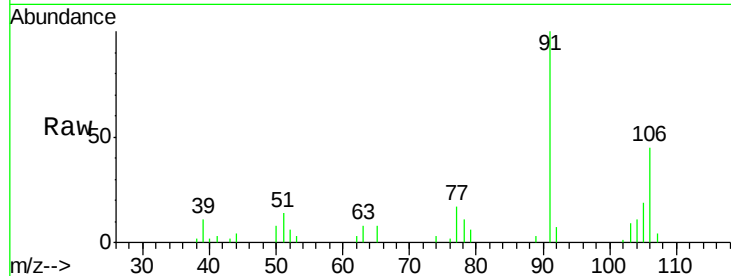




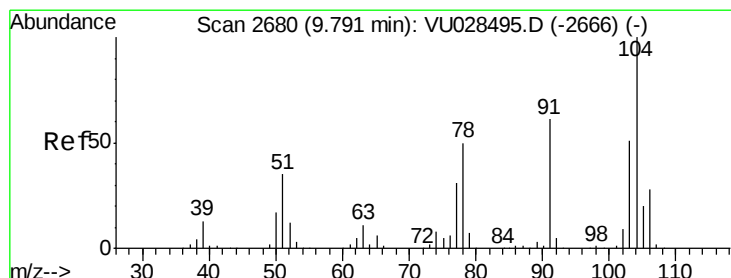
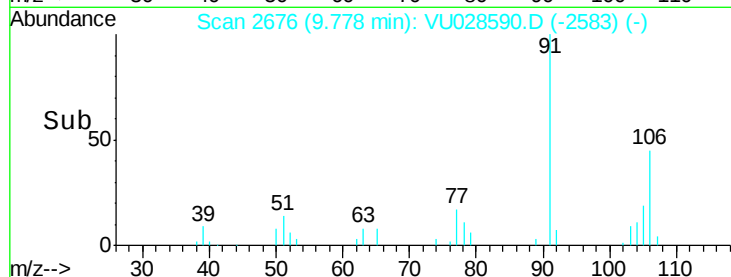
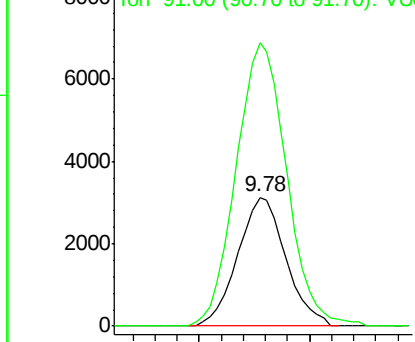
#69
o-Xylene
Concen: 2.425 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

Tot Ion:106 Resp: 4745
Ion Ratio Lower Upper
106 100
91 230.9 111.3 334.0

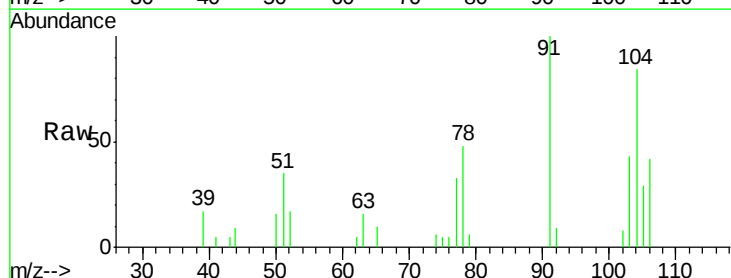


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

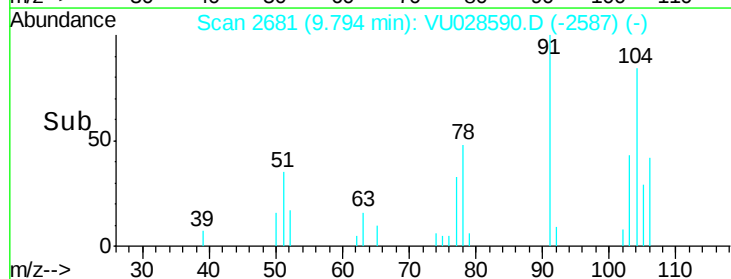
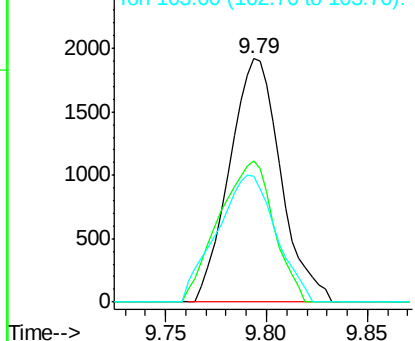


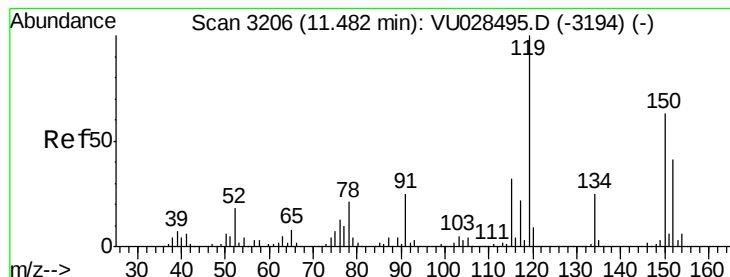
#70
Styrene
Concen: 1.051 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Tgt Ion:104 Resp: 3403
Ion Ratio Lower Upper
104 100
78 61.9 43.0 64.6
103 60.1 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: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

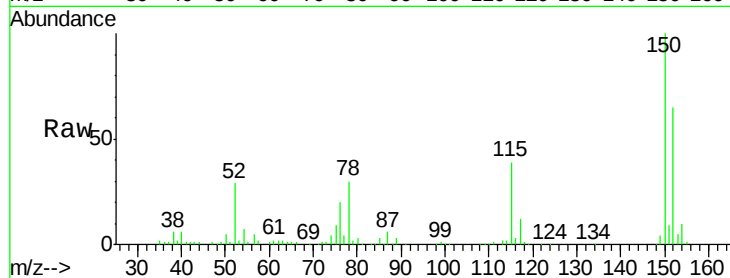
Tot Ion:152 Resp: 58627

Ion Ratio Lower Upper

152 100

115 60.9 42.7 128.1

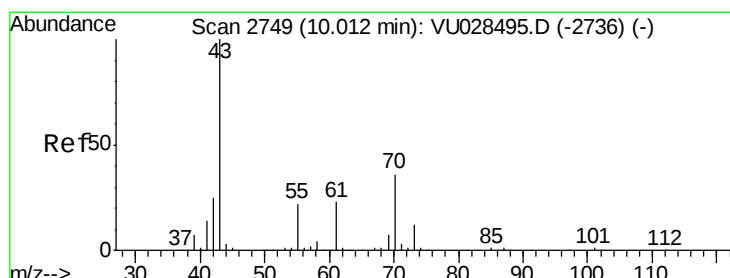
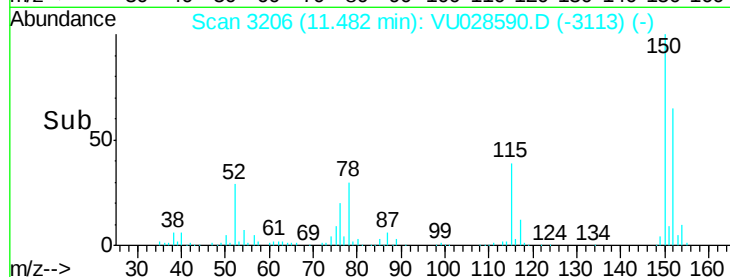
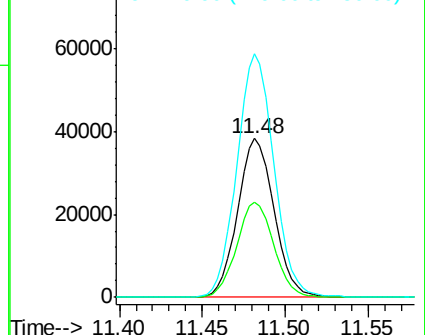
150 155.7 0.0 346.0



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



#74

N-ethyl acetate

Concen: 0.235 ug/l

RT: 10.02 min Scan# 2752

Delta R.T. 0.01 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Tgt Ion: 43 Resp: 610

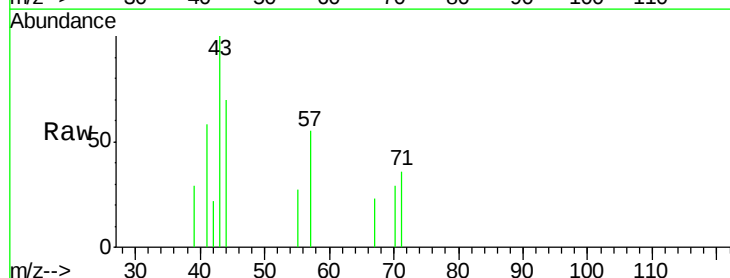
Ion Ratio Lower Upper

43 100

70 25.6 29.3 43.9#

55 0.0 18.0 27.0#

61 0.0 18.3 27.5#

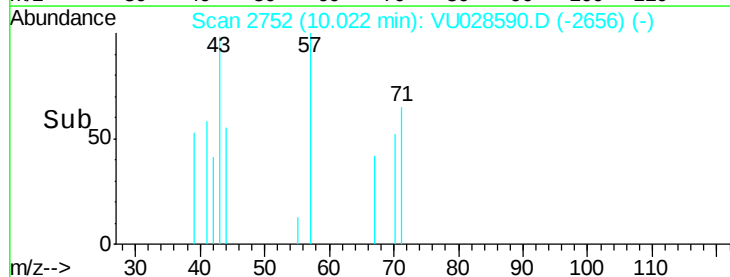
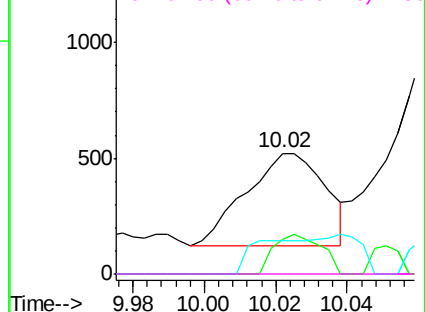


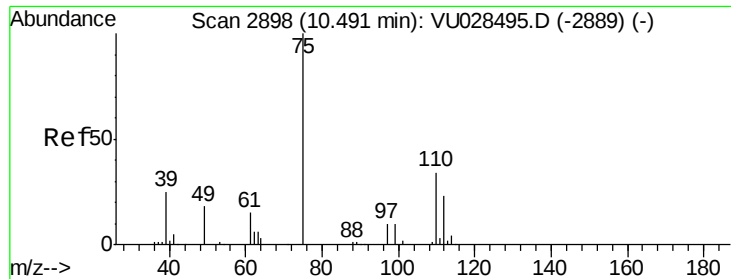
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 23.667 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

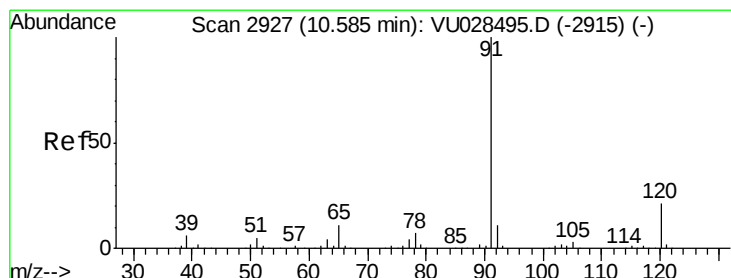
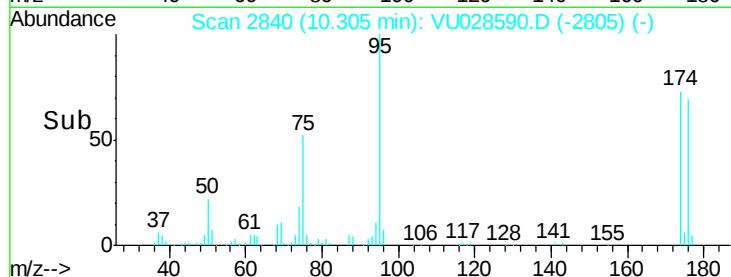
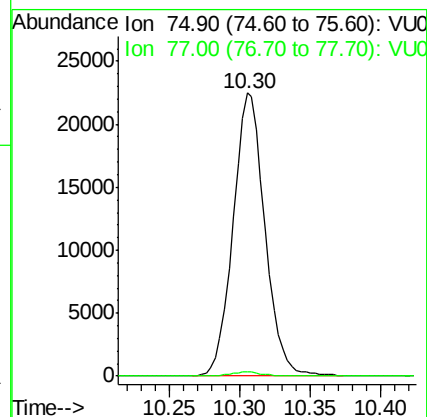
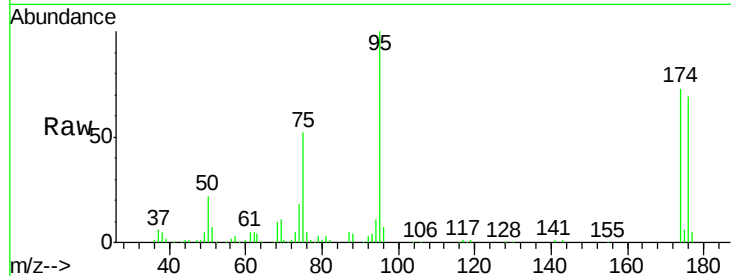
P001-SW002-01

Tot Ion: 75 Resp: 35431

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.4#



#78

n-propylbenzene

Concen: 0.276 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028590.D

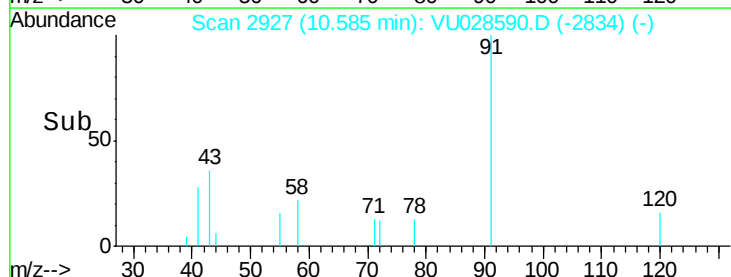
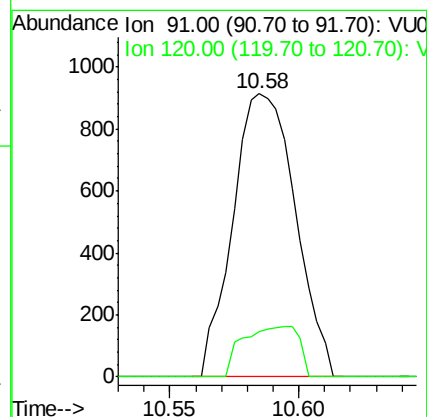
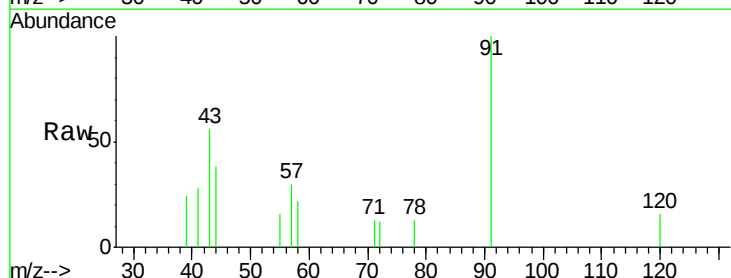
Acq: 11 Dec 2018 07:41

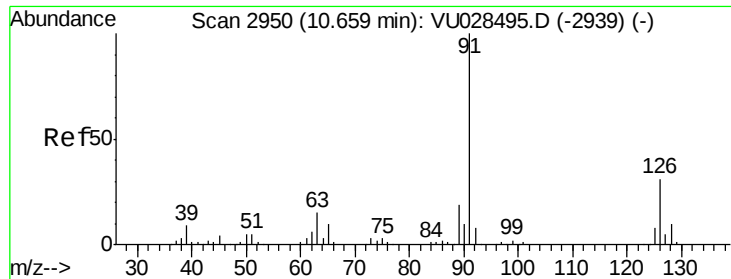
Tgt Ion: 91 Resp: 1541

Ion Ratio Lower Upper

91 100

120 16.1 10.6 31.8

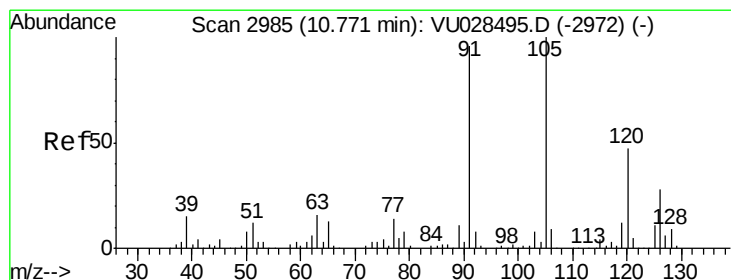
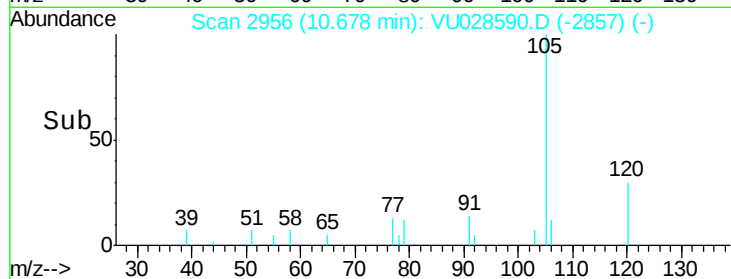
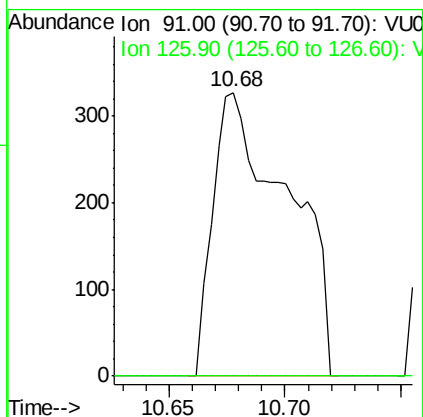
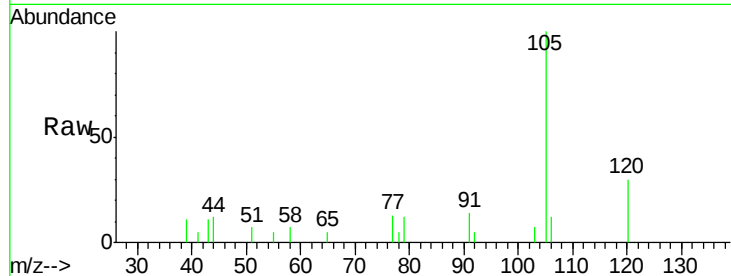




#79
 2-Chlorotoluene
 Concen: 0.227 ug/l
 RT: 10.68 min Scan# 2956
 Delta R.T. 0.02 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

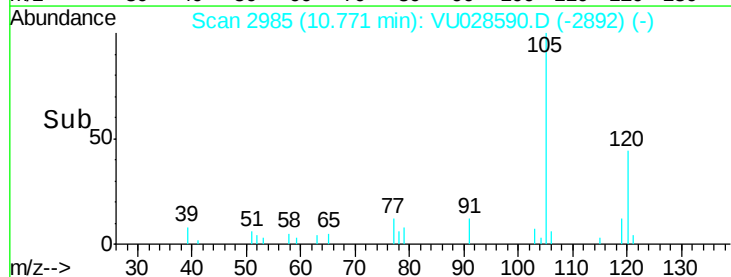
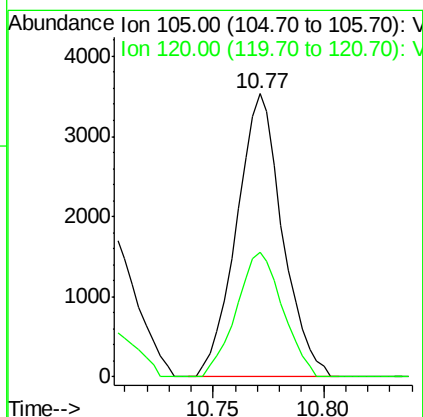
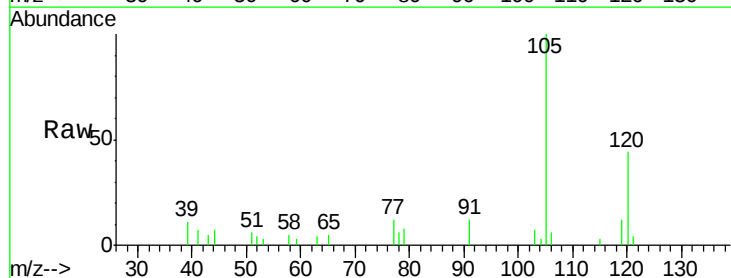
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

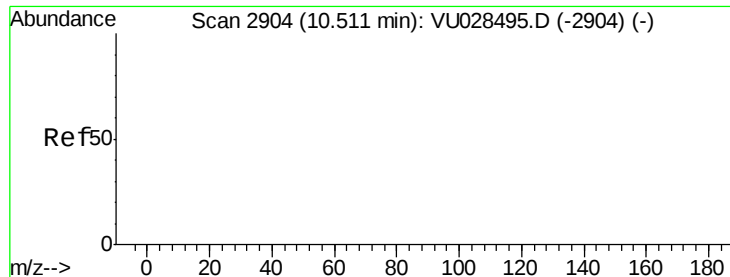
Tot Ion: 91 Resp: 732
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.370 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Tgt Ion: 105 Resp: 5103
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 58.104 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

Instrument :

MSVOA_U

ClientSampleId :

P001-SW002-01

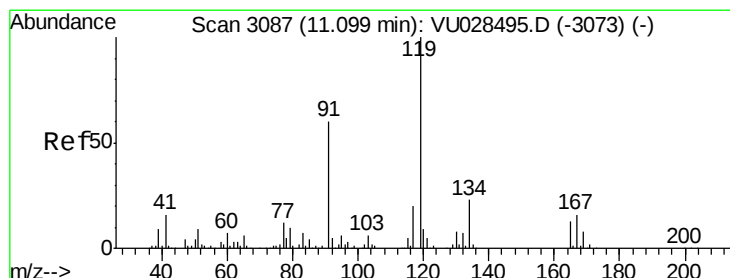
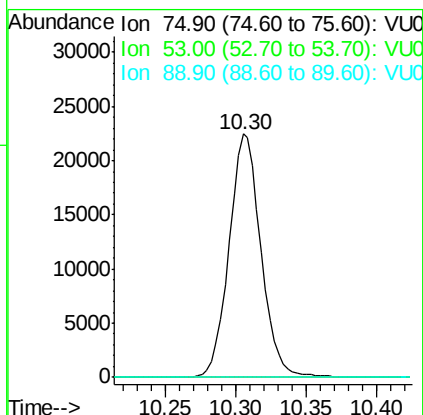
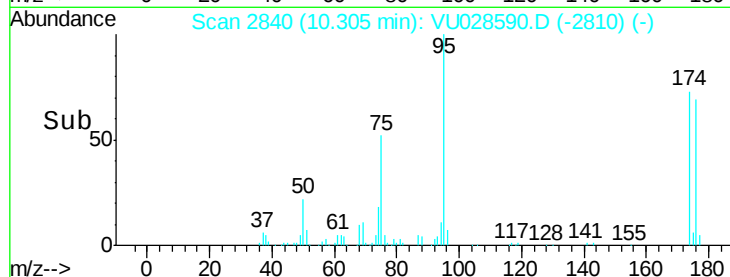
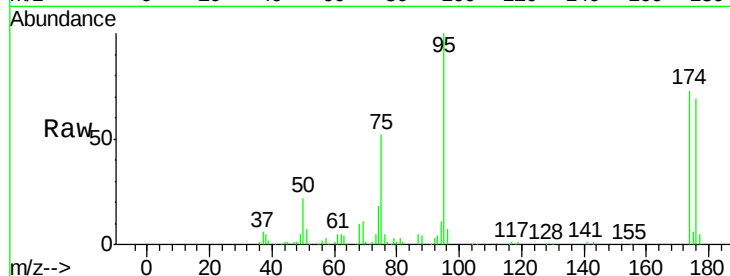
Tot Ion: 75 Resp: 35431

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#83

tert-Butylbenzene

Concen: 0.217 ug/l

RT: 11.14 min Scan# 3101

Delta R.T. 0.04 min

Lab File: VU028590.D

Acq: 11 Dec 2018 07:41

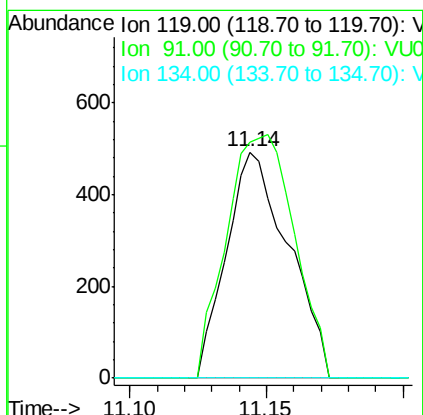
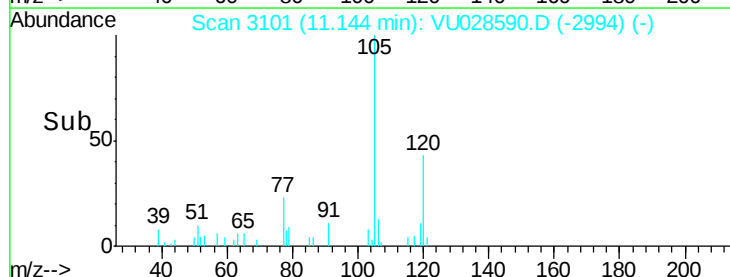
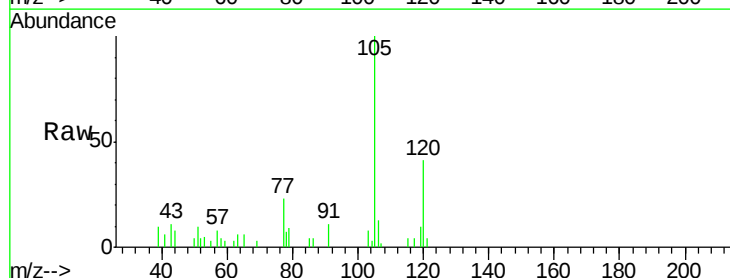
Tgt Ion: 119 Resp: 779

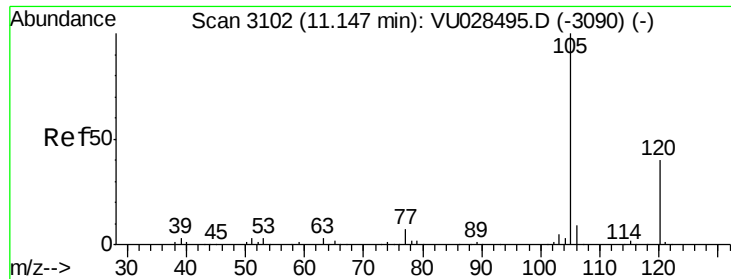
Ion Ratio Lower Upper

119 100

91 118.0 30.3 91.0#

134 0.0 11.2 33.5#

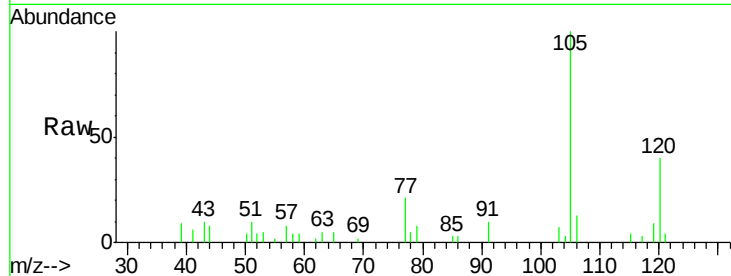




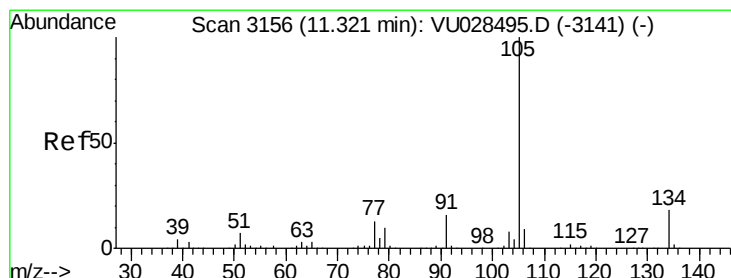
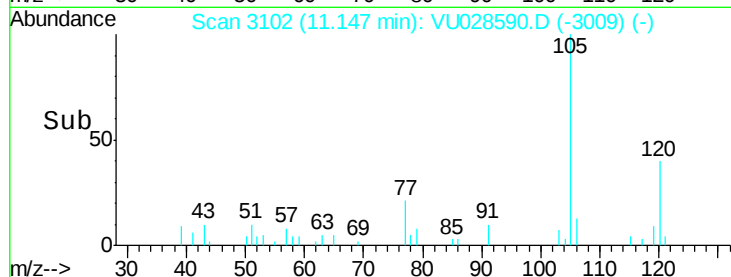
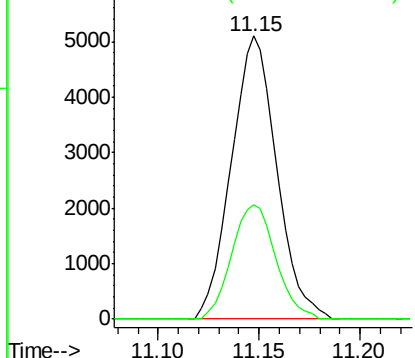
#84
 1,2,4-Trimethylbenzene
 Concen: 2.090 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW002-01

Tot Ion:105 Resp: 8022
 Ion Ratio Lower Upper
 105 100
 120 39.3 21.8 65.4

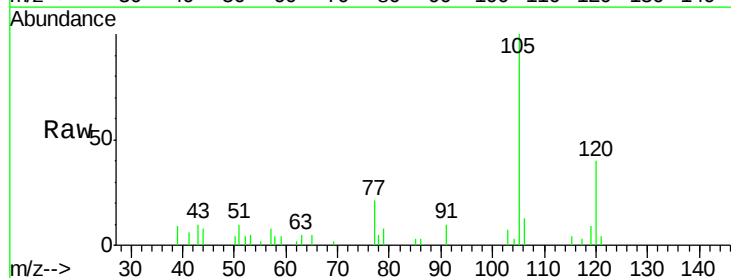


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

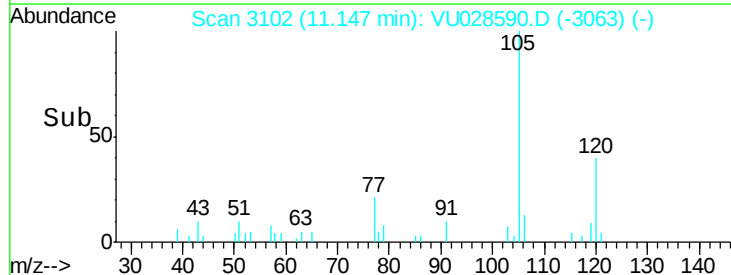
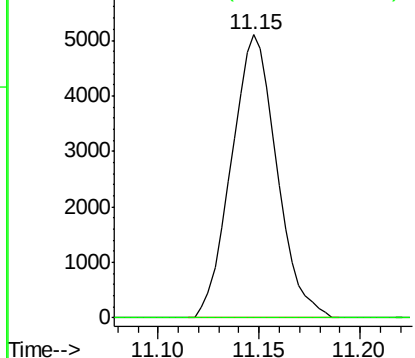


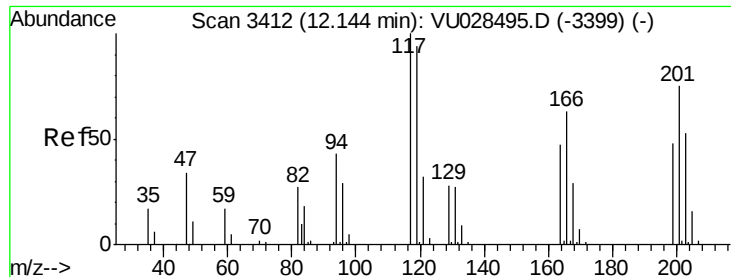
#85
 sec-Butylbenzene
 Concen: 1.740 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU028590.D
 Acq: 11 Dec 2018 07:41

Tgt Ion:105 Resp: 8022
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

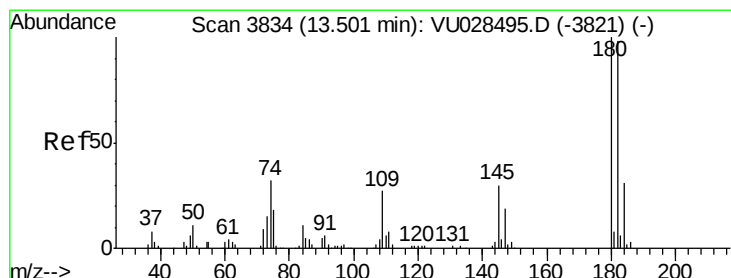
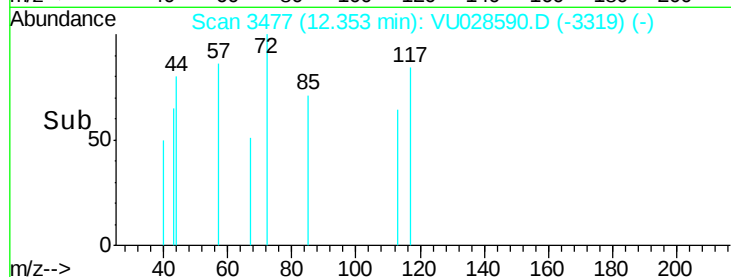
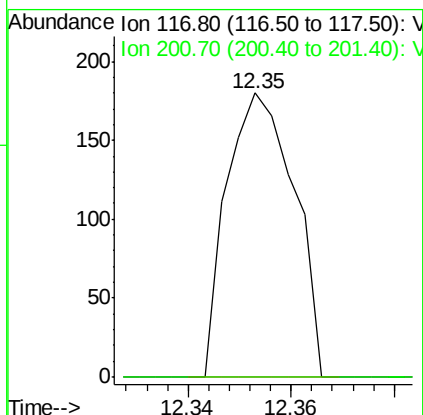
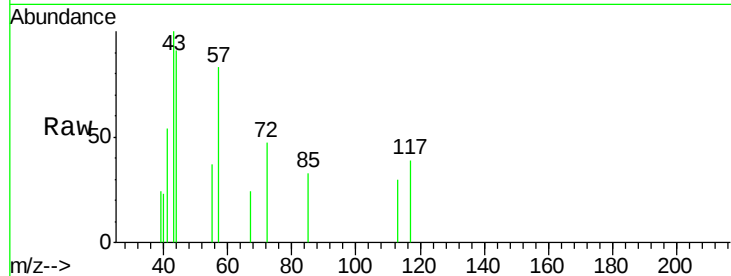




#90
Hexachloroethane
Concen: 0.274 ug/l
RT: 12.35 min Scan# 3477
Delta R.T. 0.21 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

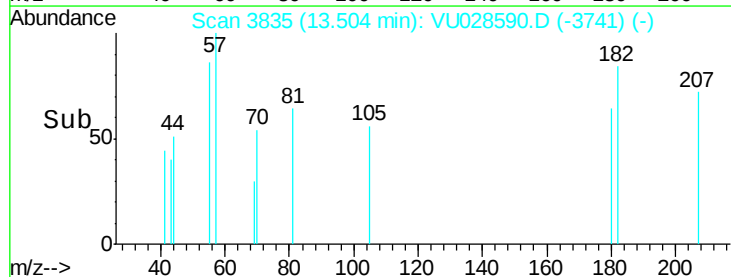
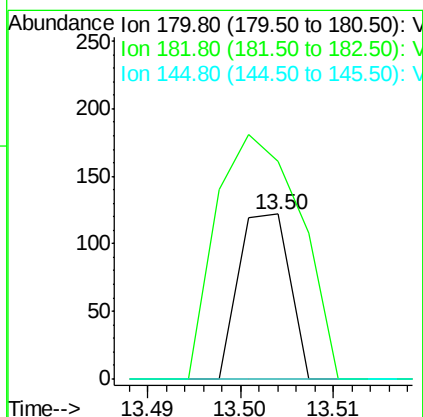
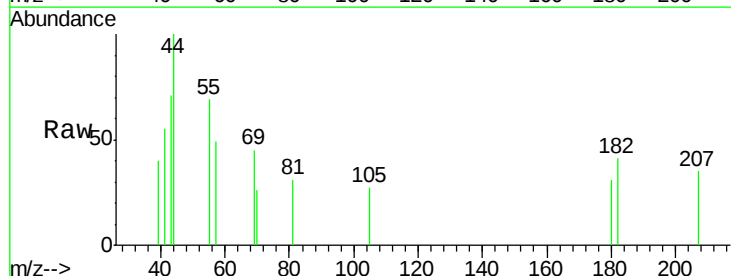
Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

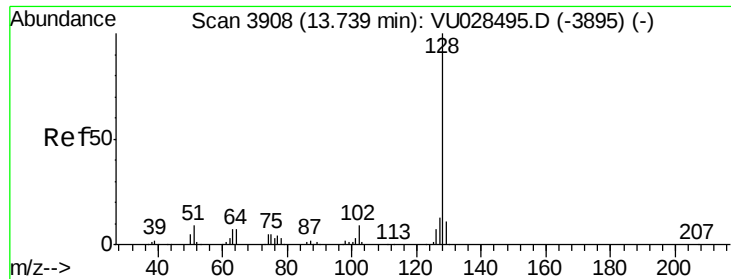
Tot Ion:117 Resp: 162
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.877 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Tgt Ion:180 Resp: 47
Ion Ratio Lower Upper
180 100
182 242.6 47.9 143.8#
145 0.0 15.0 45.1#





#95
Naphthalene
Concen: 1.363 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028590.D
Acq: 11 Dec 2018 07:41

Instrument :
MSVOA_U
ClientSampleId :
P001-SW002-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.4	15.6
129	9.8	8.6	13.0

