

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028582.D
 Acq On : 11 Dec 2018 04:28
 Operator : MD/SY
 Sample : J6305-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

Quant Time: Dec 11 07:10:12 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

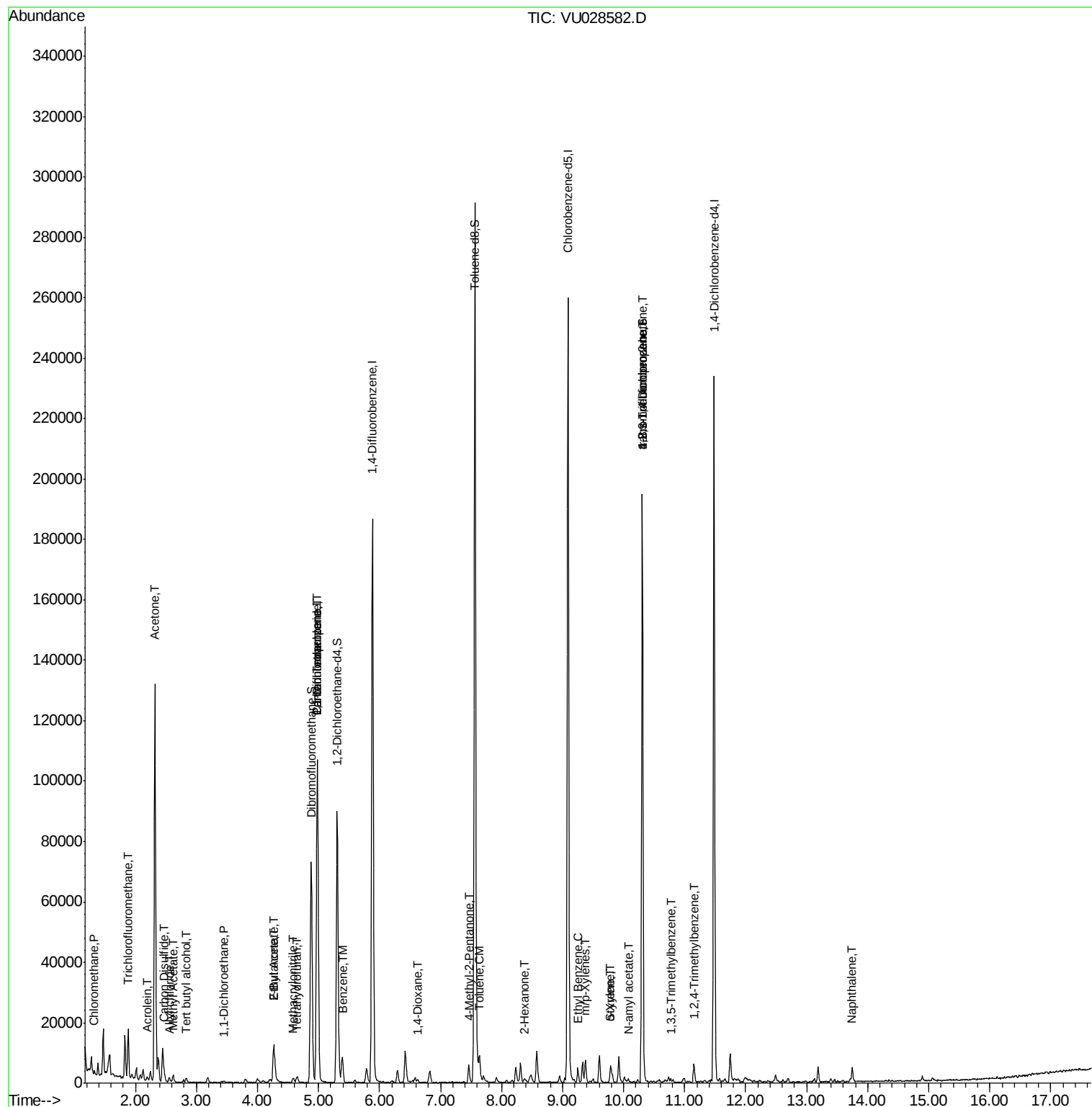
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	148108	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69272	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
35) Dibromofluoromethane	4.88	113	49418	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	7.56	98	190352	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	10.31	95	64718	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1400	0.718	ug/l	93
7) Trichlorofluoromethane	1.88	101	9908	6.688	ug/l	99
11) Tert butyl alcohol	2.83	59	1694	6.293	ug/l #	73
13) Acrolein	2.19	56	564	2.628	ug/l #	79
14) Allyl chloride	2.56	41	1647	0.790	ug/l #	37
16) Acetone	2.32	43	134649	170.771	ug/l	99
17) Carbon Disulfide	2.48	76	2797	0.881	ug/l #	91
18) Methyl Acetate	2.62	43	3468	1.697	ug/l #	88
24) 1,1-Dichloroethane	3.44	63	702	0.331	ug/l #	85
25) 2-Butanone	4.27	43	23370	21.688	ug/l	96
29) Tetrahydrofuran	4.65	42	1304	1.884	ug/l #	80
31) Cyclohexane	4.98	56	1878	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7283	4.494	ug/l #	49
37) Ethyl Acetate	4.27	43	23370	11.155	ug/l #	70
38) Carbon Tetrachloride	4.98	117	8307	6.359	ug/l #	15
40) Benzene	5.39	78	8239	1.726	ug/l	99
41) Methacrylonitrile	4.58	41	260	0.227	ug/l #	25
49) 1,4-Dioxane	6.62	88	454	17.447	ug/l #	52
51) 4-Methyl-2-Pentanone	7.46	43	4701	2.249	ug/l	93
52) Toluene	7.64	92	2932	1.044	ug/l	82
59) 2-Hexanone	8.38	43	950	0.573	ug/l	95
67) Ethyl Benzene	9.25	91	3457	0.657	ug/l	94
68) m/p-Xylenes	9.38	106	2005	1.048	ug/l	100
69) o-Xylene	9.78	106	779	0.419	ug/l	99
70) Styrene	9.79	104	2085	0.677	ug/l	93
74) N-amyl acetate	10.08	43	514	0.212	ug/l #	57
76) 1,2,3-Trichloropropane	10.30	75	34122	24.353	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1062	0.305	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.30	75	34122	59.774	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2485	0.692	ug/l	88
95) Naphthalene	13.75	128	4281	0.959	ug/l	98

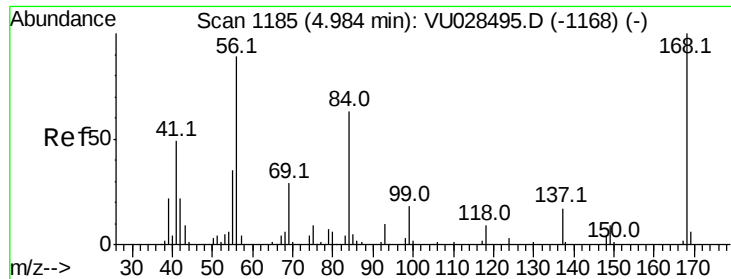
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

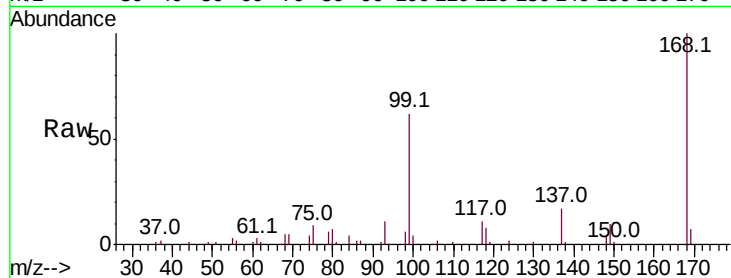
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:168 Resp: 79178

Ion Ratio Lower Upper

168 100

99 62.1 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

30000

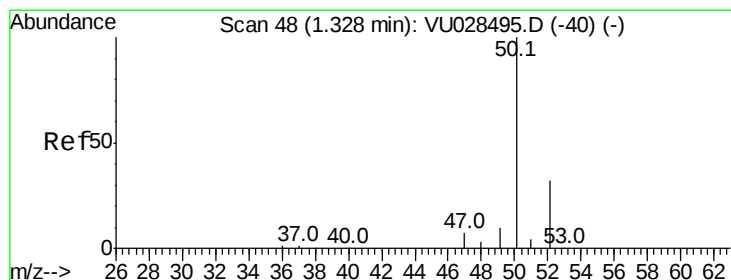
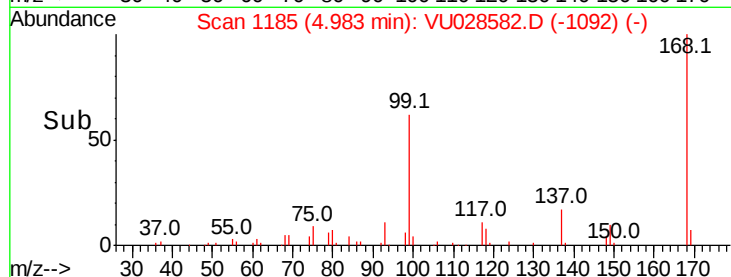
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.718 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028582.D

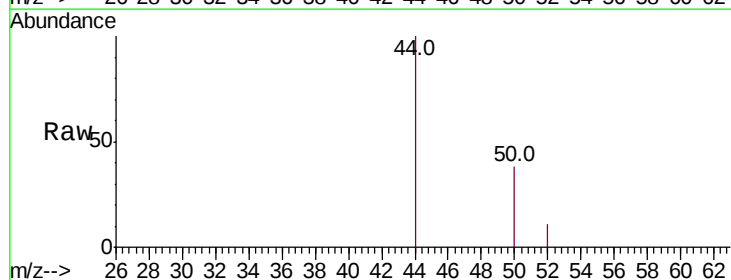
Acq: 11 Dec 2018 04:28

Tgt Ion: 50 Resp: 1400

Ion Ratio Lower Upper

50 100

52 28.1 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

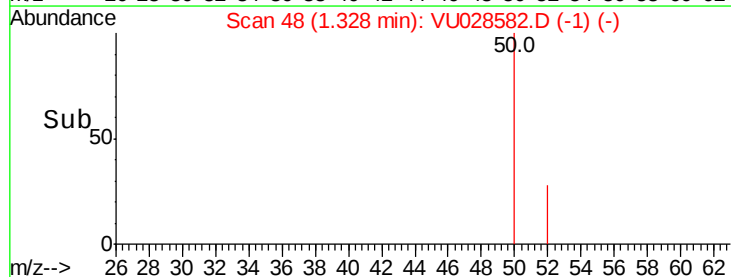
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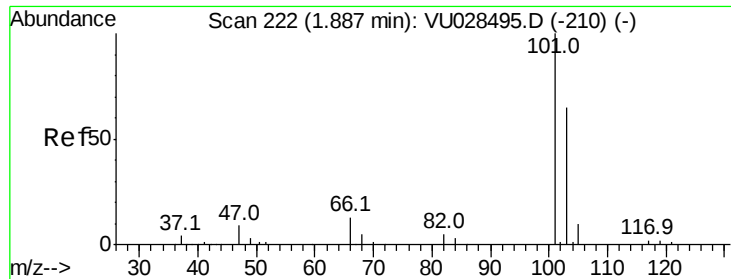
200

0

1.30 1.32 1.34 1.36 1.38

Time-->



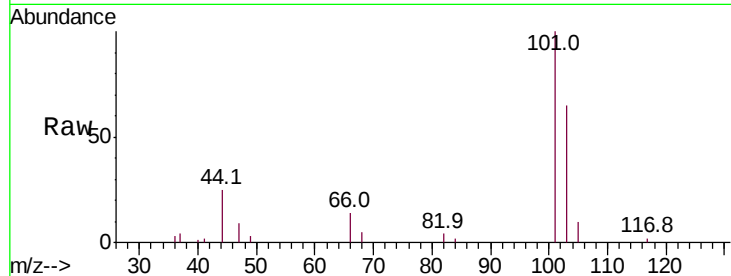


#7

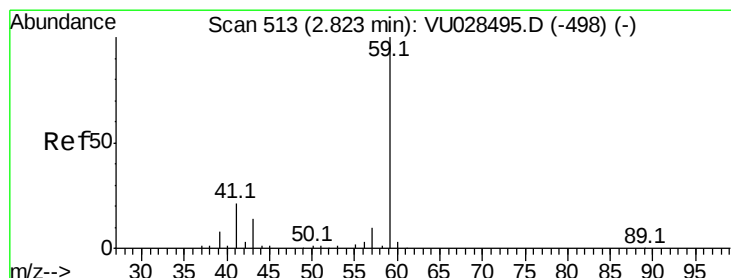
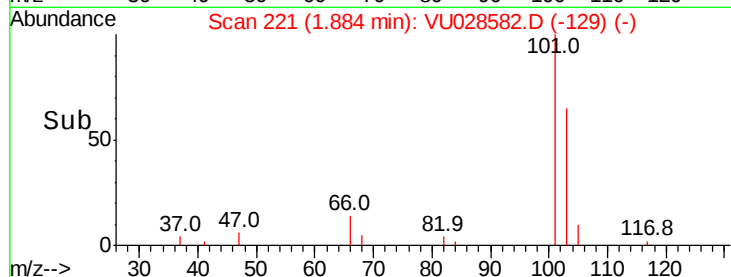
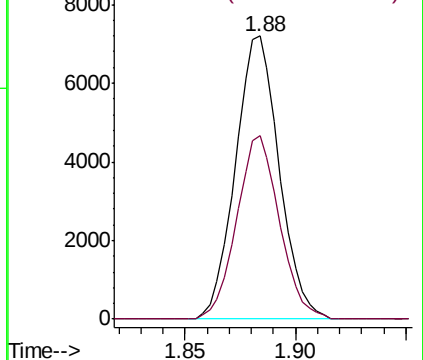
Trichlorofluoromethane
Concen: 6.688 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:101 Resp: 9908
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5



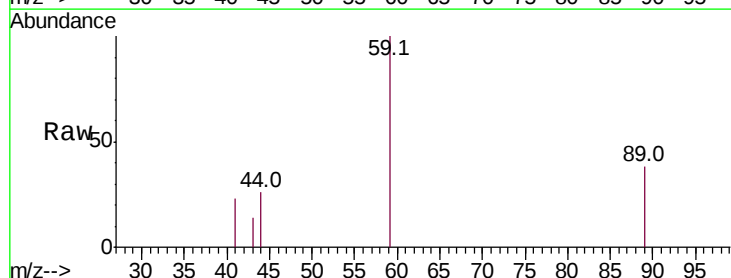
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



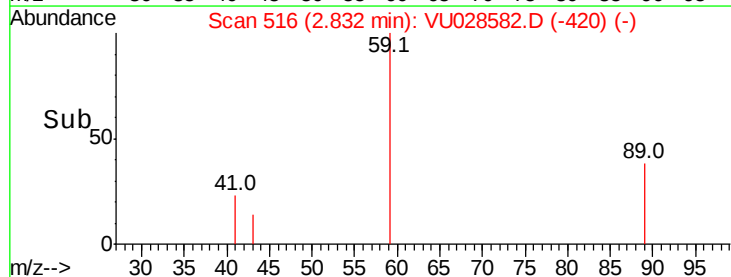
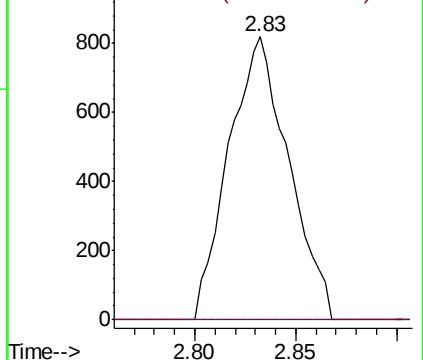
#11

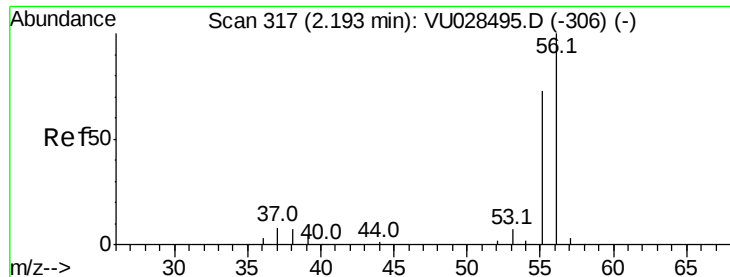
Tert butyl alcohol
Concen: 6.293 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 59 Resp: 1694
Ion Ratio Lower Upper
59 100
57 0.0 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: 2.628 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

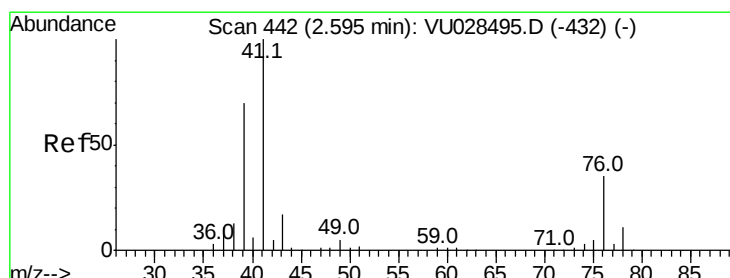
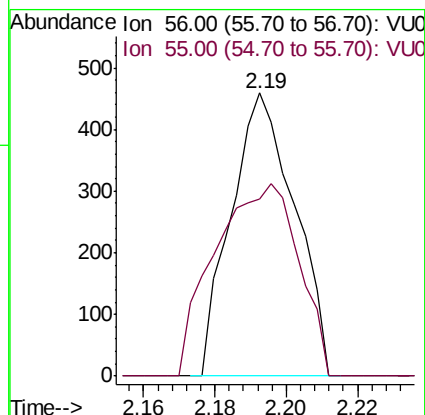
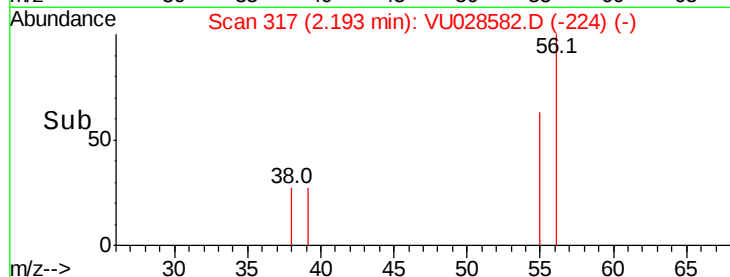
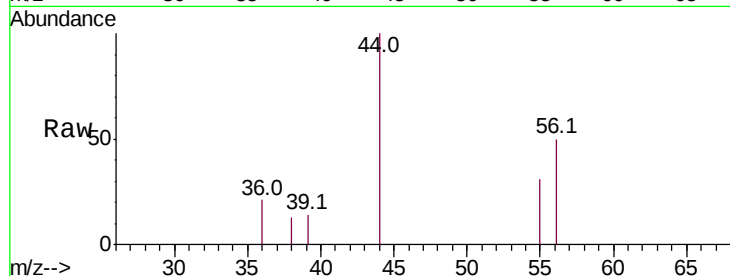
P001-SW004-02

Tot Ion: 56 Resp: 564

Ion Ratio Lower Upper

56 100

55 89.7 57.5 86.3#



#14

Allyl chloride

Concen: 0.790 ug/l

RT: 2.56 min Scan# 431

Delta R.T. -0.04 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

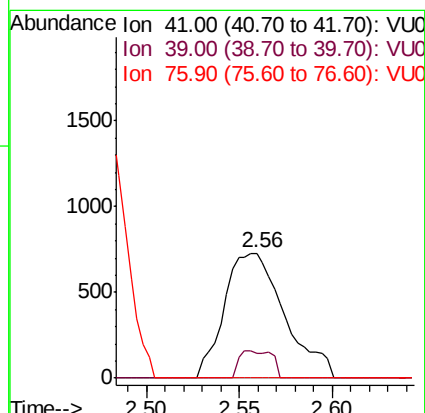
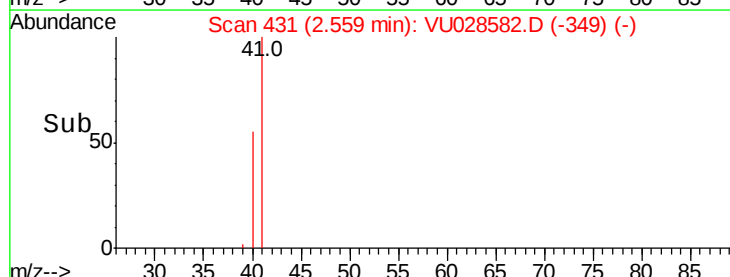
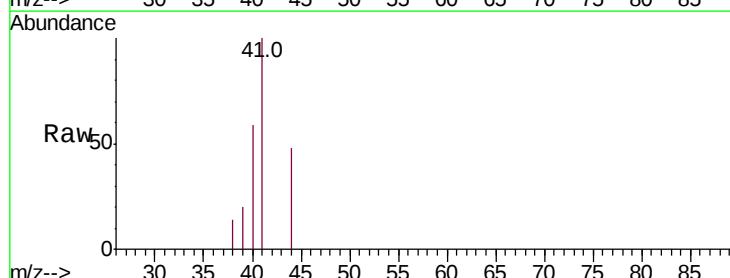
Tgt Ion: 41 Resp: 1647

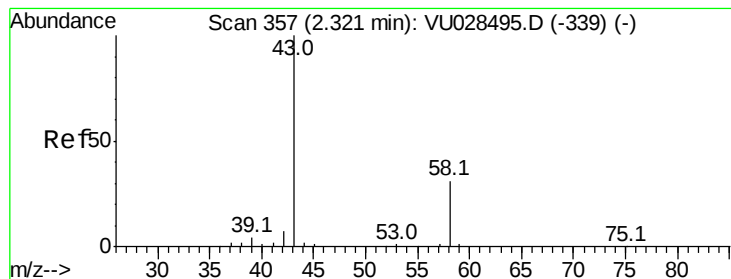
Ion Ratio Lower Upper

41 100

39 11.8 50.8 76.2#

76 0.0 24.8 37.2#





#16

Acetone

Concen: 170.771 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

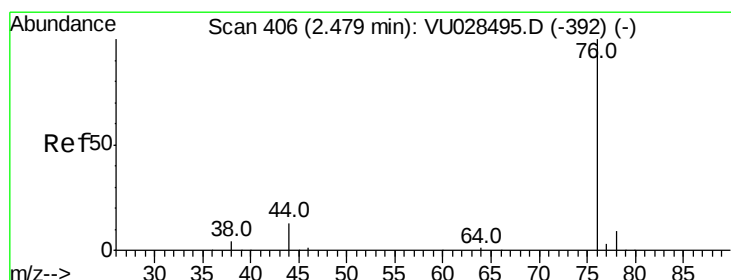
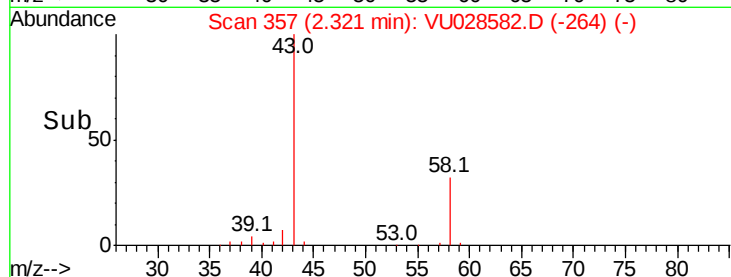
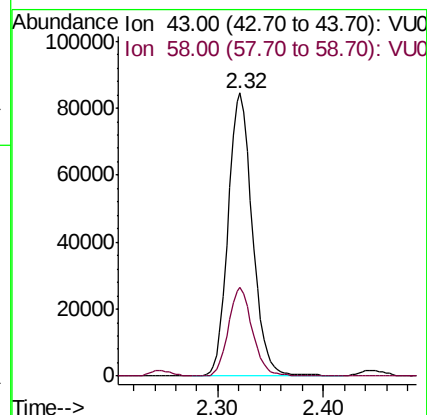
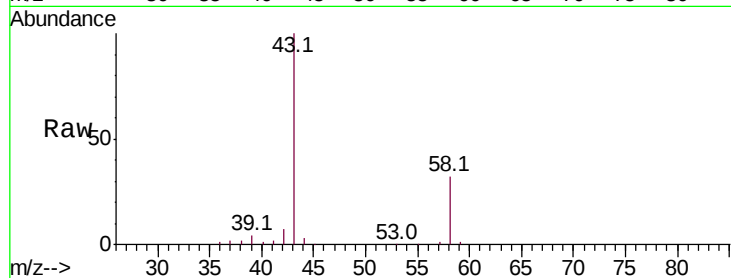
P001-SW004-02

Tot Ion: 43 Resp: 134649

Ion Ratio Lower Upper

43 100

58 31.6 24.6 37.0



#17

Carbon Disulfide

Concen: 0.881 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028582.D

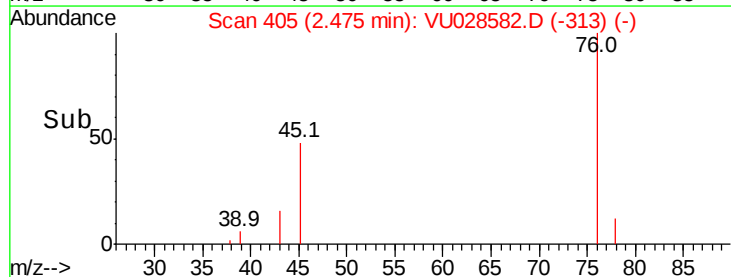
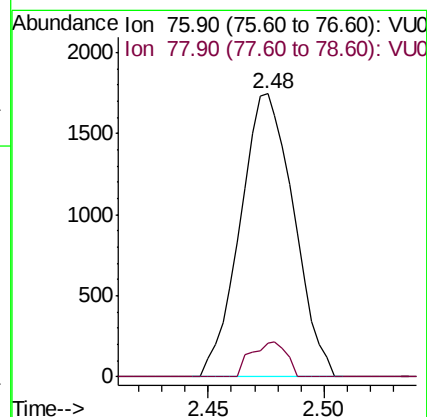
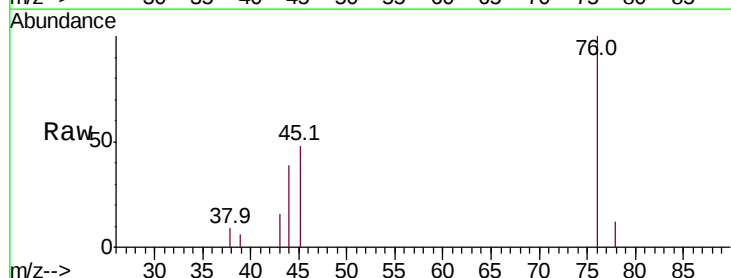
Acq: 11 Dec 2018 04:28

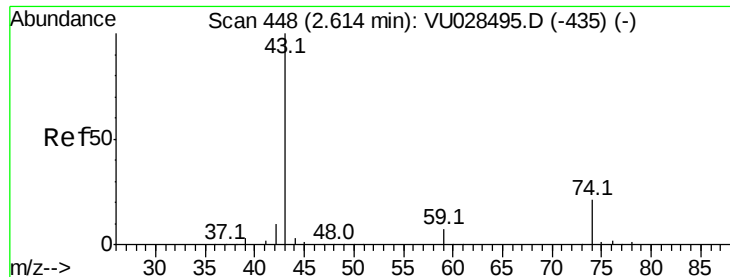
Tgt Ion: 76 Resp: 2797

Ion Ratio Lower Upper

76 100

78 12.2 7.2 10.8#

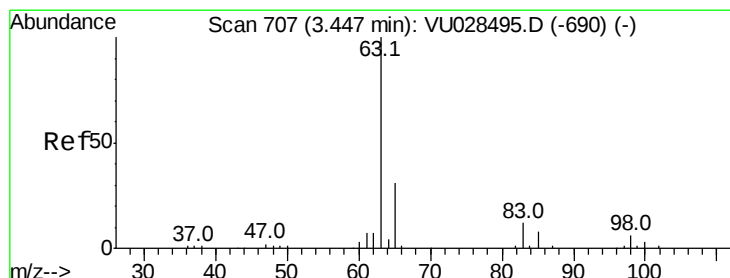
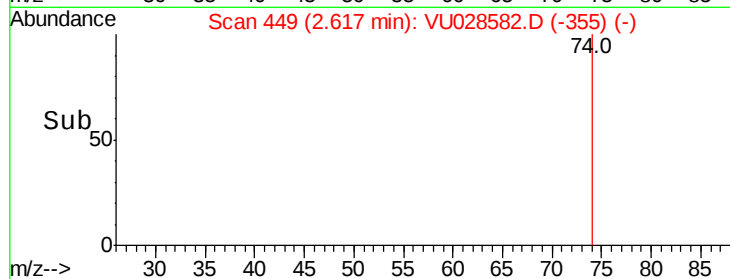
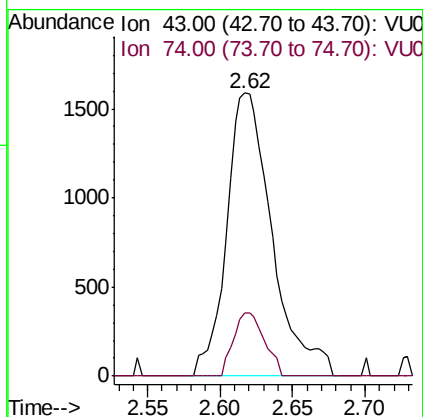
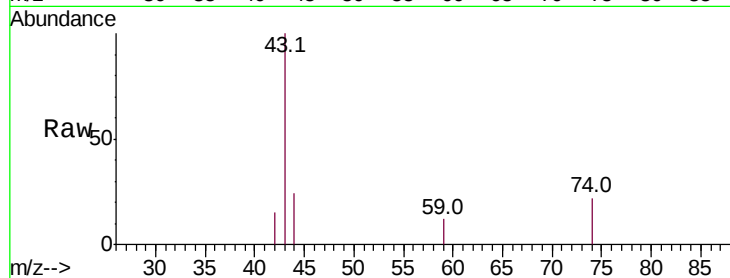




#18
Methvl Acetate
Concen: 1.697 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

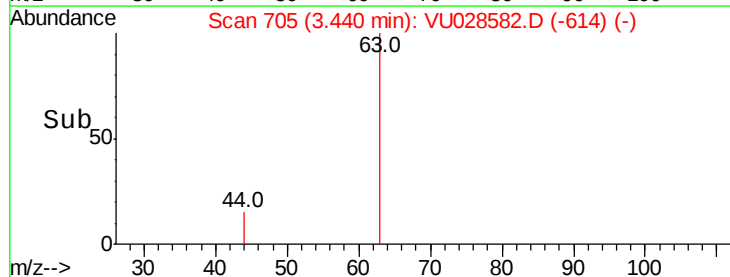
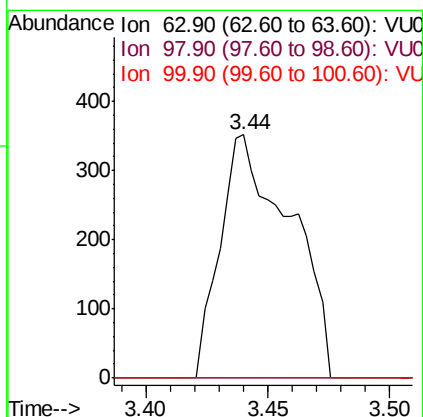
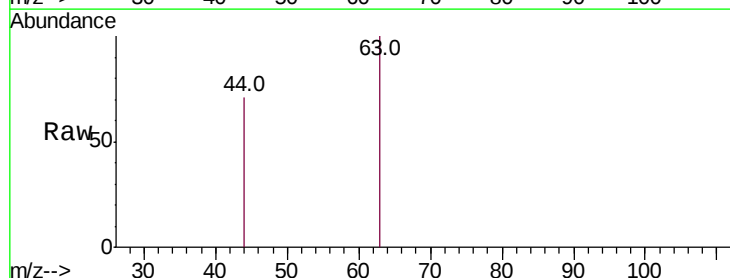
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

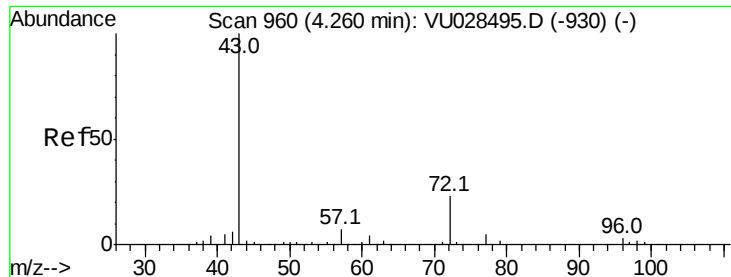
Tot Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
74 15.1 16.4 24.6#



#24
1,1-Dichloroethane
Concen: 0.331 ug/l
RT: 3.44 min Scan# 705
Delta R.T. -0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 63 Resp: 702
Ion Ratio Lower Upper
63 100
98 0.0 3.0 9.2#
100 0.0 1.7 5.1#





#25

2-Butanone

Concen: 21.688 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

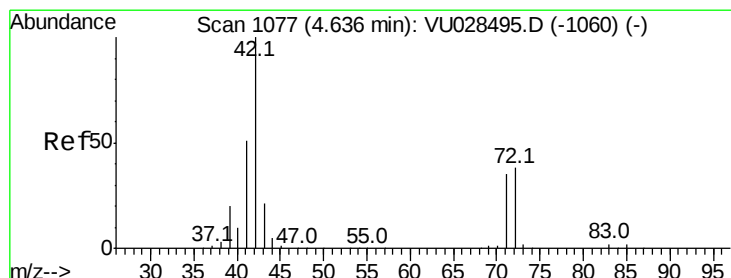
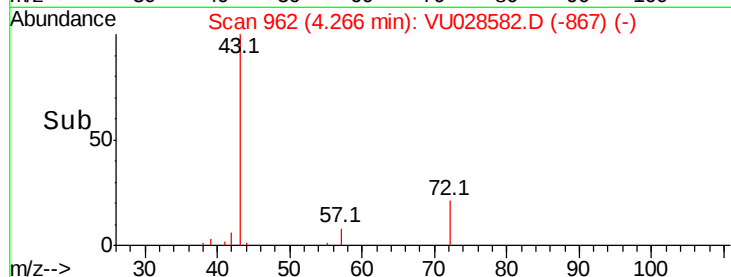
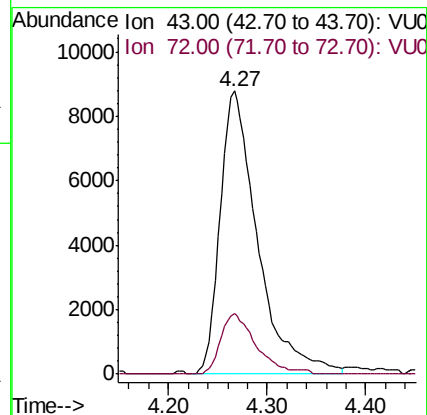
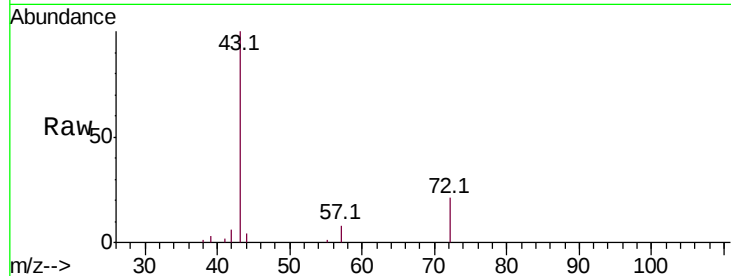
P001-SW004-02

Tot Ion: 43 Resp: 23370

Ion Ratio Lower Upper

43 100

72 21.2 18.6 28.0



#29

Tetrahydrofuran

Concen: 1.884 ug/l

RT: 4.65 min Scan# 1082

Delta R.T. 0.02 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

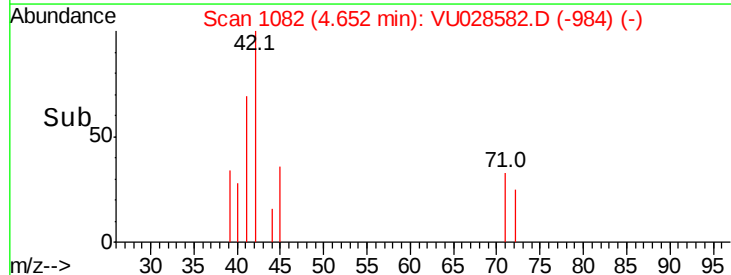
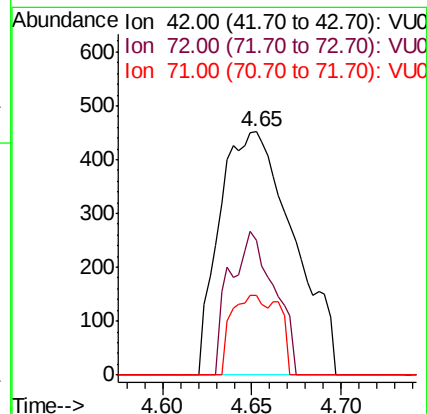
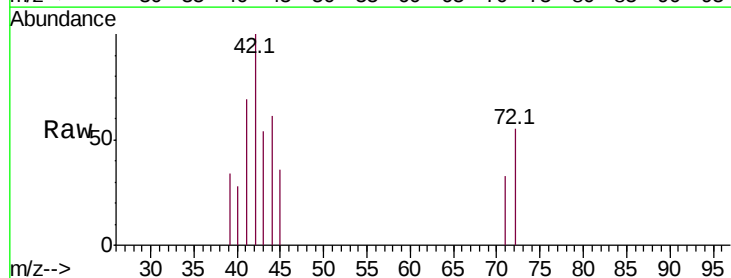
Tgt Ion: 42 Resp: 1304

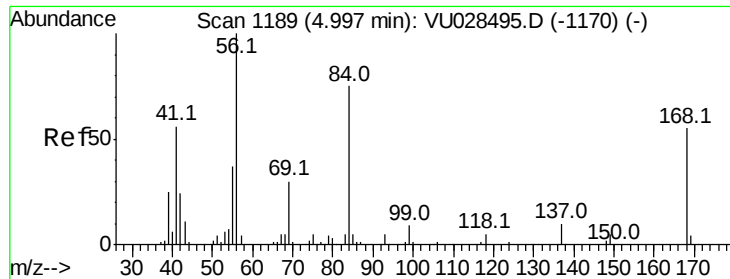
Ion Ratio Lower Upper

42 100

72 35.5 31.4 47.0

71 15.4 28.6 43.0#

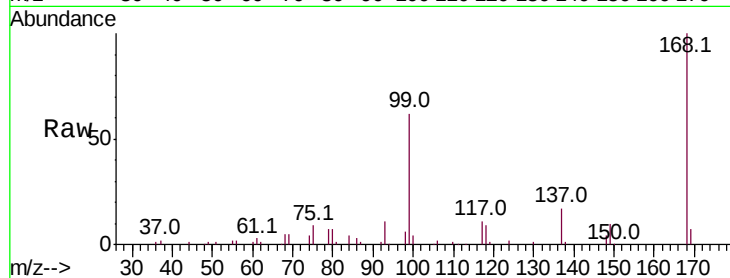




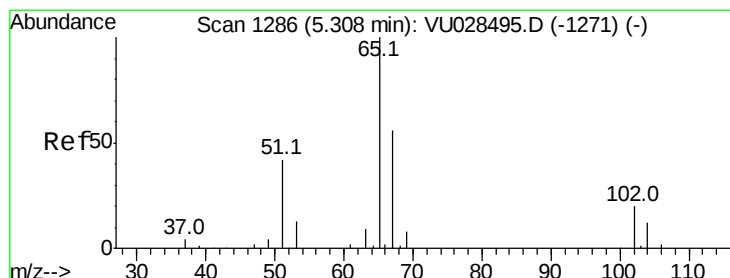
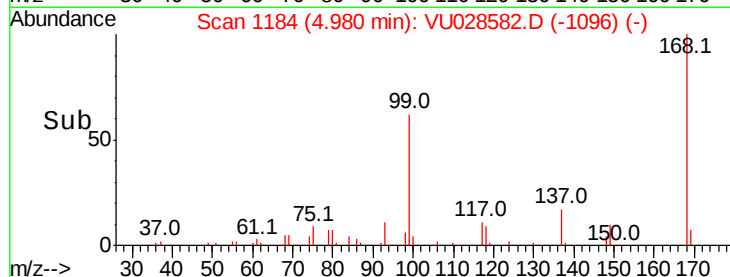
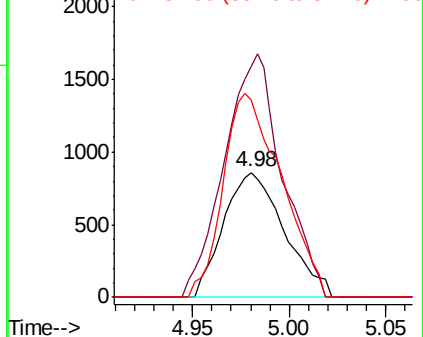
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion: 56 Resp: 1878
Ion Ratio Lower Upper
56 100
69 185.3 24.0 36.0#
84 158.0 59.7 89.5#

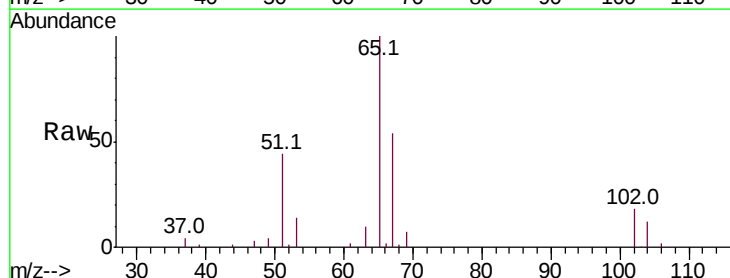


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

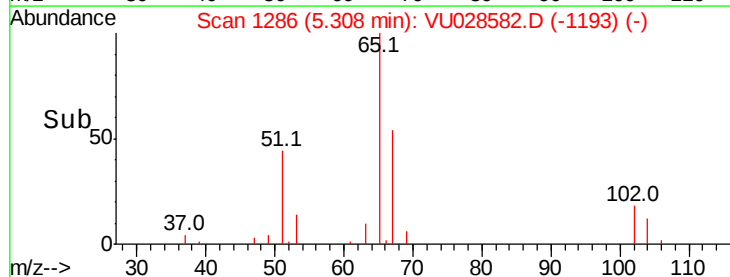
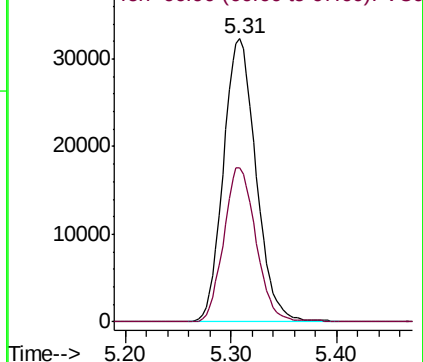


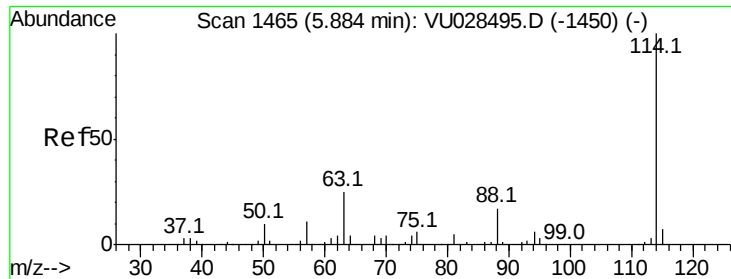
#33
1,2-Dichloroethane-d4
Concen: 57.330 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 65 Resp: 69272
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

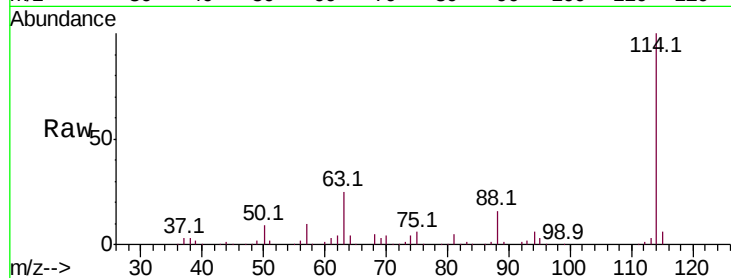




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.2	0.0	33.4

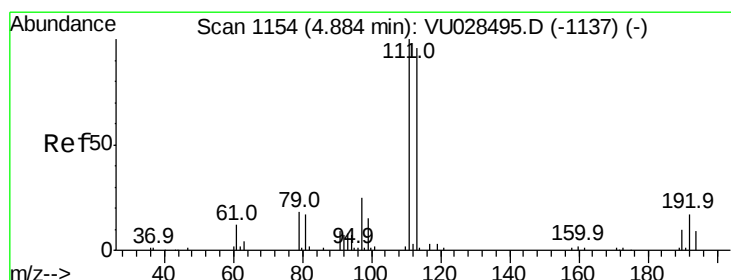
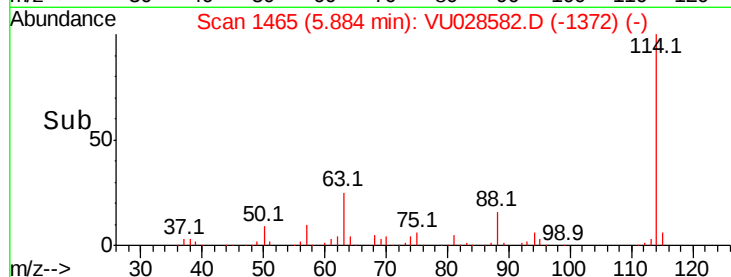
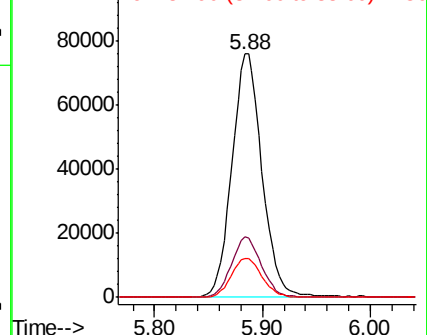


Abundance

Ion 113.90 (113.60 to 114.60): V

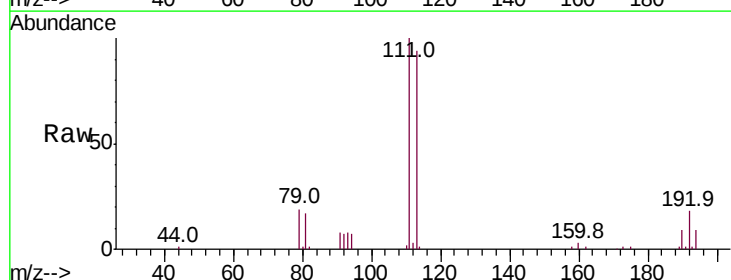
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 53.021 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.4	125.0
192	19.2	14.8	22.2

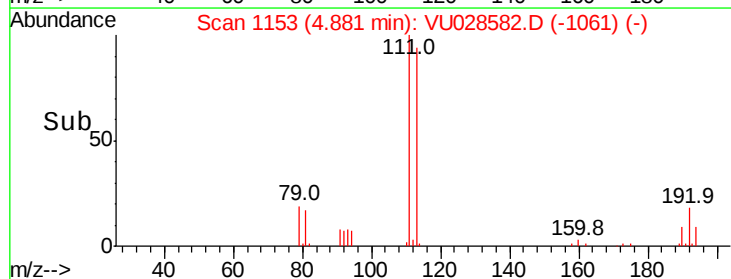
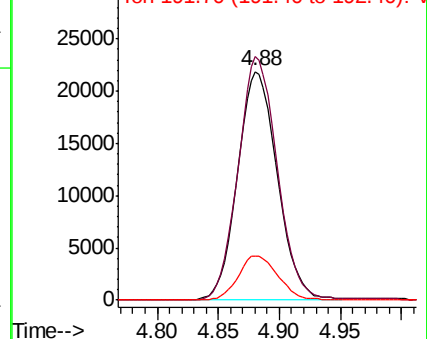


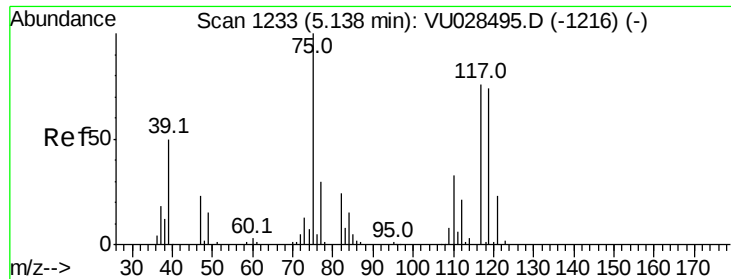
Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.494 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

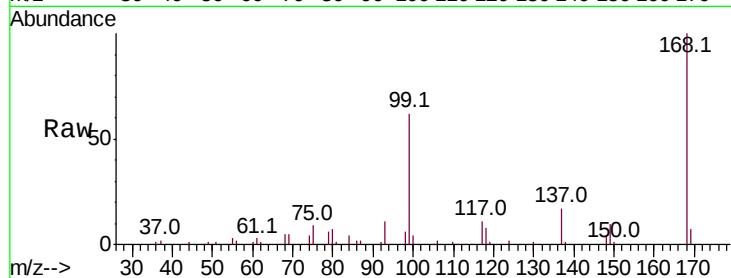
Tot Ion: 75 Resp: 7283

Ion Ratio Lower Upper

75 100

110 5.8 16.1 48.2#

77 0.0 24.5 36.7#

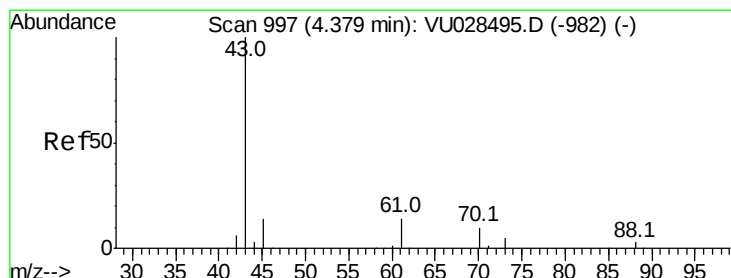
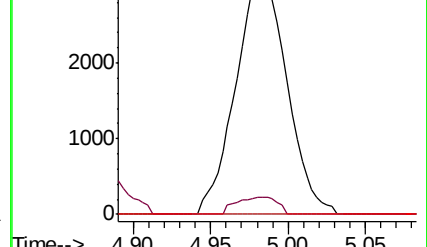
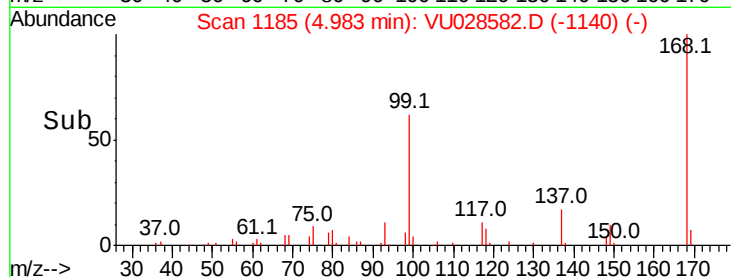


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)

Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)

Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

Time-->



#37

Ethyl Acetate

Concen: 11.155 ug/l

RT: 4.27 min Scan# 962

Delta R.T. -0.11 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

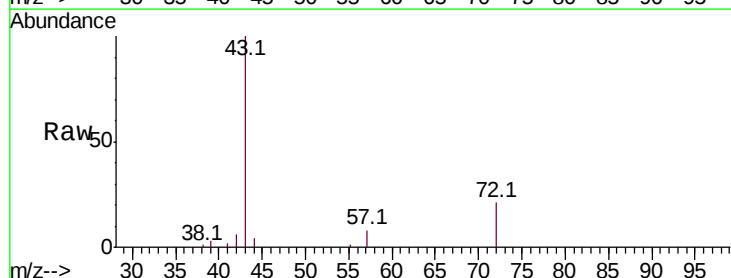
Tgt Ion: 43 Resp: 23370

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.0 7.4 11.0#

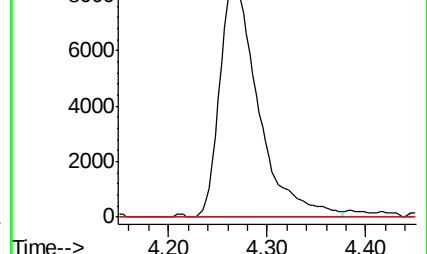
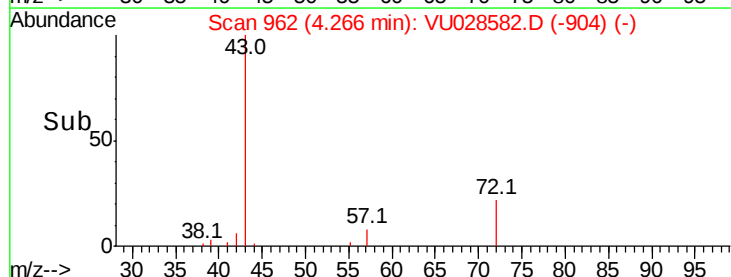


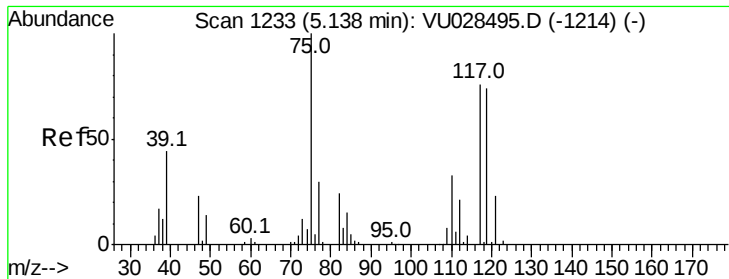
Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-982) (-)

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

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

Time-->





#38

Carbon Tetrachloride

Concen: 6.359 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

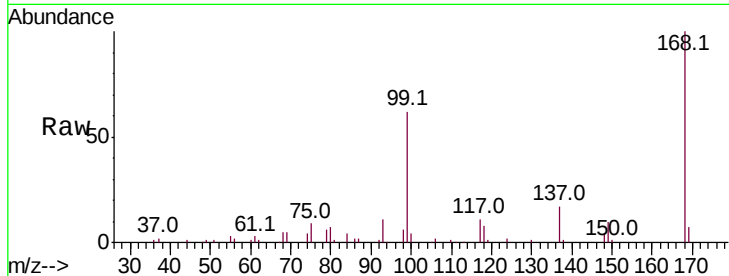
Tot Ion:117 Resp: 8307

Ion Ratio Lower Upper

117 100

119 4.6 77.6 116.4#

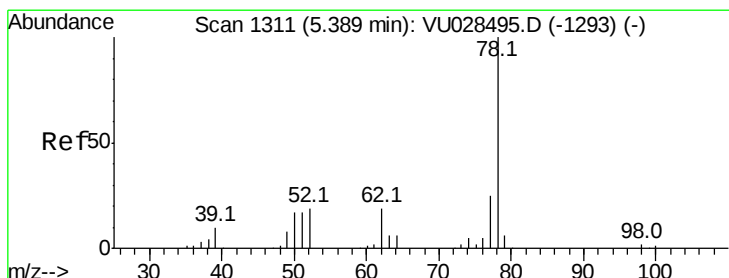
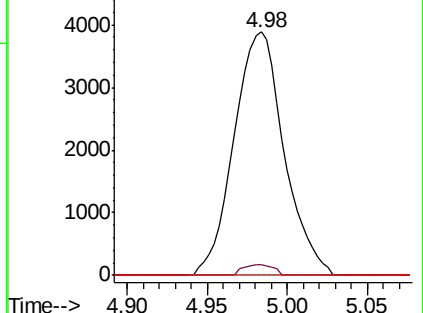
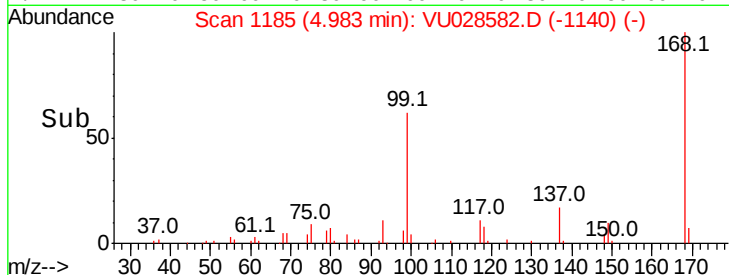
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 1.726 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028582.D

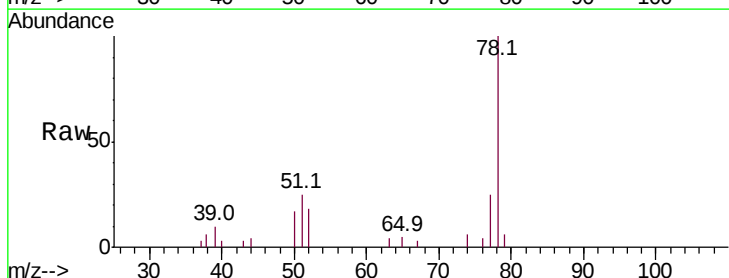
Acq: 11 Dec 2018 04:28

Tgt Ion: 78 Resp: 8239

Ion Ratio Lower Upper

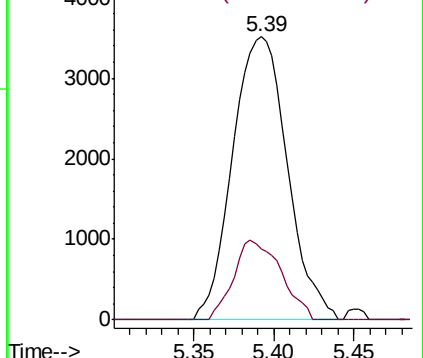
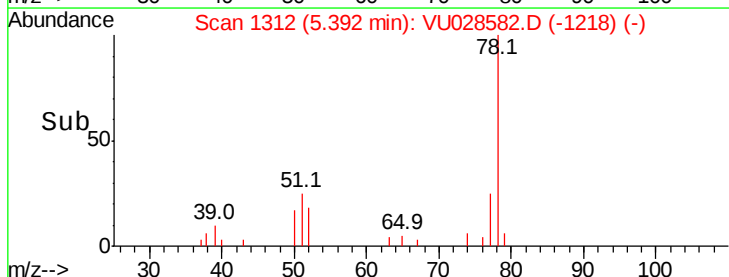
78 100

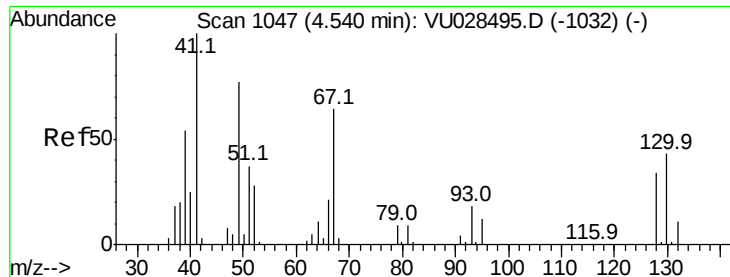
77 25.2 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

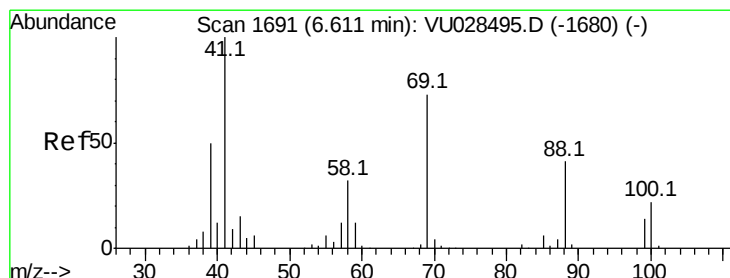
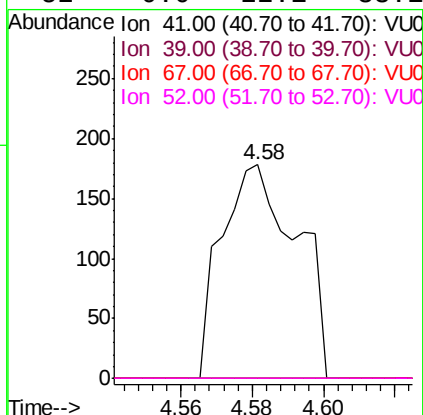
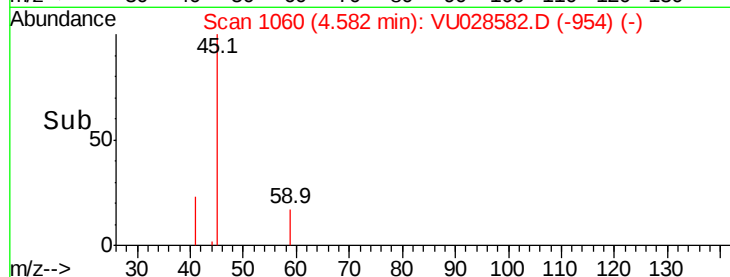
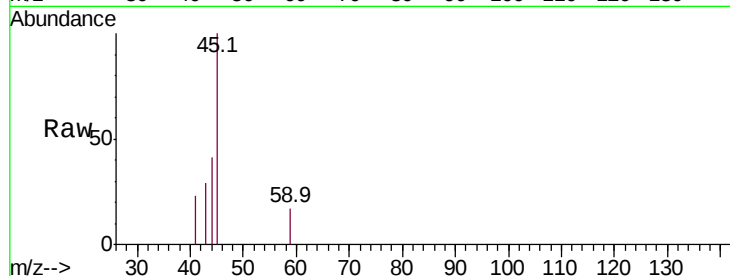




#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 4.58 min Scan# 1060
Delta R.T. 0.04 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

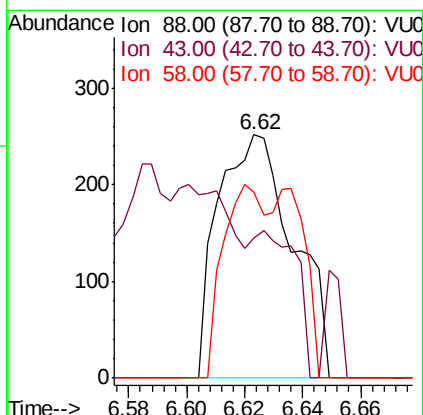
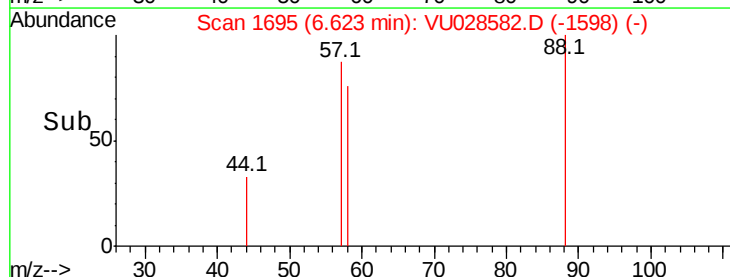
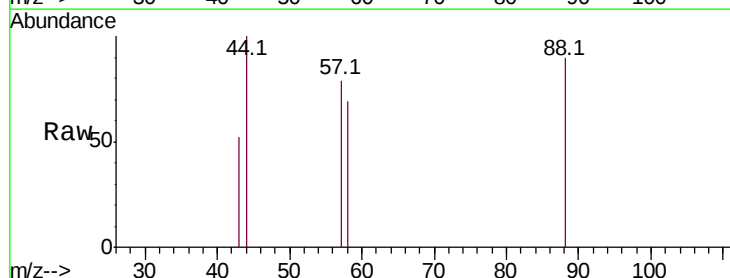
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

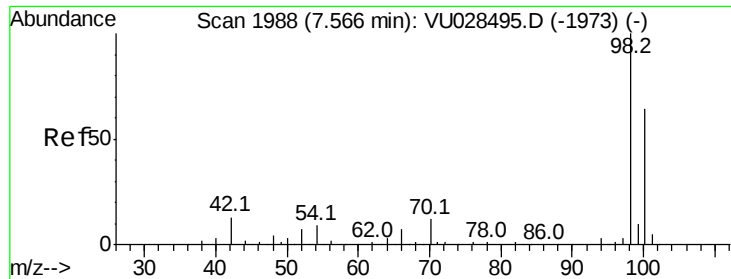
Tot Ion: 41 Resp: 260
Ion Ratio Lower Upper
41 100
39 0.0 43.3 64.9#
67 0.0 53.6 80.4#
52 0.0 22.1 33.1#



#49
1,4-Dioxane
Concen: 17.447 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 88 Resp: 454
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 42.7 62.4 93.6#





#50

Toluene-d8

Concen: 51.627 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

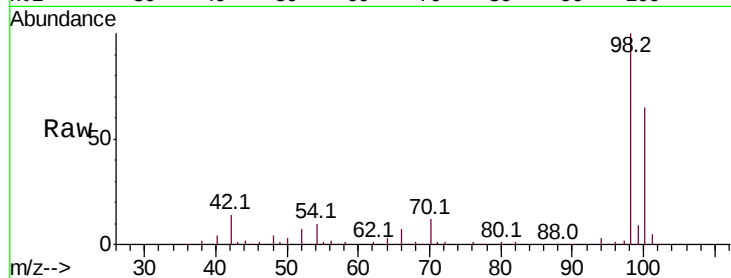
P001-SW004-02

Tot Ion: 98 Resp: 190352

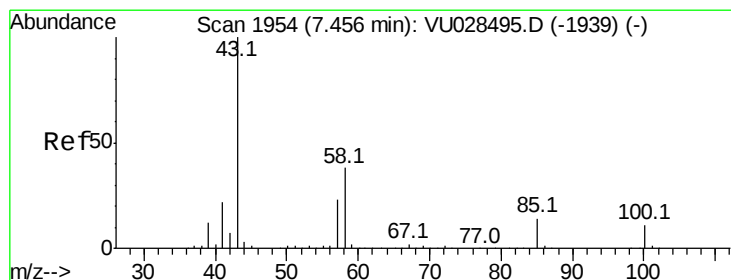
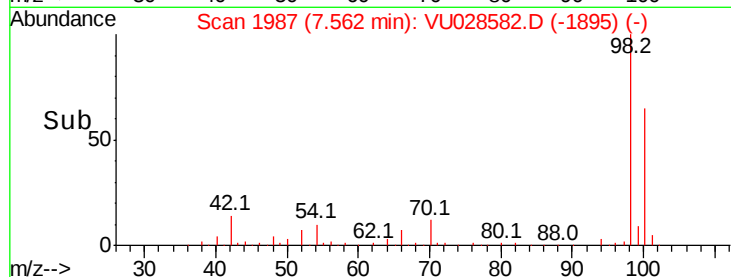
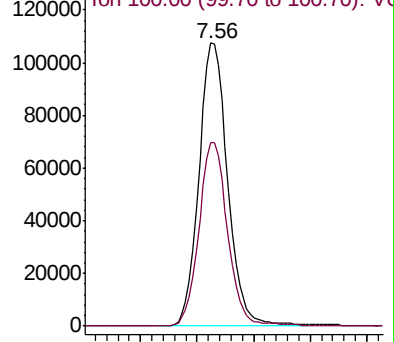
Ion Ratio Lower Upper

98 100

100 64.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)



#51

4-Methyl-2-Pentanone

Concen: 2.249 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028582.D

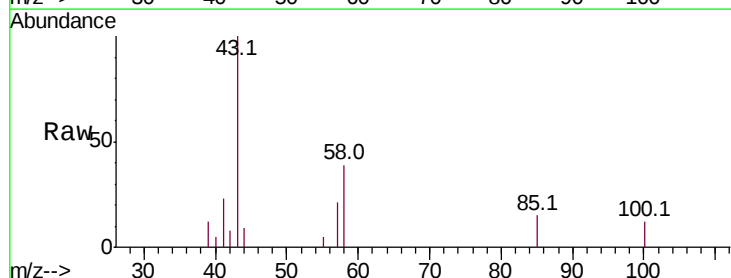
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 4701

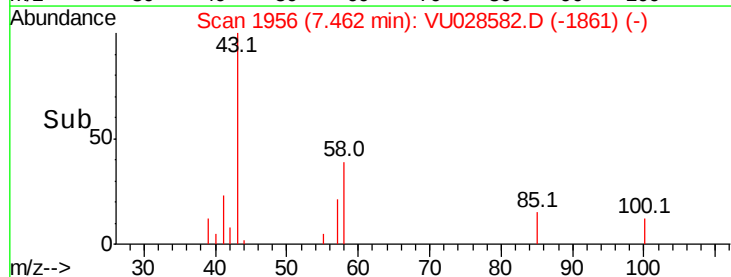
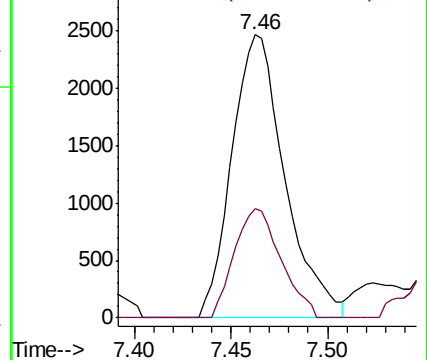
Ion Ratio Lower Upper

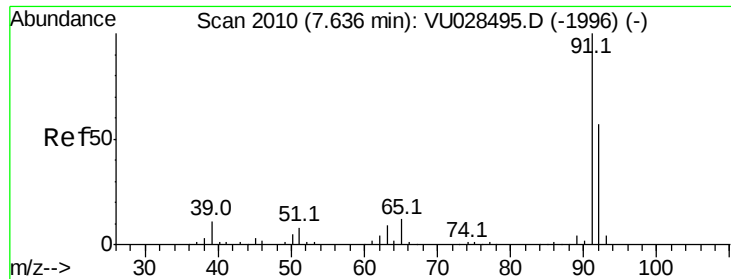
43 100

58 33.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)





#52

Toluene

Concen: 1.044 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

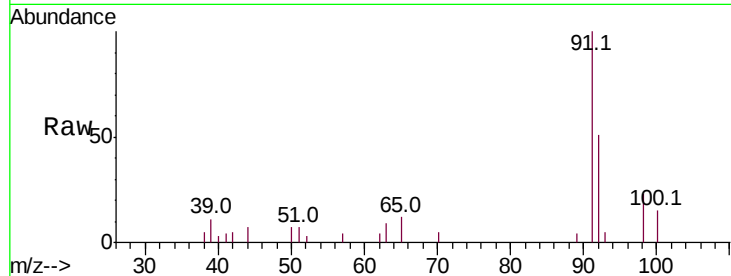
P001-SW004-02

Tot Ion: 92 Resp: 2932

Ion Ratio Lower Upper

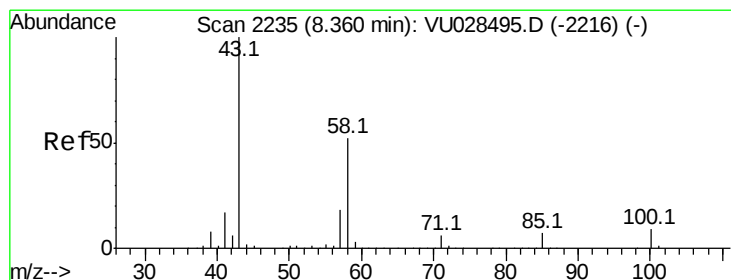
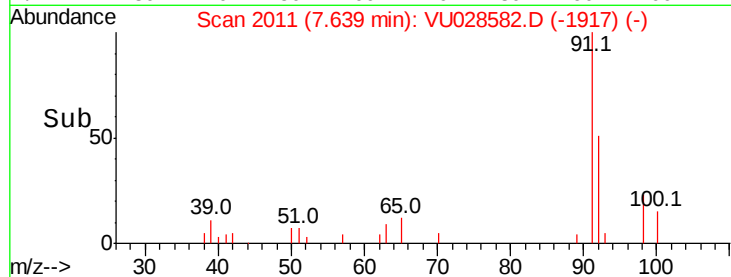
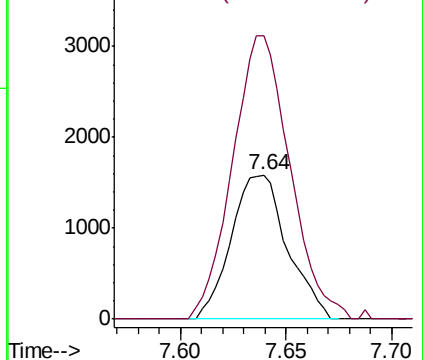
92 100

91 201.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 0.573 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. 0.02 min

Lab File: VU028582.D

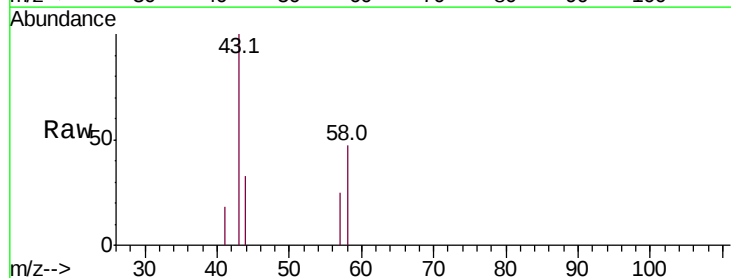
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

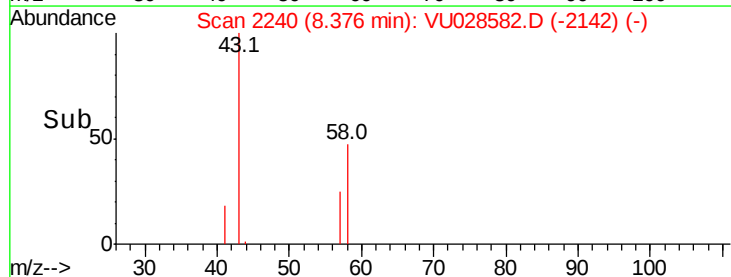
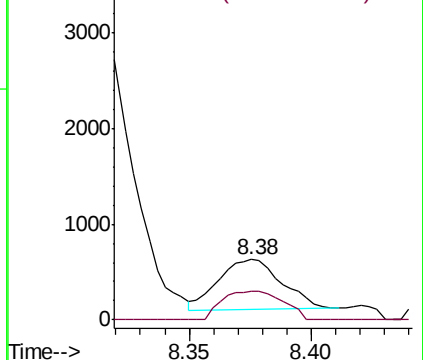
43 100

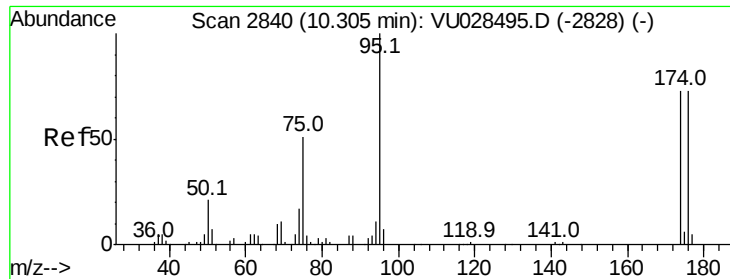
58 54.9 25.9 77.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.962 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

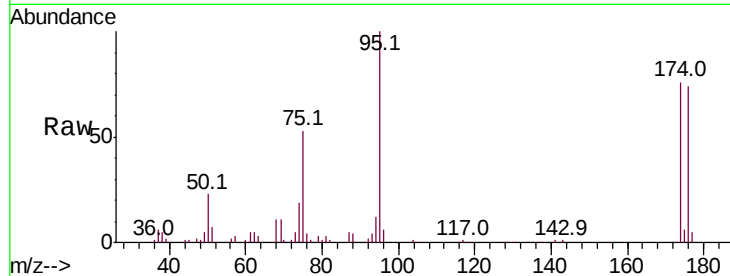
Tot Ion: 95 Resp: 64718

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

176 73.0 0.0 145.2

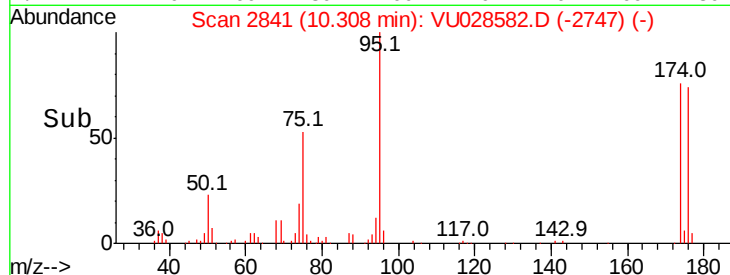


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

Time-->

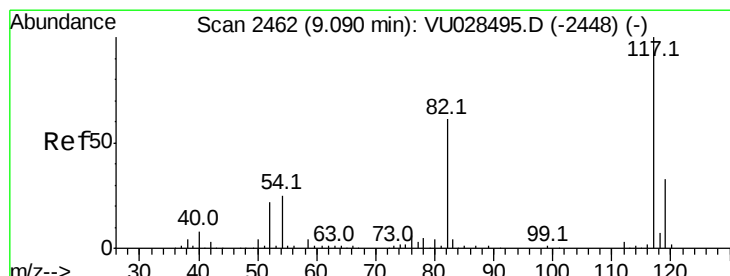


Abundance Ion 94.90 (94.60 to 95.60): VU028582.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028582.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028582.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

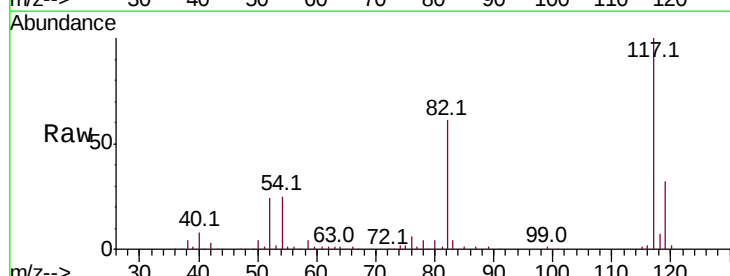
Tgt Ion: 117 Resp: 134265

Ion Ratio Lower Upper

117 100

82 60.5 48.9 73.3

119 32.2 26.2 39.4

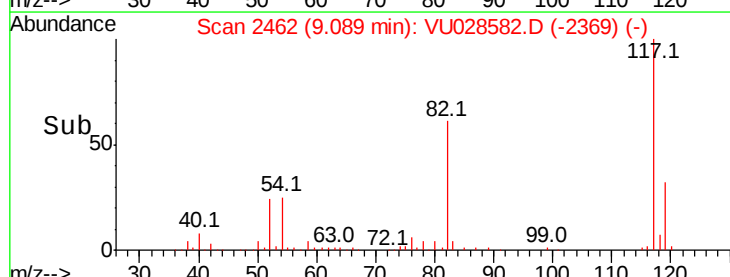


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

Time-->

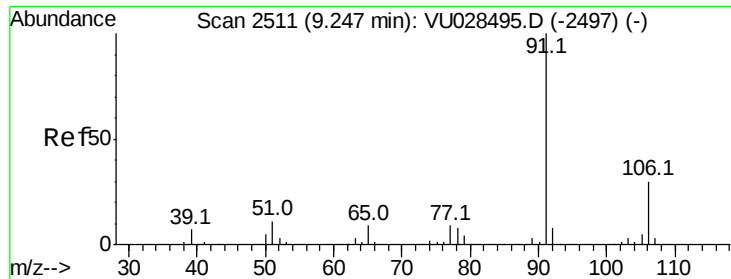


Abundance Ion 116.90 (116.60 to 117.60): VU028582.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028582.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028582.D (-2369) (-)

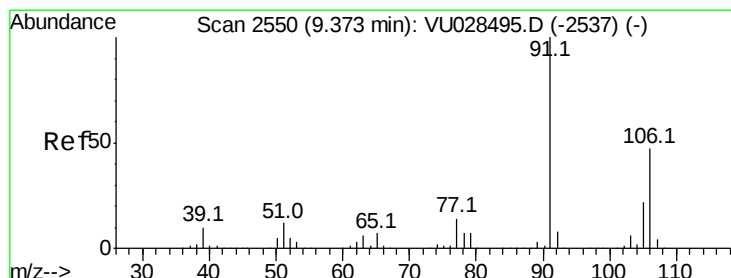
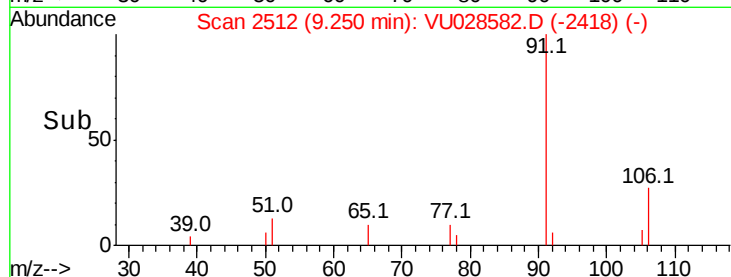
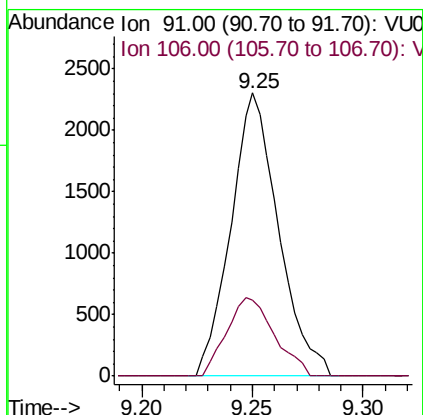
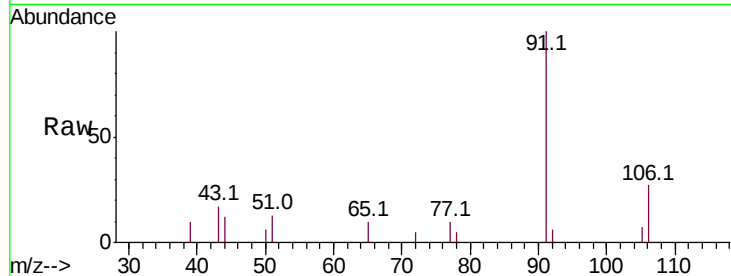
Time-->



#67
Ethyl Benzene
Concen: 0.657 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

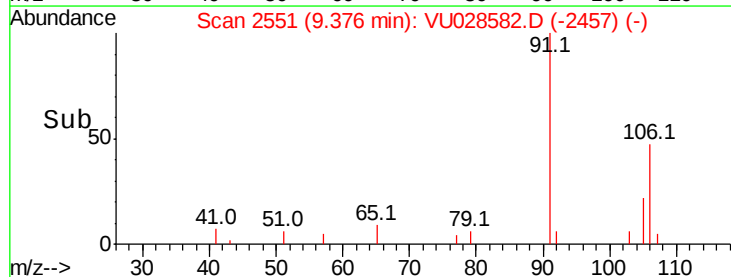
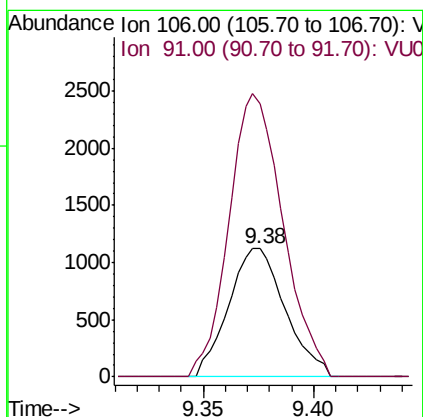
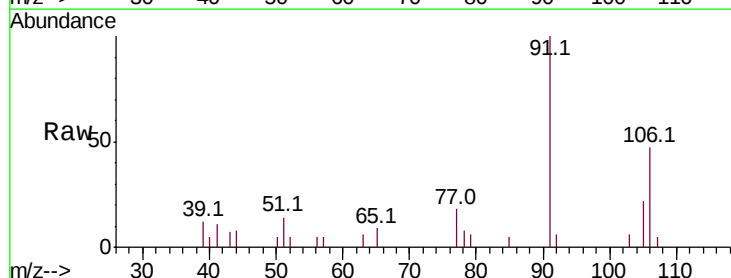
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

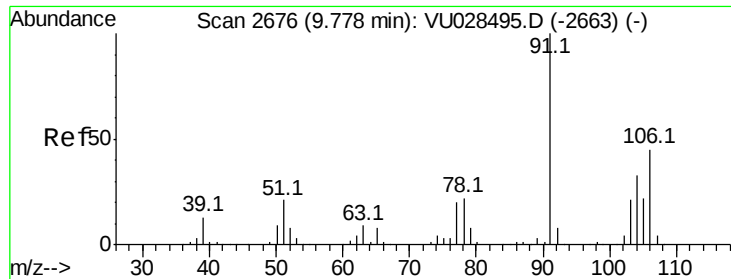
Tot Ion: 91 Resp: 3457
Ion Ratio Lower Upper
91 100
106 27.0 24.1 36.1



#68
m/p-Xylenes
Concen: 1.048 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 106 Resp: 2005
Ion Ratio Lower Upper
106 100
91 209.8 167.4 251.0

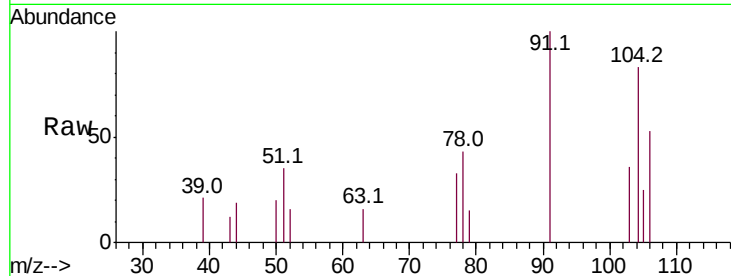




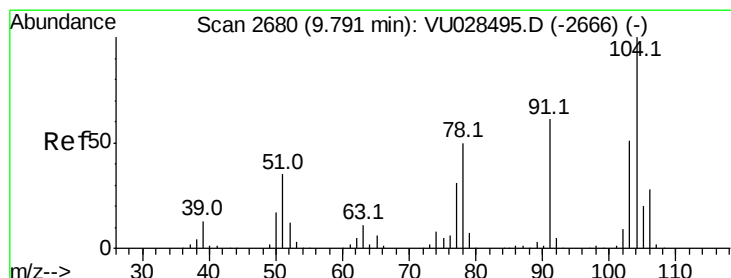
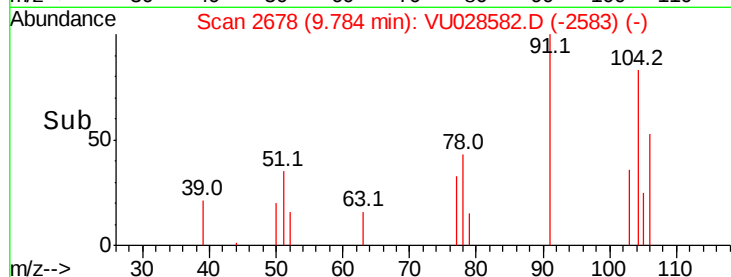
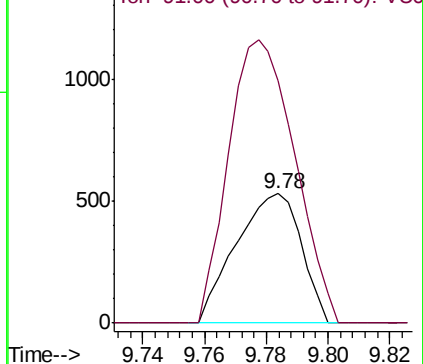
#69
o-Xylene
Concen: 0.419 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tot Ion:106 Resp: 779
Ion Ratio Lower Upper
106 100
91 221.4 111.3 334.0

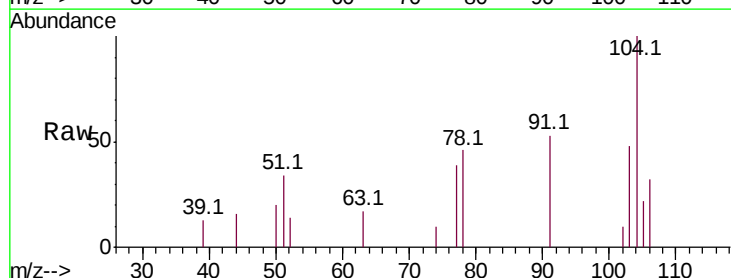


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

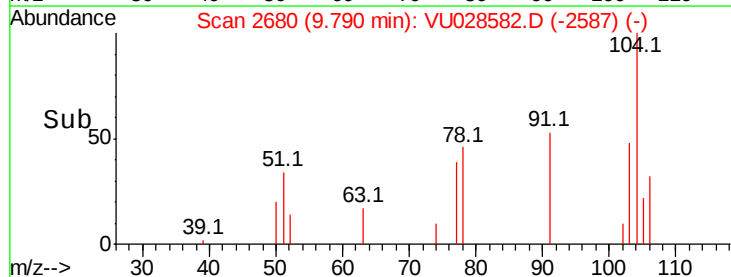
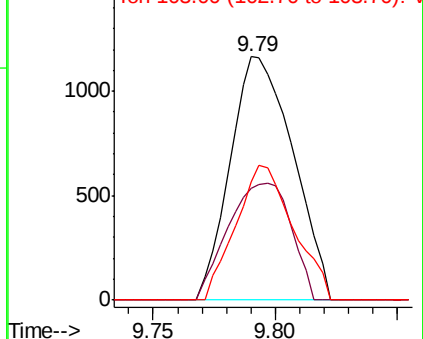


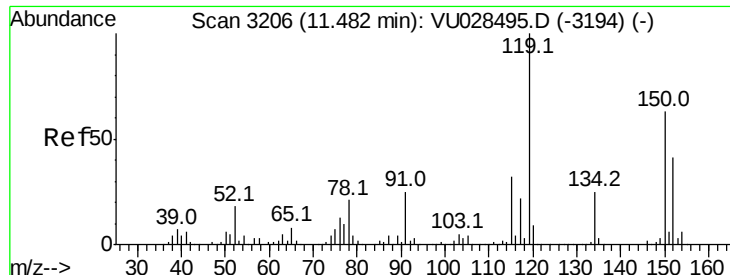
#70
Styrene
Concen: 0.677 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:104 Resp: 2085
Ion Ratio Lower Upper
104 100
78 48.3 43.0 64.6
103 50.4 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: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

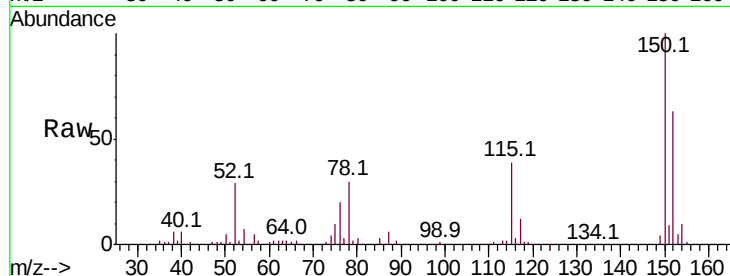
Tot Ion:152 Resp: 54870

Ion Ratio Lower Upper

152 100

115 62.2 42.7 128.1

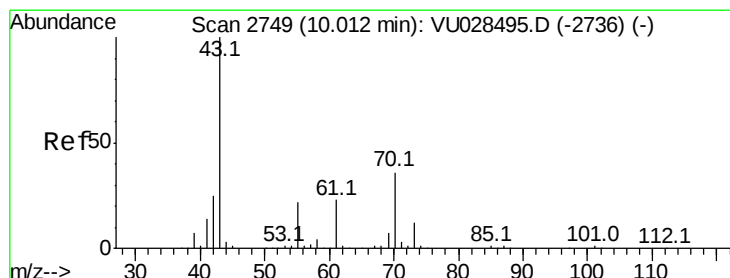
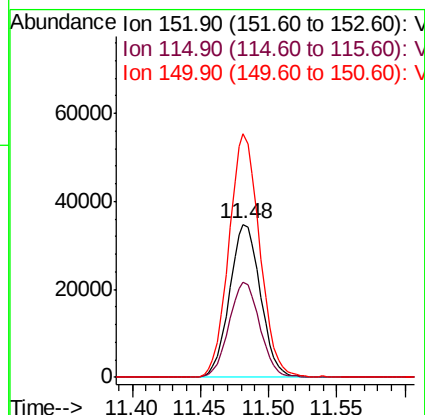
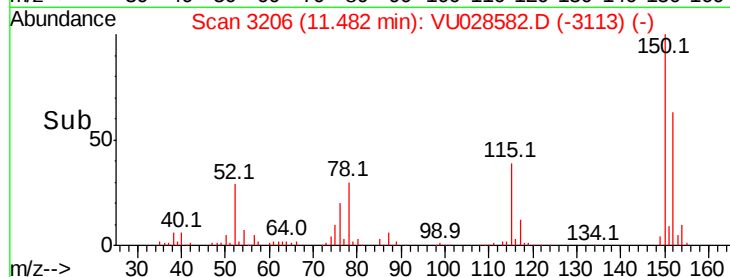
150 157.6 0.0 346.0



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: 0.212 ug/l

RT: 10.08 min Scan# 2769

Delta R.T. 0.06 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 514

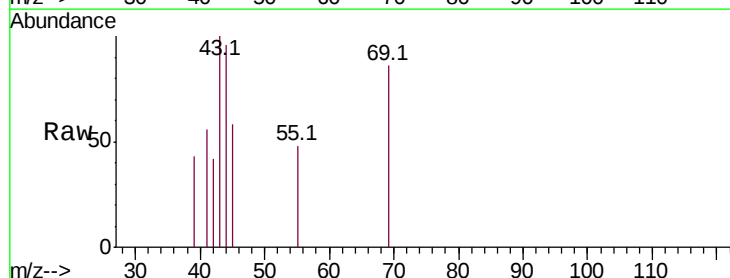
Ion Ratio Lower Upper

43 100

70 0.0 29.3 43.9#

55 18.1 18.0 27.0

61 0.0 18.3 27.5#

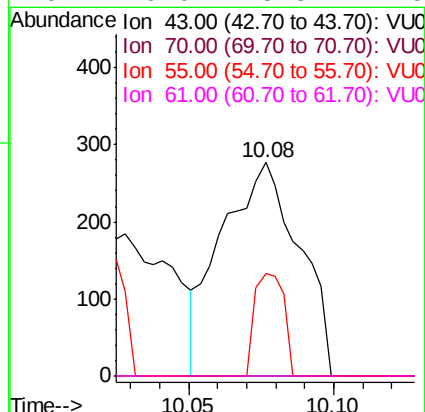
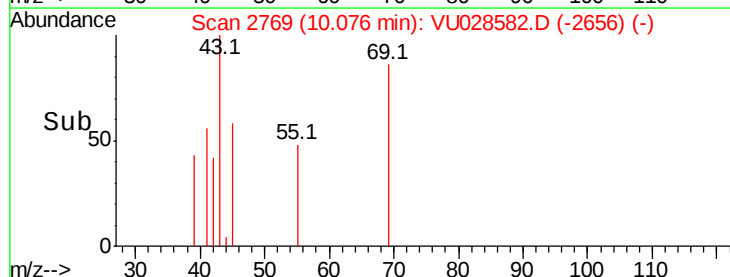


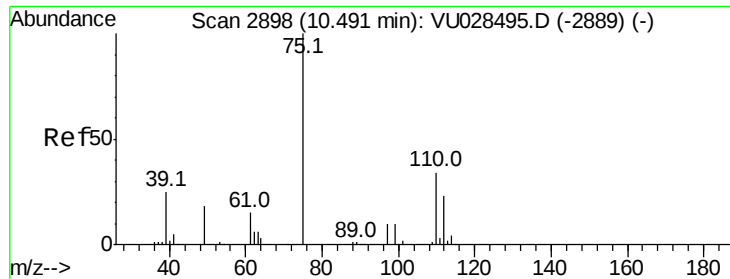
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

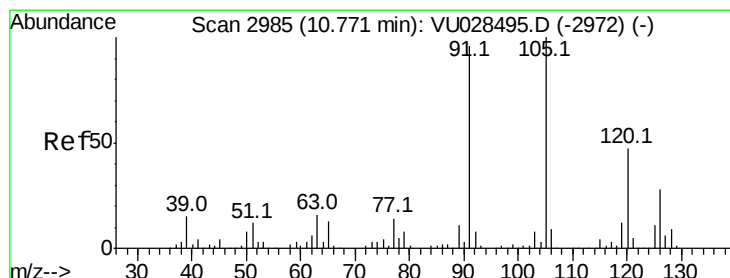
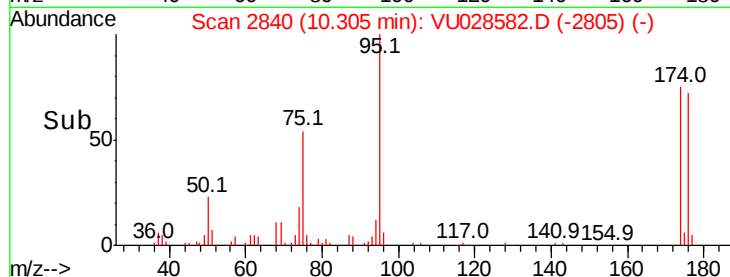
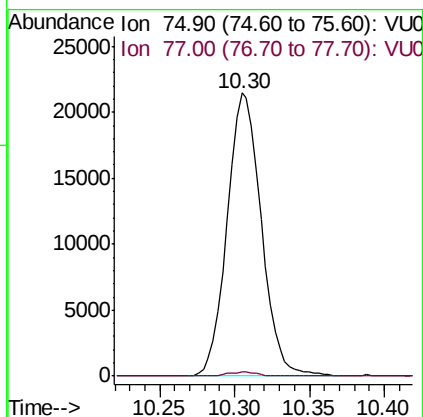
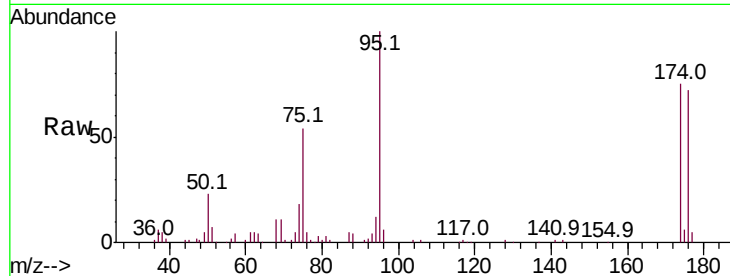




#76
 1,2,3-Trichloropropane
 Concen: 24.353 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

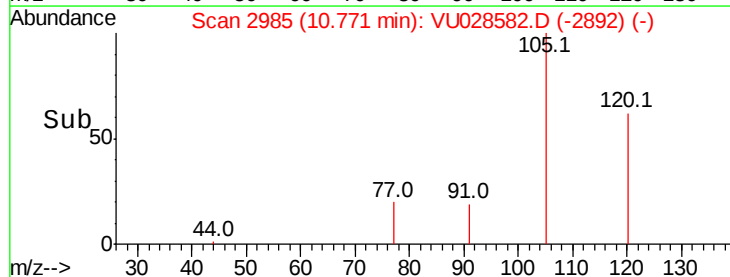
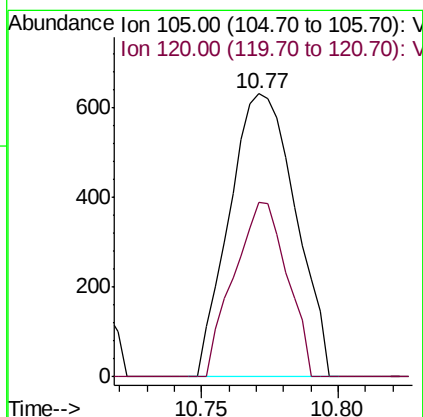
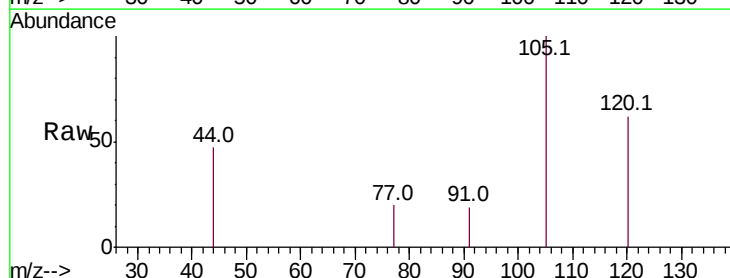
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

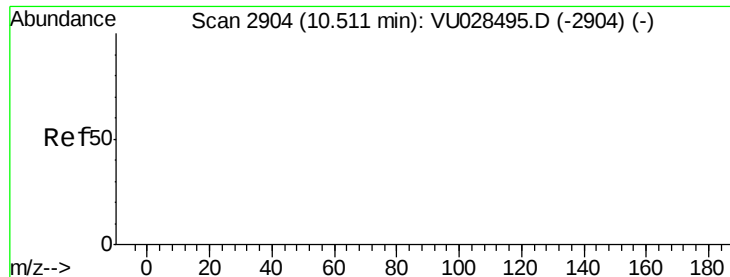
Tot Ion: 75 Resp: 34122
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.8 62.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.305 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Tgt Ion: 105 Resp: 1062
 Ion Ratio Lower Upper
 105 100
 120 49.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 59.774 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028582.D

Acq: 11 Dec 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

P001-SW004-02

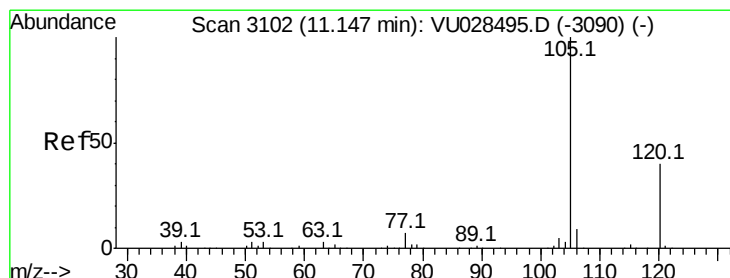
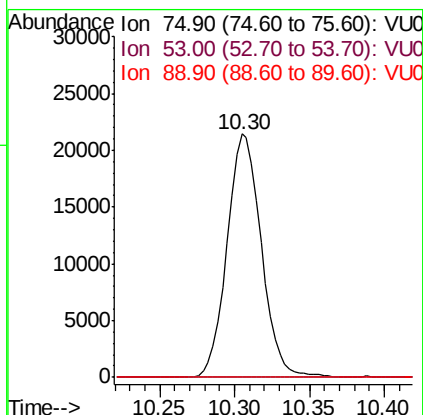
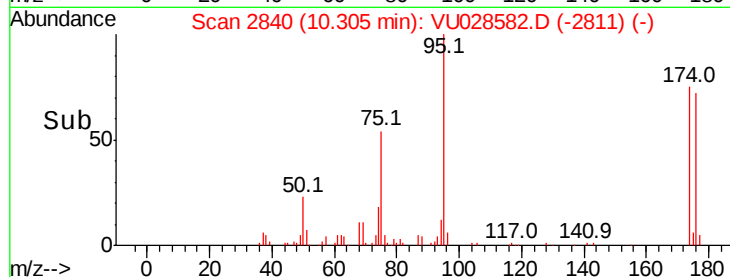
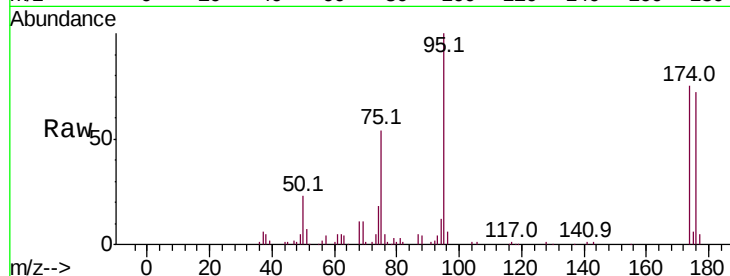
Tot Ion: 75 Resp: 34122

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#84

1,2,4-Trimethylbenzene

Concen: 0.692 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU028582.D

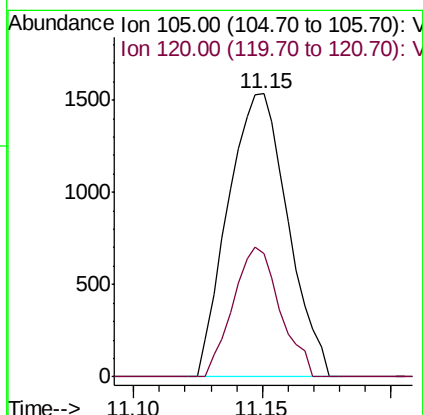
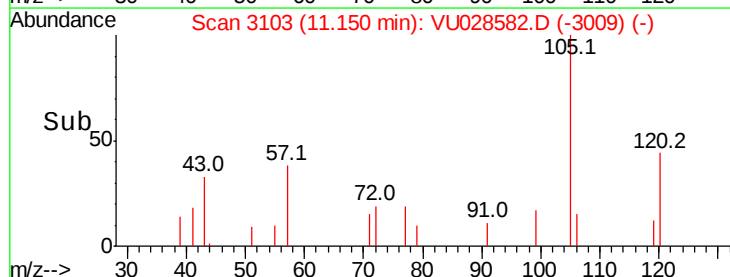
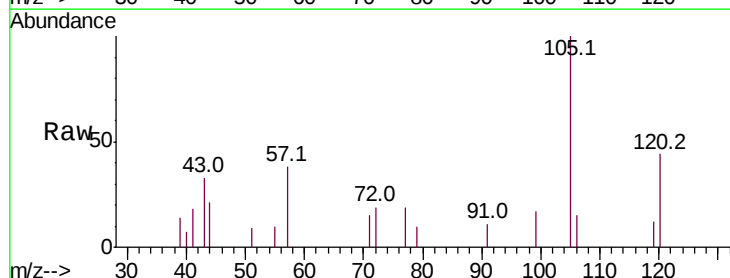
Acq: 11 Dec 2018 04:28

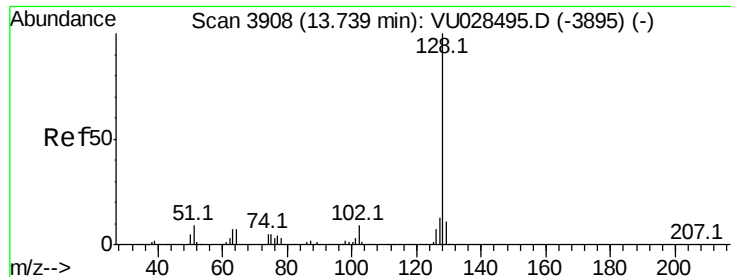
Tgt Ion: 105 Resp: 2485

Ion Ratio Lower Upper

105 100

120 36.1 21.8 65.4





#95
 Naphthalene
 Concen: 0.959 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU028582.D
 Acq: 11 Dec 2018 04:28

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	8.9	8.6	13.0

