

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029112.D
 Acq On : 10 Jan 2019 12:39
 Operator : MD/SY
 Sample : K1094-01DL 100X
 Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1DL

Quant Time: Jan 11 02:45:44 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

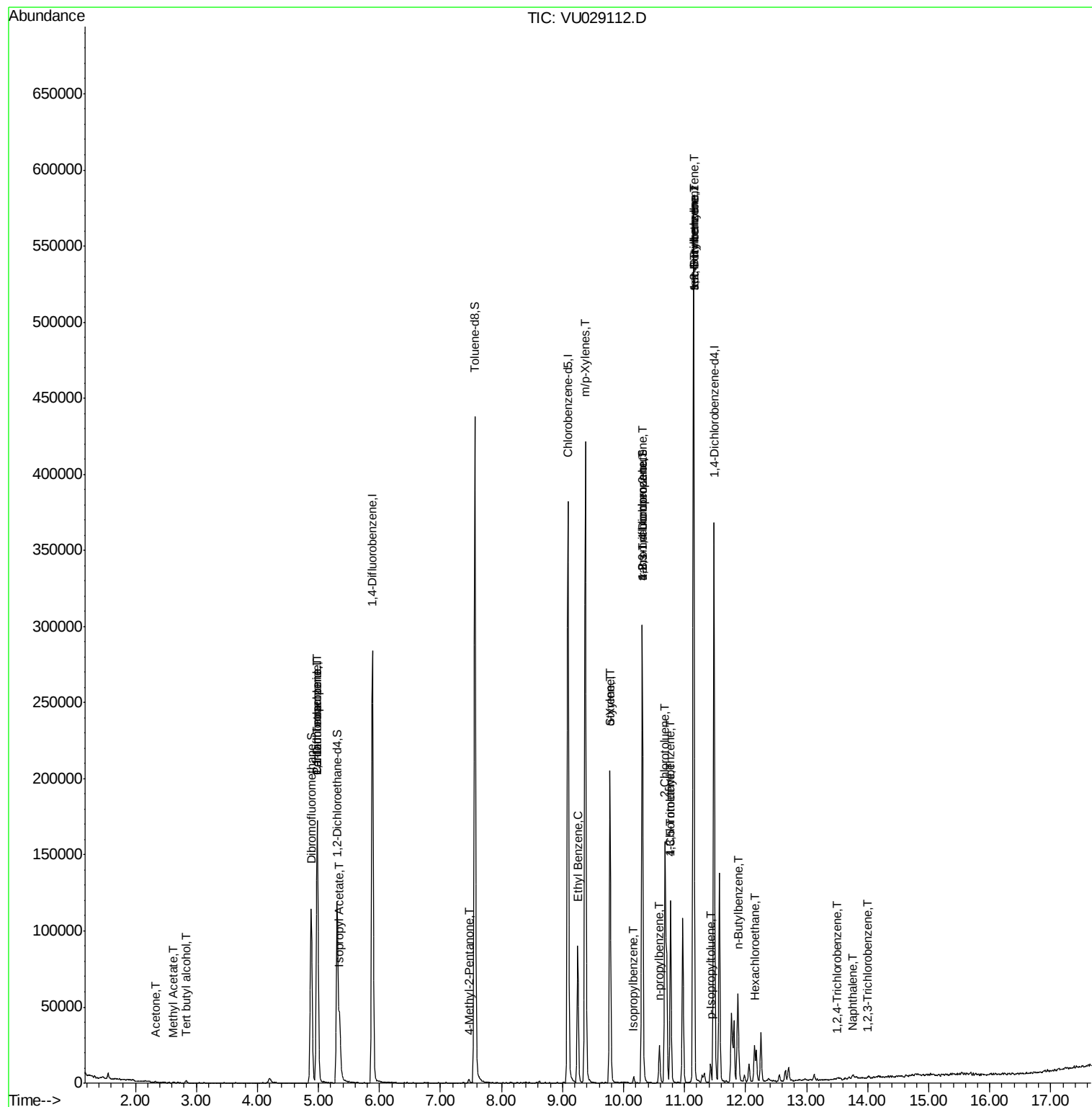
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	142073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	248227	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	227149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	99010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91453	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	4.88	113	80698	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	7.56	98	311423	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	10.30	95	103083	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	900	Below Cal		96
5) Bromomethane	1.62	94	46	Below Cal	#	2
11) Tert butyl alcohol	2.83	59	1005	2.251	ug/l #	73
16) Acetone	2.33	43	746	0.674	ug/l	88
17) Carbon Disulfide	2.48	76	721	Below Cal	#	75
18) Methyl Acetate	2.63	43	784	0.305	ug/l #	51
31) Cyclohexane	4.98	56	2379	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	10426	4.202	ug/l #	46
38) Carbon Tetrachloride	4.98	117	13044	6.303	ug/l #	17
43) Isopropyl Acetate	5.35	43	29471	7.054	ug/l #	58
51) 4-Methyl-2-Pentanone	7.47	43	1932	0.680	ug/l #	80
67) Ethyl Benzene	9.25	91	66316	7.801	ug/l	100
68) m/p-Xylenes	9.37	106	124296	37.632	ug/l	100
69) o-Xylene	9.78	106	57570	18.089	ug/l	99
70) Styrene	9.78	104	3232	0.619	ug/l #	1
73) Isopropylbenzene	10.16	105	3206	0.437	ug/l	98
76) 1,2,3-Trichloropropane	10.30	75	48508	19.996	ug/l #	36
78) n-propylbenzene	10.59	91	20663	2.393	ug/l	99
79) 2-Chlorotoluene	10.68	91	17679	3.375	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.77	105	67893	11.094	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.30	75	48508	51.570	ug/l #	100
82) 4-Chlorotoluene	10.77	91	7259	1.208	ug/l #	46
83) tert-Butylbenzene	11.14	119	39686	6.579	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.15	105	321560	52.628	ug/l	99
85) sec-Butylbenzene	11.15	105	321560	44.080	ug/l #	57
86) p-Isopropyltoluene	11.43	119	7090	1.141	ug/l	97
89) n-Butylbenzene	11.88	91	10050	1.811	ug/l #	18
90) Hexachloroethane	12.14	117	1489	1.424	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	501	0.222	ug/l	83
95) Naphthalene	13.76	128	3634	0.474	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.00	180	718	1.080	ug/l	93

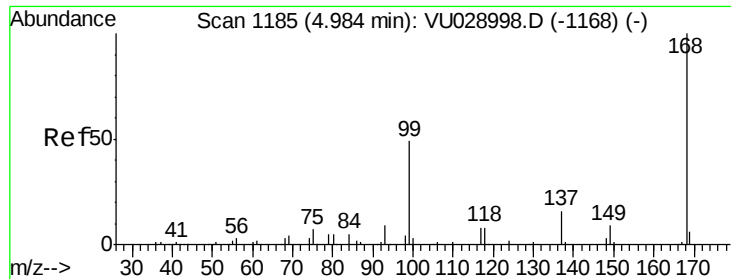
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
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: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

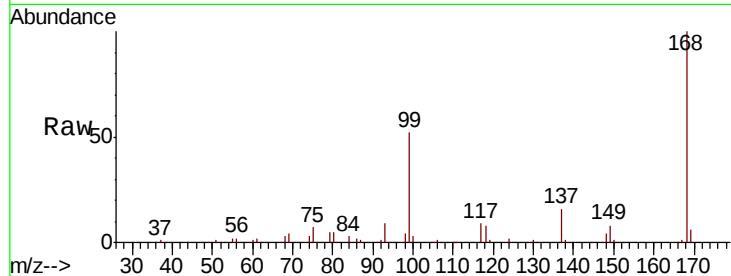
CROSSWICKS-DRUM-1DL

Tgt Ion:168 Resp: 142073

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

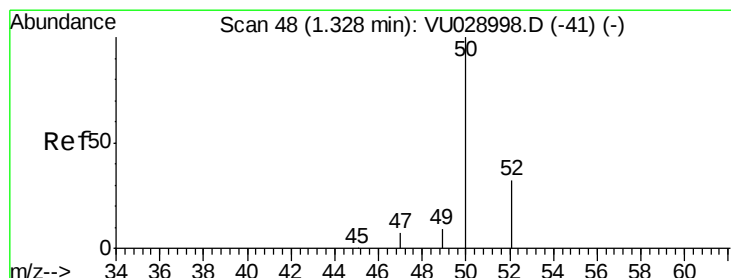
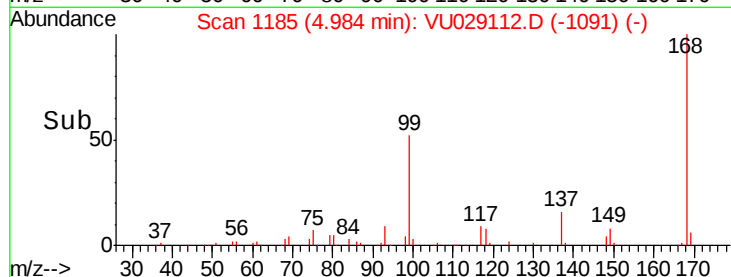
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029112.D

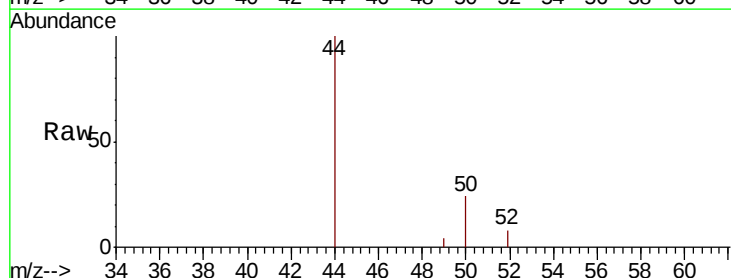
Acq: 10 Jan 2019 12:39

Tgt Ion: 50 Resp: 900

Ion Ratio Lower Upper

50 100

52 34.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VU028998.D (-41) (-)

1.33

1000

800

600

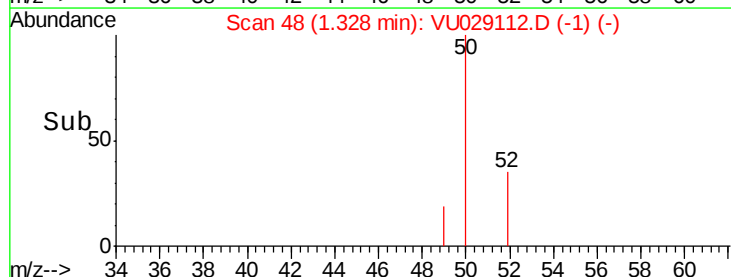
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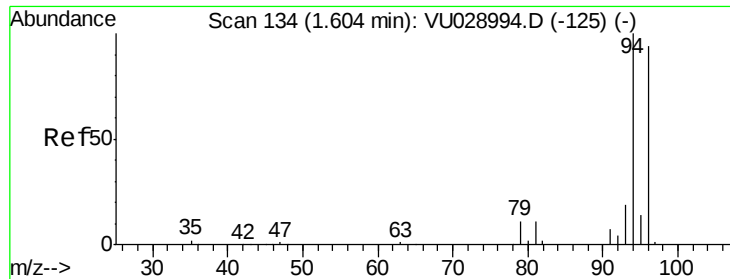
200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

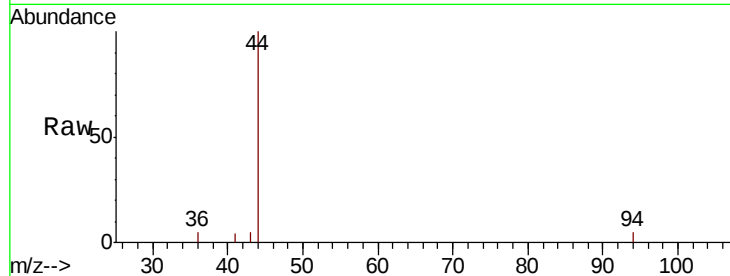
CROSSWICKS-DRUM-1DL

Tgt Ion: 94 Resp: 46

Ion Ratio Lower Upper

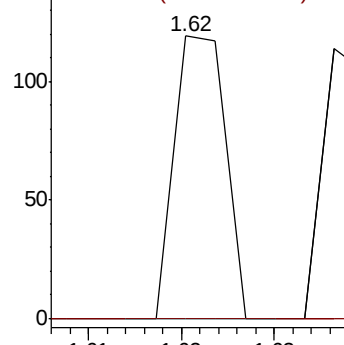
94 100

96 0.0 75.5 113.3#

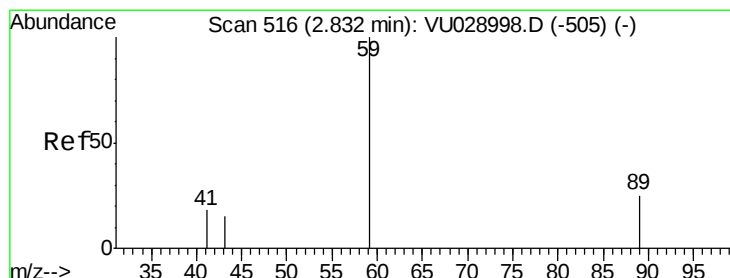
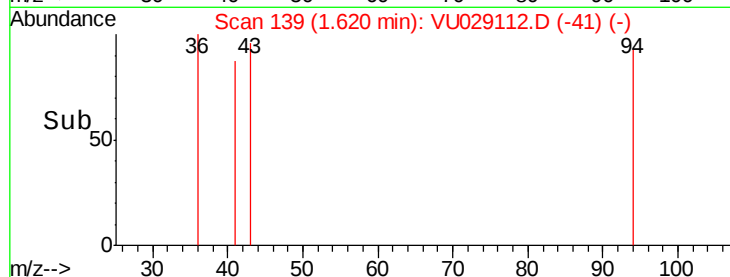


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 2.251 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU029112.D

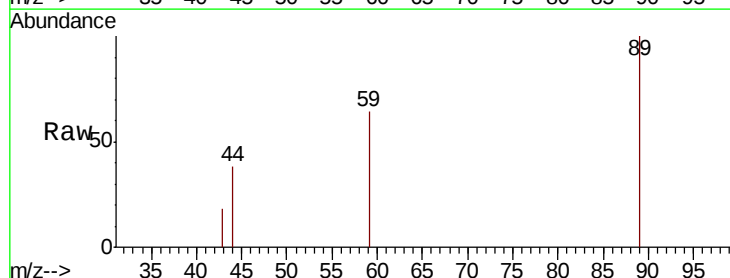
Acq: 10 Jan 2019 12:39

Tgt Ion: 59 Resp: 1005

Ion Ratio Lower Upper

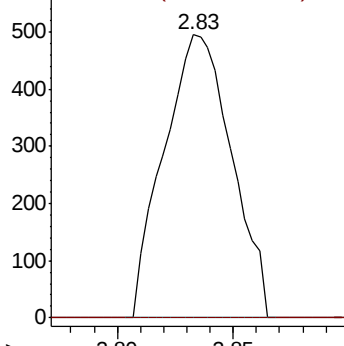
59 100

57 0.0 7.9 11.9#

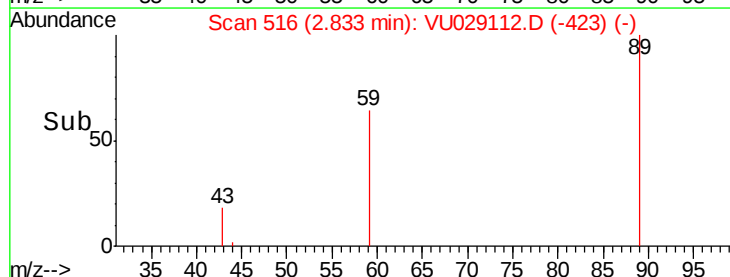


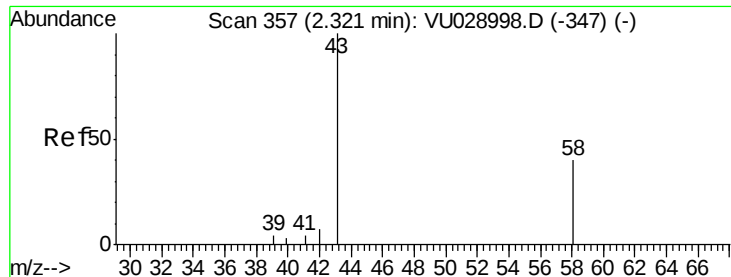
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#16

Acetone

Concen: 0.674 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

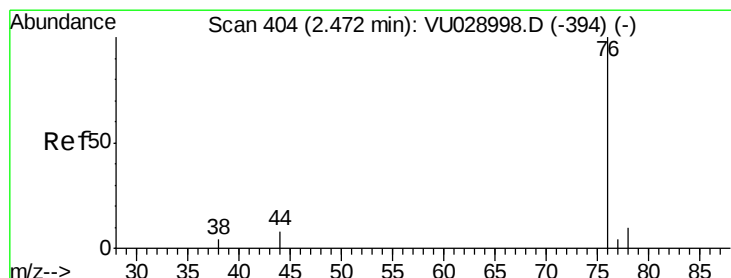
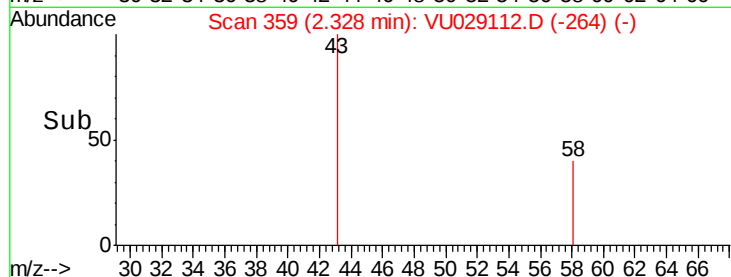
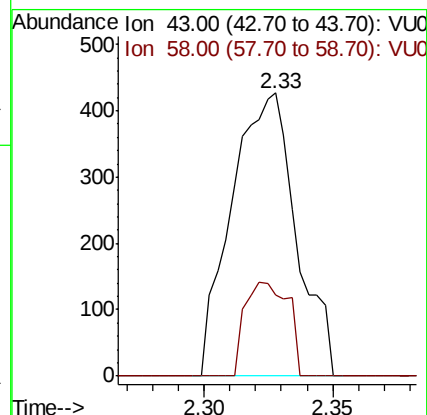
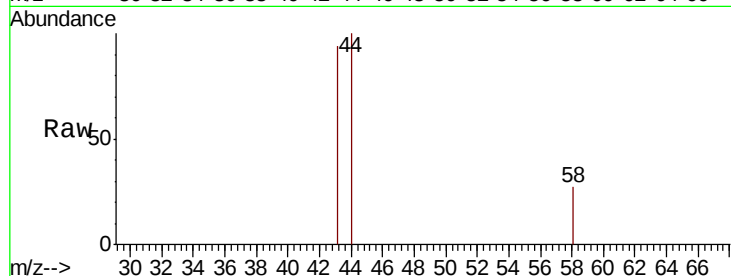
CROSSWICKS-DRUM-1DL

Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

58 28.6 28.6 42.8



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029112.D

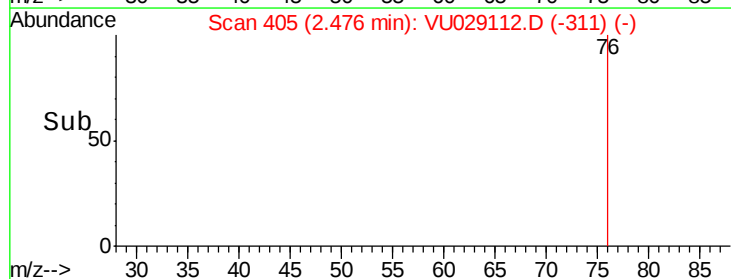
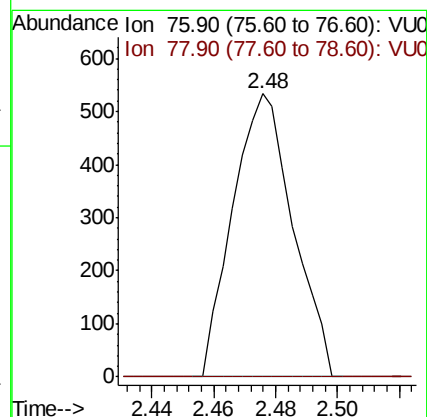
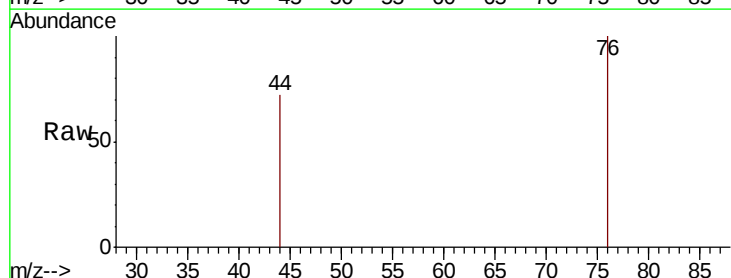
Acq: 10 Jan 2019 12:39

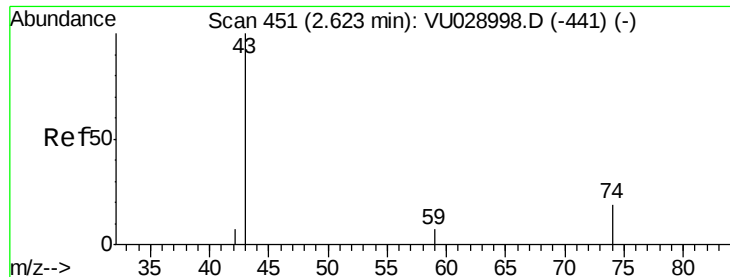
Tgt Ion: 76 Resp: 721

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

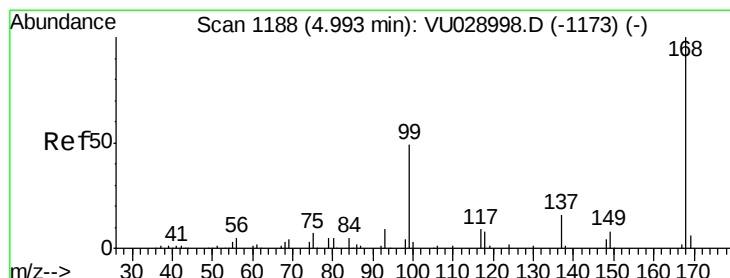
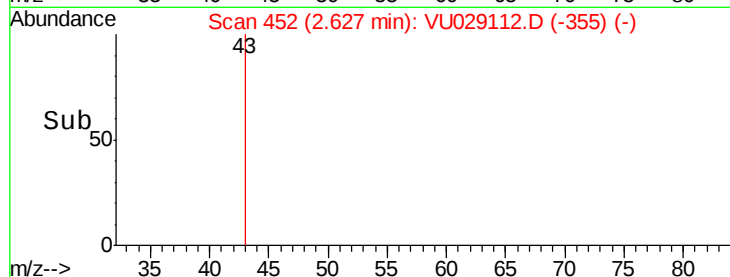
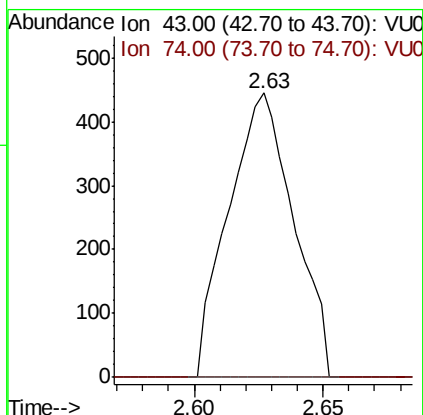
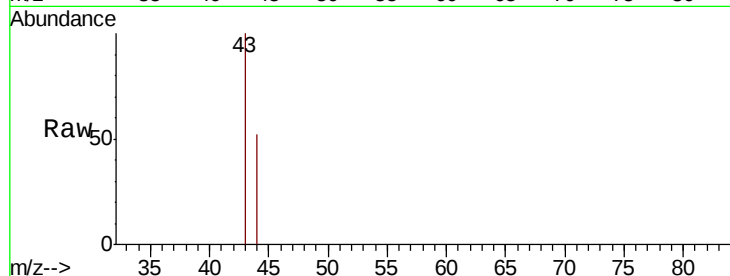




#18
Methyl Acetate
Concen: 0.305 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

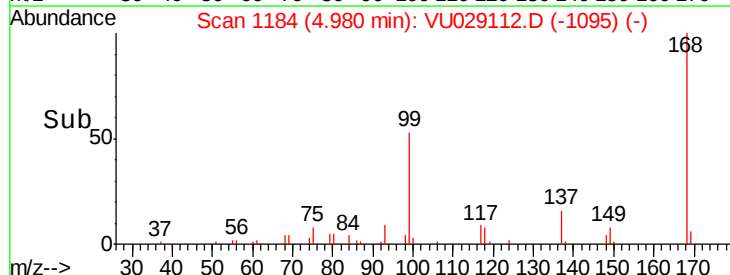
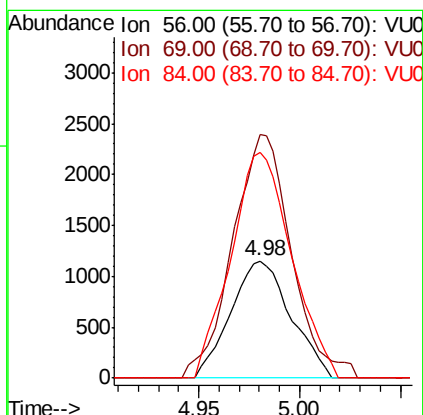
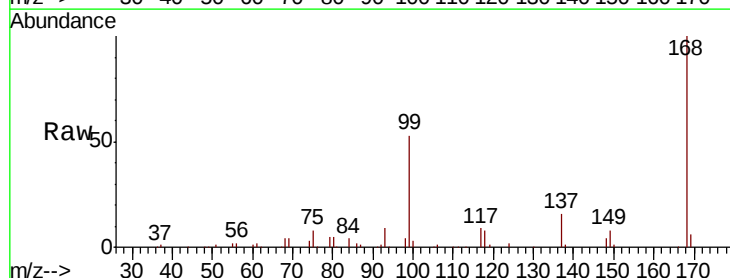
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

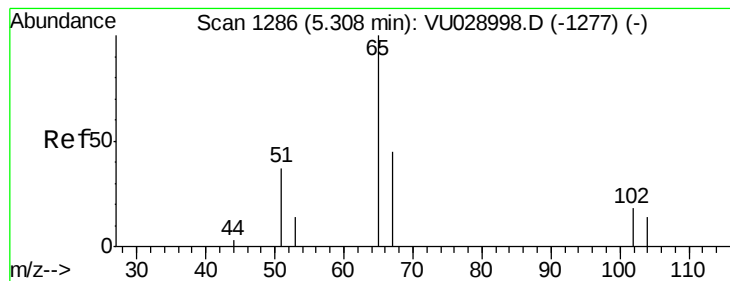
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion: 56 Resp: 2379
Ion Ratio Lower Upper
56 100
69 196.3 26.7 40.1#
84 193.0 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 52.071 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

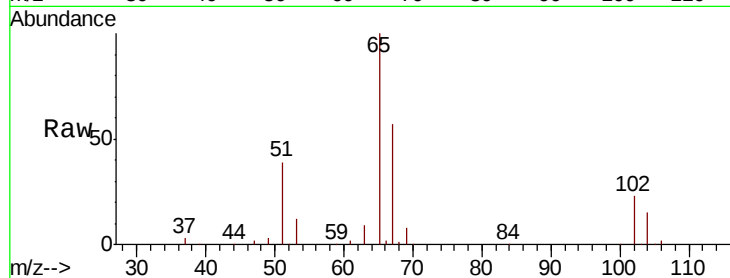
CROSSWICKS-DRUM-1DL

Tgt Ion: 65 Resp: 91453

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

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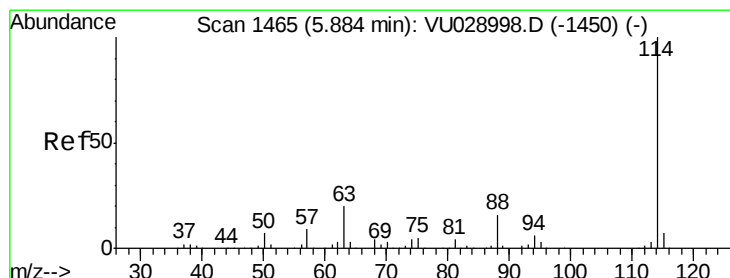
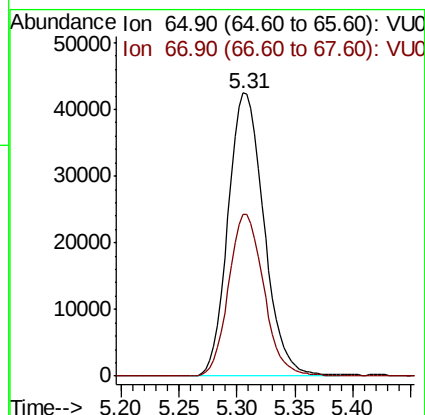
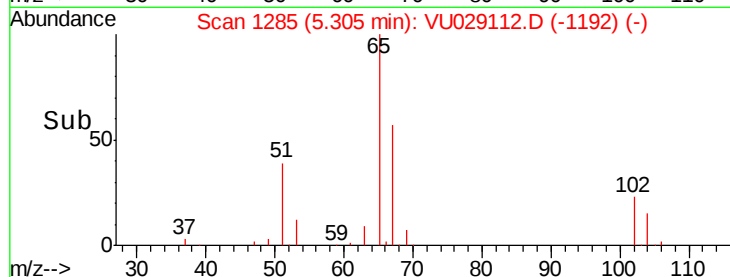
5.31

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

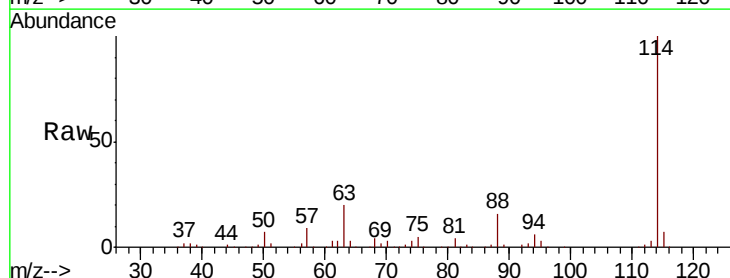
Tgt Ion: 114 Resp: 248227

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VU028998.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028998.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028998.D (-1450) (-)

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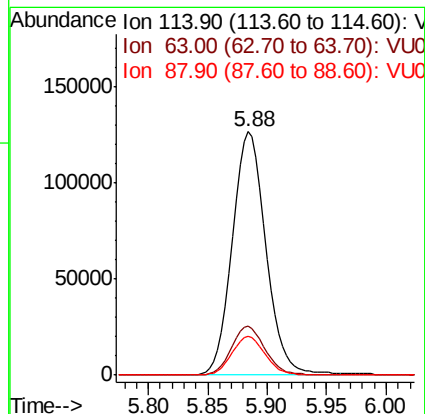
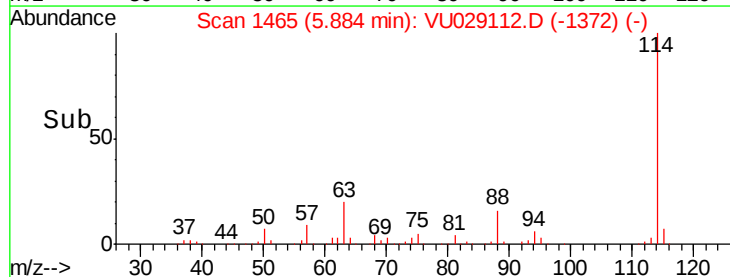
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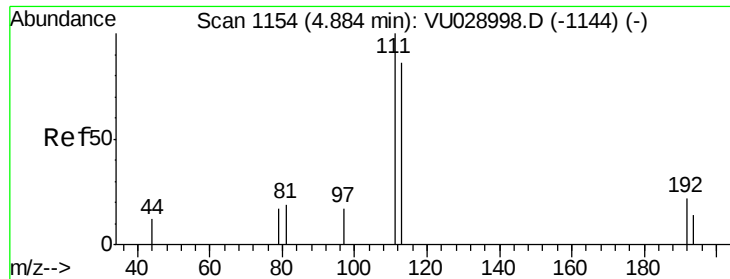
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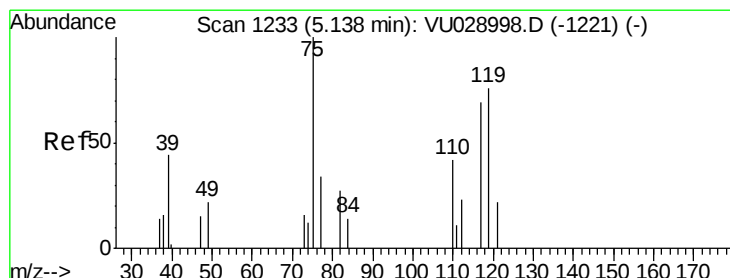
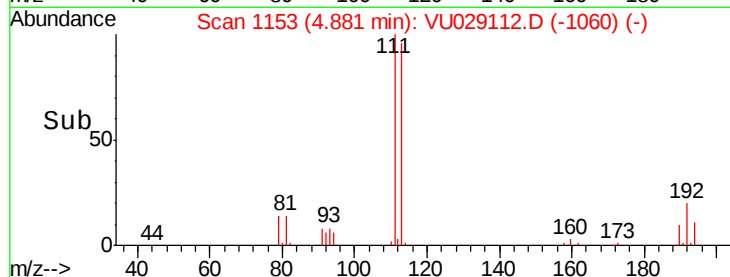
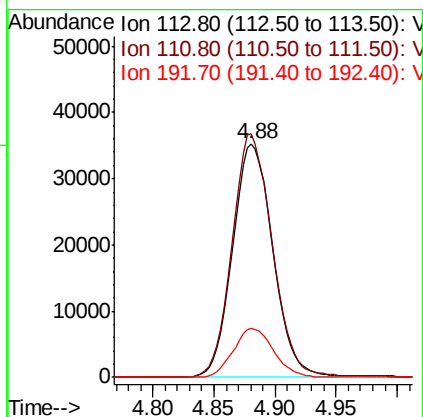
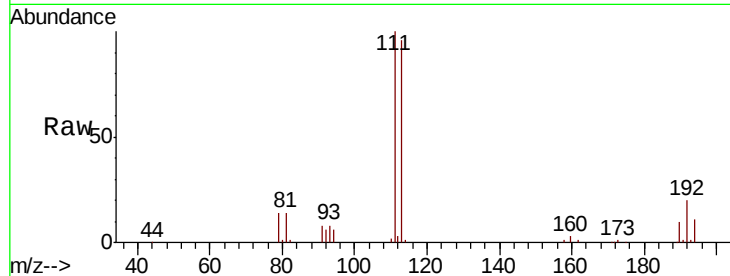




#35
 Dibromofluoromethane
 Concen: 50.152 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

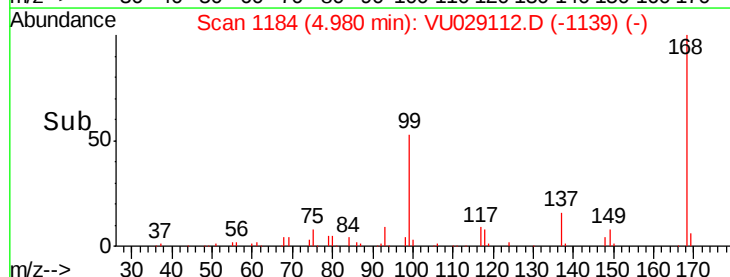
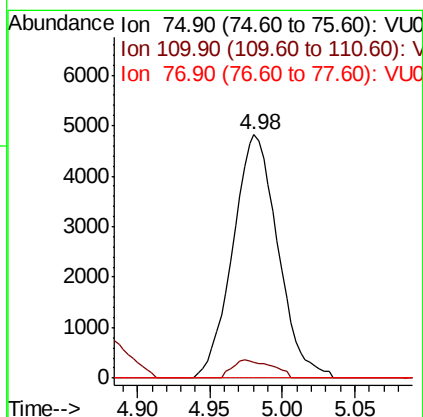
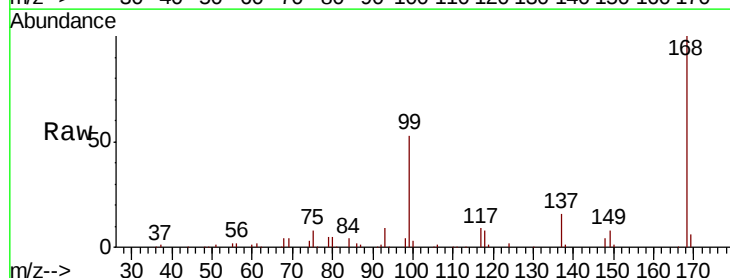
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 CROSSWICKS-DRUM-1DL

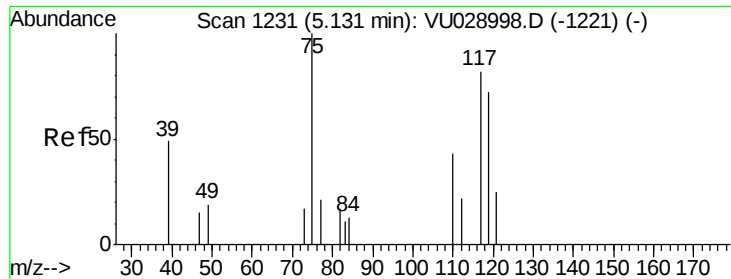
Tgt Ion:113 Resp: 80698
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.4 122.2
 192 21.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.202 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

Tgt Ion: 75 Resp: 10426
 Ion Ratio Lower Upper
 75 100
 110 6.4 18.4 55.4#
 77 0.0 25.1 37.7#

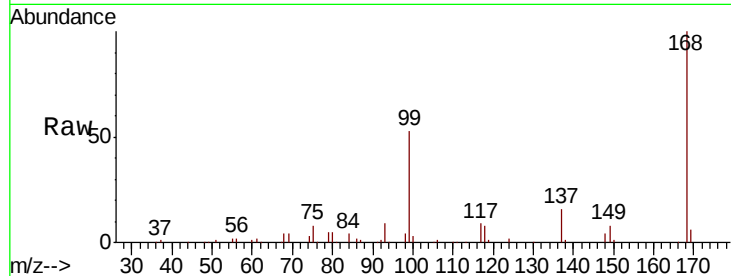




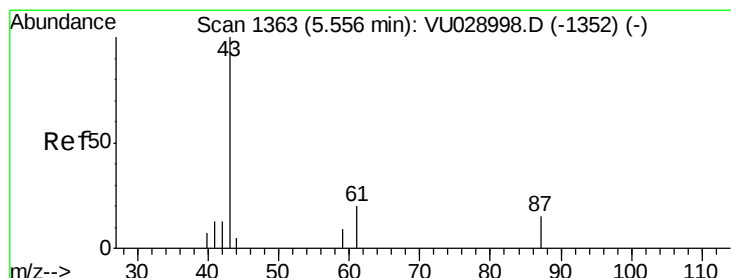
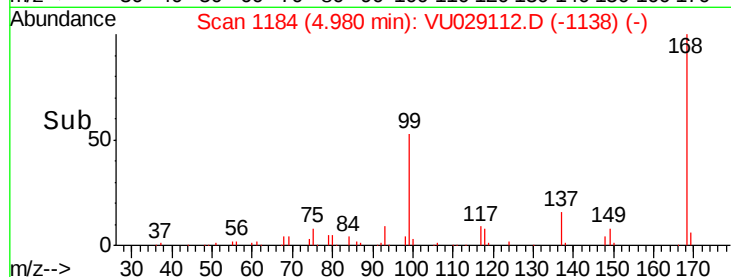
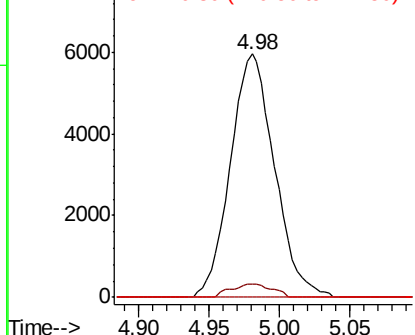
#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

Tgt Ion: 117 Resp: 13044
Ion Ratio Lower Upper
117 100
119 5.4 74.6 111.8#
121 0.0 25.0 37.6#

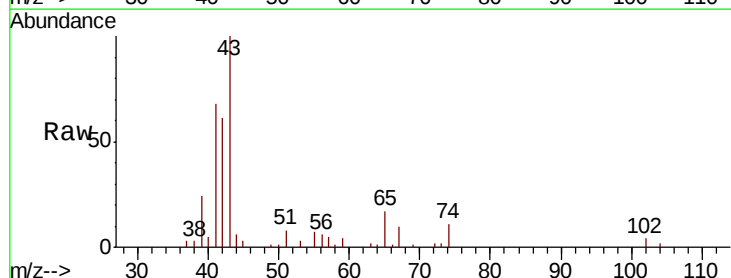


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

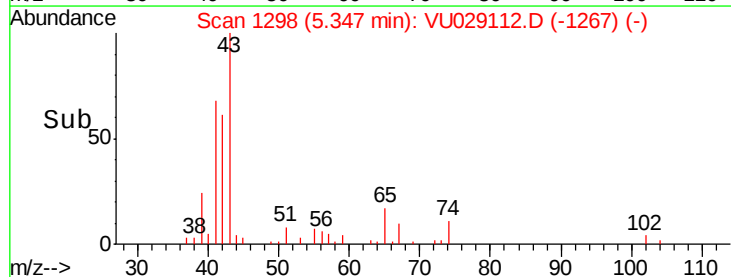
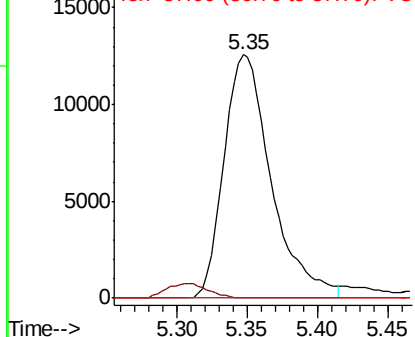


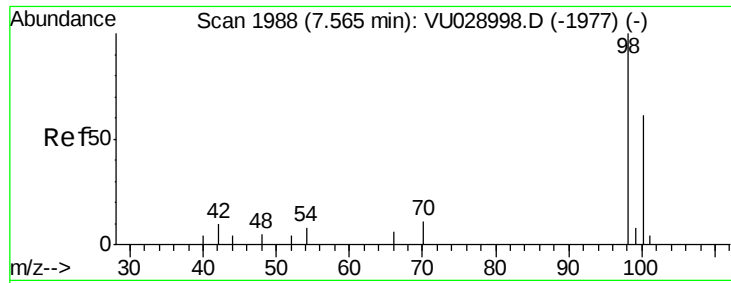
#43
Isopropyl Acetate
Concen: 7.054 ug/l
RT: 5.35 min Scan# 1298
Delta R.T. -0.20 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion: 43 Resp: 29471
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.024 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

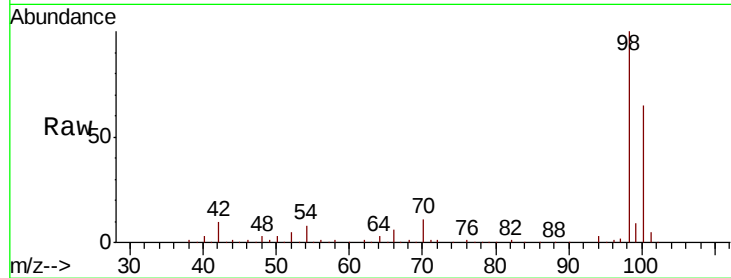
CROSSWICKS-DRUM-1DL

Tgt Ion: 98 Resp: 311423

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

200000

150000

100000

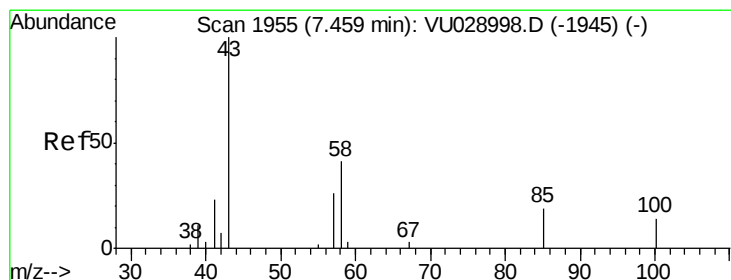
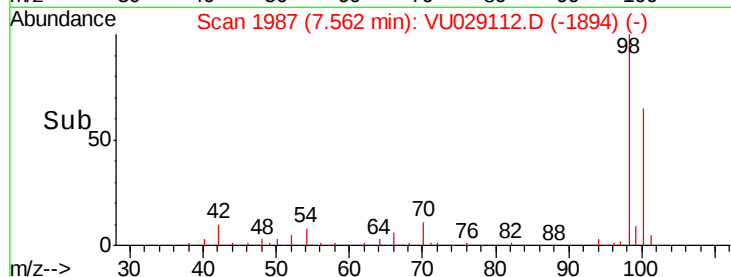
50000

0

7.56

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.680 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VU029112.D

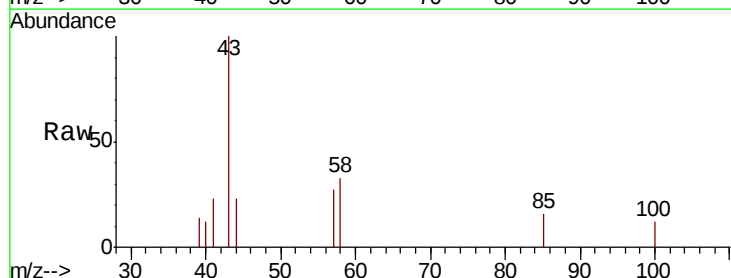
Acq: 10 Jan 2019 12:39

Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

43 100

58 29.7 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1945) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-1945) (-)

1000

800

600

400

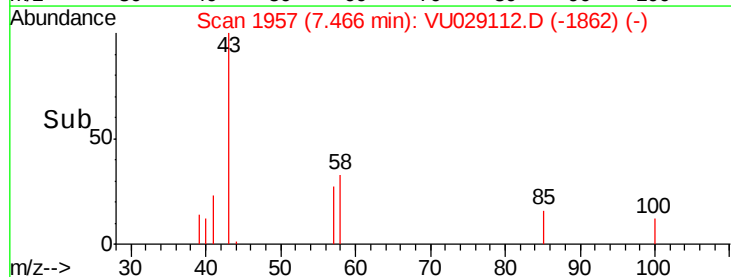
200

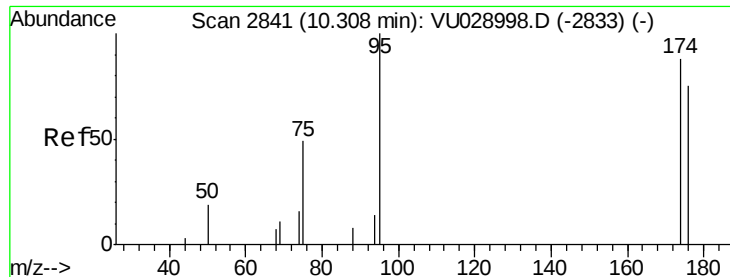
0

7.47

7.40 7.45 7.50

Time-->





#62

4-Bromofluorobenzene

Concen: 45.153 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1DL

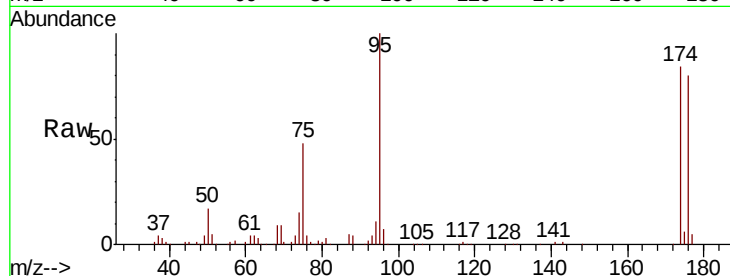
Tgt Ion: 95 Resp: 103083

Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.6

176 81.8 0.0 165.0

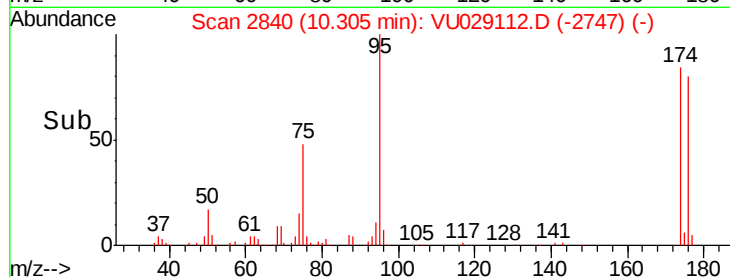


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

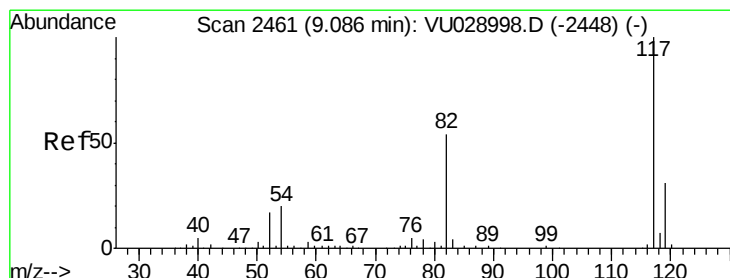
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

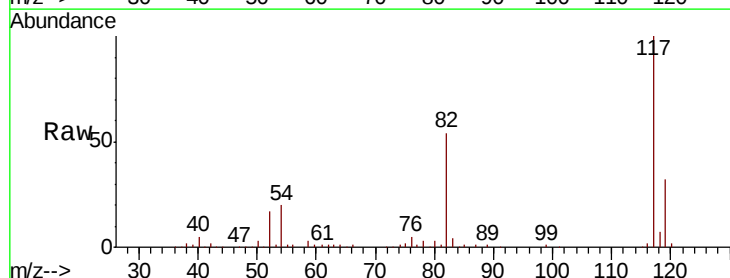
Tgt Ion: 117 Resp: 227149

Ion Ratio Lower Upper

117 100

82 54.5 43.9 65.9

119 31.9 26.0 39.0

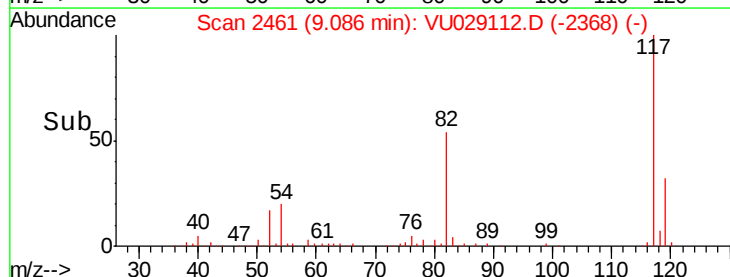


Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)

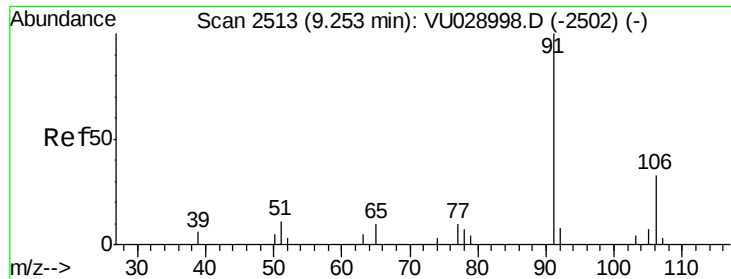
Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028998.D (-2448) (-)

Time-->



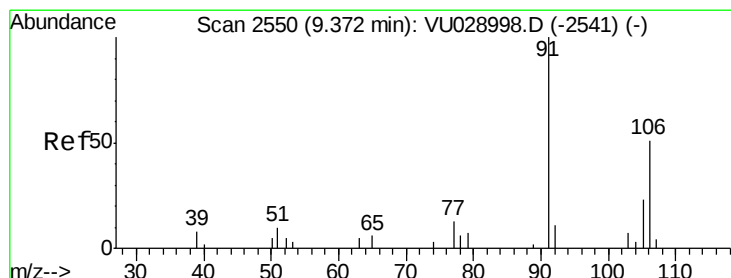
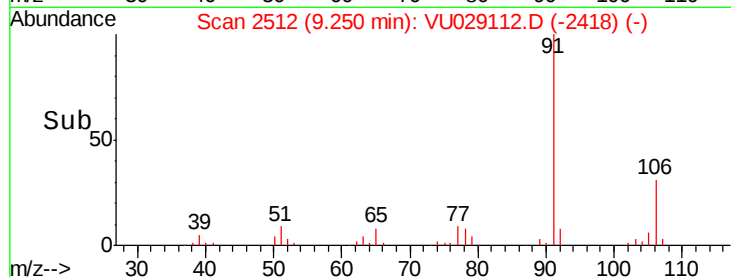
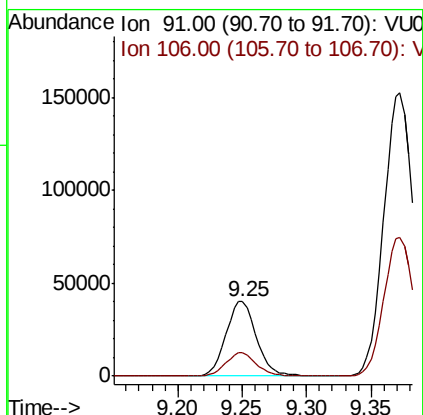
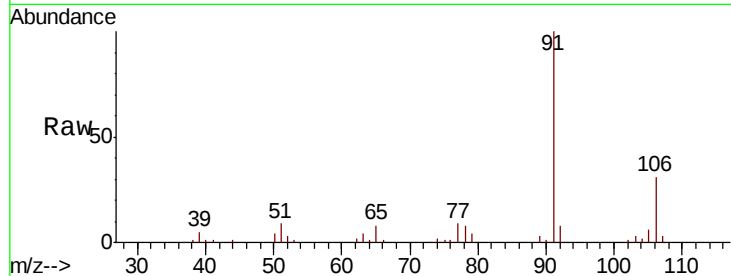
Time-->



#67
Ethyl Benzene
Concen: 7.801 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

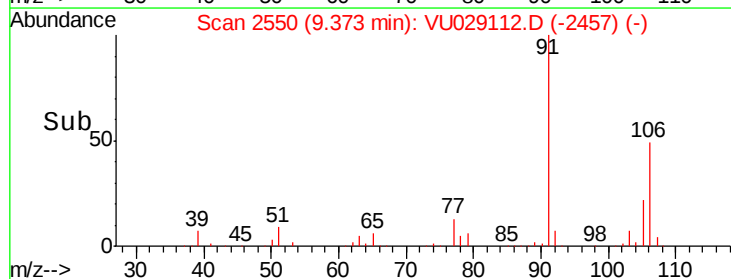
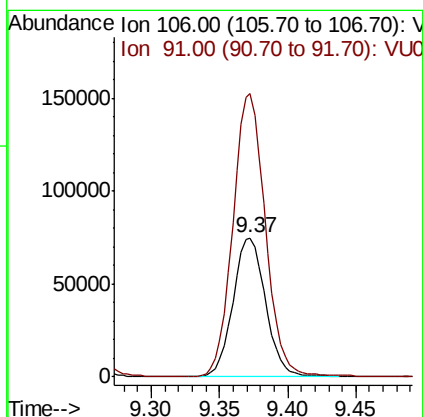
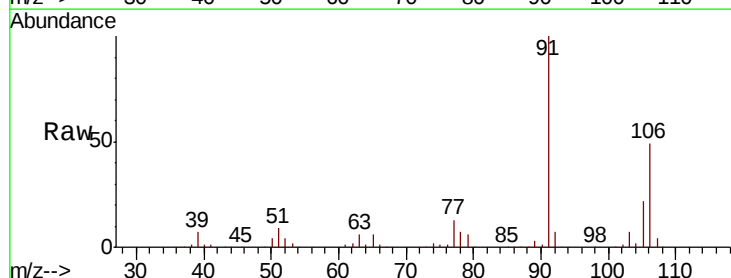
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

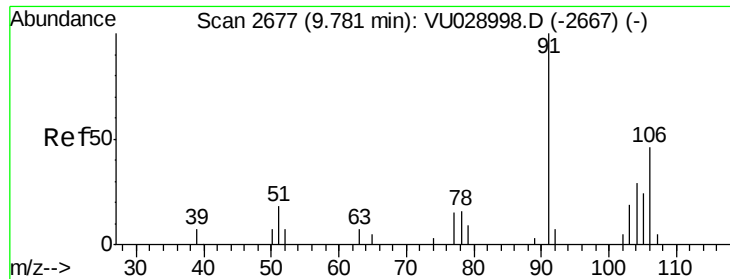
Tgt Ion: 91 Resp: 66316
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 37.632 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion: 106 Resp: 124296
Ion Ratio Lower Upper
106 100
91 202.6 161.7 242.5

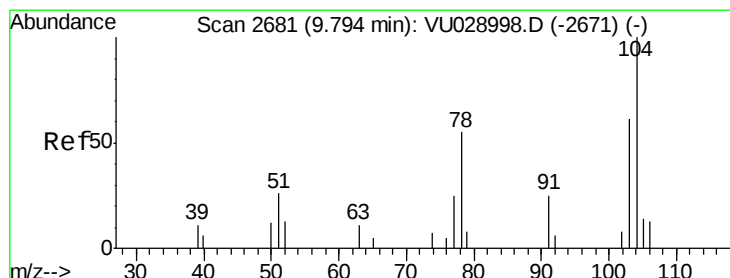
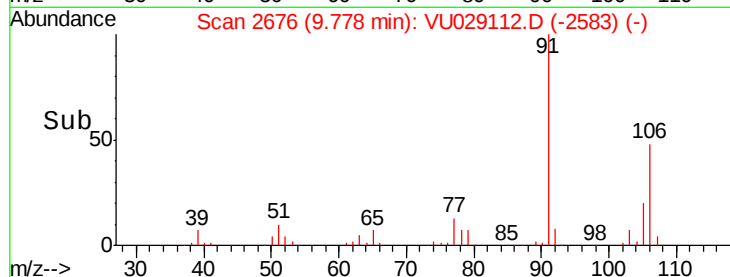
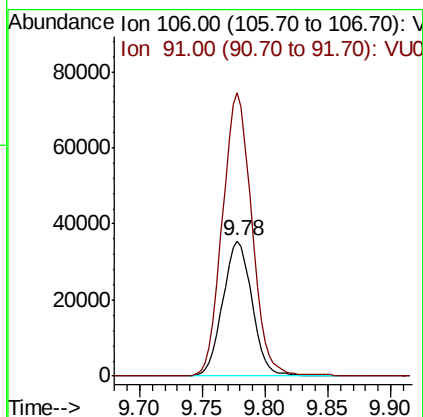
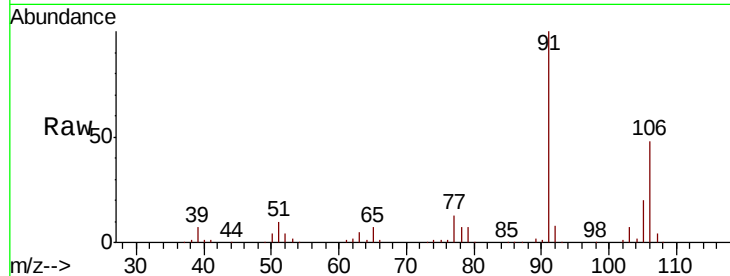




#69
o-Xylene
Concen: 18.089 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

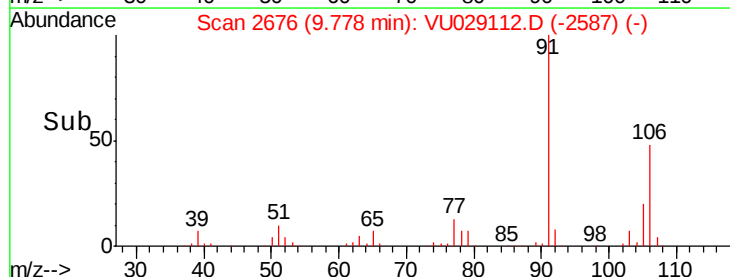
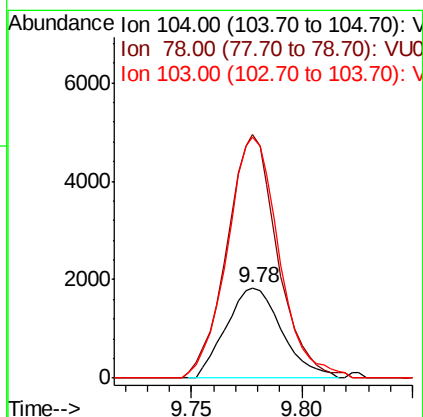
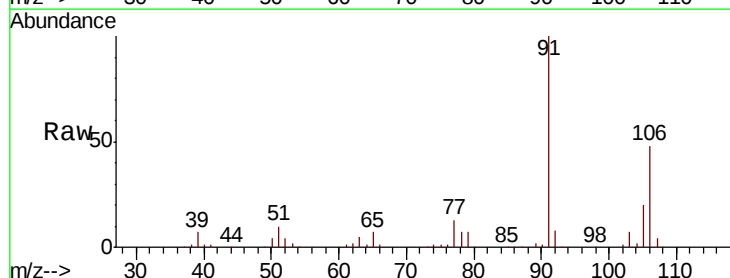
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

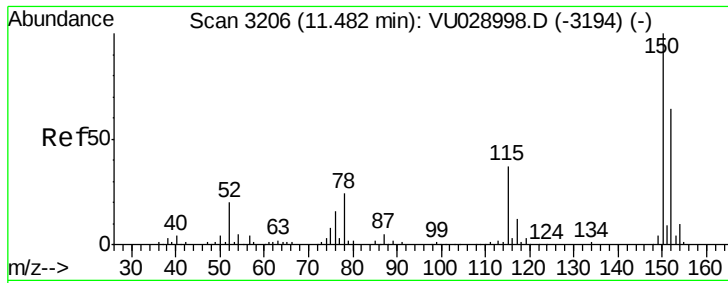
Tgt Ion:106 Resp: 57570
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.3



#70
Styrene
Concen: 0.619 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion:104 Resp: 3232
Ion Ratio Lower Upper
104 100
78 244.9 38.6 58.0#
103 247.4 44.5 66.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1DL

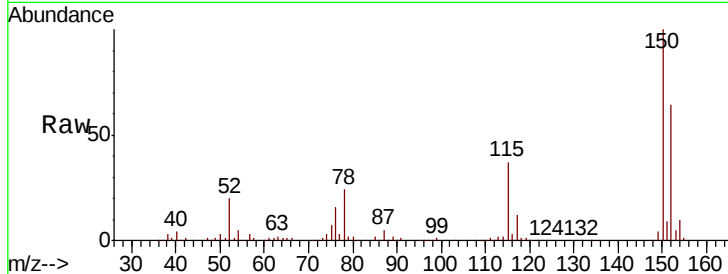
Tgt Ion:152 Resp: 99010

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

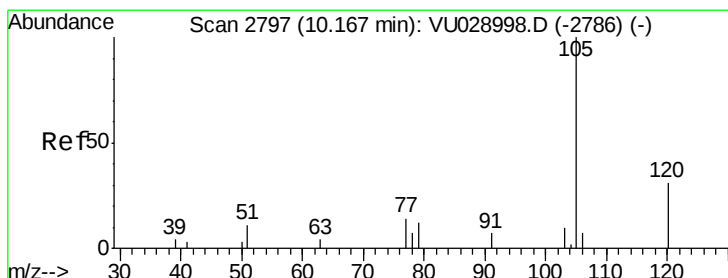
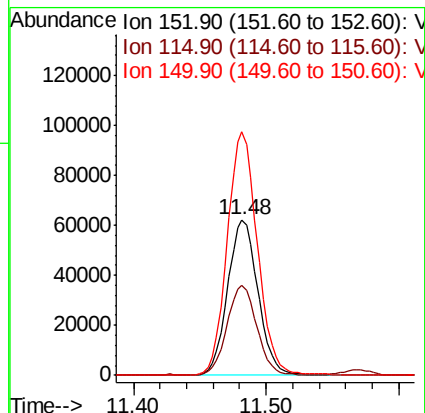
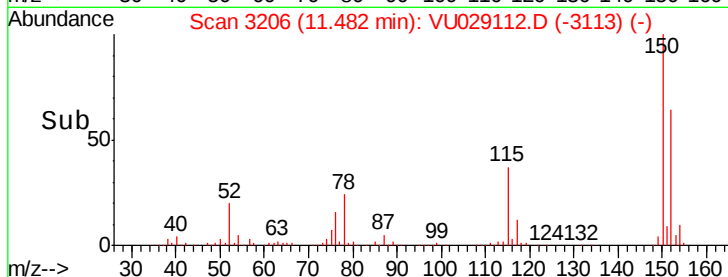
150 155.7 0.0 345.2



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: 0.437 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029112.D

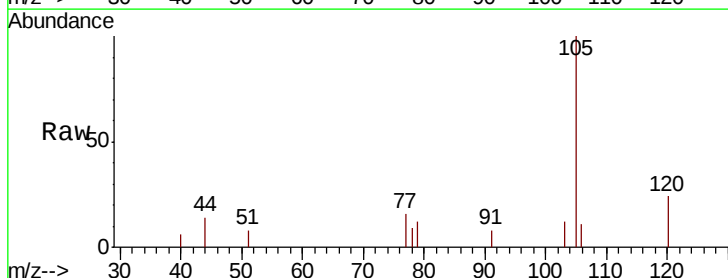
Acq: 10 Jan 2019 12:39

Tgt Ion:105 Resp: 3206

Ion Ratio Lower Upper

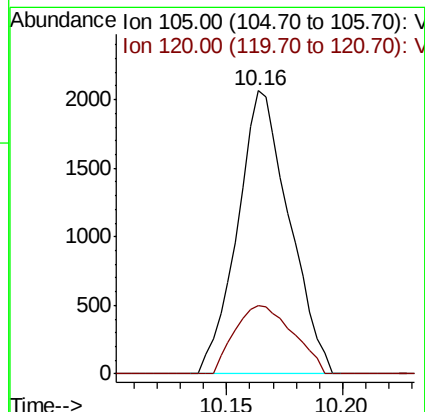
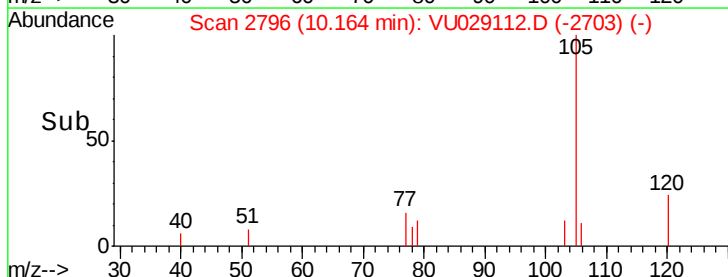
105 100

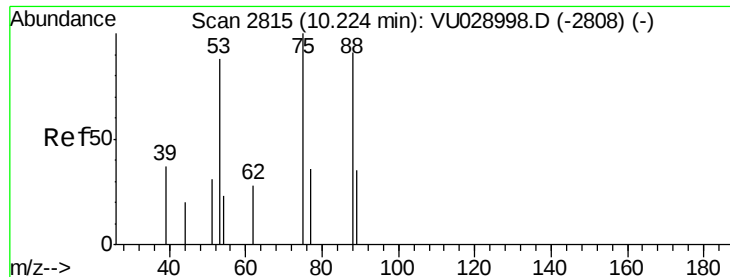
120 27.3 13.2 39.5



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: 19.996 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

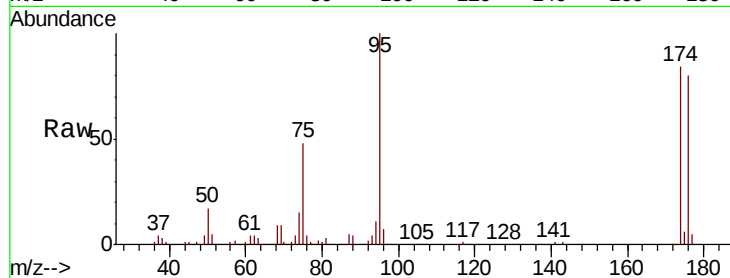
CROSSWICKS-DRUM-1DL

Tgt Ion: 75 Resp: 48508

Ion Ratio Lower Upper

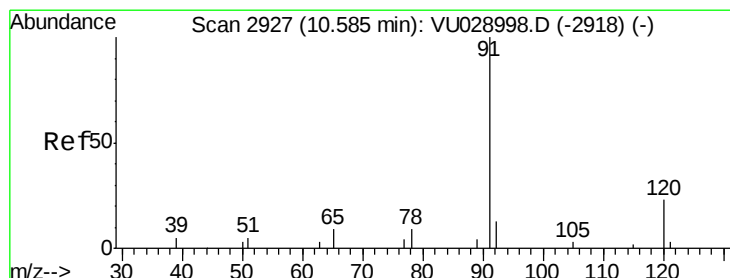
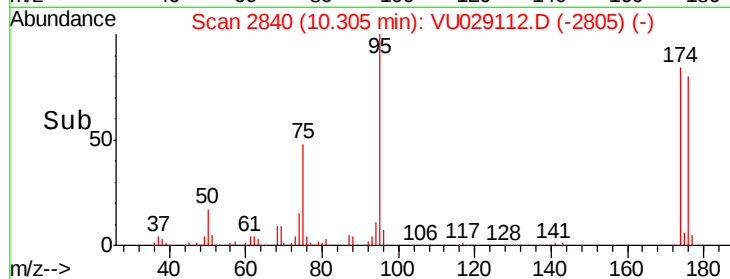
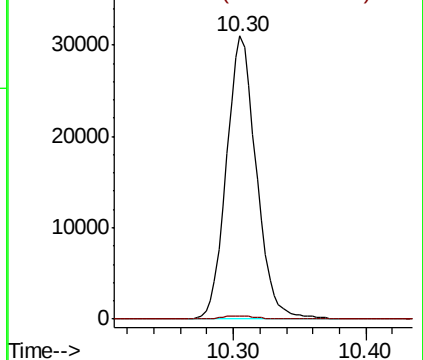
75 100

77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 2.393 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU029112.D

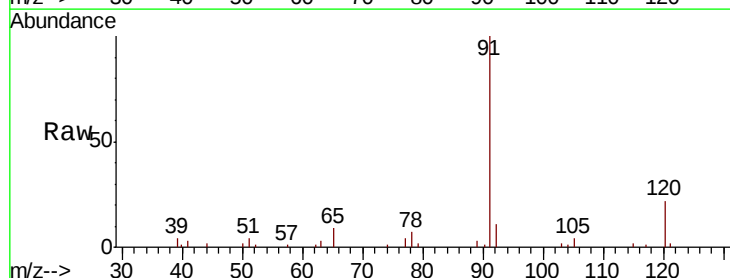
Acq: 10 Jan 2019 12:39

Tgt Ion: 91 Resp: 20663

Ion Ratio Lower Upper

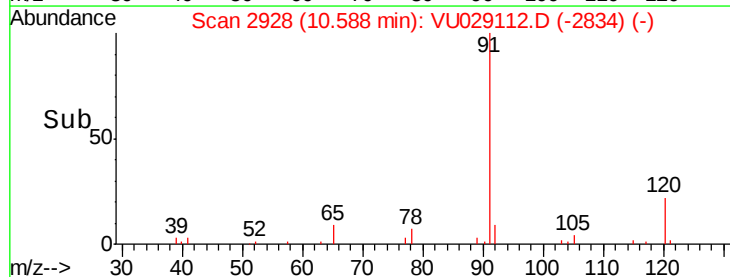
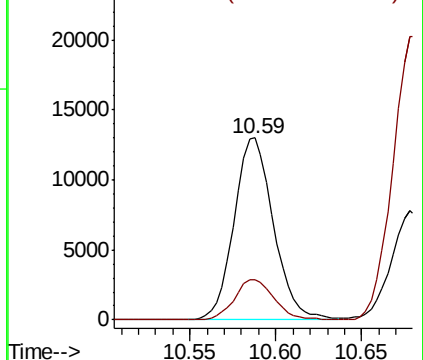
91 100

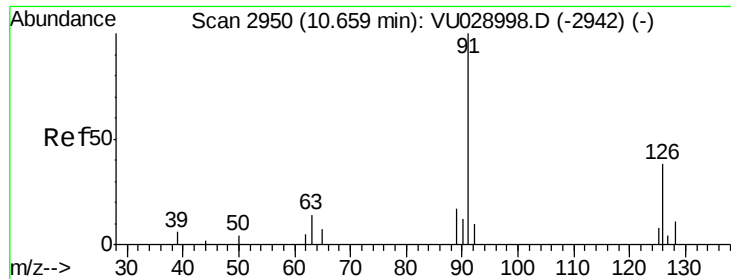
120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

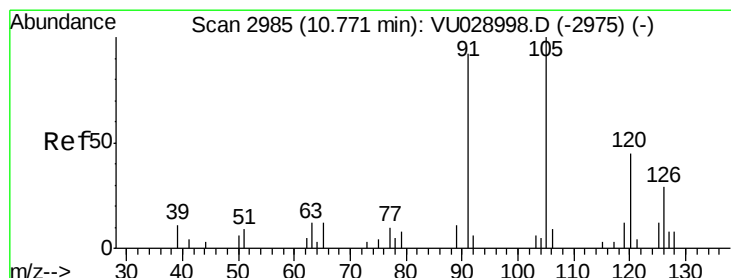
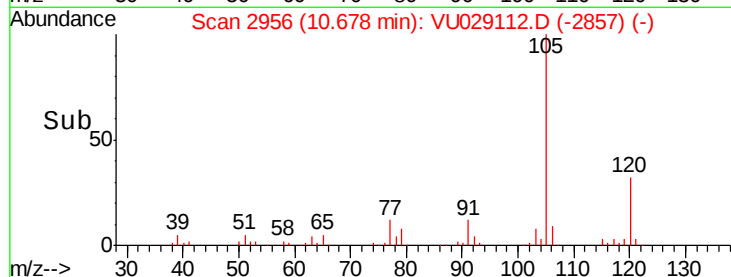
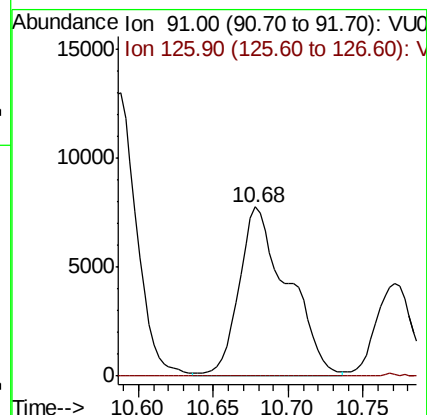
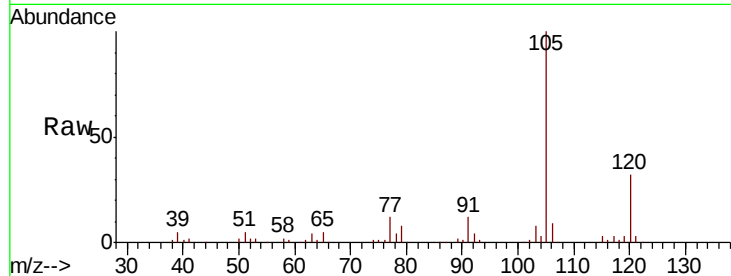




#79
 2-Chlorotoluene
 Concen: 3.375 ug/l
 RT: 10.68 min Scan# 2956
 Delta R.T. 0.02 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

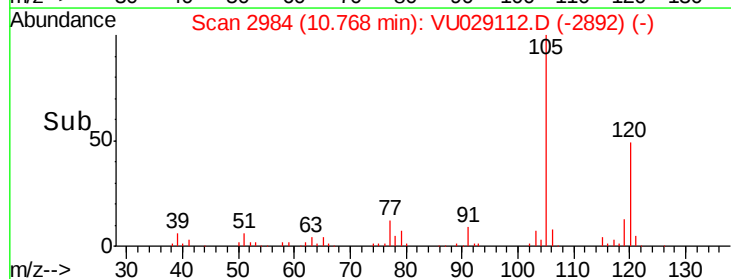
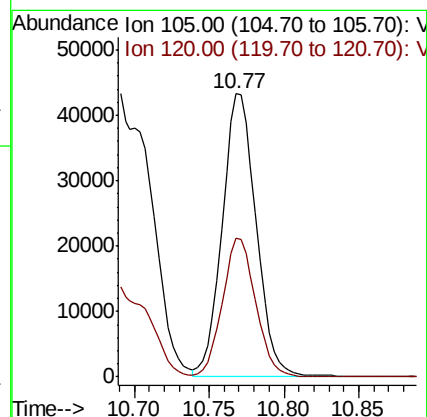
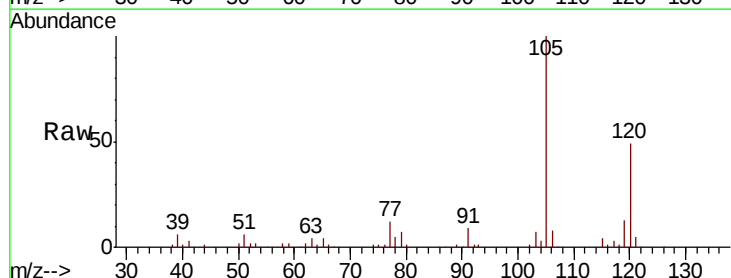
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1DL

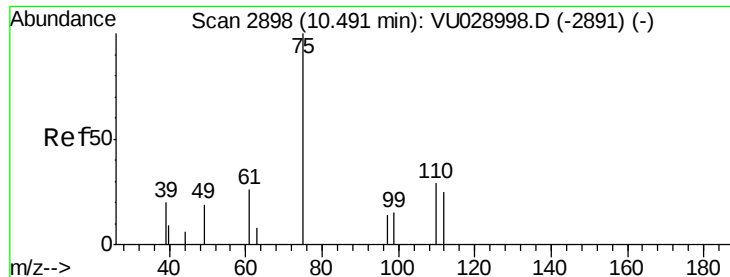
Tgt Ion: 91 Resp: 17679
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.8 50.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.094 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

Tgt Ion: 105 Resp: 67893
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.4

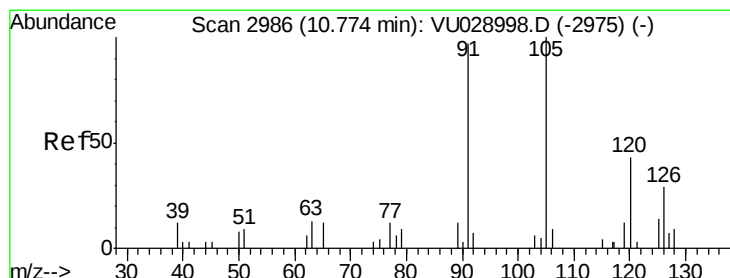
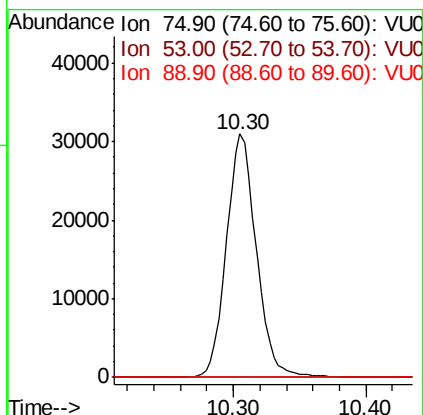
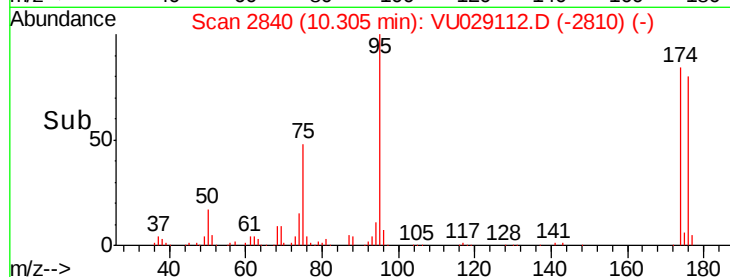
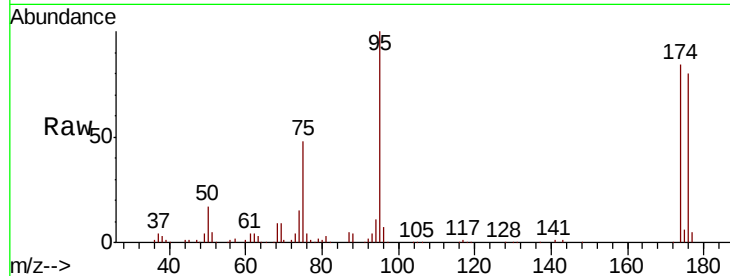




#81
trans-1,4-Dichloro-2-butene
Concen: 51.570 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

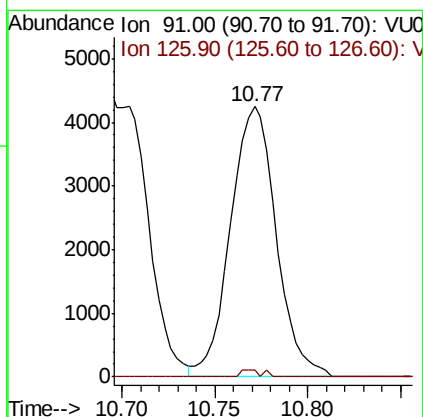
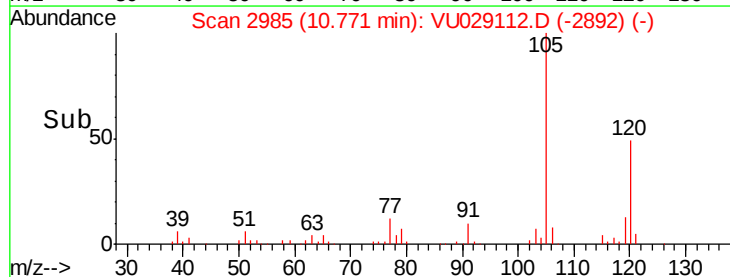
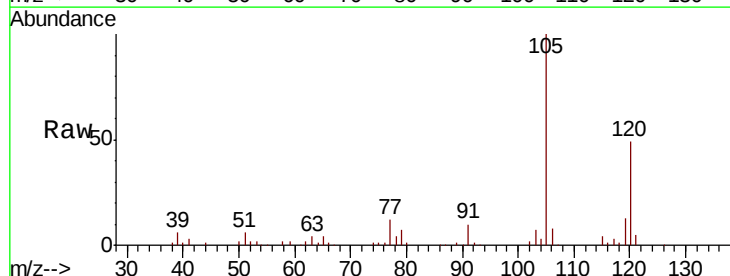
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

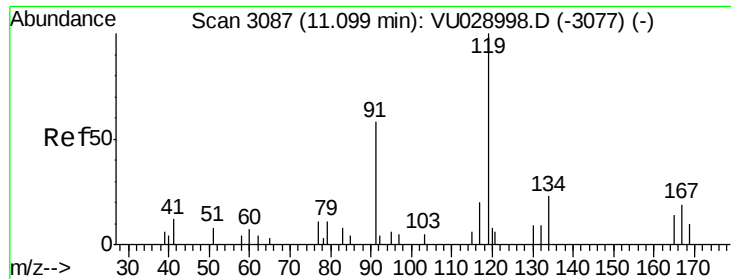
Tgt Ion: 75 Resp: 48508
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.208 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion: 91 Resp: 7259
Ion Ratio Lower Upper
91 100
126 1.1 15.5 46.5#

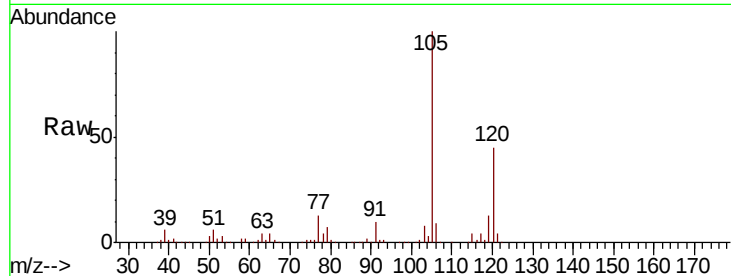




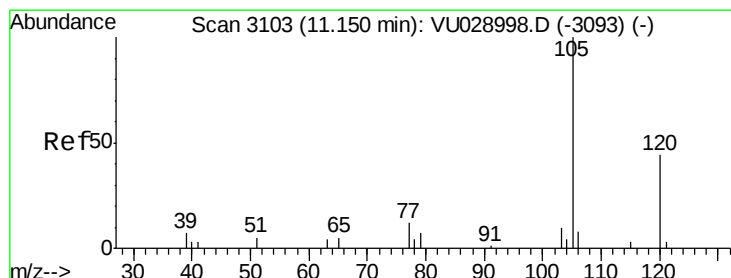
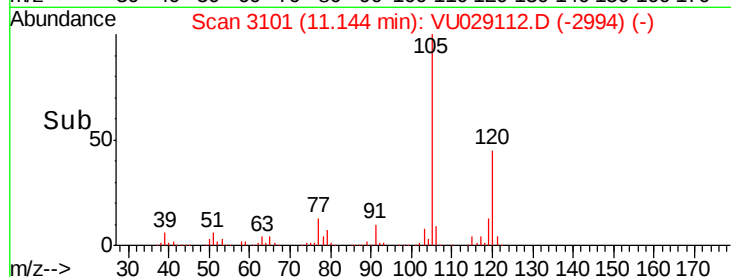
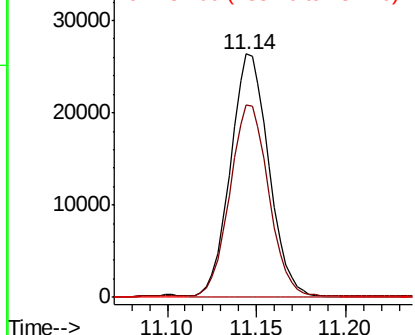
#83
tert-Butylbenzene
Concen: 6.579 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. 0.05 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

Tgt Ion:119 Resp: 39686
Ion Ratio Lower Upper
119 100
91 78.8 28.2 84.6
134 0.0 11.3 33.8#

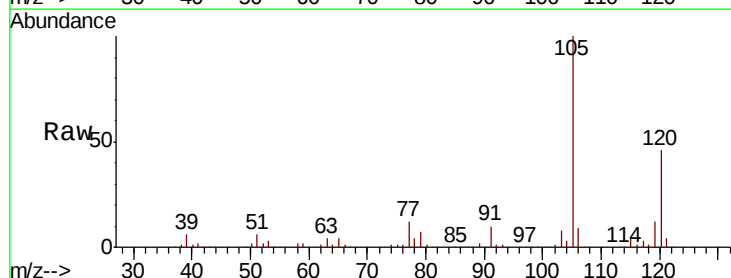


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

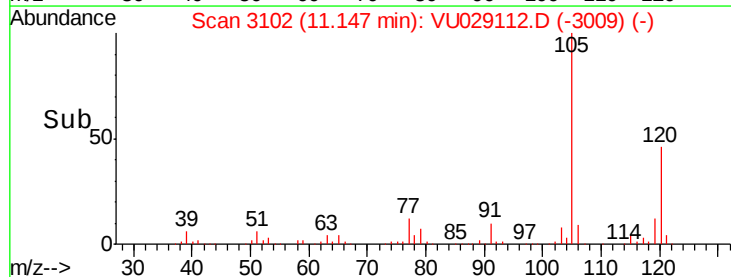
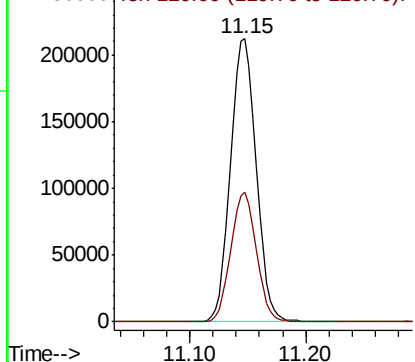


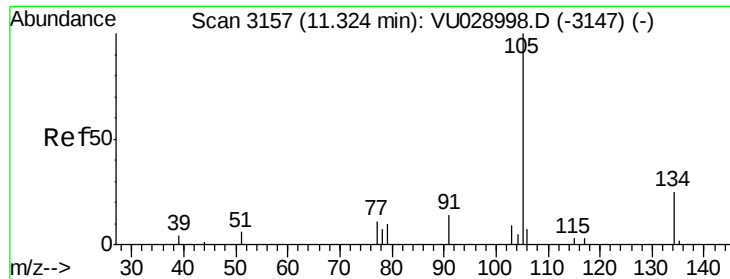
#84
1,2,4-Trimethylbenzene
Concen: 52.628 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion:105 Resp: 321560
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 44.080 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

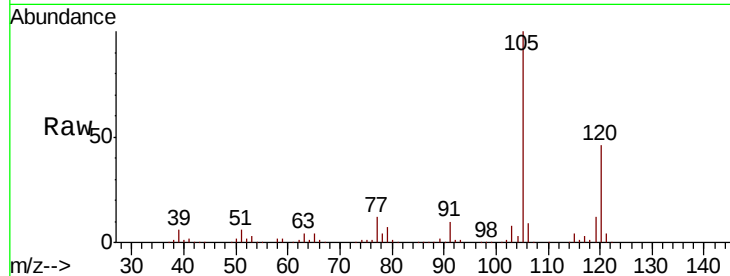
CROSSWICKS-DRUM-1DL

Tgt Ion:105 Resp: 321560

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

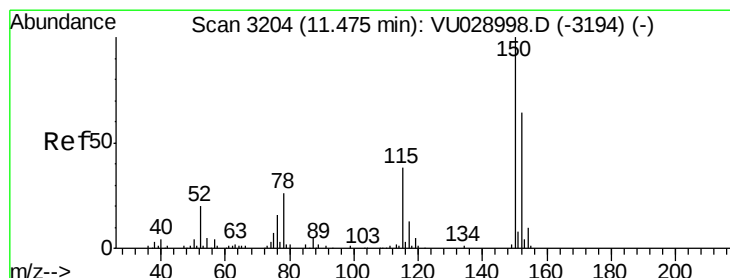
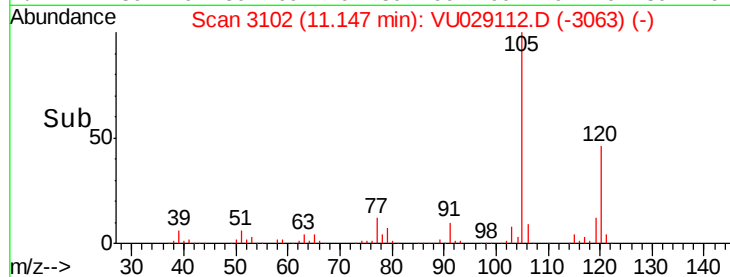
100000

50000

0

11.10 11.20

Time-->



#86

p-Isopropyltoluene

Concen: 1.141 ug/l

RT: 11.43 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VU029112.D

Acq: 10 Jan 2019 12:39

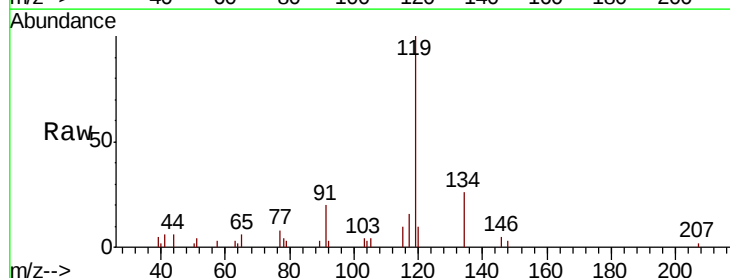
Tgt Ion:119 Resp: 7090

Ion Ratio Lower Upper

119 100

134 27.8 13.5 40.4

91 24.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

6000

5000

4000

3000

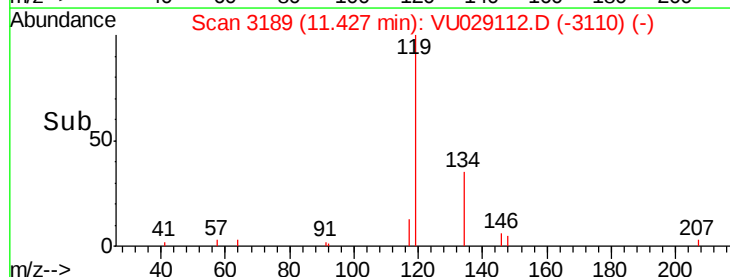
2000

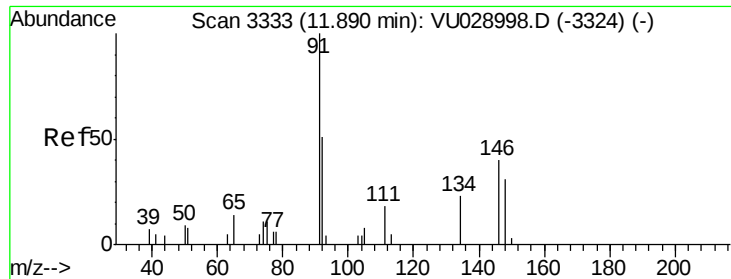
1000

0

11.40 11.45

Time-->

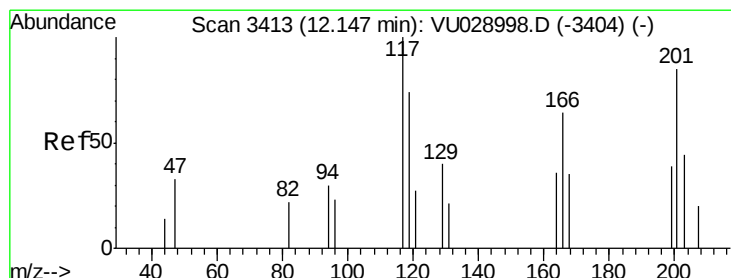
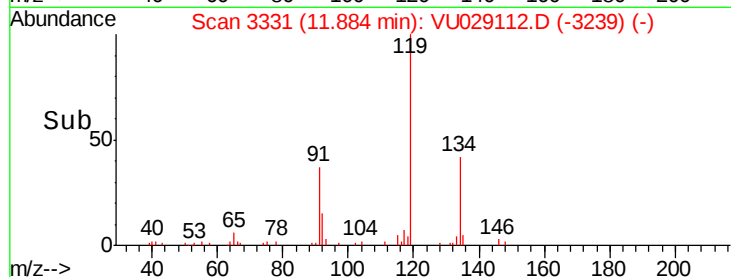
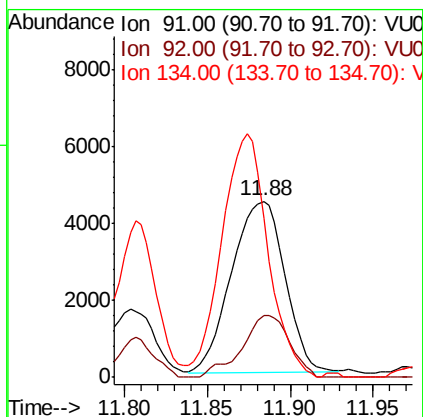
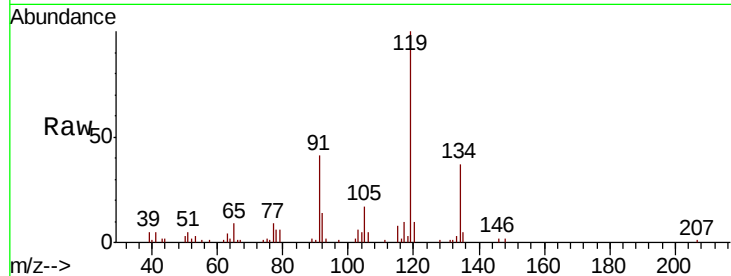




#89
n-Butylbenzene
Concen: 1.811 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

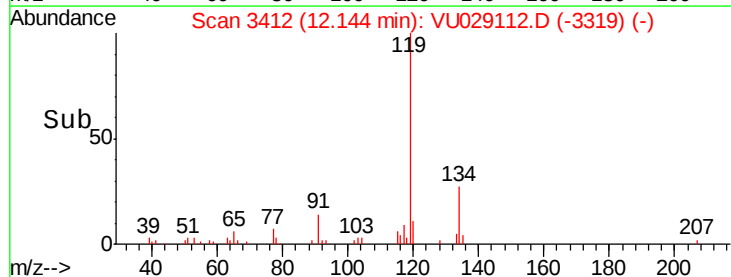
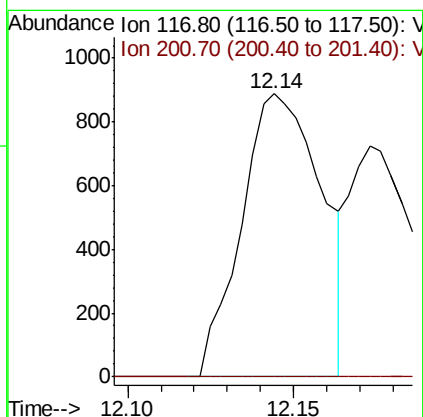
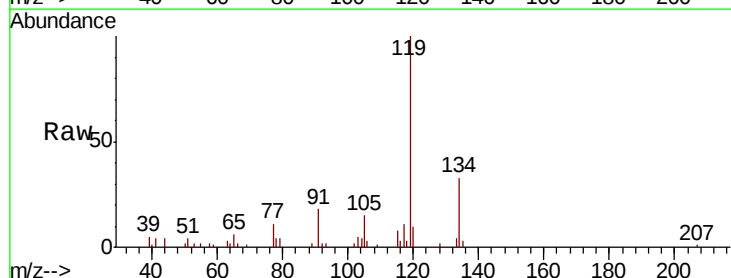
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1DL

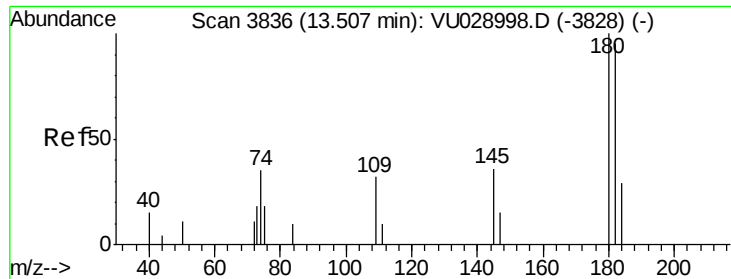
Tgt Ion: 91 Resp: 10050
Ion Ratio Lower Upper
91 100
92 32.1 26.2 78.5
134 122.2 12.6 37.6#



#90
Hexachloroethane
Concen: 1.424 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029112.D
Acq: 10 Jan 2019 12:39

Tgt Ion: 117 Resp: 1489
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#

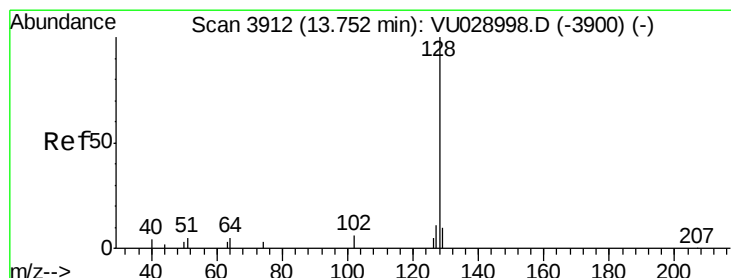
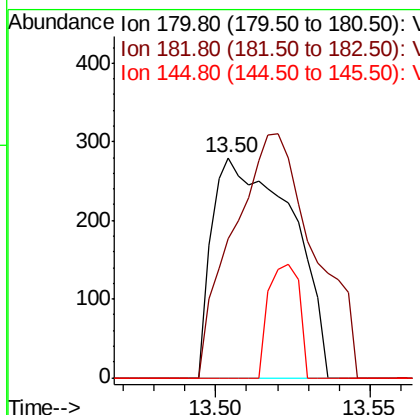
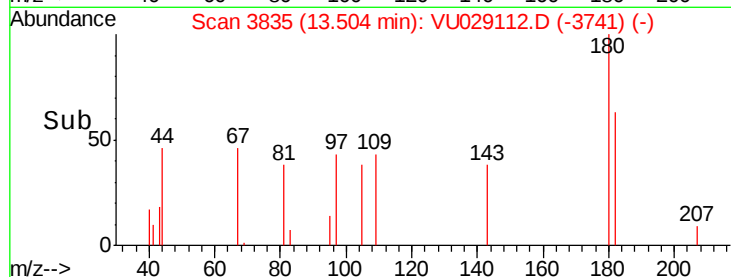
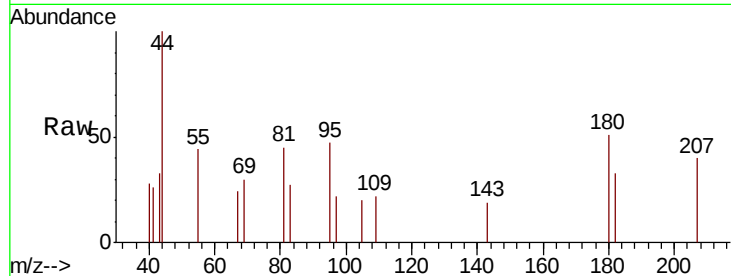




#93
 1,2,4-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

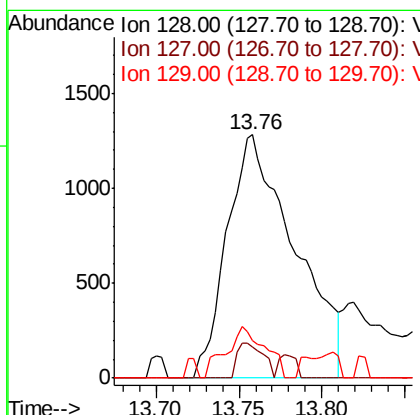
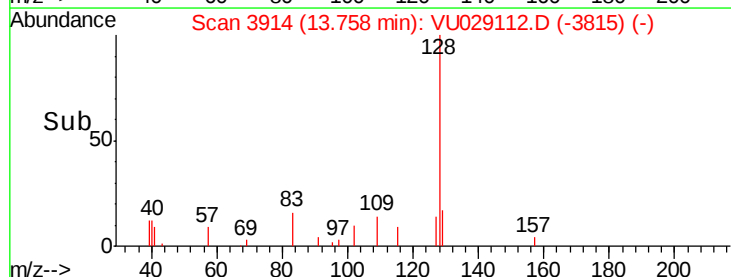
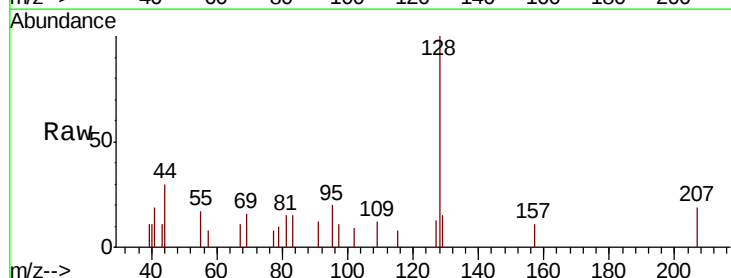
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1DL

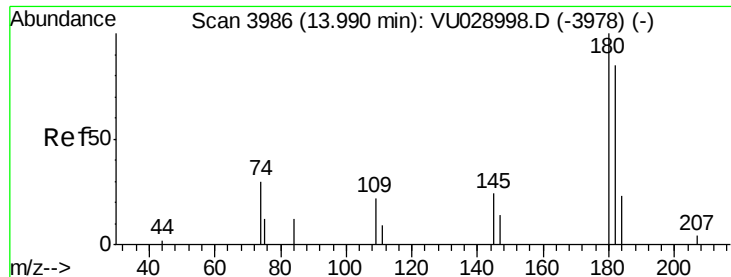
Tgt Ion:180 Resp: 501
 Ion Ratio Lower Upper
 180 100
 182 112.6 47.5 142.6
 145 20.0 14.0 42.0



#95
 Naphthalene
 Concen: 0.474 ug/l
 RT: 13.76 min Scan# 3914
 Delta R.T. 0.02 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

Tgt Ion:128 Resp: 3634
 Ion Ratio Lower Upper
 128 100
 127 5.6 10.1 15.1#
 129 12.2 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 1.080 ug/l
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU029112.D
 Acq: 10 Jan 2019 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1DL

Tgt Ion:180 Resp: 718
 Ion Ratio Lower Upper
 180 100
 182 99.6 48.1 144.3
 145 19.1 14.8 44.4

