

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029110.D
 Acq On : 10 Jan 2019 11:50
 Operator : MD/SY
 Sample : K1094-01
 Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Quant Time: Jan 11 02:45:06 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	4.97	168	111033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192479	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.30	65	75819	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	4.88	113	64097	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	7.56	98	251335	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	10.31	95	97640	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	2511	0.741 ug/l	99
5) Bromomethane	1.59	94	423	Below Cal	95
11) Tert butyl alcohol	2.83	59	2159	6.188 ug/l #	73
14) Allyl chloride	2.57	41	438	0.207 ug/l #	11
16) Acetone	2.34	43	22775	26.339 ug/l	99
17) Carbon Disulfide	2.43	76	65	Below Cal #	75
18) Methyl Acetate	2.63	43	2684	1.335 ug/l	96
25) 2-Butanone	4.31	43	732	0.627 ug/l #	47
31) Cyclohexane	4.97	56	1960	Below Cal #	1
36) 1,1-Dichloropropene	4.97	75	8357	4.344 ug/l #	46
37) Ethyl Acetate	4.31	43	732	0.347 ug/l #	66
38) Carbon Tetrachloride	4.97	117	10078	6.281 ug/l #	16
43) Isopropyl Acetate	5.45	43	3606266	1113.222 ug/l #	58
51) 4-Methyl-2-Pentanone	7.48	43	138921	63.012 ug/l	98
52) Toluene	7.63	92	22679	6.208 ug/l	97
53) t-1,3-Dichloropropene	7.81	75	635	0.283 ug/l #	43
59) 2-Hexanone	8.32	43	2285	1.320 ug/l #	21
67) Ethyl Benzene	9.25	91	6850305	936.681 ug/l	99
68) m/p-Xylenes	9.39	106	13775468	4847.782 ug/l #	1
69) o-Xylene	9.79	106	6111665	2232.171 ug/l	99
70) Styrene	9.79	104	294076	65.518 ug/l #	1
73) Isopropylbenzene	10.17	105	286164	37.806 ug/l	100
74) N-amyl acetate	9.99	43	17221	5.280 ug/l #	49
75) 1,1,2,2-Tetrachloroethane	10.45	83	977	0.322 ug/l #	59
76) 1,2,3-Trichloropropane	10.59	75	12393	4.946 ug/l #	1
78) n-propylbenzene	10.59	91	2256529	252.965 ug/l	99
79) 2-Chlorotoluene	10.69	91	2054584	379.692 ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	7192874	1137.935 ug/l	100
81) trans-1,4-Dichloro-2-buten	10.59	75	12393	12.756 ug/l #	100
82) 4-Chlorotoluene	10.78	91	739569	119.193 ug/l #	44
83) tert-Butylbenzene	11.17	119	5196012	834.015 ug/l #	60
84) 1,2,4-Trimethylbenzene	10.98	105	7748411	1227.792 ug/l	77
85) sec-Butylbenzene	11.33	105	438197	58.157 ug/l	99
86) p-Isopropyltoluene	11.43	119	783408	122.017 ug/l	97

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029110.D
Acq On : 10 Jan 2019 11:50
Operator : MD/SY
Sample : K1094-01
Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Quant Time: Jan 11 02:45:06 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

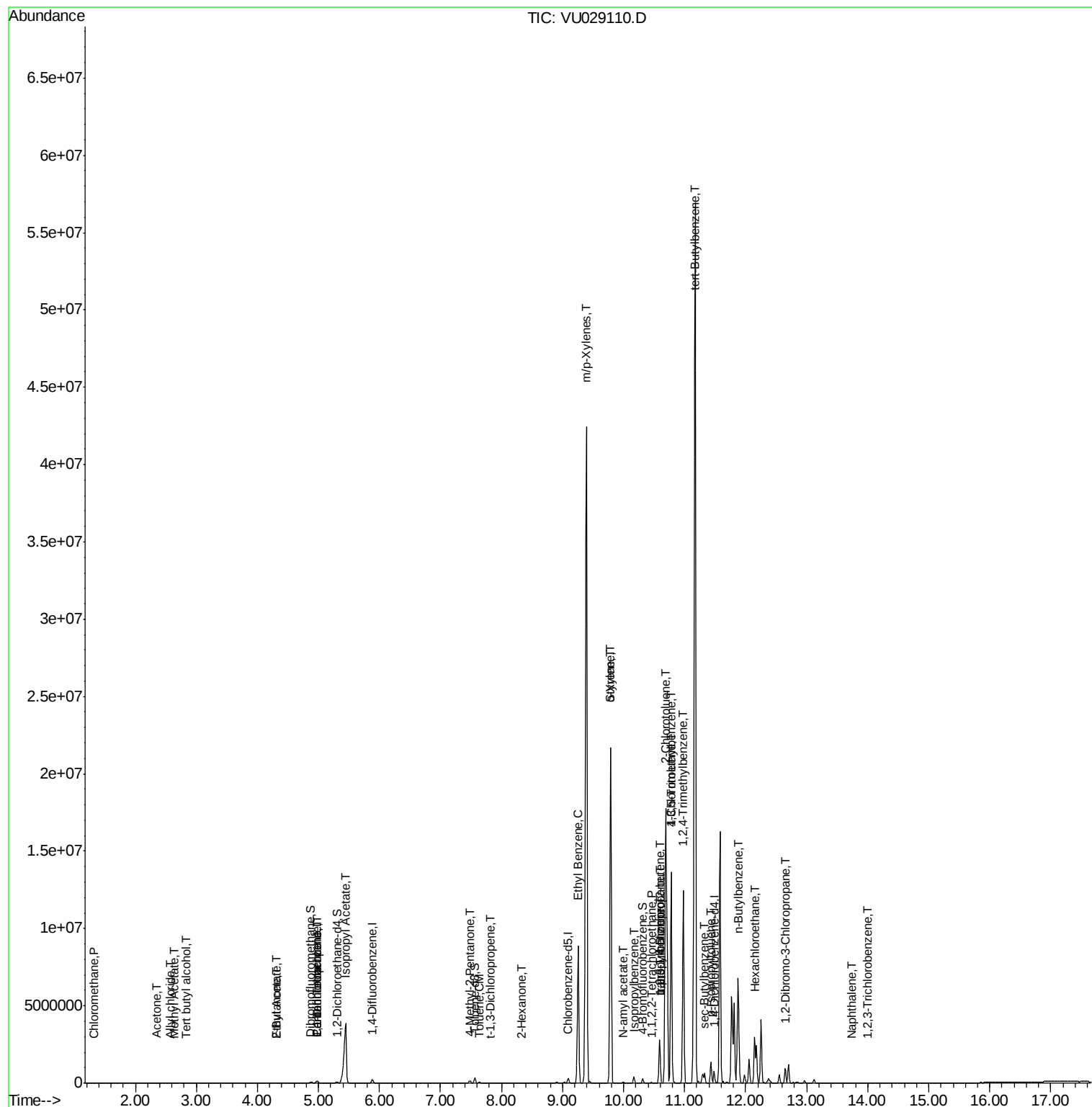
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.88	91	1160638	202.537	ug/l #	11
90) Hexachloroethane	12.15	117	155741	144.190	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	3760	6.444	ug/l #	1
95) Naphthalene	13.75	128	14557	1.839	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	83	0.809	ug/l #	12

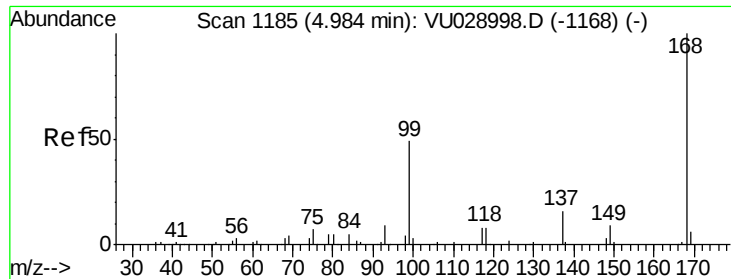
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029110.D
Acq On : 10 Jan 2019 11:50
Operator : MD/SY
Sample : K1094-01
Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Quant Time: Jan 11 02:45:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

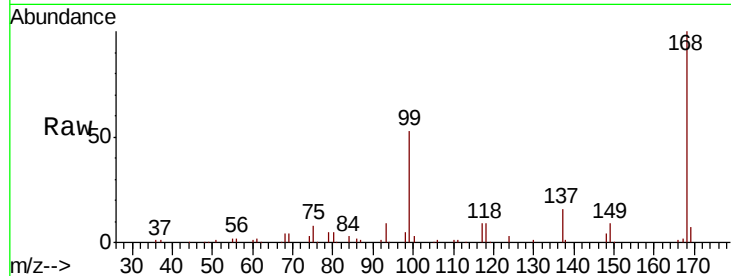
CROSSWICKS-DRUM-1

Tgt Ion:168 Resp: 111033

Ion Ratio Lower Upper

168 100

99 53.0 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU029110.D (-1091) (-)

4.97

50000

40000

30000

20000

10000

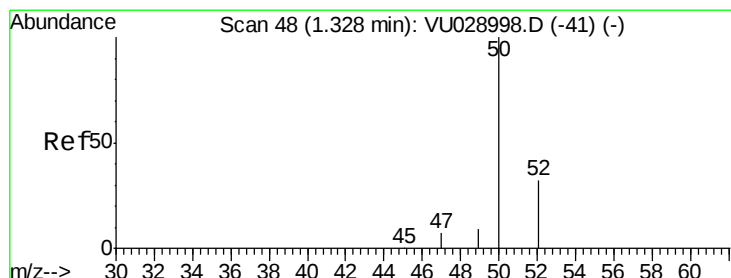
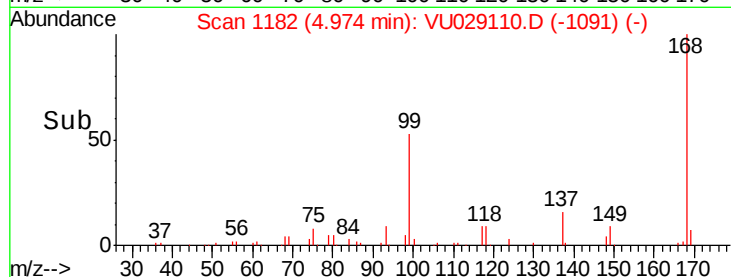
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.741 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029110.D

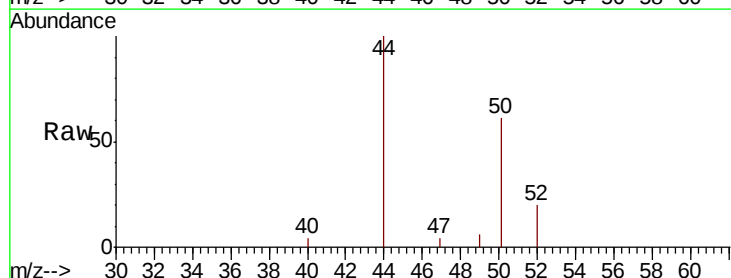
Acq: 10 Jan 2019 11:50

Tgt Ion: 50 Resp: 2511

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



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

Ion 51.90 (51.60 to 52.60): VU029110.D (-1) (-)

1.32

2000

1500

1000

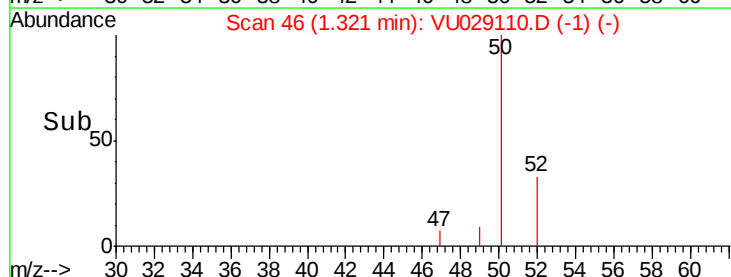
500

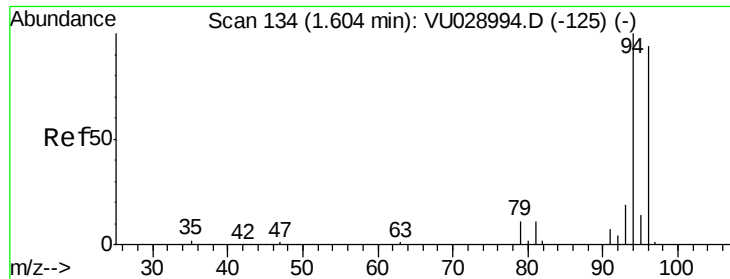
0

1.30

1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.59 min Scan# 131

Delta R.T. -0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

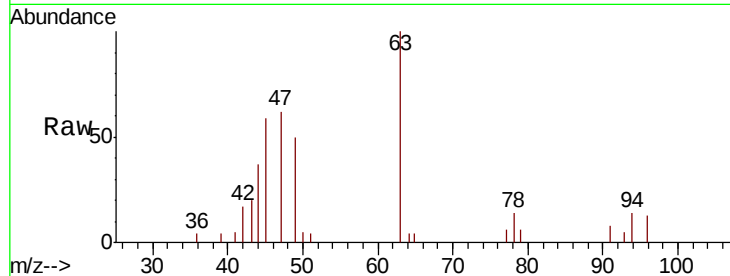
CROSSWICKS-DRUM-1

Tgt Ion: 94 Resp: 423

Ion Ratio Lower Upper

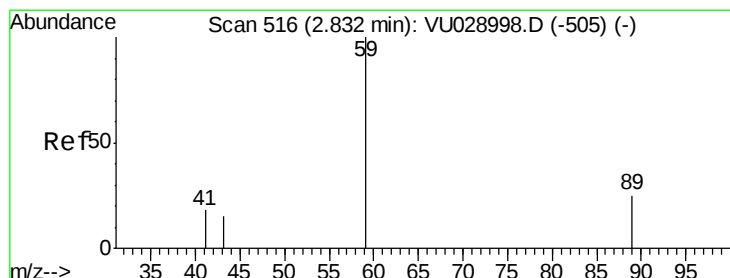
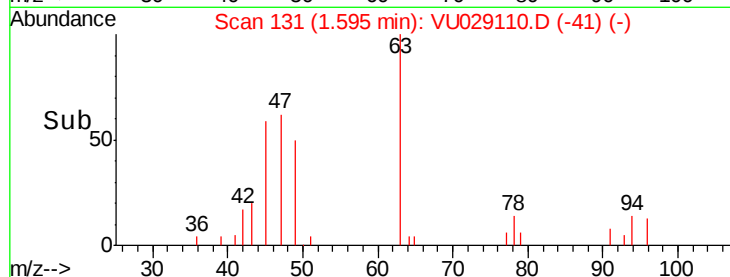
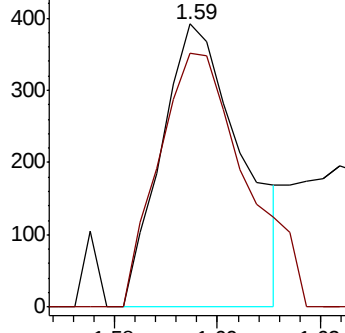
94 100

96 89.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#11

Tert butyl alcohol

Concen: 6.188 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.01 min

Lab File: VU029110.D

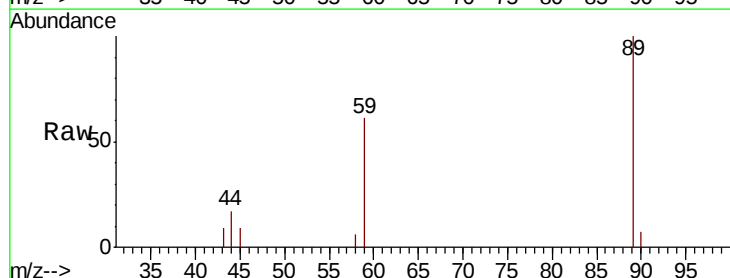
Acq: 10 Jan 2019 11:50

Tgt Ion: 59 Resp: 2159

Ion Ratio Lower Upper

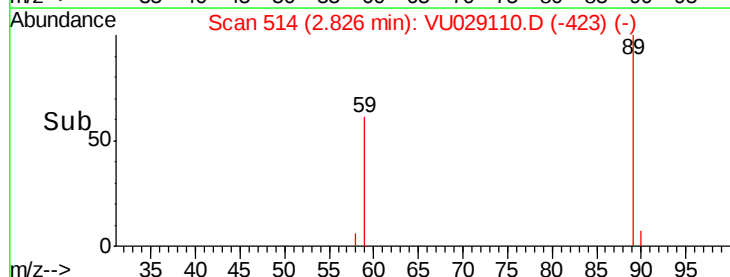
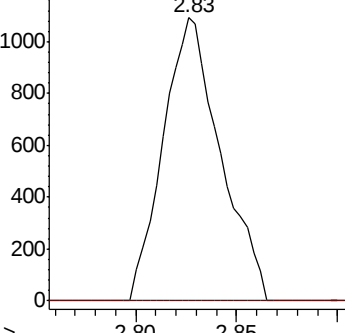
59 100

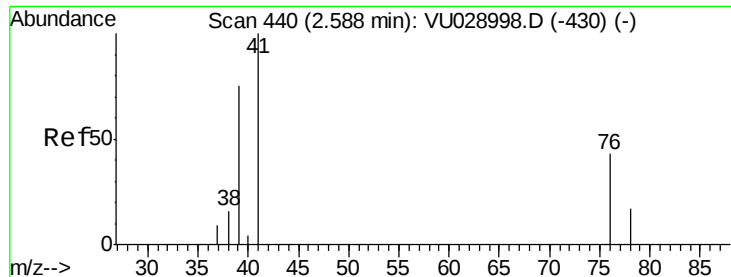
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

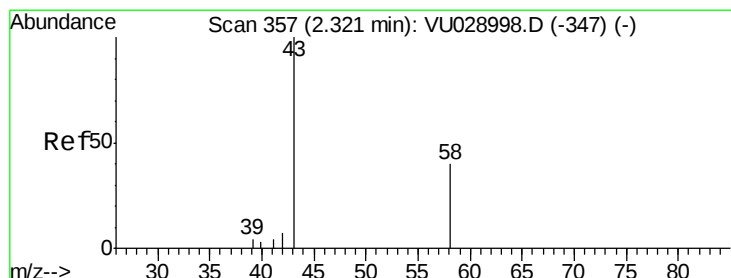
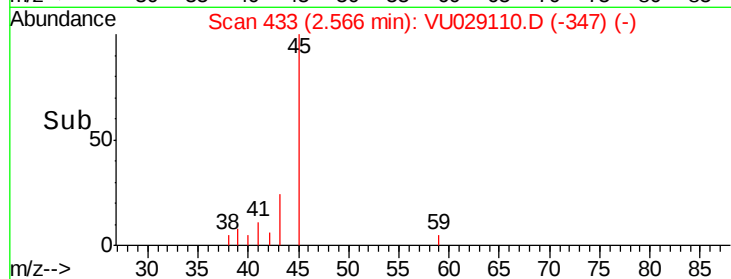
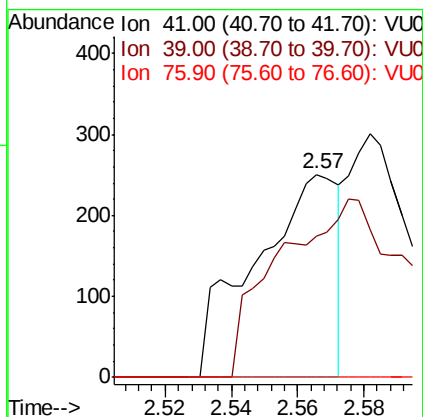
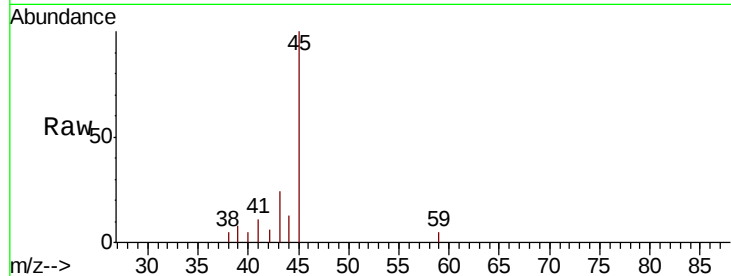




#14
 Allyl chloride
 Concen: 0.207 ug/l
 RT: 2.57 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

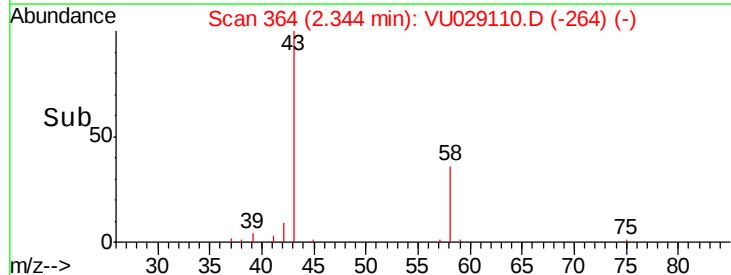
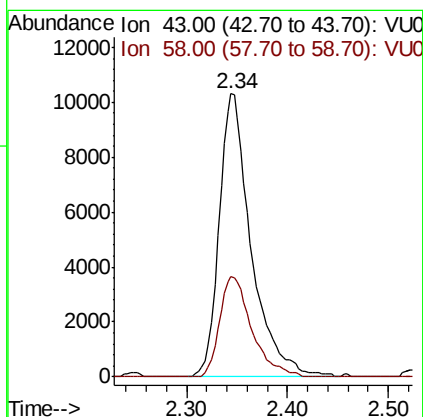
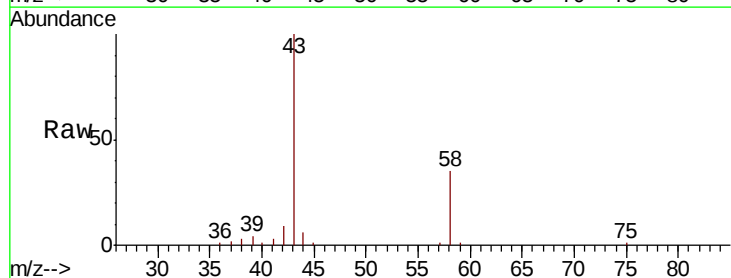
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

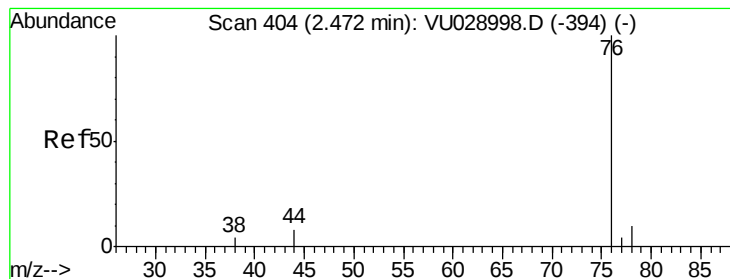
Tgt Ion: 41 Resp: 438
 Ion Ratio Lower Upper
 41 100
 39 134.5 45.0 67.6#
 76 0.0 28.1 42.1#



#16
 Acetone
 Concen: 26.339 ug/l
 RT: 2.34 min Scan# 364
 Delta R.T. 0.02 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 43 Resp: 22775
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.6 42.8





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.43 min Scan# 392

Delta R.T. -0.04 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

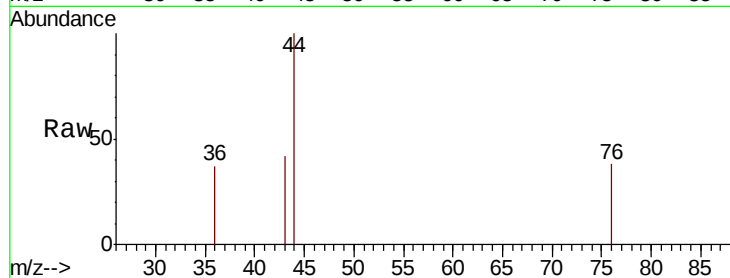
CROSSWICKS-DRUM-1

Tgt Ion: 76 Resp: 65

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VU028998.D (-394) (-)

2.43

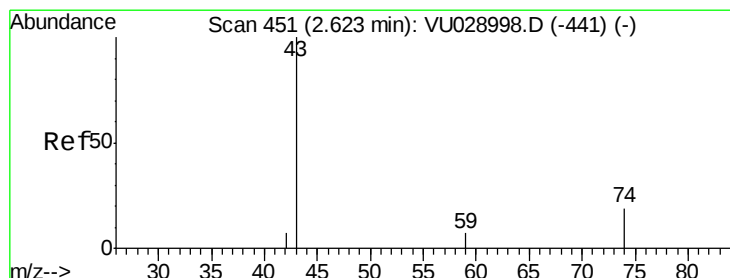
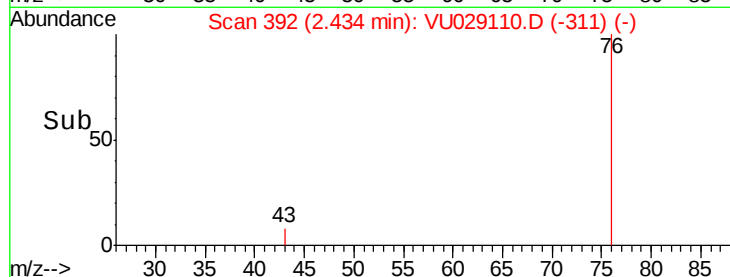
100

50

0

2.42 2.43 2.44 2.45

Time-->



#18

Methyl Acetate

Concen: 1.335 ug/l

RT: 2.63 min Scan# 453

Delta R.T. 0.02 min

Lab File: VU029110.D

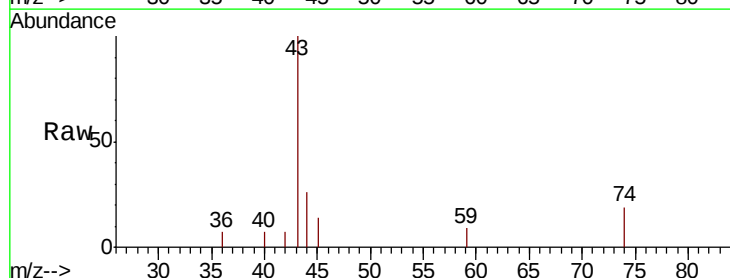
Acq: 10 Jan 2019 11:50

Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

43 100

74 26.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VU028998.D (-441) (-)

2.63

1500

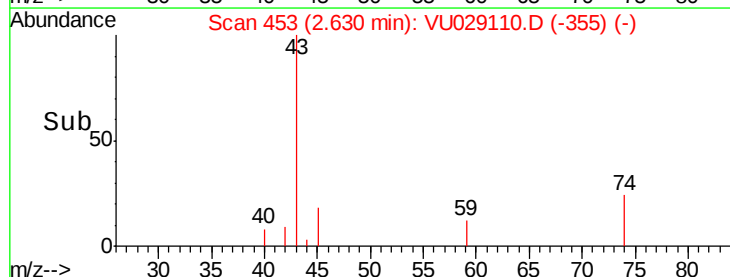
1000

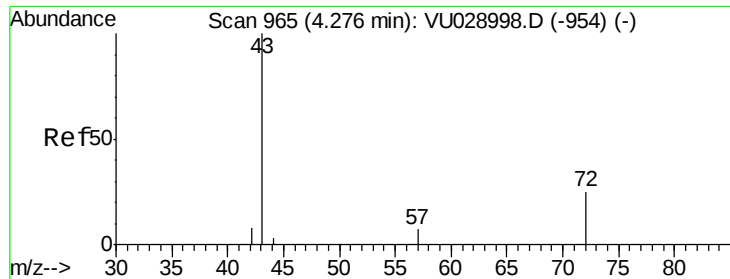
500

0

2.60 2.65 2.70

Time-->





#25

2-Butanone

Concen: 0.627 ug/l

RT: 4.31 min Scan# 975

Delta R.T. 0.05 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

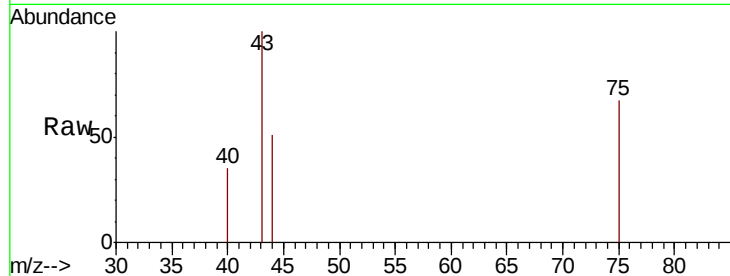
CROSSWICKS-DRUM-1

Tgt Ion: 43 Resp: 732

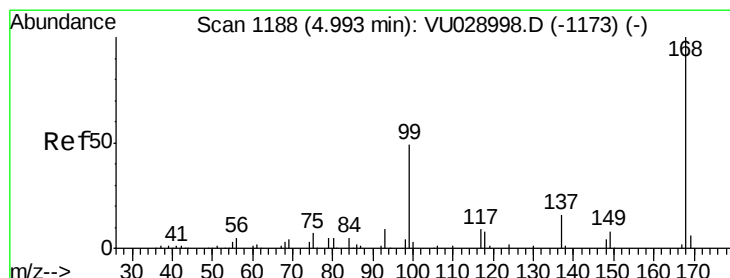
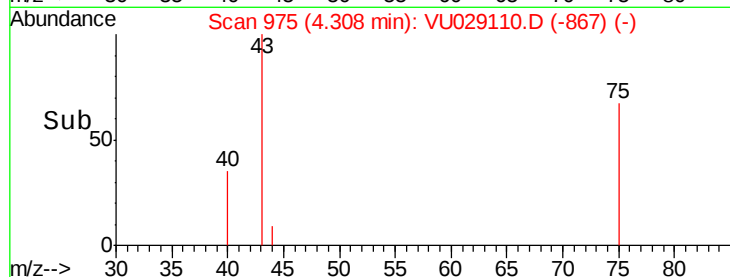
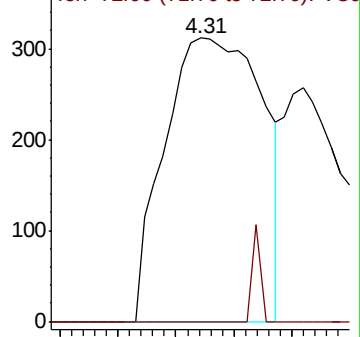
Ion Ratio Lower Upper

43 100

72 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029110.D (-867) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 4.97 min Scan# 1180

Delta R.T. -0.03 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

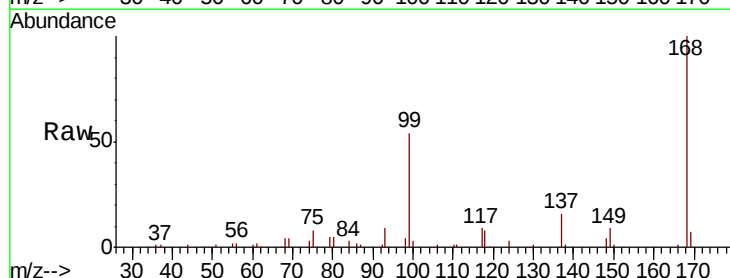
Tgt Ion: 56 Resp: 1960

Ion Ratio Lower Upper

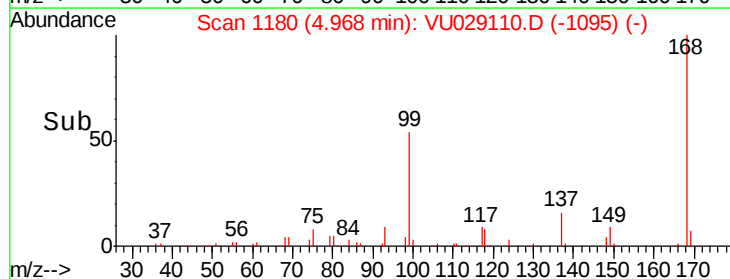
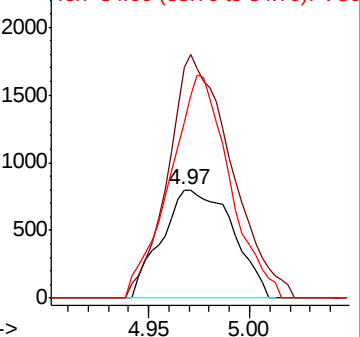
56 100

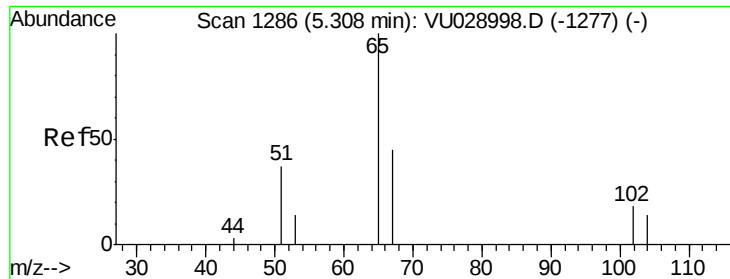
69 213.3 26.7 40.1#

84 162.1 65.7 98.5#



Abundance Ion 56.00 (55.70 to 56.70): VU029110.D (-1095) (-)

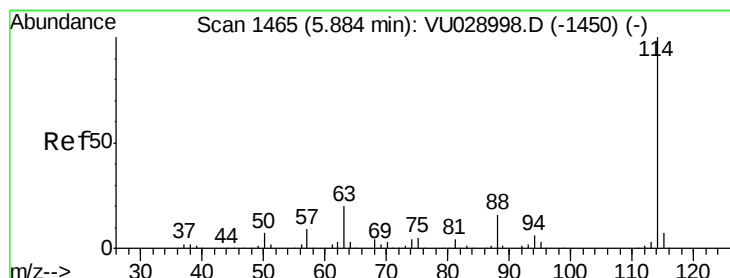
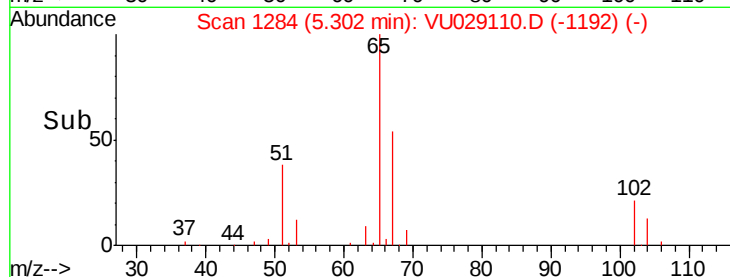
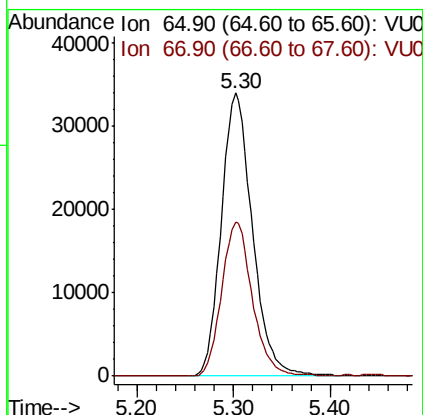
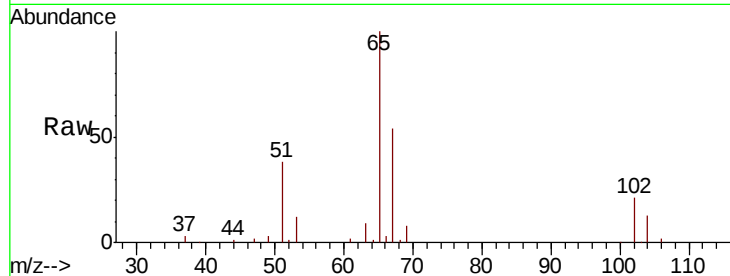




#33
 1,2-Dichloroethane-d4
 Concen: 55.238 ug/l
 RT: 5.30 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

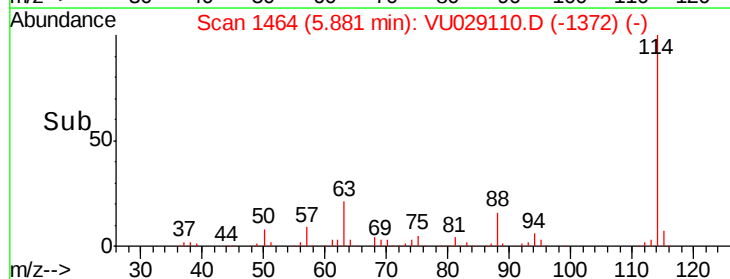
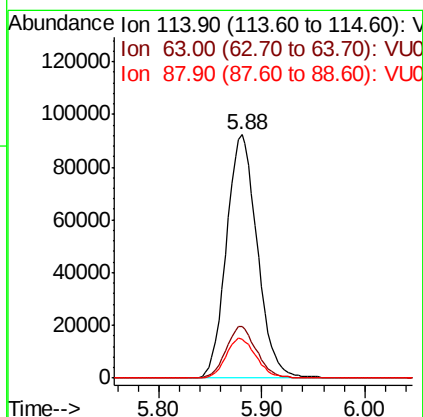
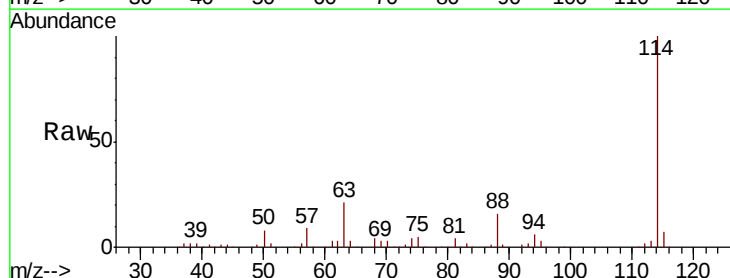
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

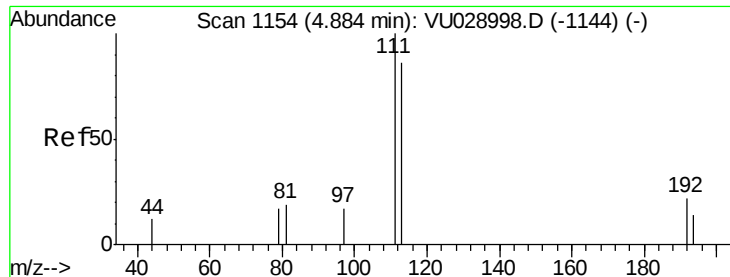
Tgt Ion: 65 Resp: 75819
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 114 Resp: 192479
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.372 ug/l

RT: 4.88 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

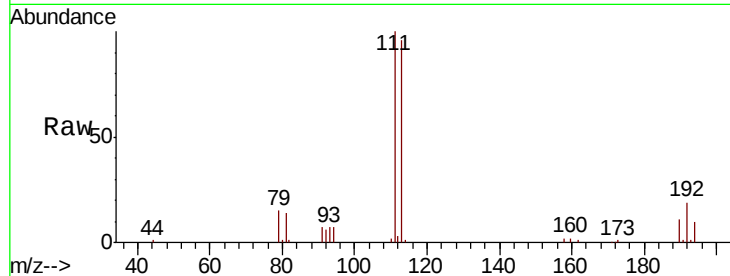
Tgt Ion:113 Resp: 64097

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

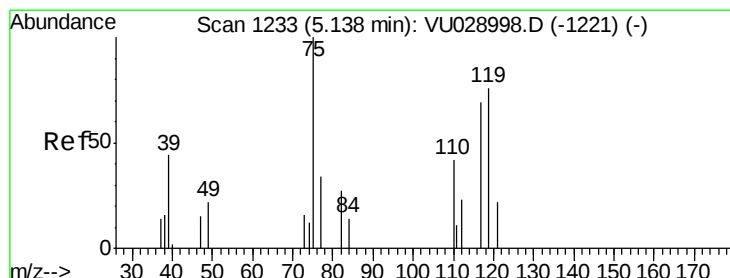
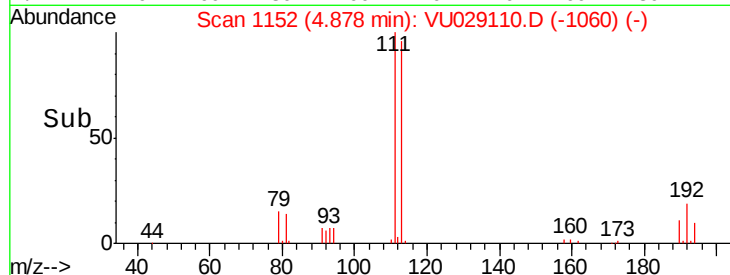
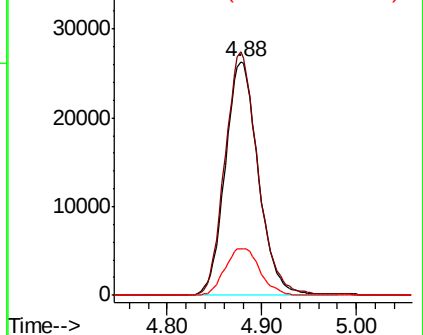
192 20.9 16.8 25.2



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: 4.344 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.16 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

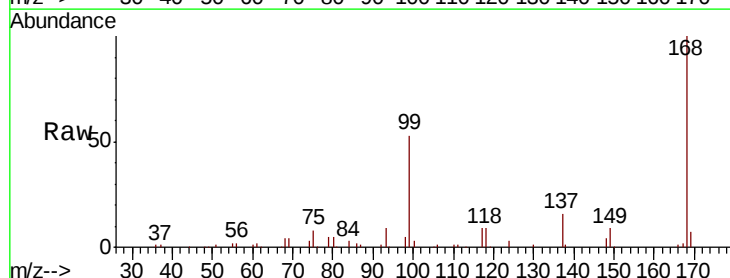
Tgt Ion: 75 Resp: 8357

Ion Ratio Lower Upper

75 100

110 6.7 18.4 55.4#

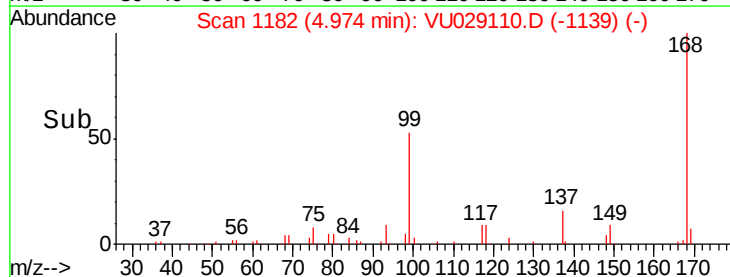
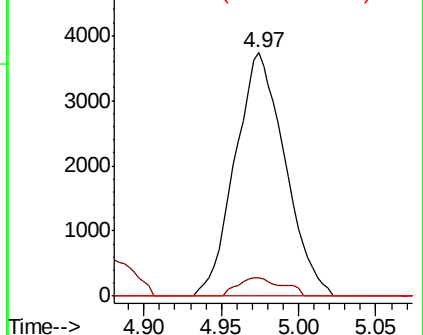
77 0.0 25.1 37.7#

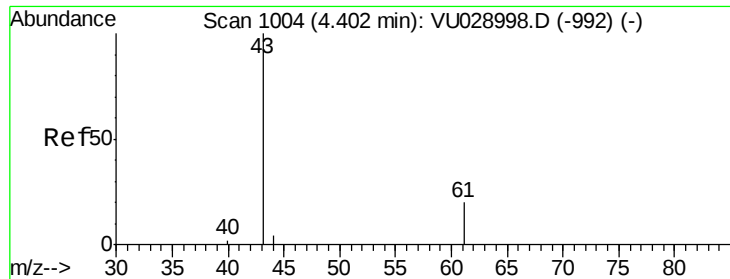


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

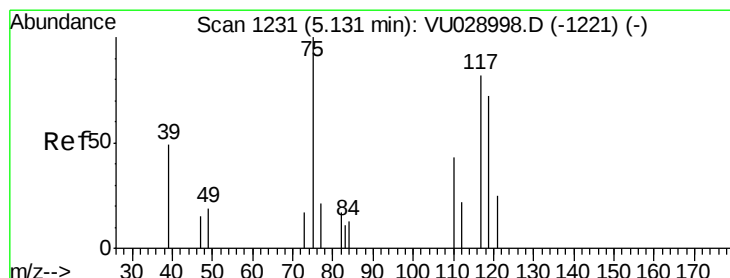
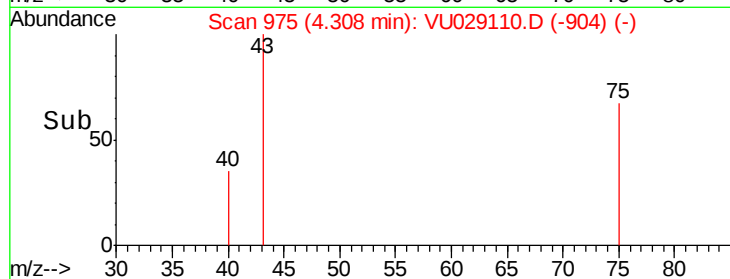
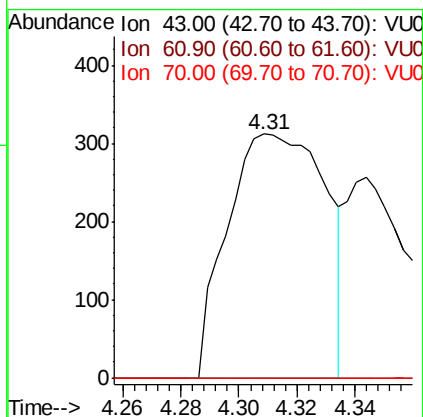
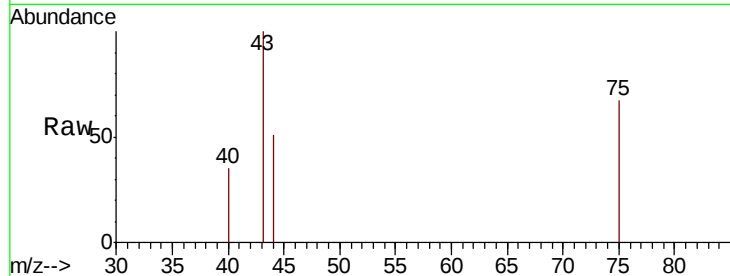




#37
 Ethyl Acetate
 Concen: 0.347 ug/l
 RT: 4.31 min Scan# 975
 Delta R.T. -0.07 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

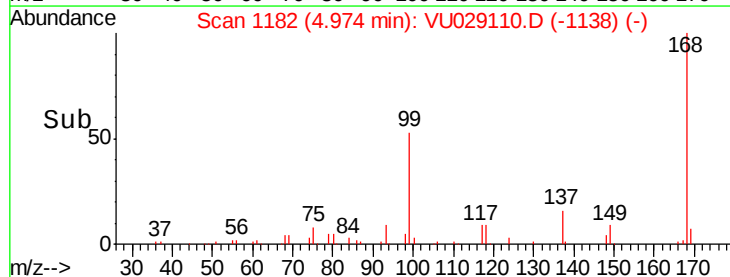
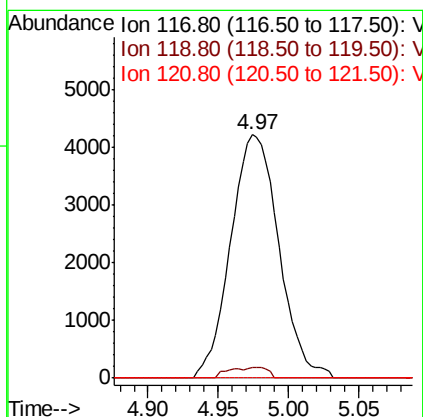
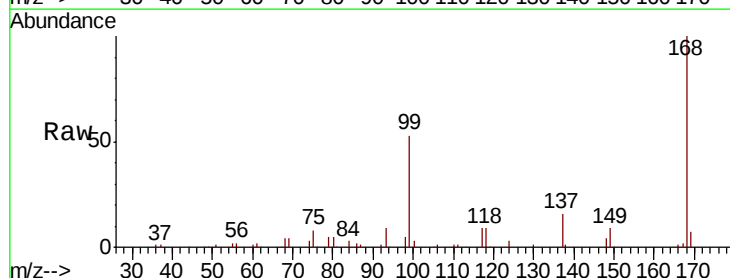
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

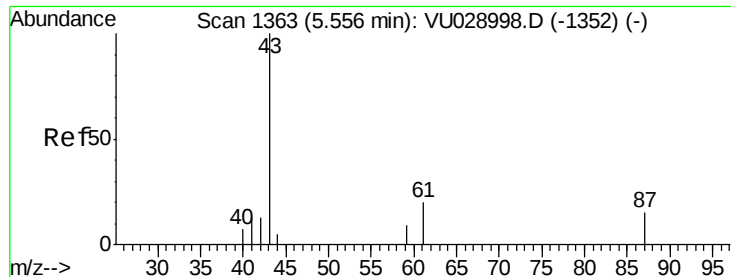
Tgt Ion: 43 Resp: 732
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.3 13.9#



#38
 Carbon Tetrachloride
 Concen: 6.281 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 117 Resp: 10078
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.6 111.8#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 1113.222 ug/l

RT: 5.45 min Scan# 1329

Delta R.T. -0.10 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

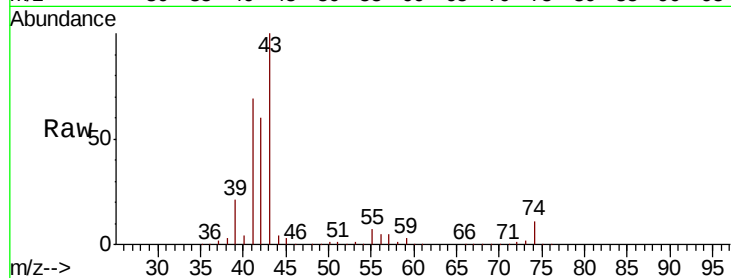
MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion: 43 Resp: 3606266

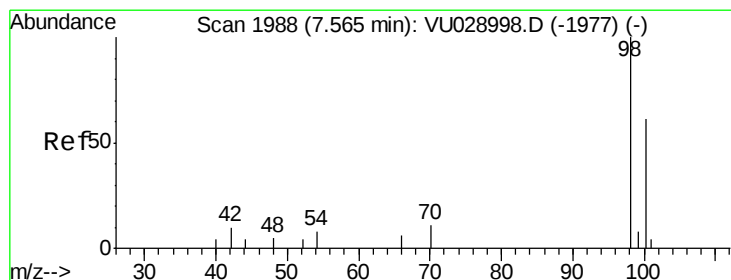
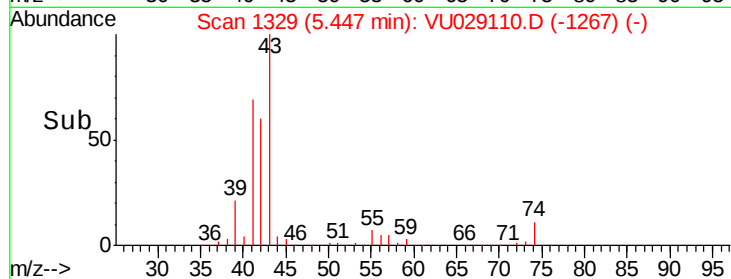
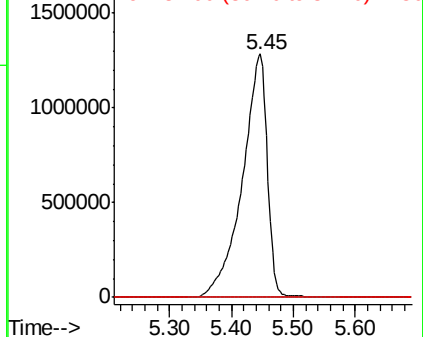
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	11.3	16.9#



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: 51.024 ug/l

RT: 7.56 min Scan# 1987

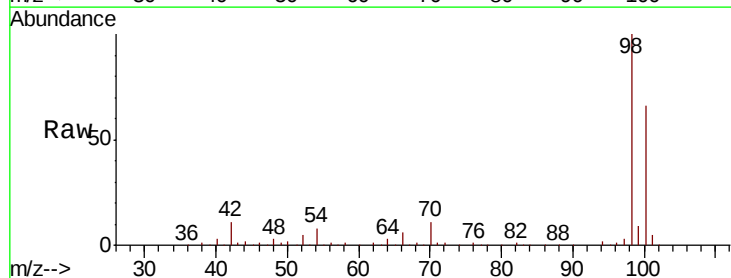
Delta R.T. 0.00 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

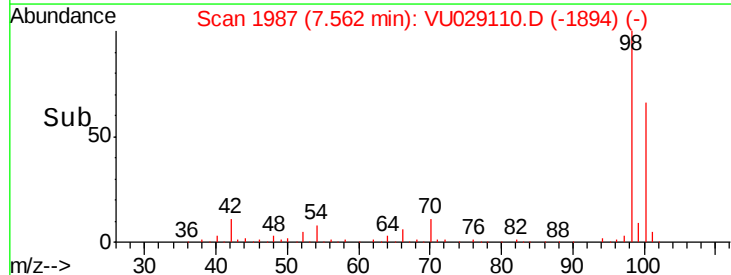
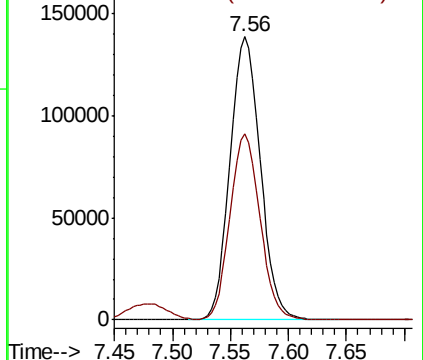
Tgt Ion: 98 Resp: 251335

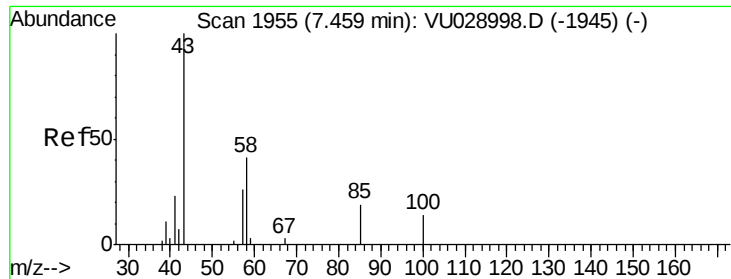
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

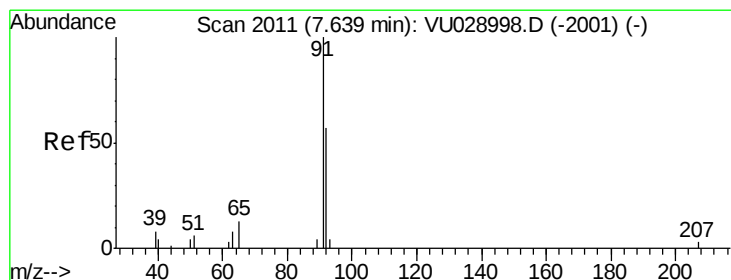
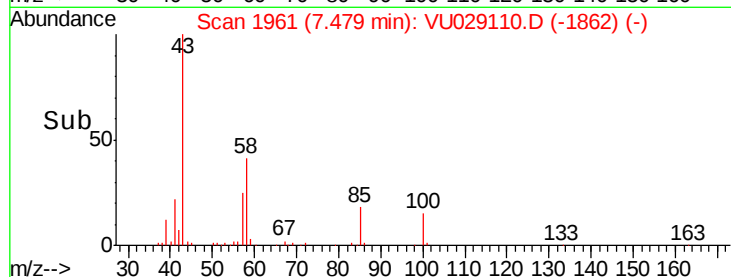
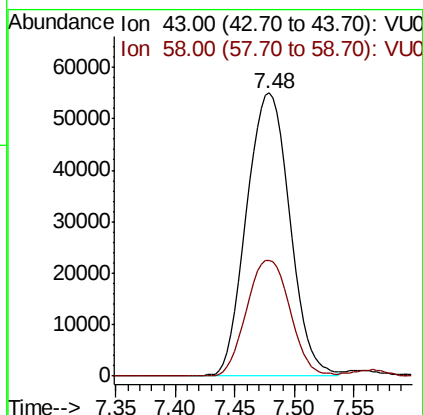
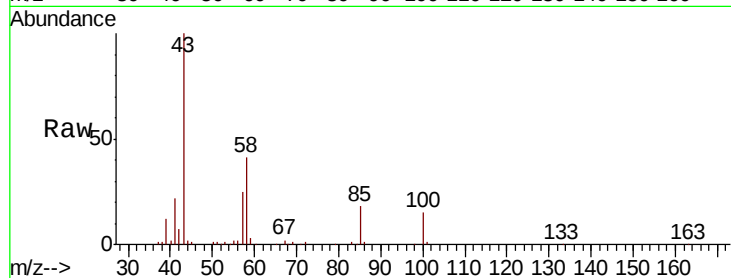




#51
 4-Methyl-2-Pentanone
 Concen: 63.012 ug/l
 RT: 7.48 min Scan# 1961
 Delta R.T. 0.02 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

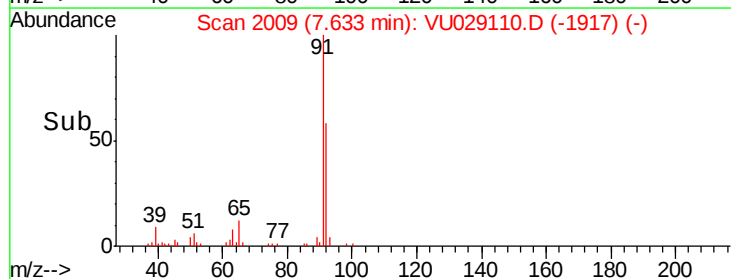
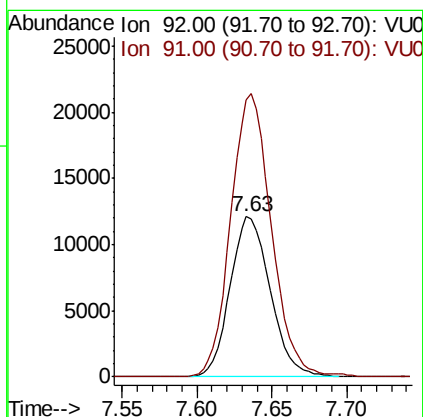
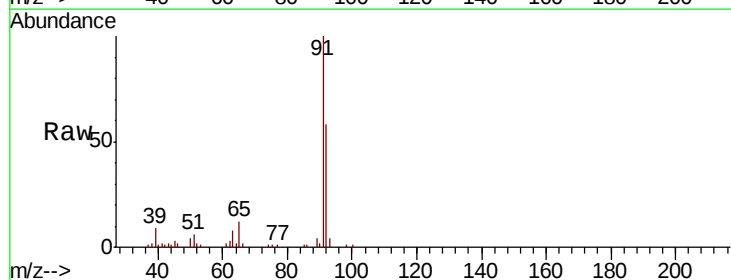
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

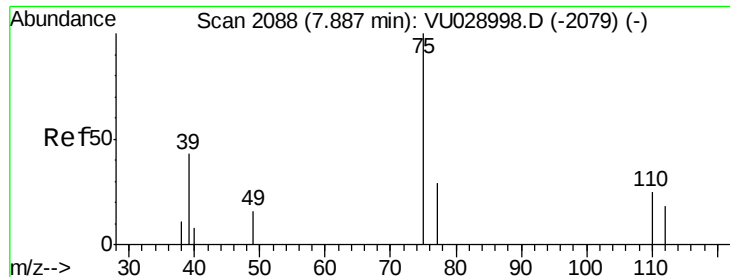
Tgt Ion: 43 Resp: 138921
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.9 50.9



#52
 Toluene
 Concen: 6.208 ug/l
 RT: 7.63 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 92 Resp: 22679
 Ion Ratio Lower Upper
 92 100
 91 178.6 139.8 209.8

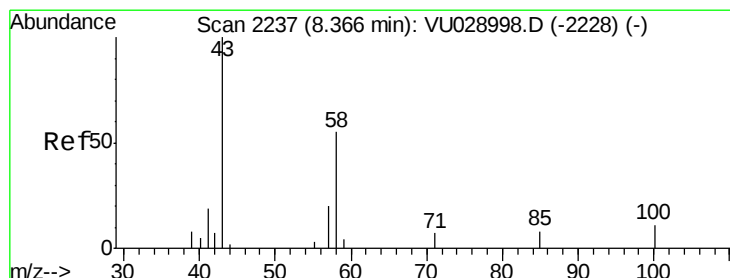
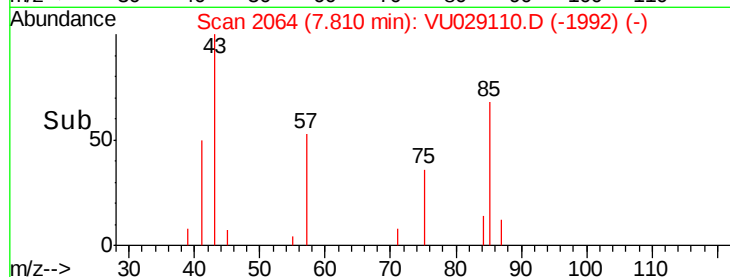
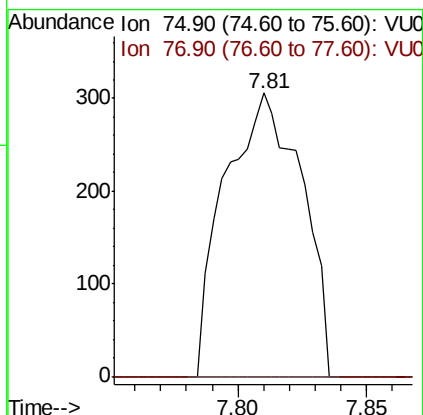
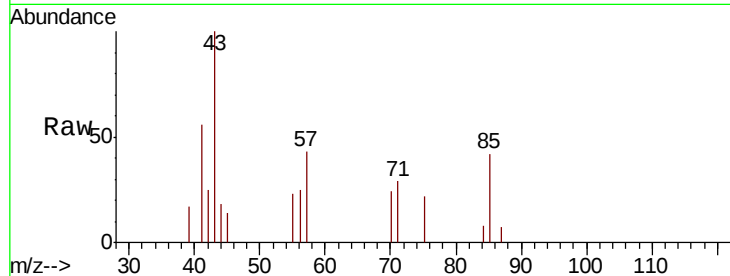




#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 7.81 min Scan# 2064
Delta R.T. -0.07 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

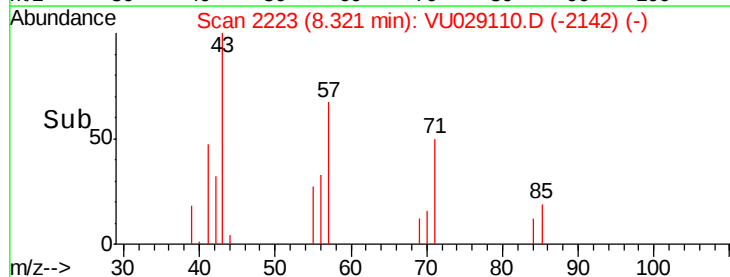
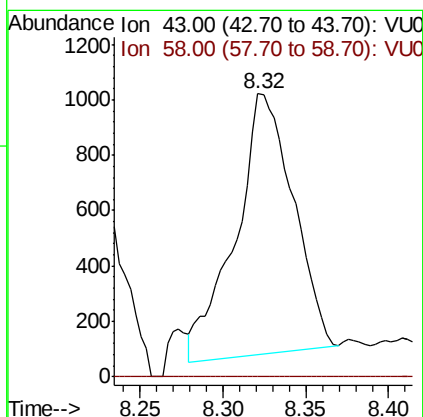
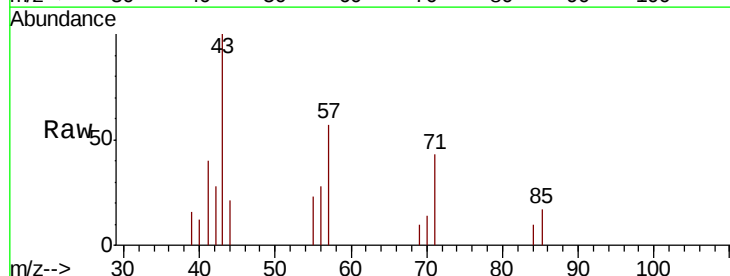
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

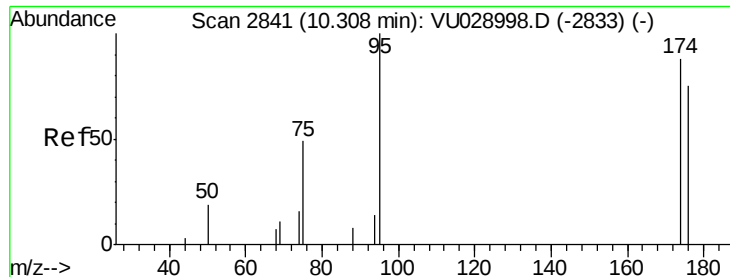
Tgt Ion: 75 Resp: 635
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#



#59
2-Hexanone
Concen: 1.320 ug/l
RT: 8.32 min Scan# 2223
Delta R.T. -0.04 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.4#





#62

4-Bromofluorobenzene

Concen: 55.156 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

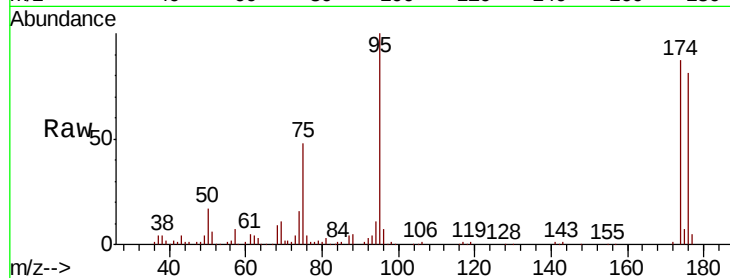
Tgt Ion: 95 Resp: 97640

Ion Ratio Lower Upper

95 100

174 86.0 0.0 170.6

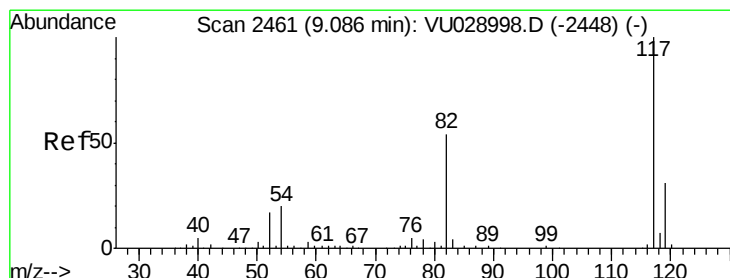
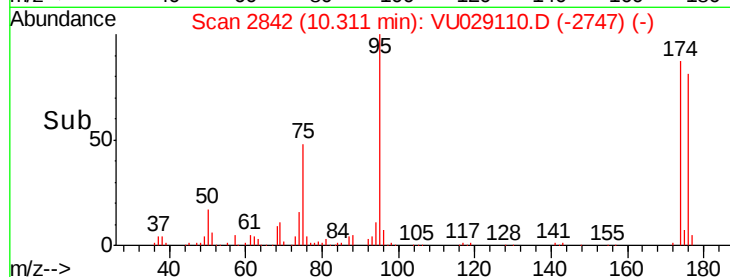
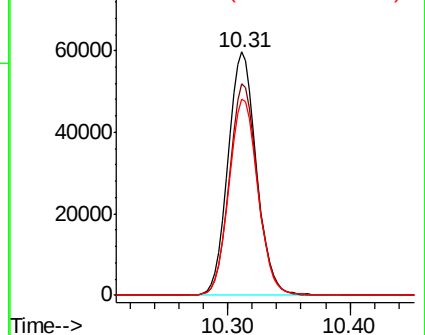
176 82.1 0.0 165.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

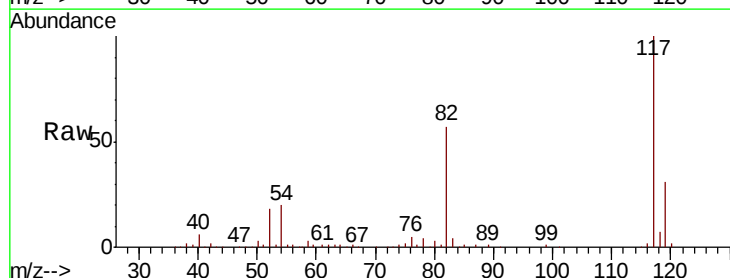
Tgt Ion: 117 Resp: 195421

Ion Ratio Lower Upper

117 100

82 57.2 43.9 65.9

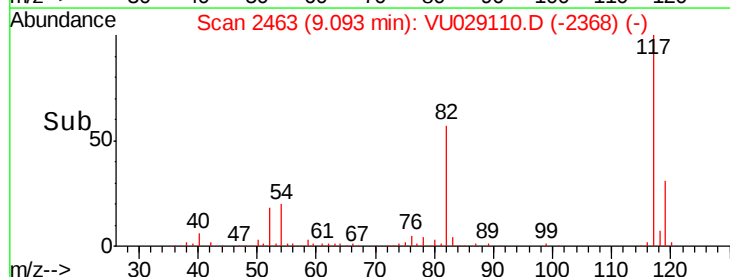
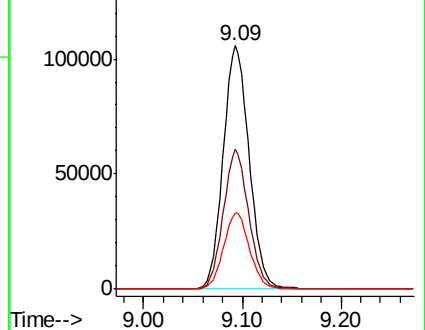
119 31.4 26.0 39.0

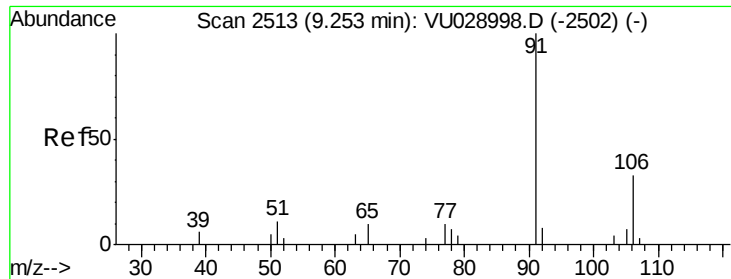


Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)

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

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

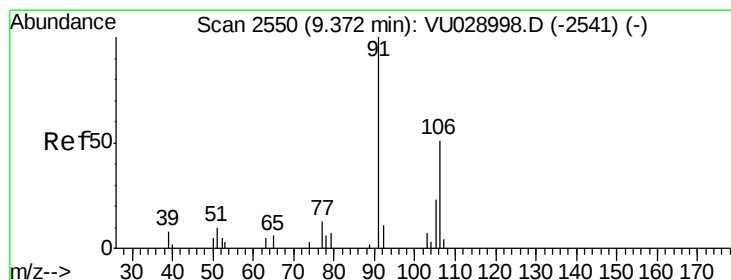
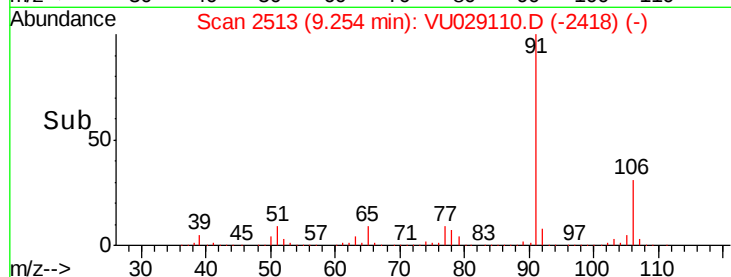
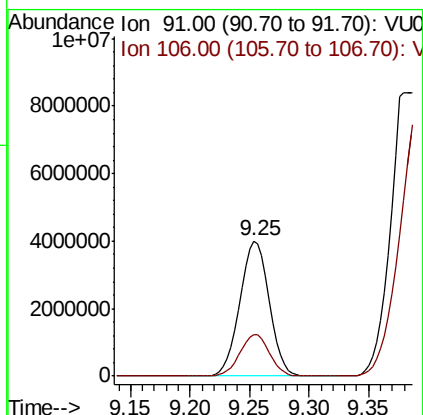
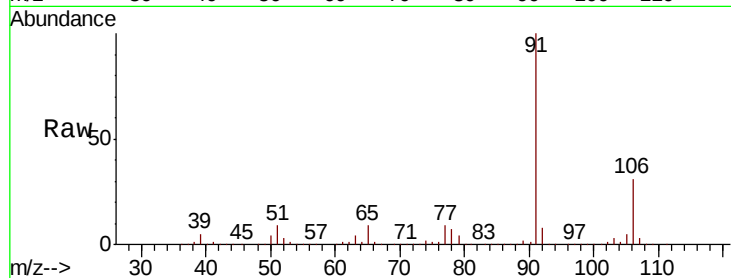




#67
Ethyl Benzene
Concen: 936.681 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

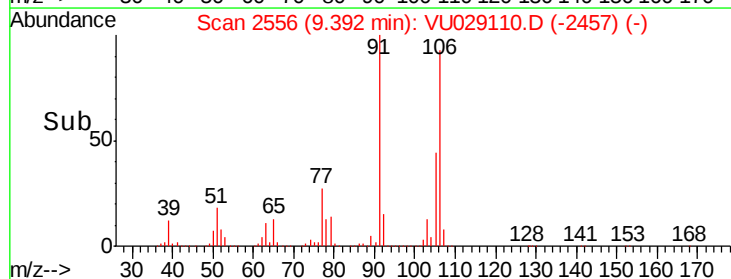
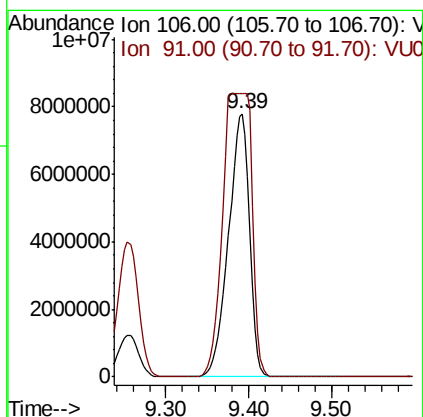
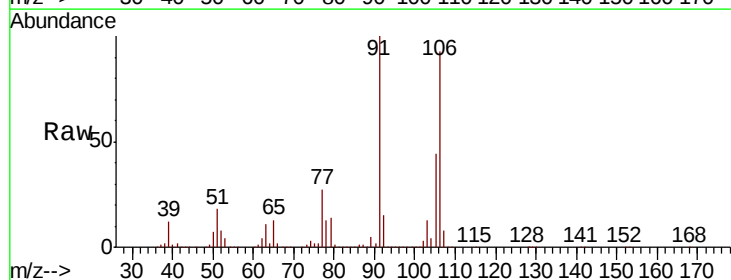
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

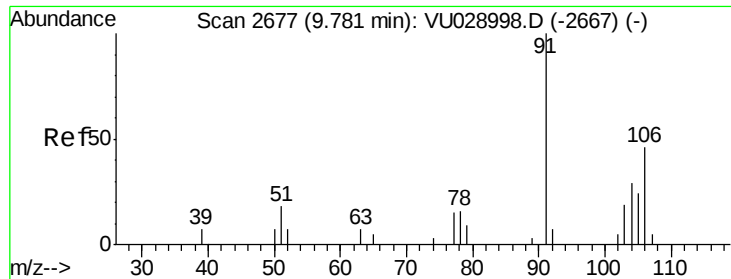
Tgt Ion: 91 Resp: 6850305
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 4847.782 ug/l
RT: 9.39 min Scan# 2556
Delta R.T. 0.02 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion: 106 Resp: 13775468
Ion Ratio Lower Upper
106 100
91 0.0 161.7 242.5#

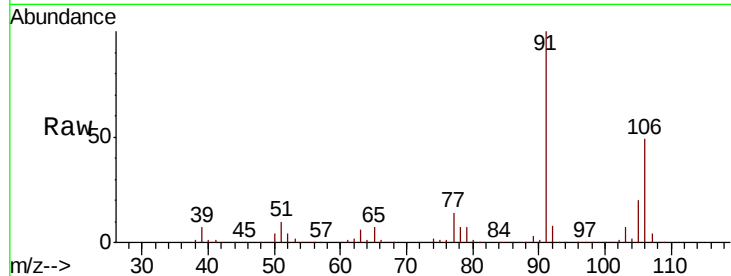




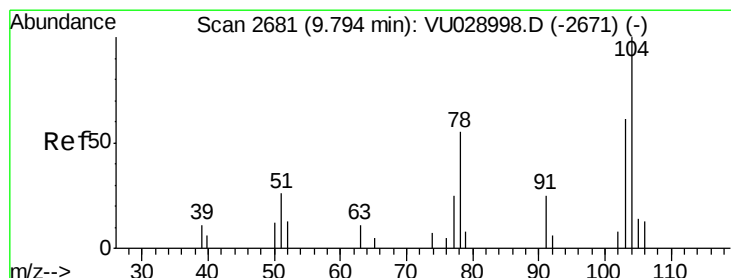
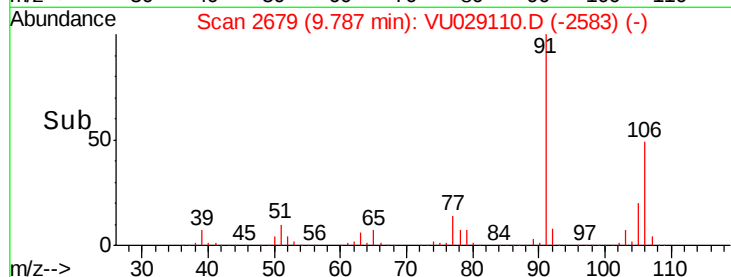
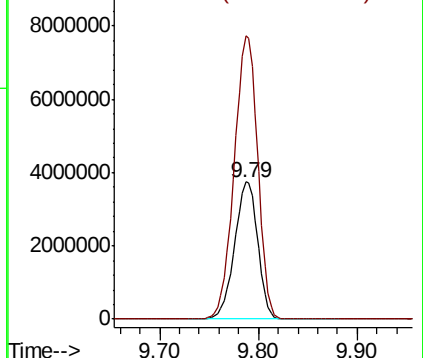
#69
o-Xylene
Concen: 2232.171 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Tgt Ion:106 Resp: 6111665
Ion Ratio Lower Upper
106 100
91 209.9 106.1 318.3

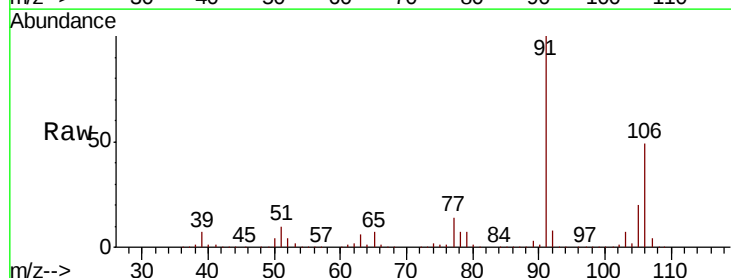


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

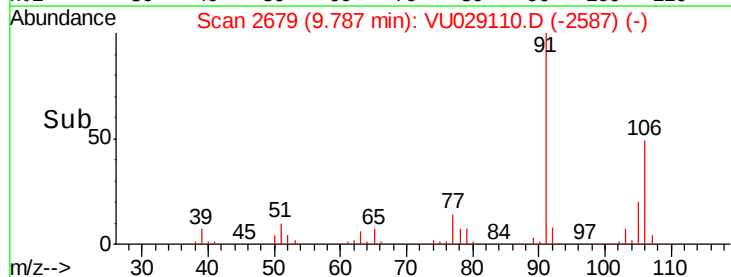
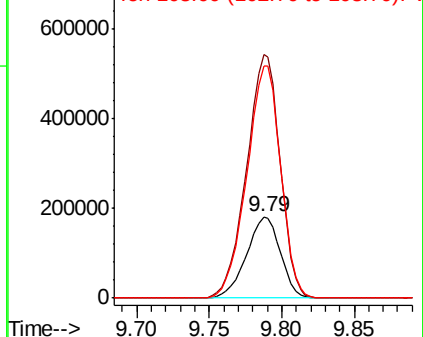


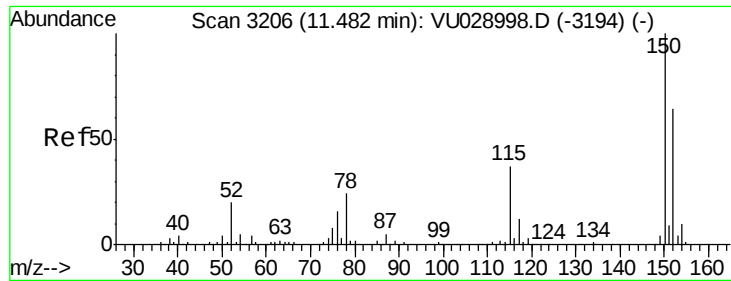
#70
Styrene
Concen: 65.518 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion:104 Resp: 294076
Ion Ratio Lower Upper
104 100
78 297.6 38.6 58.0#
103 286.7 44.5 66.7#



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



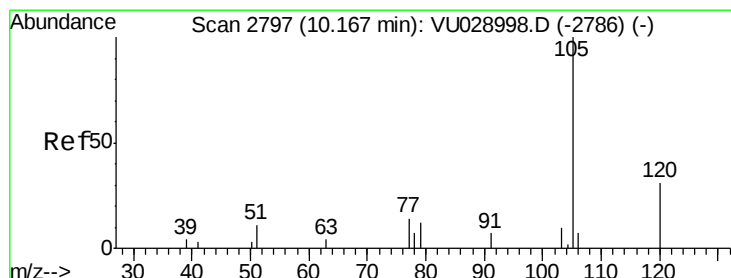
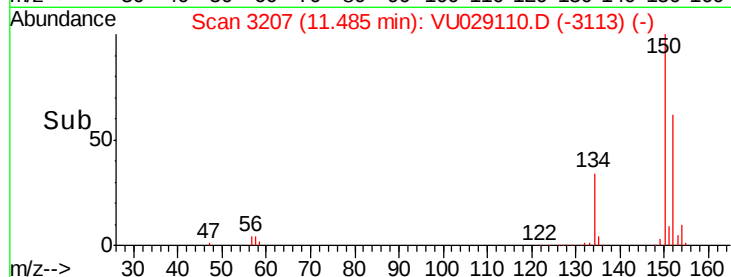
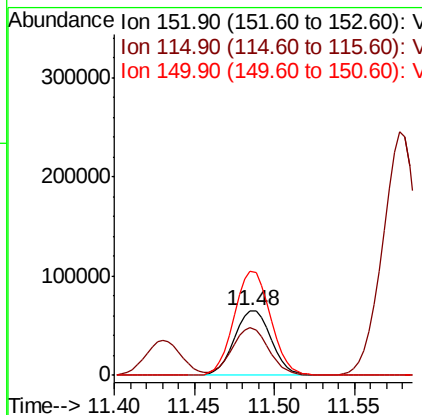
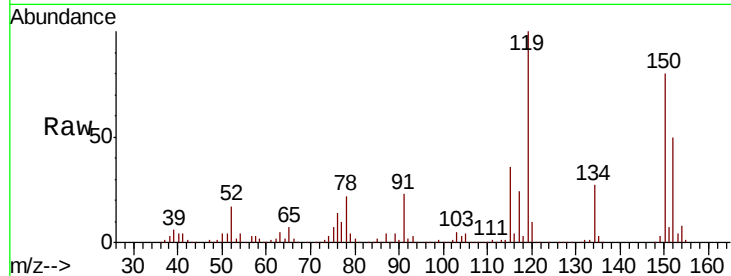


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

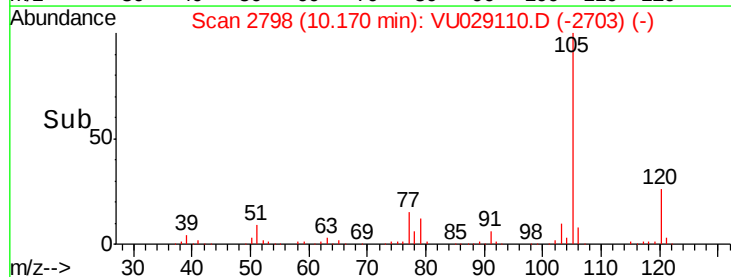
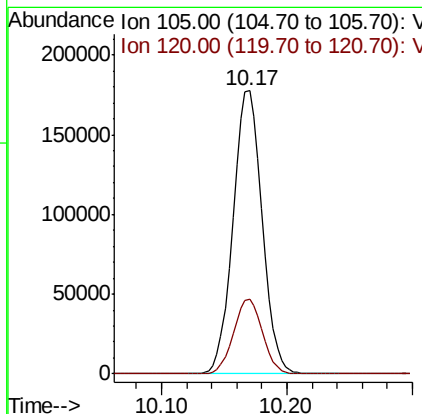
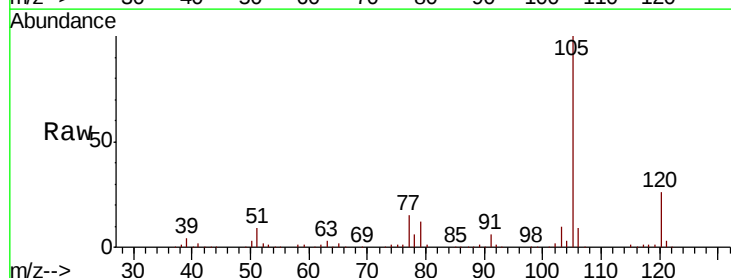
Tgt Ion:152 Resp: 102264
Ion Ratio Lower Upper
152 100
115 73.2 40.1 120.3
150 159.4 0.0 345.2

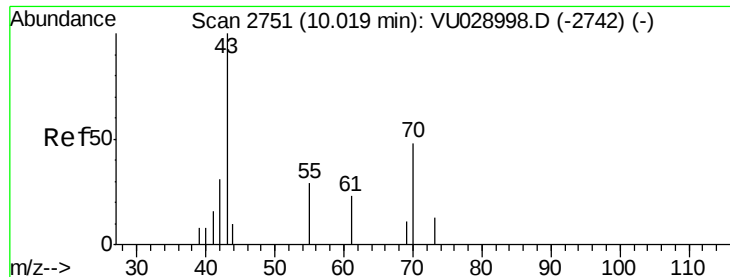


#73

Isopropylbenzene
Concen: 37.806 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion:105 Resp: 286164
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5





#74

N-ethyl acetate

Concen: 5.280 ug/l

RT: 9.99 min Scan# 2741

Delta R.T. -0.03 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion: 43 Resp: 17221

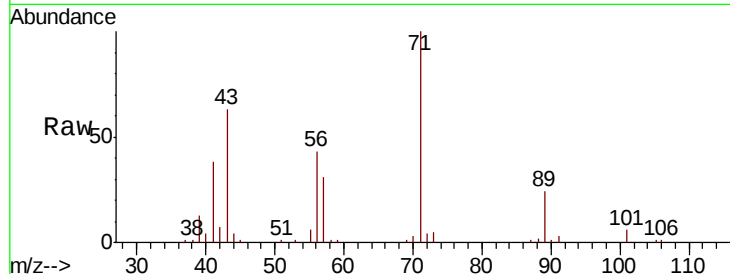
Ion Ratio Lower Upper

43 100

70 4.5 36.3 54.5#

55 11.3 20.5 30.7#

61 0.0 21.8 32.8#

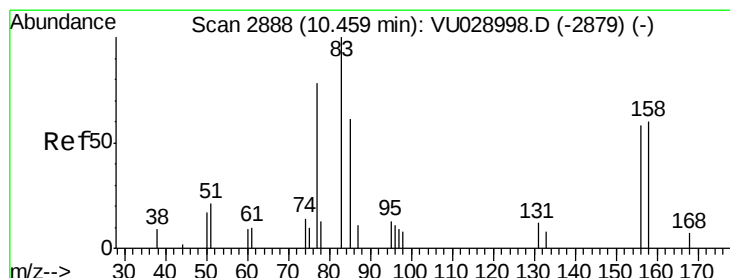
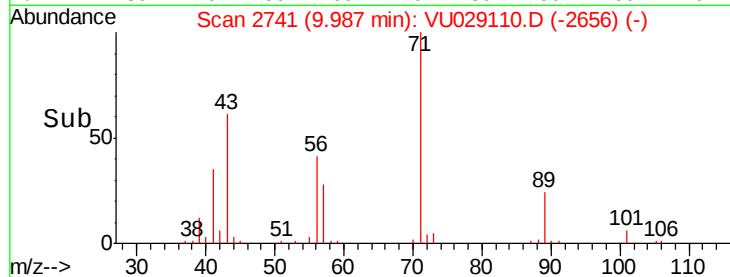
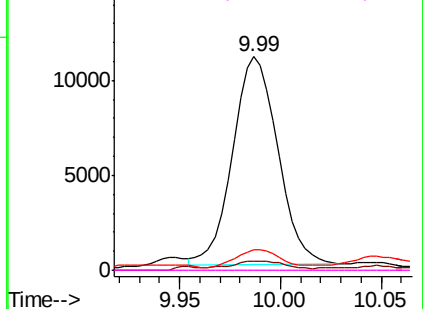


Abundance Ion 43.00 (42.70 to 43.70): VU0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.322 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

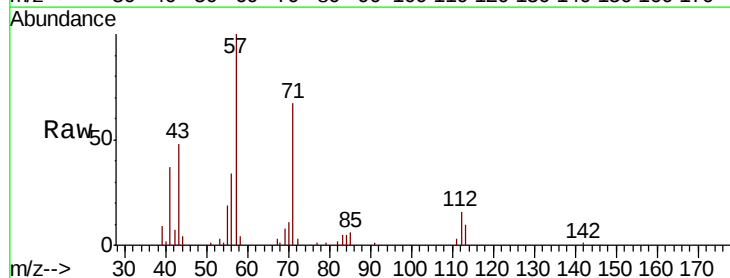
Tgt Ion: 83 Resp: 977

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

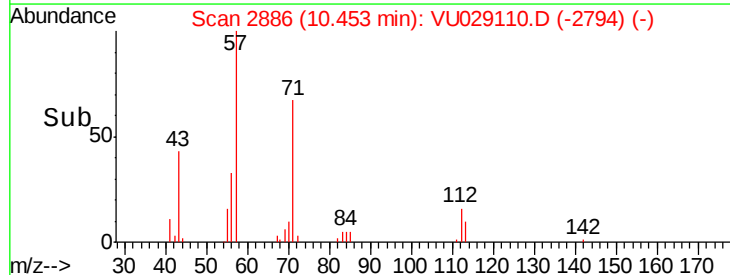
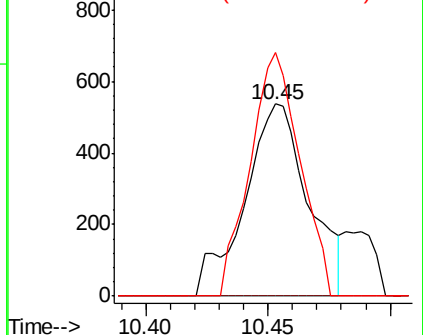
85 98.4 32.0 96.2#

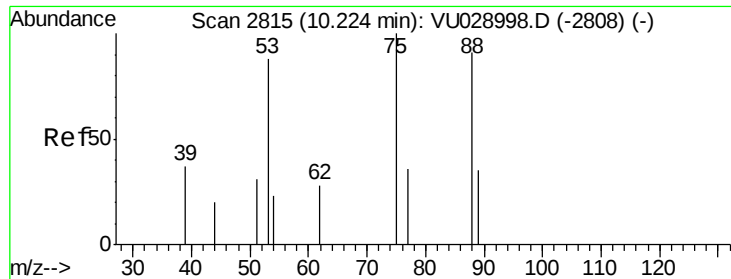


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

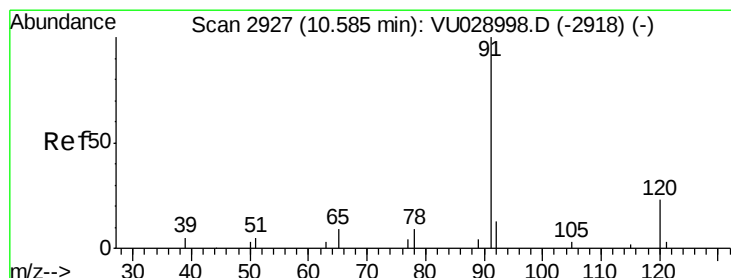
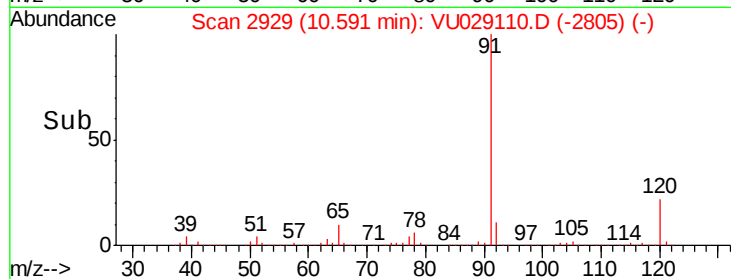
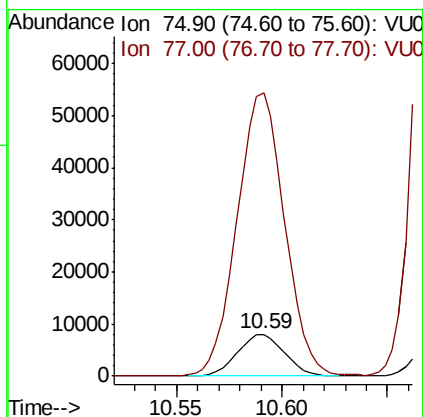
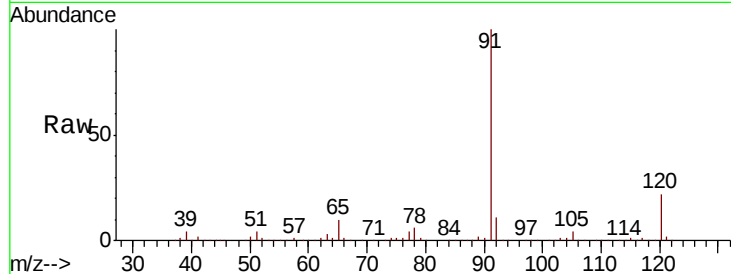




#76
 1,2,3-Trichloropropane
 Concen: 4.946 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.10 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

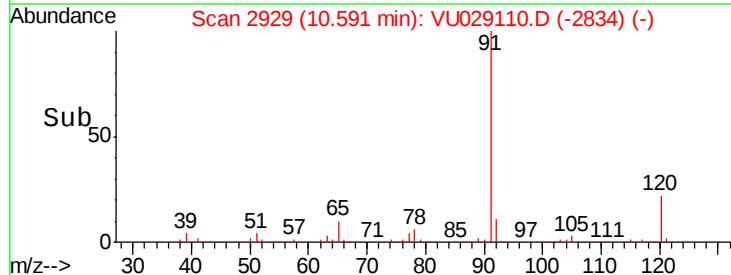
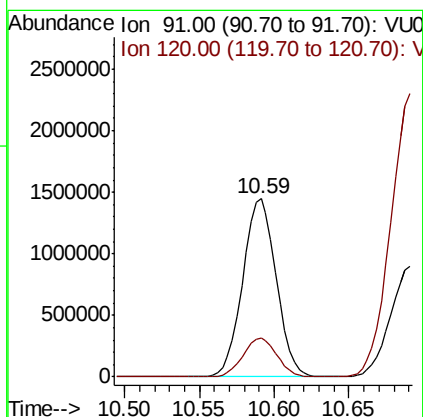
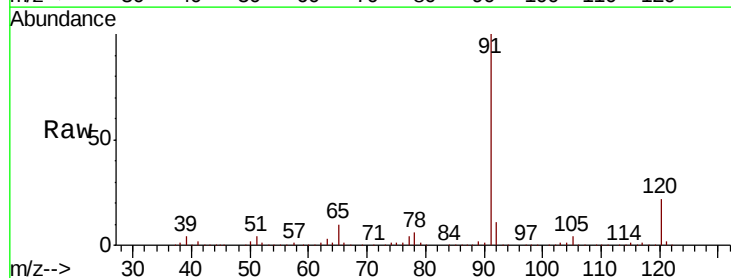
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

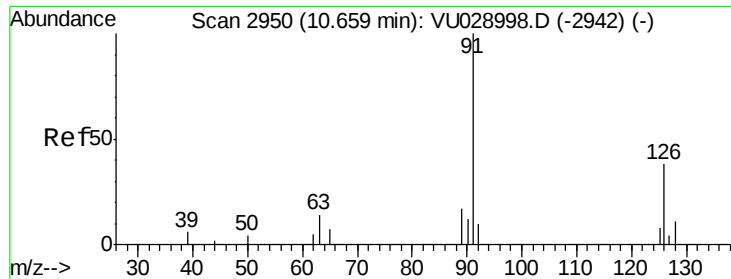
Tgt Ion: 75 Resp: 12393
 Ion Ratio Lower Upper
 75 100
 77 688.5 20.9 62.8#



#78
 n-propylbenzene
 Concen: 252.965 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 91 Resp: 2256529
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.3 33.9

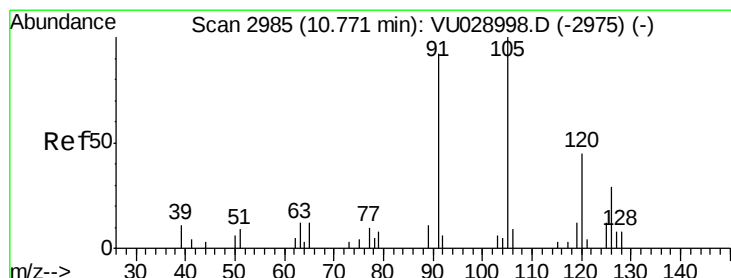
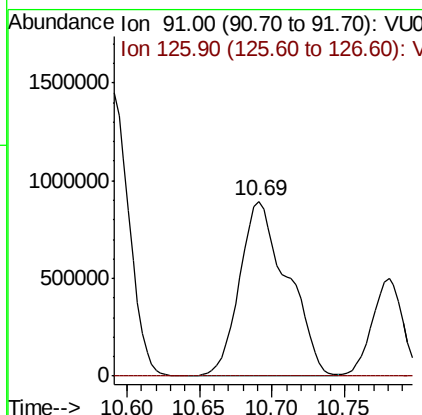
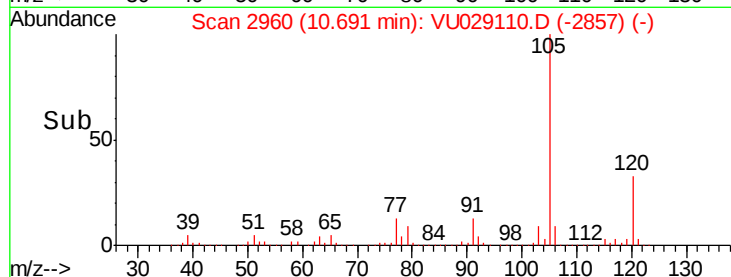
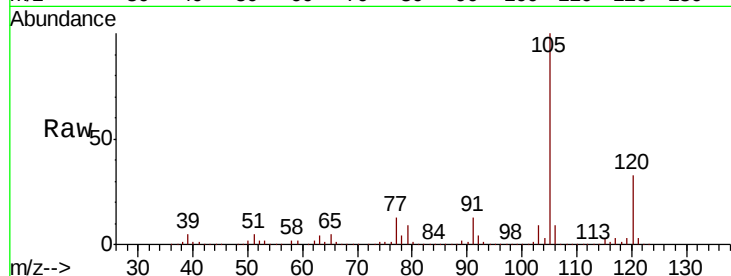




#79
 2-Chlorotoluene
 Concen: 379.692 ug/l
 RT: 10.69 min Scan# 2960
 Delta R.T. 0.03 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

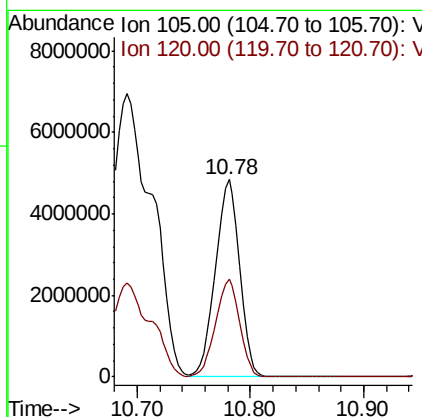
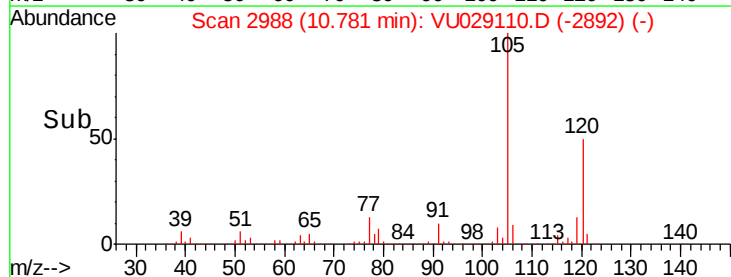
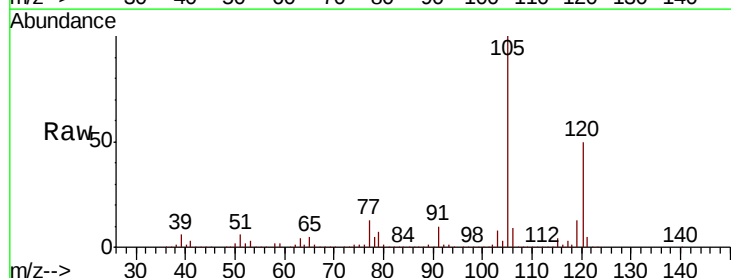
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

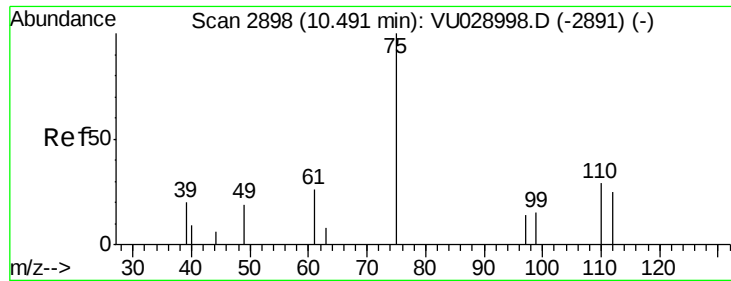
Tgt Ion: 91 Resp: 2054584
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.8 50.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 1137.935 ug/l
 RT: 10.78 min Scan# 2988
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 105 Resp: 7192874
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.756 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.08 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

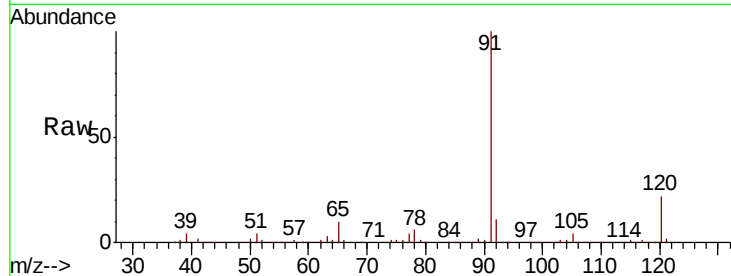
Tgt Ion: 75 Resp: 12393

Ion Ratio Lower Upper

75 100

53 79.3 0.0 0.0#

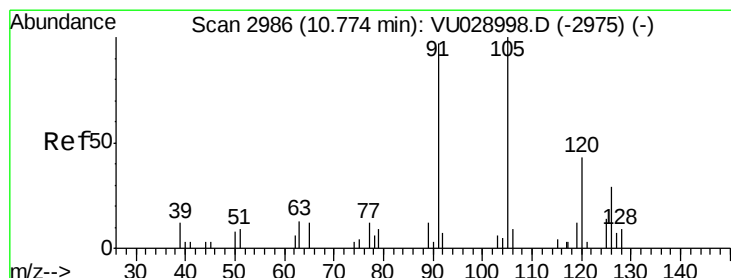
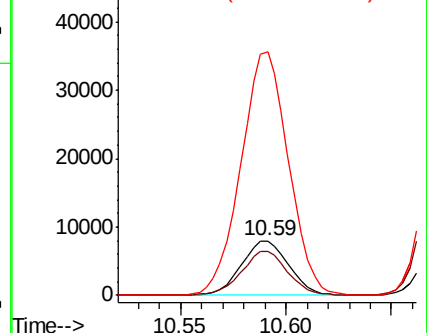
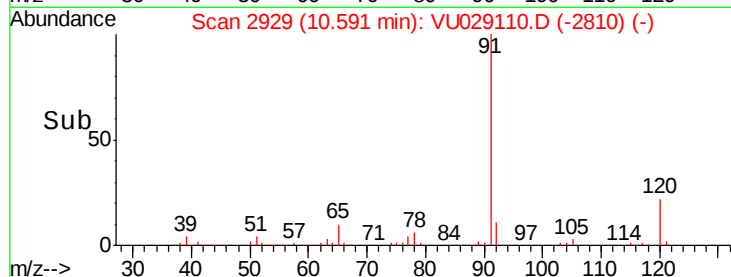
89 449.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 119.193 ug/l

RT: 10.78 min Scan# 2988

Delta R.T. 0.01 min

Lab File: VU029110.D

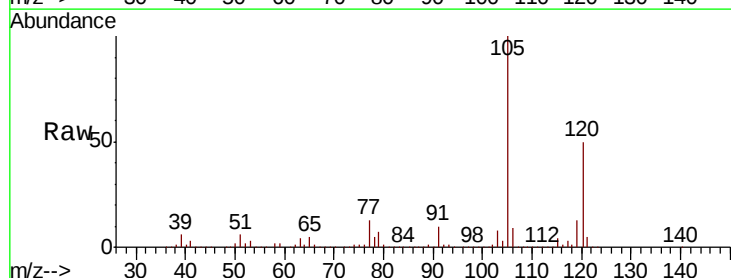
Acq: 10 Jan 2019 11:50

Tgt Ion: 91 Resp: 739569

Ion Ratio Lower Upper

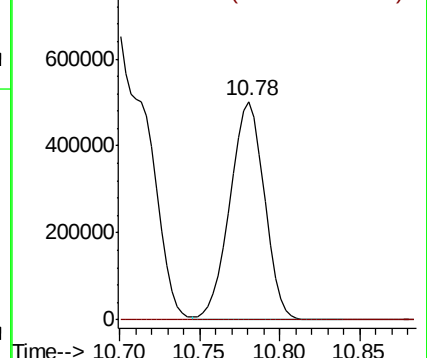
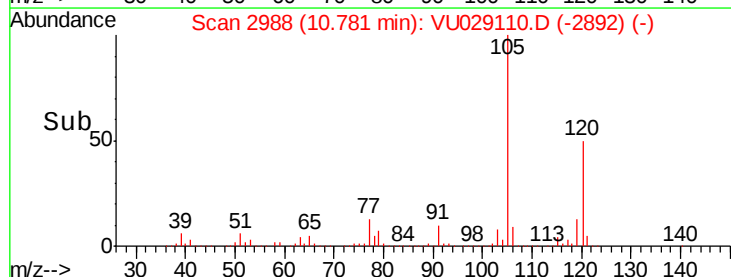
91 100

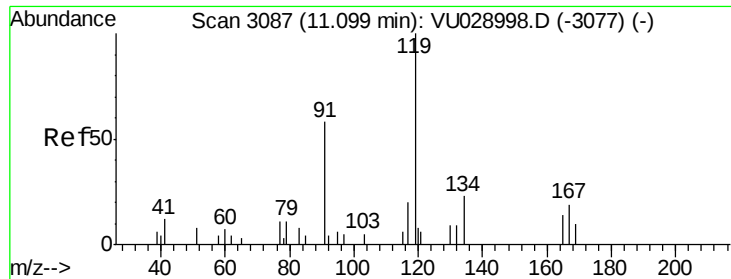
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

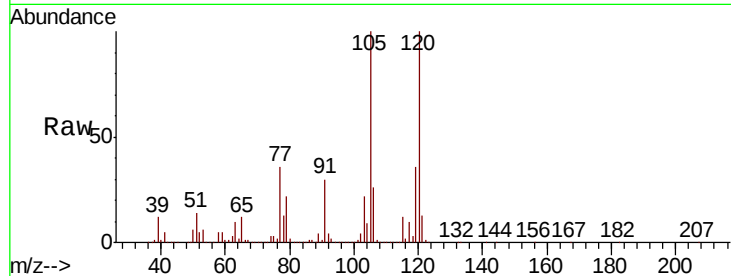




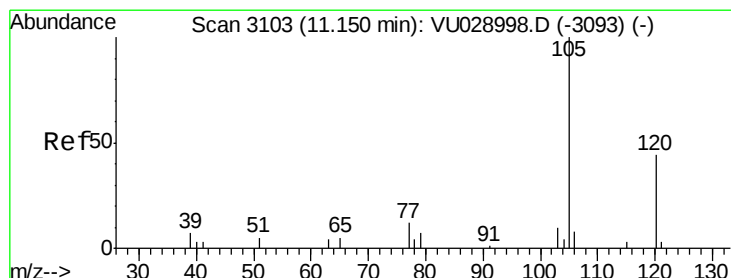
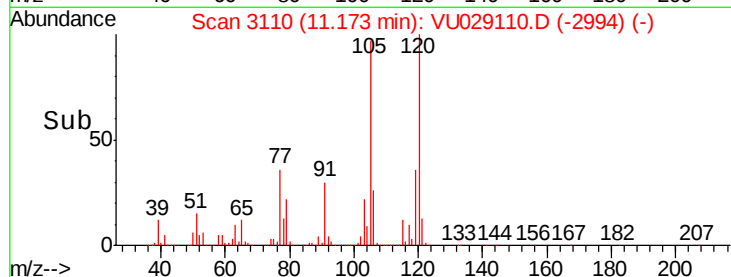
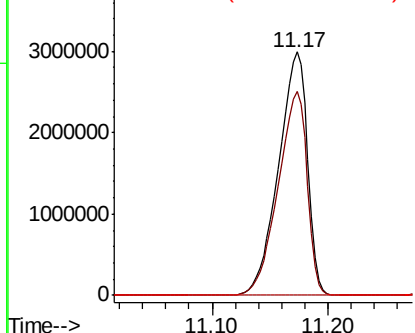
#83
 tert-Butylbenzene
 Concen: 834.015 ug/l
 RT: 11.17 min Scan# 3110
 Delta R.T. 0.07 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion:119 Resp: 5196012
 Ion Ratio Lower Upper
 119 100
 91 84.0 28.2 84.6
 134 0.0 11.3 33.8#

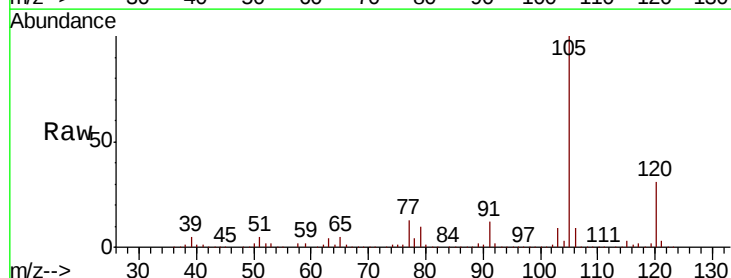


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

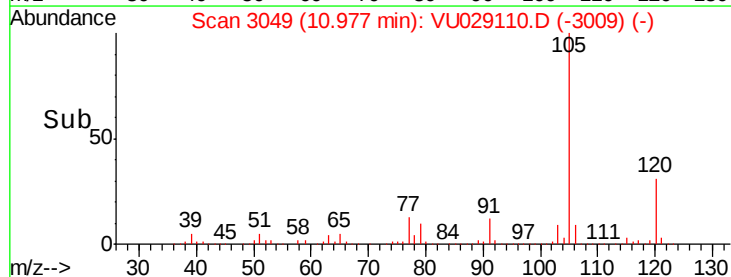
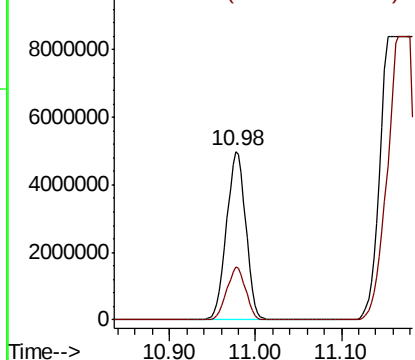


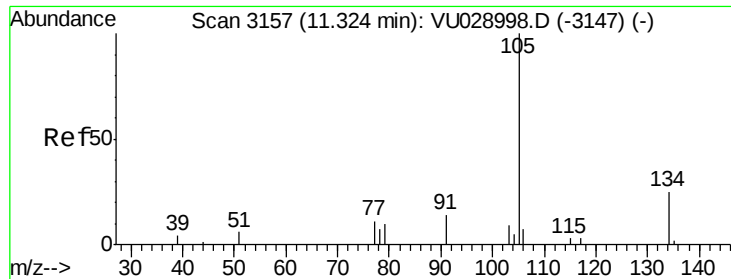
#84
 1,2,4-Trimethylbenzene
 Concen: 1227.792 ug/l
 RT: 10.98 min Scan# 3049
 Delta R.T. -0.17 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion:105 Resp: 7748411
 Ion Ratio Lower Upper
 105 100
 120 31.0 23.1 69.3



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

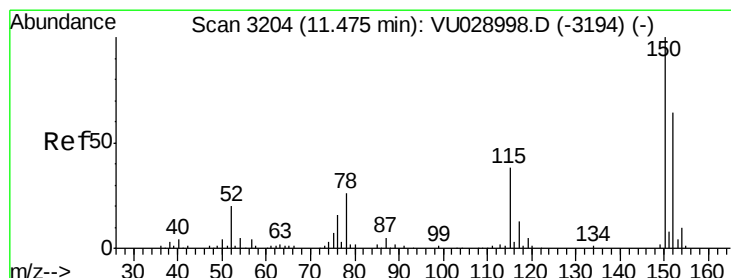
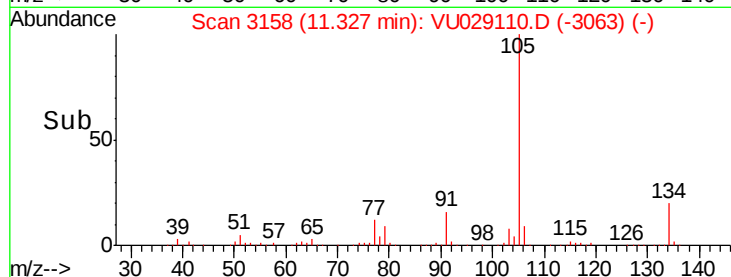
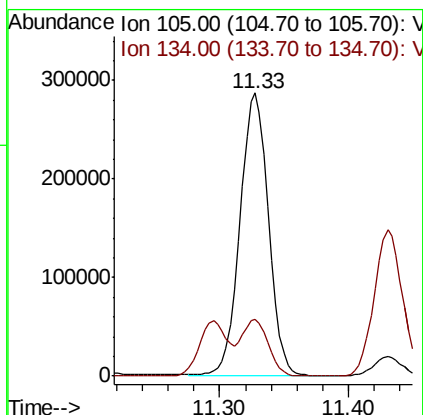
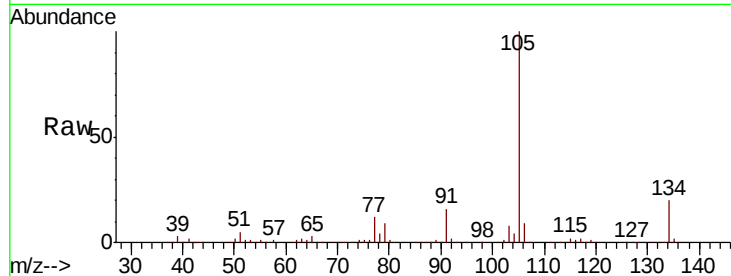




#85
 sec-Butylbenzene
 Concen: 58.157 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

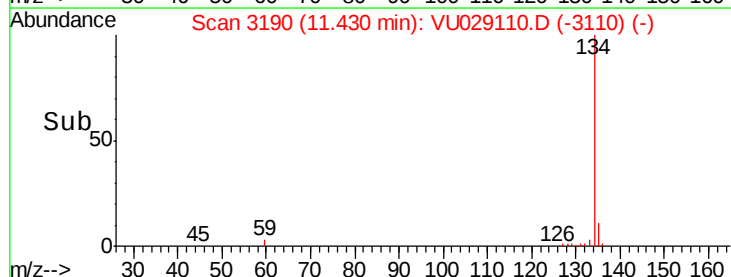
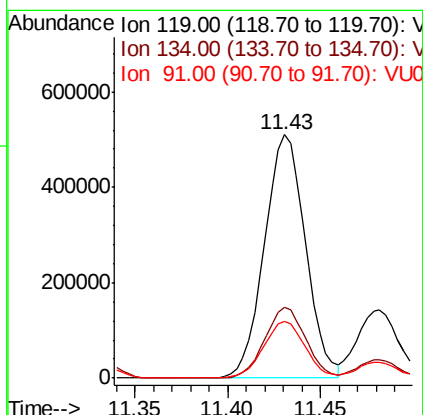
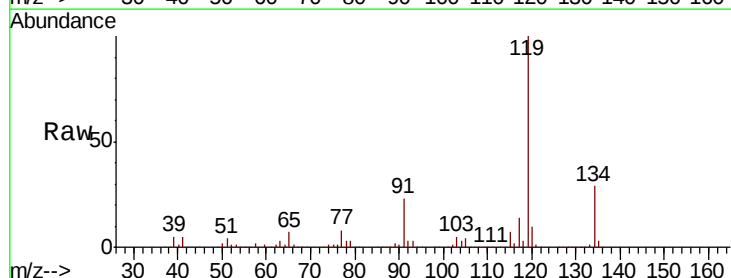
Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

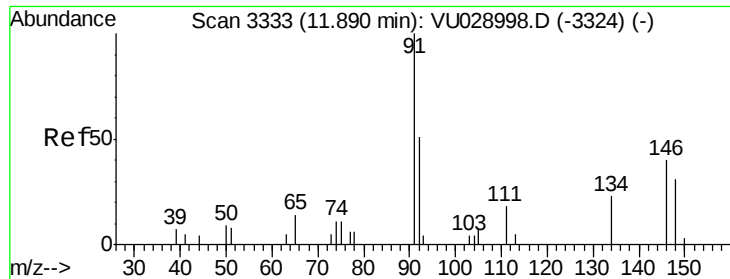
Tgt Ion:105 Resp: 438197
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 122.017 ug/l
 RT: 11.43 min Scan# 3190
 Delta R.T. -0.04 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion:119 Resp: 783408
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.5 40.4
 91 23.5 11.3 33.8

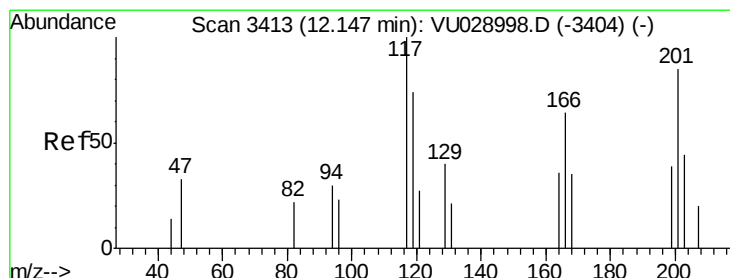
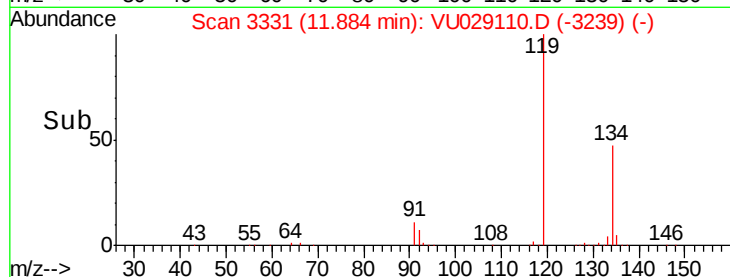
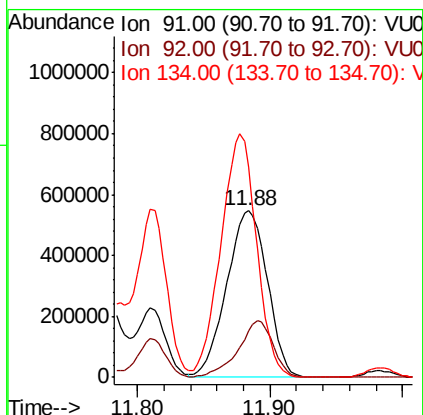
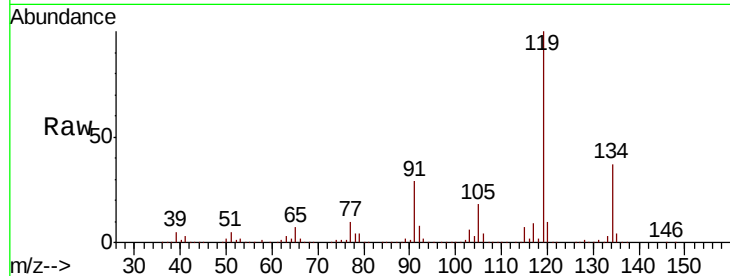




#89
n-Butylbenzene
Concen: 202.537 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

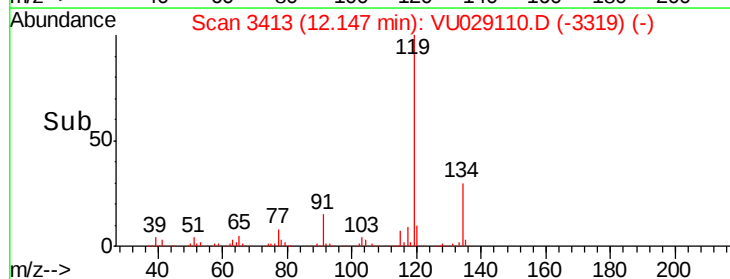
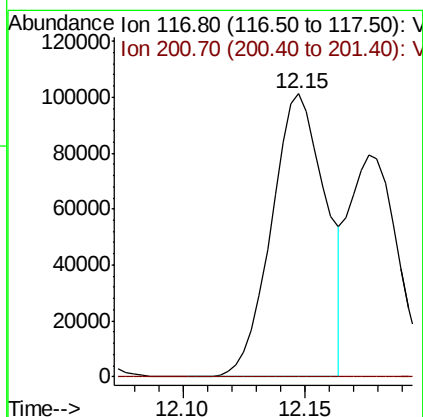
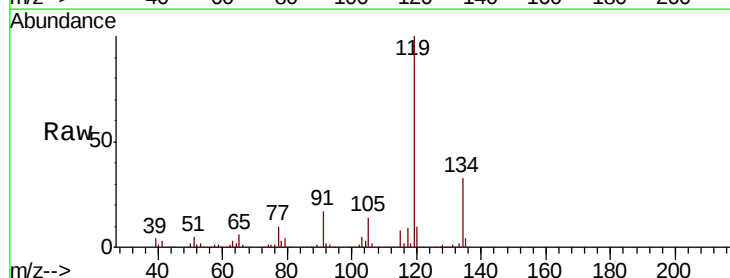
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

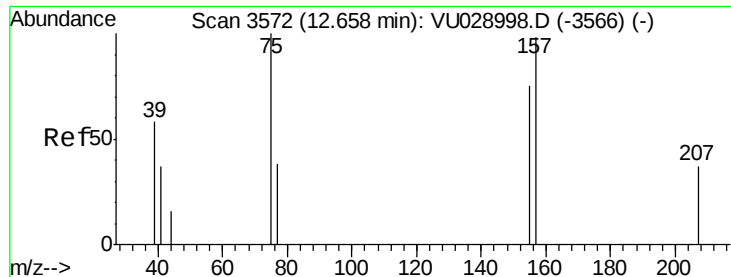
Tgt Ion: 91 Resp: 1160638
Ion Ratio Lower Upper
91 100
92 29.2 26.2 78.5
134 128.3 12.6 37.6#



#90
Hexachloroethane
Concen: 144.190 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion: 117 Resp: 155741
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.444 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument:

MSVOA_U

ClientSampleId:

CROSSWICKS-DRUM-1

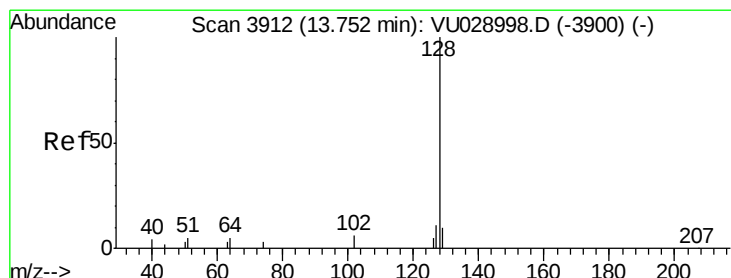
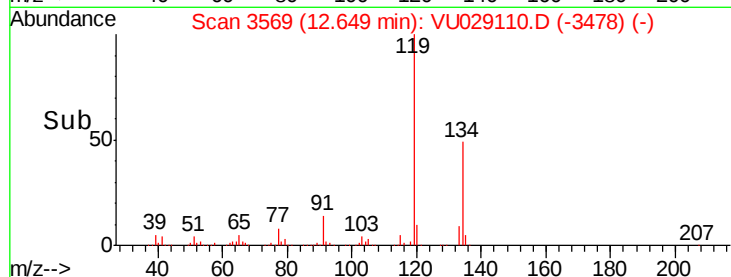
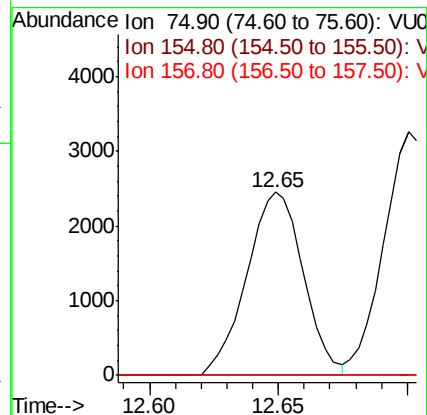
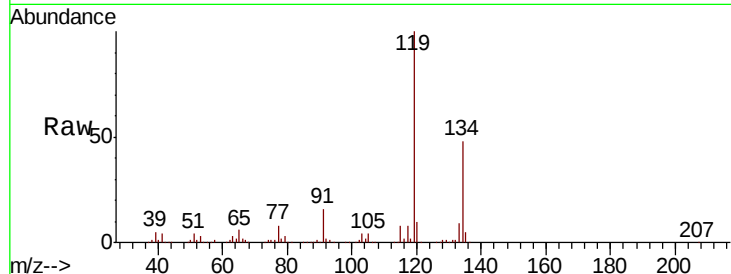
Tgt Ion: 75 Resp: 3760

Ion Ratio Lower Upper

75 100

155 0.0 46.3 138.8#

157 0.0 57.4 172.0#



#95

Naphthalene

Concen: 1.839 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

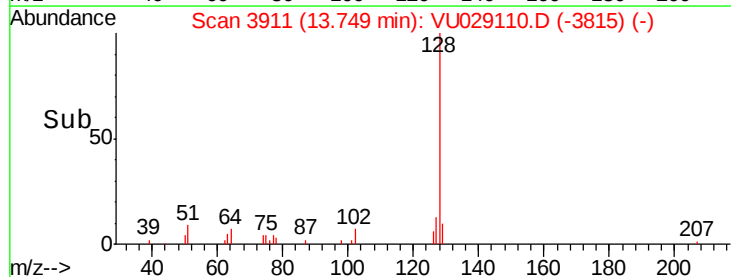
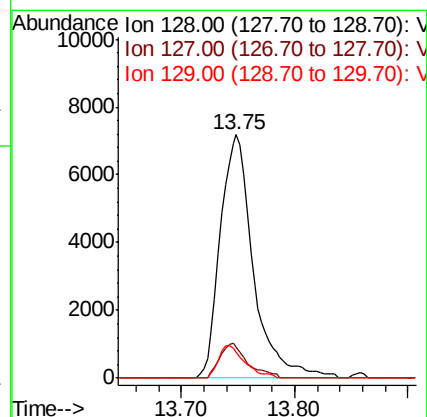
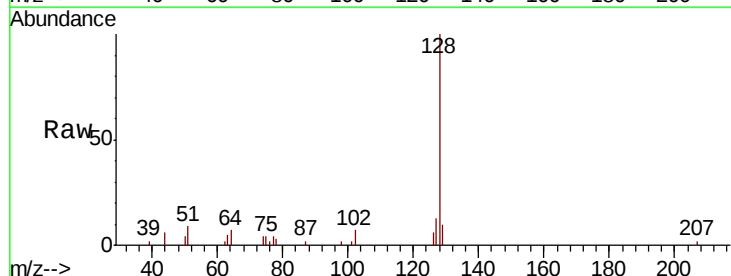
Tgt Ion: 128 Resp: 14557

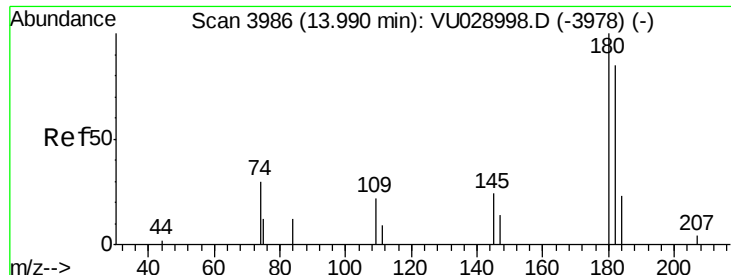
Ion Ratio Lower Upper

128 100

127 11.9 10.1 15.1

129 10.6 8.5 12.7

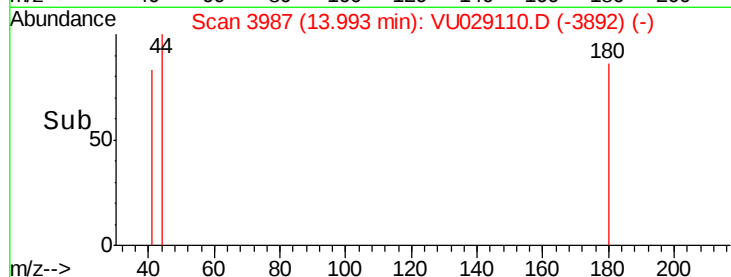
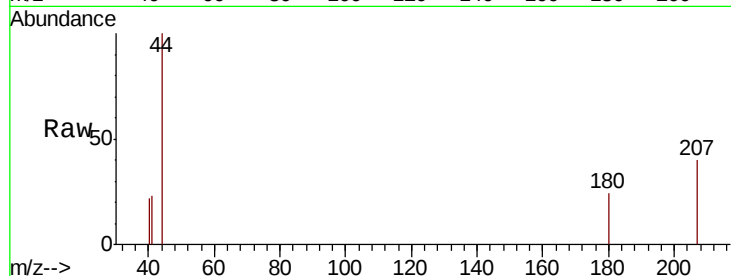




#96
 1,2,3-Trichlorobenzene
 Concen: 0.809 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	14.8	44.4#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

